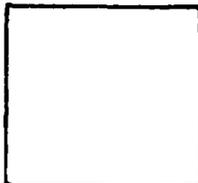


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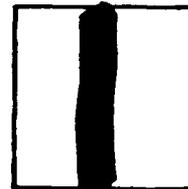
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MYRTLE BEACH AFB SC WBAN #13717
N 33 41 W 078 56 FLD ELEV 26 FT MYR WMO #74791

PARTS A-F
POR FROM HOURLY OBS: MAR 69 - DEC 70, JAN 73 - FEB 81
POR FROM DAILY OBS: NOV 42 - JUL 47, JAN 49 - DEC 54
 NOV 56 - FEB 81

TIME CONVERSION GMT TO LST: -5

FEDERAL BUILDING
ASHEVILLE, N. C.

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AUG 07 1981

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


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

FOR THE COMMANDER


WALTER S. BURGMANN
AWS Scientific and technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 81/080	2. GOVT ACCESSION NO. AD-A110 241	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Myrtle Beach AFB, South Carolina		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
		6. PERFORMING ORG. REPORT NUMBER															
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12. REPORT DATE 07 AUG 81															
		13. NUMBER OF PAGES 400															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
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) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*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)
*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 statistical summary of surface weather observations for Myrtle Beach AFB, South Carolina 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 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 (over)																	

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*South Carolina Myrtle Beach AFB, South Carolina

20. 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
occurrence or cumulative percentage frequency of occurring tables.

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Note that during the period of record Jan 73 through Jul 74, Myrtle Beach AFB weather station had limited operating hours. Generally, the station was closed during the hours 2300 LST through 0600 LST, and therefore total observation counts for these hours were reduced 10-20%. Although the effects are not always obvious, this change from full time to part time operations for this 19 month period will affect this summary. Therefore all users of this RUSSWO should be aware of the following:

- a. The months of Jan through Jun, for the hours 00-02 LST and 03-05 LST, contain 8 years of data and may not be representative of meteorological conditions existing during 1973 and 1974.
- b. During Daylight Savings Time (May 73-Oct 73, Jan 74-Jun 74), no observations were reported at 23 LST. Hence the hour group 21-23 LST will be slightly biased towards the first two hours for the months Jan through Oct.
- c. During Standard Time (Jan 73-Apr 73, Nov 73-Dec 73), no observations were reported at 0600 LST. Hence, the hour group 06-08 LST will be slightly biased towards the latter two hours for the months Jan through Apr and Nov to Dec.

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

Generally 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. Calculations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 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 13717	STATION NAME Myrtle Beach AFB SC	LATITUDE N 33 41	LONGITUDE W 078 56	FIELD ELEV (FT) +26	CALL SIGN MYR	WMO NUMBER 74791
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STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAT
			FROM	TO			FIELD (FT)	HT BARO.	
1	Myrtle Beach AAB SC	AAF	Nov 42	Jul 47	N 33 41	W 078 56	25	28	24
2	Myrtle Beach CAA SC	CAA	Jan 49	22 Nov 56	Same	Same	25	25	24
3	Myrtle Beach AFB SC	AFB	23 Nov 56	May 72	Same	Same	Same	Same	24
4	Same	Same	Jun 72	Mar 77	Same	Same	Same	Same	16 to 24
5	Same	Same	Mar 77	Jun 81	Same	Same	26	30	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 42- Jul 46	Located on the Base Operations Bldg	Selsyn	ML-144B	56 ft	
2	Aug 46- Jul 47	Same	Same	Same	55 ft	
3	Jan 49- 22 Nov 56	Located on the roof.	F420A	None	30 ft	
4	23 Nov 56 to Feb 59	Located on top of Control Tower.	AN/GMQ-1	ML204	57 ft	
5	Mar 59- Feb 62	Located 3425 ft NNE of Station.	AN/GMQ-11	RO-2	10 ft	
6	Mar 62- Feb 63	Located 1675 ft N of Station, 850ft W of centerline of Rnwy 17/35.	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 63-	1. Same	AN/GMQ-11	RO-2	10 ft	
	Feb 70	2. Located 500 ft from S end of rnwy 850 ft W of centerline.	Same		Same	
8	Mar 70-	1. Located 500 ft from end of rnwy 17,575 ft W of centerline.	Same	RO-362	Same	
	Jun 71	2. Located 750 ft from end of rnwy 35,750 ft W of centerline.	Same		Same	
9	Jul 71-	1. Same	AN/GMQ-20	Same	Same	
		2. Located 1075 ft from end of rnwy 35,750 ft W of centerline.	Same		Same	
10	Dec 72-	1. Same	Same	Same	14 ft	
	Jun 81	2. Same	Same	Same	14 ft	

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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		9.1				9.1	17.2	2.7			19.3	750
	03-05	.3	10.1				10.1	18.5	1.6			20.0	750
	06-08	.2	11.0	.2	.3		11.3	27.2	5.7			30.4	894
	09-11	.1	10.9	.2	.8		11.6	20.7	10.8			28.7	929
	12-14	.3	10.7	.3	.4		11.4	13.1	7.2			19.5	929
	15-17	.4	10.7	.3	.8		11.6	13.9	5.6			18.2	929
	18-20	.1	8.7	.2	.3		8.9	16.3	5.6			21.2	930
	21-23		8.6	.4	.4		9.2	15.3	3.9			18.9	906
TOTALS		.2	10.0	.2	.4		10.4	17.8	5.4			22.0	7017

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		4.1		.1		4.3	15.9	4.1		.9	20.2	679
	03-05		5.6		.7		6.2	16.0	4.7		.9	21.2	680
	06-08	.4	9.2	.4	1.0		10.0	25.2	9.8		.7	32.6	817
	09-11	.2	9.3	.1	.7		10.0	14.9	10.0	.4	.6	24.9	843
	12-14	.2	7.6	.4	.6		8.3	11.0	5.4	.4	.4	16.6	845
	15-17		6.0	.4	.7		7.0	9.6	7.3	.4	.4	16.3	846
	18-20	.4	8.1	.2	.6		8.8	11.1	7.3	.4	.7	17.4	844
	21-23	.5	8.1		.1		8.3	12.5	3.5		.7	15.4	810
TOTALS		.2	7.3	.2	.6		7.9	14.5	6.5	.2	.7	20.6	6364

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	42.6			20.0						12.3	25.1	4.2	756
	03-05	41.5			20.3						13.0	25.2	4.3	749
	06-08	26.5			25.7						21.2	26.7	5.3	873
	09-11	26.3			26.9						20.6	26.1	5.3	896
	12-14	20.7			32.0						20.6	26.7	5.5	894
	15-17	17.5			31.1						23.2	28.1	5.8	899
	18-20	23.3			28.3						22.1	26.2	5.5	900
	21-23	36.1			24.7						15.3	23.8	4.5	869
	TOTALS	29.3			26.1						18.5	26.0	5.1	6836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
MAY	00-02	34.2			25.8							13.6	26.4	4.6	743
	03-05	28.1			28.2							16.5	27.3	5.1	741
	06-08	19.1			25.2							28.6	27.1	6.0	922
	09-11	16.9			27.7							29.7	25.6	6.1	920
	12-14	8.4			36.5							31.5	23.7	6.3	930
	15-17	10.2			33.0							30.5	26.2	6.4	930
	18-20	10.4			31.8							27.0	30.8	6.5	929
	21-23	26.1			28.2							19.7	26.0	5.2	869
	TOTALS	19.2			29.6							24.6	26.6	5.8	6992

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13717

MYRTLE BEACH AFB SC

69-70, 73-80

JUN

STATION

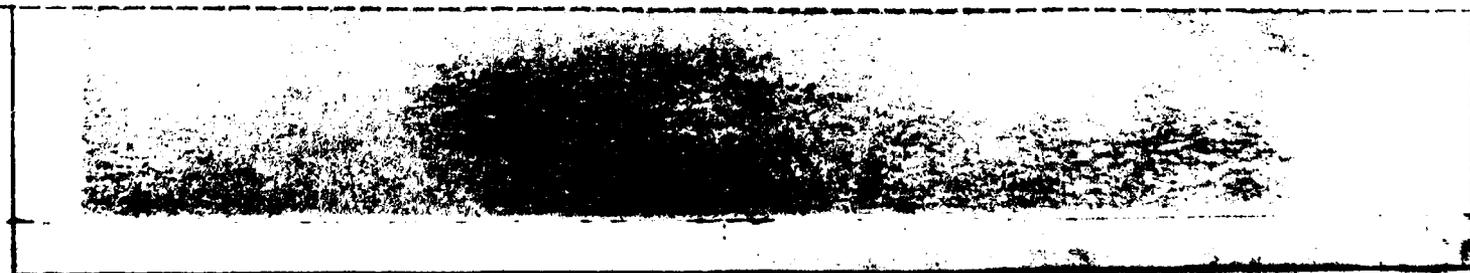
STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	25.9			35.4						17.2	21.5	4.8	721
	03-05	18.8			35.8						23.2	22.2	5.4	729
	06-08	11.0			30.3						30.1	28.6	6.5	881
	09-11	10.6			32.1						28.6	28.7	6.4	899
	12-14	3.6			37.2						32.8	26.5	6.7	899
	15-17	4.8			34.3						30.6	30.3	6.8	875
	18-20	7.7			31.4						30.5	30.4	6.7	866
	21-23	18.3			35.9						22.7	23.0	5.4	818
	TOTALS	12.6			34.1						27.0	26.4	6.1	6688



2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	18.5			38.3						21.1	22.1	5.3	793
	03-05	17.4			42.4						22.1	18.1	5.1	792
	06-08	8.2			39.3						34.2	18.2	6.1	923
	09-11	9.0			39.1						33.8	18.1	6.0	929
	12-14	2.5			41.4						35.5	20.6	6.5	929
	15-17	4.4			41.0						34.9	19.7	6.3	916
	18-20	6.8			33.9						33.1	26.2	6.6	915
	21-23	12.4			38.6						23.9	25.1	5.8	876
TOTALS		9.9			39.3						29.8	21.0	6.0	7073

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	.9	9.5		.4		9.9	20.0	3.9	.1		22.5	765
	03-05	.4	9.7				9.7	22.4	1.7			23.7	764
	06-08	.8	9.6				9.6	29.9	9.4			35.7	903
	09-11	.6	9.4	.1	.4		9.8	16.4	10.9			25.0	929
	12-14	.4	7.7	.3	.6		8.4	9.9	9.0			17.6	930
	15-17	.3	8.9	.2	.4		9.5	8.9	9.0		.1	17.0	930
	18-20	.8	8.4	.2	.3		8.9	11.9	11.1	.1	.3	21.9	930
	21-23	.7	8.0	.3	.3		8.7	15.0	9.7	.1	.1	22.7	899
TOTALS		.6	8.9	.1	.3		9.3	16.8	8.1	.0	.1	23.3	7050

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.5	4.2				4.2	11.1	4.0			14.8	759
	03-05	.5	6.4				6.4	16.2	4.2			19.5	755
	06-08	.6	5.6				5.6	21.9	18.1			34.7	880
	09-11	.3	3.7				3.7	3.6	9.8			12.6	897
	12-14	.4	3.0				3.0	1.9	7.6			9.0	897
	15-17	.9	3.3				3.3	1.7	5.7		.1	7.2	899
	18-20	1.2	4.6				4.6	3.4	8.6			11.0	900
	21-23	.5	4.3				4.3	6.4	6.2			11.0	870
TOTALS		.6	4.4				4.4	8.3	8.0		.0	15.0	6857

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.3	6.6				6.6	11.7	11.8			21.1	744
	03-05	1.3	5.1				5.1	26.7	13.3			33.6	746
	06-08	.9	4.7				4.7	26.2	28.0			44.6	927
	09-11	.9	4.7				4.7	5.8	21.3			25.5	929
	12-14	1.7	4.9			.1	4.9	3.4	18.4			21.1	930
	15-17	4.3	6.7				6.7	2.4	18.1			26.2	930
	18-20	3.3	6.9				6.9	4.6	18.7			22.3	930
	21-23	1.5	4.9				4.9	5.6	15.4			19.4	869
TOTALS		1.9	5.6			.0	5.6	10.8	18.1			26.0	7005

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIG WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	TFS W/DP. (CM)	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	2.4	2.2				2.2	9.6	11.1			17.5	721
	03-05	1.9	4.2				4.2	25.4	11.3			31.4	733
	06-08	.4	4.2				4.2	26.0	27.1			43.4	889
	09-11	1.2	4.6				4.6	3.2	21.0			23.1	900
	12-14	2.9	5.6				5.6	1.4	19.0			20.4	900
	15-17	5.0	6.5				6.5	2.1	16.9			18.6	875
	18-20	5.0	6.0			.1	6.0	2.5	20.2		.1	21.7	867
	21-23	2.2	4.6				4.6	4.4	17.8			20.0	818
TOTALS		2.6	4.7			.0	4.7	9.3	18.1		.0	24.5	6703

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.9	3.4				3.4	7.0	21.8			26.4	798
	03-05	2.0	4.5				4.5	19.5	26.2			37.3	798
	06-08	.6	1.6				1.6	25.1	37.4			49.5	926
	09-11	.8	2.2				2.2	1.0	27.1			27.6	930
	12-14	5.4	4.5				4.5	.5	24.6			25.2	930
	15-17	8.3	8.7			.1	8.7	1.7	24.1			25.2	920
	18-20	8.0	8.1				8.1	2.7	26.8			28.5	918
	21-23	5.2	5.7				5.7	3.0	24.7			27.0	878
TOTALS		4.2	4.8			.0	4.8	7.6	26.6			30.8	7098

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1317 MYRTLE BEACH AFB SC 69-70,73-80 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	1.7	4.2				4.2	9.6	20.0			26.1	840
	03-05	2.3	4.5				4.5	20.4	24.2			36.3	840
	06-08	2.7	6.5				6.5	34.0	32.8			52.9	927
	09-11	1.4	6.3				6.3	4.7	22.3			26.2	927
	12-14	4.5	7.2				7.2	1.3	18.2			19.3	927
	15-17	6.9	7.6				7.6	1.4	19.7			20.9	929
	18-20	6.0	7.6				7.6	4.3	20.3			23.5	930
	21-23	3.3	6.2				6.2	4.8	17.8			21.3	900
TOTALS		3.6	6.3				6.3	10.1	21.9			28.3	7220

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.9	3.8				3.8	11.6	13.0		.1	22.2	810
	03-05	.7	5.7				5.7	25.3	15.1			35.2	810
	06-08	.9	7.2				7.2	43.9	33.1			61.9	900
	09-11	.4	7.2				7.2	7.1	31.0			36.0	900
	12-14	1.4	8.0				8.0	3.4	24.2			26.9	900
	15-17	3.8	6.9				6.9	2.1	20.9		.1	22.7	900
	18-20	3.3	7.2				7.2	4.4	23.1		.1	26.0	900
	21-23	2.2	5.3				5.3	7.5	15.6		.1	20.6	870
TOTALS		1.7	6.4				6.4	13.2	22.0		.1	31.4	6990

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 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13717 MYRTLE BEACH AFB SC 69-70,73-80 OCT
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	.5	4.9				4.9	16.4	7.3			20.8	836
	03-05	.7	4.3				4.3	24.2	8.0			27.9	838
	06-08	.3	5.5				5.5	35.1	16.7			44.0	923
	09-11	.3	6.0				6.0	7.7	17.7			23.5	927
	12-14	.3	4.8				4.8	2.6	9.3			11.6	928
	15-17	.2	4.2				4.2	1.9	7.4			9.2	930
	18-20	.9	4.0				4.0	3.8	10.8			13.4	930
	21-23	.1	4.2				4.2	6.9	8.0			12.7	903
TOTALS		.4	4.7				4.7	12.3	10.7			20.4	7215

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

19717 MYRTLE BEACH AFB SC 69-70,73-80 NOV
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		6.2				6.2	18.6	5.8			22.8	810
	03-05	.4	5.2				5.2	24.1	6.5			27.4	810
	06-08	.2	5.6				5.6	33.1	13.0			40.2	870
	09-11	.2	6.3				6.3	11.9	12.3			22.3	900
	12-14		5.6				5.6	6.2	6.7			12.6	900
	15-17	.1	6.3				6.3	7.0	7.2			13.7	900
	18-20	.1	7.1				7.1	10.3	7.3			15.8	900
	21-23	.4	5.7				5.7	15.4	7.9			20.3	900
TOTALS		.2	6.0				6.0	15.8	8.3			21.9	6990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

15717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		8.1	.1	.1		8.4	15.7	3.3			17.7	837
	03-05	.1	8.7	.1	.2		9.1	15.7	2.0			16.8	837
	06-08	.1	9.3	.3	.2		9.7	21.7	8.0			26.1	899
	09-11	.2	8.3		.2		8.5	13.1	9.1	.1		21.4	930
	12-14	.1	9.6				9.6	7.0	5.1			13.9	930
	15-17	.3	9.5				9.5	9.7	5.3			14.8	930
	18-20	.1	8.9				8.9	11.9	4.0			15.5	928
	21-23	.3	7.6				7.6	15.0	3.3			17.2	926
TOTALS		.2	8.8	.1	.1		8.9	14.0	5.0	.0		17.9	7217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17717 MYRTLE BEACH AFB SC 69-70,73-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	10.0	.2	.4		10.4	17.8	5.4			22.0	7017
FEB		.2	7.3	.2	.6		7.9	14.5	6.5	.2	.7	20.6	6364
MAR		.6	8.9	.1	.3		9.3	16.6	8.1	.0	.1	23.3	7050
APR		.6	4.4				4.4	8.3	8.0		.0	15.0	6857
MAY		1.9	5.6			.0	5.6	10.8	18.1			26.0	7005
JUN		2.6	4.7			.0	4.7	9.3	18.1		.0	24.5	6703
JUL		4.2	4.8			.0	4.8	7.6	26.6			30.8	7098
AUG		3.6	6.3				6.3	10.1	21.9			28.3	7220
SEP		1.7	6.4				6.4	13.2	22.0		.1	31.4	6990
OCT		.4	4.7				4.7	12.3	10.7			20.4	7215
NOV		.2	6.0				6.0	15.8	8.3			21.9	6990
DEC		.2	8.8	.1	.1		8.9	14.0	5.0	.0		17.9	7217
TOTALS		1.4	6.5	.1	.1	.0	6.6	12.5	13.2	.0	.1	23.5	83726

PART A

ATMOSPHERIC PHENOMENA

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

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

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

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

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW 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.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

17717 MYRTLE BEACH AFB SC 43-47, 49-54, 56-81 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.8	38.0	1.9	3.0		37.2	43.6	34.4			53.5	1072
FEB		3.9	38.0	1.2	3.1		36.8	43.2	37.6	.1		56.7	968
MAR		7.6	39.8	1.3	1.6	.3	37.4	44.1	32.9	.2		52.4	1068
APR		10.5	32.2	.1		.3	29.5	39.9	34.6			50.1	1034
MAY		17.7	36.9	.3		1.0	33.9	45.4	45.9			59.4	1043
JUN		26.9	43.9			.2	39.6	47.0	47.0			60.6	994
JUL		36.8	50.4			.1	45.5	42.9	47.3			58.5	1018
AUG		32.1	44.8			.1	40.5	50.8	51.3			64.7	1019
SEP		15.3	38.8				35.1	52.1	48.8			64.6	979
OCT		4.3	28.4	.1			25.6	46.0	44.7			59.1	1008
NOV		2.5	31.2	.2	.1		28.5	44.7	36.1			54.8	997
DEC		1.6	35.8	.5	1.1		32.9	40.4	30.3	.1		48.4	1056
TOTALS		13.5	38.2	.5	.7	.2	35.2	45.0	40.9	.0		56.9	12256

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

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

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

Continued on Reverse Side

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

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

2 GLOBAL CLIMATOLOGY BRANCH
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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SC

42-47, 49-54, 56-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-2*	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	58.2	9.3	2.4	6.5	4.6	5.4	6.6	4.4	2.4	.3				32.5	1116	3.47	8.21	.44
FEB	59.4	9.4	1.7	5.9	3.6	6.0	5.8	5.2	2.7	.2				31.1	1016	3.20	7.49	.92
MAR	56.7	8.2	1.8	5.3	4.5	5.8	7.4	5.8	4.3	.1				35.1	1085	4.66	9.39	1.05
APR	65.6	10.1	1.7	4.5	2.8	6.3	3.9	3.3	1.7	.1				24.3	1050	2.50	7.32	.05
MAY	67.1	11.5	1.9	4.9	3.1	6.1	4.4	4.1	3.4	.5				28.4	1085	3.72	11.42	.95
JUN	55.9	12.4	2.4	4.4	3.4	6.0	5.4	5.0	4.1	.9	.2			31.7	1050	5.24	10.18	1.25
JUL	46.7	12.2	3.4	6.1	3.8	7.5	7.3	6.4	5.5	.9	.1			41.1	1062	6.51	16.39	1.62
AUG	53.5	12.0	2.2	4.5	3.8	6.3	7.7	5.5	3.5	.9	.1			34.4	1054	5.56	14.64	1.05
SEP	60.0	9.4	2.2	5.8	3.4	5.2	4.2	4.4	3.8	1.2	.4			30.6	1020	5.53	13.74	1.00
OCT	73.1	8.2	1.6	3.2	1.8	3.7	2.7	2.8	2.6	.3	.1			18.7	1054	2.87	10.31	TRACE
NOV	68.3	10.1	1.2	4.4	3.1	5.0	2.9	2.9	1.6	.3	.1			21.6	1054	2.66	9.70	.00
DEC	62.8	9.3	2.2	4.9	3.8	5.6	4.5	4.1	2.7	.1				27.9	1115	3.25	6.51	.26
ANNUAL	60.0	10.2	2.1	5.0	3.5	5.7	5.2	4.5	3.2	.5	.1			29.8	12761	4.17		

USAFETAC FORM 0-15-5 (OL A)
 OCT 78

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 AFCE/TAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12/17 STATION MYRTLE BEACH AFB SC

42-47, 49-54, 56-61 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											* .00	.87	
43	.88	.71	1.59	1.61	.34	1.98	1.09	3.18	2.72	TRACE	.56	1.27	3.18
44	1.32	2.91	2.37	.74	1.20	3.08	2.45	3.14	1.77	1.06	.83	.87	3.14
45	.71	1.09	1.00	.82	1.08	6.26	2.83	2.14	3.35	.67	.68	1.72	6.26
46	1.30	1.06	.72	.97	1.15	1.08	1.60	2.38	.47	2.62	.78	.84	2.62
47	.81	.32	.88	.84	1.10	2.43*	1.52						
49	.41	.94	.59	.96	1.14	.82	1.51	1.58	4.33	1.35	.65	.51	4.33
50	.54	.45	1.85	.21	1.13	1.58	6.37	.85	2.49	1.38	.50	1.56	6.37
51	.15	.34	1.32	1.78	.80	1.33	1.03	.74	6.93	.17	1.92	.93	6.93
52	.64	1.80	.98	.35	1.64	2.59	1.28	4.75	4.91	1.09	1.69	.82	4.91
53	1.31	1.16	1.63	1.43	.86	1.56	.91	3.15	2.88	.22	1.25	1.84	3.15
54	.67	1.59	1.49	.45	2.59	1.82	1.24	.85	1.45	8.22	.36	.60	8.22
56											* .20	.16	
57	.50	1.36	1.19	.75	.95	1.85	1.47	2.16	5.71	.54	2.61	.92	5.71
58	1.51	1.53	.98	3.01	.85	2.04	1.64	4.50	3.87	1.68	.45	1.41	4.50
59	.49	.77	1.91	.91	1.83	1.58	3.66	.73	2.99	1.70	.51	2.36	3.66
60	1.73	1.38	1.42	.97	1.70	4.30	4.69	.87	4.86	.36	.24	.69	4.86
61	1.14	1.21	3.41	2.28	2.70	3.12	2.19	2.33	.92	.52	1.44	.31	3.41
62	.93	1.13	1.61	.94	.53	1.35	.98	1.55	3.90	.37	2.84	1.35	3.90
63	.97	.95	.44	1.45	1.43	2.59	.78	.45	1.06	1.98	2.29	.81	2.59
64	2.67	2.33	1.38	1.7	1.13	3.39	3.12	3.12	5.22	3.95	.54	3.11	5.22
65	.35	1.73	1.84	.61	.56	.86	1.74	2.04	.64	2.09	.27	.42	2.09
66	1.61	2.53	1.26	.12	2.80	.94	2.25	.57	.94	.63	.22	.94	2.80
67	1.23	1.01	.58	1.33	1.16	7.61	2.75	1.27	1.74	.41	.84	2.26	7.61
68	1.23	1.02	.47	.37	1.50	.41	2.86	.45	.53	3.11	1.19*	1.58	3.11
69	1.45	.41	1.94	1.73	.81	1.79	1.03	4.45	1.11	.63	9.47	1.12	4.45
70	1.53	.75	1.50	.48	1.97	1.49	1.18	3.30	2.61	2.22	.85	2.31	3.30
71	.74	.71	1.59	1.60	1.04	1.35	1.33	6.50	.36	1.95	1.01	.56	6.50
72	1.16	1.14	.56	.13	1.31	1.77	2.62	.85	1.71	.17	2.31	1.31	2.62
73	1.00	1.19	1.16	1.82	.61	1.94	1.45	1.16	1.21	.72	.55	2.19	2.19
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM D-88-B (OLA)
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1717 MYRTLE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-81
 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	3.53	1.04	1.43	.71	2.92	3.56	1.42	2.56	.49	.76	1.52	.94	3.63
75	1.13	1.11	1.36	1.17	1.66	.74	2.22	.66	1.66	1.09	1.31	.81	2.22
76	1.16	.52	1.39	.19	2.27	1.81	1.51	2.06	1.04	1.12	.93	1.58	2.27
77	.90	1.52	1.28	1.22	2.13	2.82	1.53	2.83	1.68	2.28	2.10	1.63	2.83
78	1.57	.69	2.19	1.26	1.32	1.09	2.37	1.93	2.16	.47	2.09	2.10	2.37
79	3.24	1.07	1.97	.70	2.89	2.12	.67	1.09	6.18	.55	2.70	1.41	6.18
80	1.03	.73	1.53	.50	1.17	4.40	1.41	.42	1.38	.64	.70	1.16	4.40
81	.41	.85											
MEAN	1.156	1.135	1.408	1.001	1.436	2.250	1.978	2.077	2.507	1.357	1.416	1.242	4.343
SD	.742	.586	.616	.643	.709	1.530	1.170	1.458	1.817	1.531	1.608	.674	1.938
TOTAL OBS.	1116	1016	1085	1050	1085	1050	1062	1054	1020	1054	1054	1115	12761

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 80

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1917 MYRTLE BEACH AFB SC 42-47, 49-54, 56-61
 STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											* .00	2.39	
43	3.19	1.55	7.37	3.21	1.71	3.02	5.54	9.52	5.10	TRACE	.84	2.90	43.54
44	3.63	4.83	9.04	2.43	2.49	6.51	7.47	5.27	3.27	1.41	1.36	1.44	49.19
45	1.79	3.91	1.38	2.36	2.04	9.39	9.82	10.62	9.29	1.00	1.44	5.75	58.79
46	3.50	2.59	3.04	2.54	1.84	2.30	7.03	6.73	1.19	3.87	1.61	.91	36.47
47	2.86	.92	5.03	2.59	2.50	7.30*	2.58						
49	.78	2.88	2.37	3.59	2.50	2.61	4.34	4.01	5.72	4.23	1.41	1.12	35.56
50	1.04	1.09	4.68	.39	4.00	4.10	15.77	2.86	6.08	2.04	.62	4.92	47.59
51	.44	1.11	4.68	6.12	.95	4.56	2.96	2.19	13.74	.16	3.25	2.41	42.59
52	1.56	3.79	4.24	.98	3.84	8.57	3.18	9.97	9.14	2.06	4.71	2.68	54.72
53	3.15	4.38	5.36	3.03	1.89	3.43	2.65	11.32	9.51	.46	5.49	5.99	56.66
54	1.94	3.62	3.84	.98	4.11	2.15	3.57	1.97	3.06	9.41	.95	2.75	38.35
56											* .20	.26	
57	1.98	3.57	4.88	1.49	7.22	6.29	3.54	7.94	11.37	1.13	5.33	3.93	52.66
58	4.48	3.76	4.59	5.88	2.38	7.20	4.66	7.40	7.20	3.90	.56	3.58	55.59
59	2.25	3.69	5.68	1.93	5.27	5.17	12.03	2.49	7.35	6.75	1.28	4.00	57.89
60	4.23	3.64	5.03	1.74	3.52	6.22	16.39	2.49	7.98	.94	.80	2.31	55.49
61	2.04	3.68	4.91	7.32	5.45	6.89	3.94	6.02	3.53	1.25	3.31	1.20	49.54
62	3.62	2.90	5.13	3.90	1.00	7.28	3.34	5.50	9.15	1.08	4.83	1.78	49.56
63	4.45	4.15	1.52	2.25	3.58	6.73	4.34	1.05	3.28	2.54	4.60	2.25	40.74
64	8.21	7.49	4.66	2.53	1.74	10.18	10.47	5.43	7.24	7.74	.89	5.40	71.98
65	1.59	6.43	9.39	1.48	1.43	3.98	6.94	5.25	1.89	2.41	.60	.74	42.13
66	7.03	4.75	3.17	.42	6.57	2.79	7.27	2.99	2.93	.85	.37	4.41	43.59
67	5.83	2.85	1.73	1.90	3.70	9.27	11.53	4.96	3.72	.50	1.64	3.81	51.44
68	2.78	1.72	1.05	2.16	4.34	1.25	14.24	1.29	1.13	7.22	3.07*	3.05	*43.30
69	2.96	1.76	5.81	3.92	1.83	4.62	2.98	10.72	2.21	1.51	9.70	3.90	51.92
70	3.10	2.66	7.23	.93	2.76	3.31	3.64	7.86	8.07	7.32	.96	3.32	51.16
71	3.98	2.29	5.18	4.58	3.12	4.96	7.73	14.64	1.00	10.31	1.63	1.71	60.43
72	5.41	4.38	2.18	.05	5.25	2.93	6.37	4.34	3.16	.21	7.34	3.97	45.59
73	4.45	3.69	3.27	3.61	2.49	6.97	5.44	4.56	3.58	1.40	1.79	6.51	47.76
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

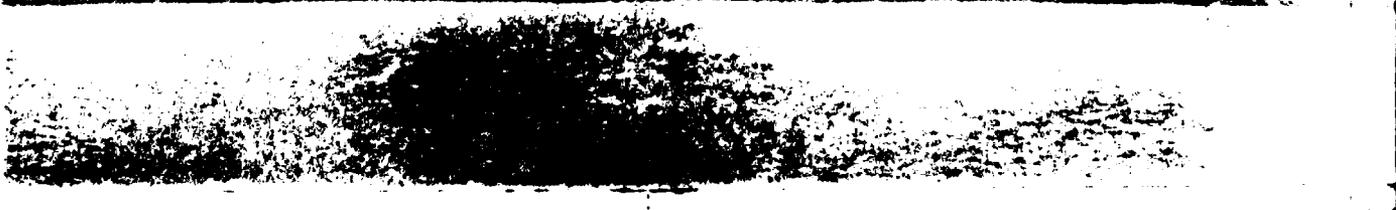
14717 MYRTLE BEACH AFB SC 42-47, 49-54, 56-81
 STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	5.21	3.92	4.15	1.25	11.42	5.18	3.78	1.85	1.55	.52	3.22	3.47	54.62
75	4.25	3.78	4.44	3.09	3.76	3.22	7.14	1.70	7.50	2.63	1.66	4.44	47.57
76	3.01	1.31	3.40	.31	8.21	7.02	5.55	4.97	3.99	3.83	2.74	5.58	49.97
77	3.39	2.20	5.73	1.39	4.08	5.65	2.74	5.73	5.43	5.08	3.75	5.74	50.88
78	4.64	1.76	3.53	3.58	5.72	2.01	9.56	5.46	2.97	.87	3.00	3.13	46.25
79	6.15	3.99	6.16	1.59	7.12	3.35	1.62	2.50	12.41	.64	3.42	2.25	51.19
80	4.85	1.59	9.03	1.77	4.46	7.10	3.91	1.22	3.37	2.15	2.13	3.42	45.00
81	.97	2.56											
MEAN	3.467	3.201	4.658	2.499	3.723	5.243	6.514	5.562	5.529	2.870	2.656	3.249	40.599
S.D.	1.779	1.454	2.074	1.671	2.193	2.338	3.894	3.414	3.405	2.816	2.116	1.660	7.451
TOTAL OBS.	1116	1016	1085	1050	1085	1057	1062	1054	1023	1054	1054	1116	12761

NOTE * (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-81
YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4	MEAN			GREATEST	LEAST	
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	96.7	2.8	.4	.1										.5	1023	TRACE	.7	.0	
FEB	96.9	2.1	.1	.8		.1								1.0	931	.3	4.3	.0	
MAR	98.4	1.3	.1	.1				.1						.3	992	.2	5.6	.0	
APR	100.0														960	.0	.0	.0	
MAY	100.0														992	.0	.0	.0	
JUN	100.0														960	.0	.0	.0	
JUL	100.0														969	.0	.0	.0	
AUG	100.0														961	.0	.0	.0	
SEP	100.0														930	.0	.0	.0	
OCT	100.0														961	.0	.0	.0	
NOV	99.9	.1													938	TRACE	TRACE	.0	
DEC	98.7	1.0	.3											.3	992	TRACE	.4	.0	
ANNUAL	99.2	.6	.1	.1		.0		.0						.2	11609	.5			

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

17/17 MYRTLE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-81
 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
47	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
50	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
54	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56											*	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 84



GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

42717 MYRTLE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-71
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
75	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.7	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.7
78	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
80	TRACE	TRACE	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.2
81	TRACE	.0											
MEAN	.14	.22	.19	.00	.00	.00	.00	.00	.00	.00	TRACE	.00	.16
S.D.	.134	.656	.930	.000	.000	.000	.000	.000	.000	.000	.000	.075	1.117
TOTAL OBS.	1023	931	902	950	992	960	969	961	937	968	928	992	1160

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 84

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

117 MYBILE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-61
 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1
47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
49	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
50	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	TRACE
54	TRACE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
56											.0	.1	.1
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
58	.0	1.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	1.1
59	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	.0	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
63	TRACE	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
66	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	1.4	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
69	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
72	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1
73	TRACE	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

1717 MYRTLE BEACH AFB SC

42-47, 49-54, 56-81

STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	99.9	.1															1116		
FEB	98.8	.4	.4		.1	.3											.8	1015	
MAR	99.5	.3			.1	.1											.2	1085	
APR	100.0																	1049	
MAY	100.0																	1084	
JUN	100.0																	1050	
JUL	100.0																	1060	
AUG	100.0																	1051	
SEP	100.0																	1020	
OCT	100.0																	1054	
NOV	100.0																	1058	
DEC	99.5	.2	.2	.1		.1											.4	1116	
ANNUAL	99.8	.1	.0	.0	.0	.0											.1	12758	

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1717 MYRTLE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-81
 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													7	5
43			0	0	1	0	0	0	0	0	0	0	6	0
44			0	0	0	0	0	0	0	0	0	0	0	0
45			0	0	0	0	0	0	0	0	0	0	0	0
46			0	0	0	0	0	0	0	0	0	0	0	0
47			0	0	0	0	0*	0	0	0	0	0	0	0
49			#	0	0*	0	0	0*	0	0	0	0	0	0
50			0	0	0	0	0	0	0	0	0	0	0	0
51			0	0	0	0*	0	0	0	0	0	0	0	0
52			0	0	0	0	0	0	0	0	0	0	0	0
53			0	0	0	0	0	0	0	0	0	0	0	0
54			0	0	0	0	0	0	0	0	0	0	0	0
56			0	0	0	0	0	0	0	0	0	0	0	0
57			0	0	0	0	0	0	0	0	0	0	0	0
58			1	0	0	0	0	0	0	0	0	0	TRACE	1
59			0	0	0	0	0	0	0	0	0	0	0	0
60			0	TRACE	0	0	0	0	0	0	0	0	0	TRACE
61			0	0	0	0	0	0	0	0	0	0	0	0
62			0	0	0	0	0	0	0	0	0	0	0	0
63			TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
64			0	0	0	0	0	0	0	0	0	0	0	0
65			0	0	0	0	0	0	0	0	0	0	0	0
66			0	0	0	0	0	0	0	0	0	0	0	0
67			0	0	0	0	0	0	0	0	0	0	0	0
68			1	0	0	0	0	0	0	0	0	0	0	1
69			0	0	0	0	0	0	0	0	0	0	0	0
70			TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
71			0	0	0	0	0	0	0	0	0	0	0	0
72			0	0	0	0	0	0	0	0	0	0	0	0
73			0	0	0	0	0	0	0	0	0	0	0	0
MEAN														
S. D.														
TOTAL OBS.														

NOTE * (BASED ON LESS THAN FULL MONTHS)

FEDERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

12-17 MYRTLE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-81
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0	0	0	0	0
79	0	1	0	0	0	0	0	0	0	0	0	0	1
80	0	0	5	0	0	0	0	0	0	0	0	0	5
81	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	TRACE	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.6
S. D.	.000	.277	.845	.000	.000	.000	.000	.000	.000	.000	.000	1.000	1.583
TOTAL OBS.	1110	1015	1085	1049	1084	1050	1060	1101	1020	1054	1058	1116	12758

NOTE * (BASED ON LESS THAN FULL MONTHS.)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak 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.

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."

- *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.

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

117 MYRTLE BEACH AFB SC 42-47, 49-54, 56-61
 STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43													
44													
45													
46	NW 33W *43S	33WNW 41S	*28NE *27WSW*33						W *21			NNW*72	
47	SW *37SW	36WNW 46SW	32WSW 35SSW 32										
49													
50													
51													
52													
53													
54													
56													
57									ENE*26N	*26W	30SW	32	
58	NNW 27W	40E *31NNE*37SSW	25WNW*32NNW*24SSW*24NNW*56N	*27NW	25E *30	NNW*56							
59	W *33NNW*30WSW*34N	*31WSW*51WNW	38E *39SSW	26E	45SSW	31W *35W	37	WSW*31					
60	ENE 36SW *42WSW	37WSW*33W	41SSW*26N	29SSW	22WNW*27NNW	27N	24W	47	W	47			
61	WNW 29WSW*38S	39SE	40NNW	27SSW	32WSW	30NNW*28NNE*28N	*29SSW	*25SW	31	SE	47		
62	W 29NW	43N	34NW	37N	27SSW*30SSE*25N	*35NNE	31N	29SSW	40W	32	NW	43	
63	NNW*37WSW*33W	*38NNW*33N	*26E	*24W	*30N	*29S	*35N	*36NW	*35NNW*37	N	*38		
64	W *47SW	*37WNW*38S	*30ENE	34E	*28WSW*45E	*30S	*32W	*31SSW*25N	39	W	*47		
65	W *39S	*90E	*34W	*34NNW*34WNW*24NNE*19S	*19ENE*20S	*33WNW*32NNW*36	S	*90					
66	NNW*40SSW*51N	*31W	*34S	*23NNE*25N	*26N	22ESE	20SSW	24WSW	28SW	28	SSW*51		
67	W 31NNW	30S	40NNW*31WSW	32NE	36S	24NE	19N	22S	27NW	37WNW	30	S	43
68	ESE 29WNW	30WNW	39N	31E	21ENE	23	4/ 4036/	2625/	2020/	30	3/ 2834/	39	4/ 43
69	34/ 2932/	3628/	3936/	3718/	2536/	3419/	2830/	3811/	2211/	2836/	3716/	38	28/ 39
70	33/ 2834/	30	6/ 3319/	3814/	31	3/ 3019/	2719/	2519/	26	1/ 3021/	2711/	46	11/ 46
71	33/ 4027/	3619/	4324/	3419/	28	3/ 2136/	2630/	4232/	36	2/ 2931/	31	3/ 30	19/ 43
72	27/ 3127/	4026/	3123/	3336/	38	31/ 4027/	4629/	4236/	34	1/ 2929/	3131/	36	27/ 46
73	16/ 37	2/ 4128/	4219/	3624/	44	6/ 28	6/ 4520/	25	7/ 2815/	25	1/ 2836/	35	6/ 45
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)



FEDERAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

1717 STATION MYRTLE BEACH AFB SC STATION NAME 42-47, 49-54, 56-58 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	29/ 2823/	4226*	4218/	3024/	4727/	3636*	2718*	2415/	34 2/	2431/	2828/	25	24/ 47
75	27/ 2325/	3021/	3033/	3634*	2933/	3034/	3627/	2335/	3319/	3023/	2827/	25	33/ 36
76	36/ 2727/	4627/	30 3/	2726/	3921/	2231/	26 8/	3112/	2619/	3734/	3030/	25	27/ 46
77	27/ 3529/	3029/	3527/	36 4/	3136/	5124/	2524/	3032/	3029/	2830/	3330/	32	36/ 57
78	23/ 4928/	3016/	2820/	2921/	3421/	29 6/	4122/	2336/	2535*	23 1/	2119/	31	23/ 45
79	27/ 3935/	3217/	3120/	3327/	2820/	2817/	2034/	2915/	4935/	2819/	3134/	28	15/ 39
80	33/ 2831/	3532/	3425/	3033/	30 6/	2130/	3634/	26 3/	17 0/	2618/	24 1/	40	1/ 40
81	36/ 3229/	32											
MEAN	31.3	35.5	35.7	34.1	32.3	31.2	31.9	28.1	29.3	23.4	29.5	34.7	44.4
S.D.	4.953	5.350	4.947	4.023	6.740	7.595	8.128	7.019	8.709	3.061	4.789	5.768	3.806
TOTAL OBS.	748	682	703	700	713	691	670	665	684	703	684	715	8358

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-6 (OLA)
JUL 64

§ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,74-81 YEARS JAN MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER 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	4.5	4.3	3.2	1.2								13.2	5.4
NNE	1.1	3.5	1.6									6.1	5.1
NE		.5	.5									1.1	6.5
ENE	.1	.7	.9									1.7	6.2
E	.3	1.1	.8									2.1	5.8
ESE		.3										.3	6.0
SE	.3	.3										.5	3.3
SSE	.3	.3										.5	3.5
S	.1	.9	1.2	.3	.1							2.7	8.0
SSW	1.1	1.1	.5	.1		.1						2.9	5.7
SW	1.2	2.4	.8		.3							4.7	5.5
WSW	1.3	1.9	1.6	.1								4.9	5.4
W	2.7	4.0	2.3	.8								9.7	5.5
WNW	.5	2.1	3.5	.4								6.5	7.2
NW	.3	2.1	1.9	.5								4.8	7.1
NNW	2.1	2.1	1.6	.5								6.4	5.6
VARBL													
CALM												31.7	
	15.9	27.5	20.4	4.0	.4	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,74-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	5.5	3.3	1.2								14.9	5.4
NNE	1.7	2.5	.9									5.2	4.6
NE	.5	1.1	.8									2.4	5.2
ENE	.1	.4	.3	.1								.9	7.0
E	.7	1.3	.3									2.3	4.9
ESE	.1	.5										.7	4.2
SE	.1											.1	3.0
SSE		.4	.1	.1								.7	7.2
S	.7	1.1	1.2	.4								3.3	6.8
SSW	1.1	1.1	.8	.5								3.5	5.9
SW	1.3	.9	.7	.1								3.1	4.7
WSW	.8	2.4	1.1	.4								4.7	6.1
W	.9	2.8	2.3	.7								6.7	6.4
WNW	.9	2.8	2.8	.7								7.2	6.5
NW	1.2	2.1	2.3	.4								6.0	6.3
NNW	2.3	2.8	2.3	.5								7.9	5.7
VARB													
CALM												10.5	
	17.5	27.7	19.1	5.2								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

150

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS JAN MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.8	6.3	2.9	.7	.1							15.8	5.0
NNE	1.3	1.8	2.0	.1								5.3	5.6
NE	.2	1.1	1.3									2.7	6.6
ENE		.6	.2									.8	5.9
E	.4	1.0	.8									2.2	5.0
ESE	.1	.1										.2	3.0
SE	.3	.1										.4	3.0
SSE	.2	.3	.2	.2								1.0	7.4
S	.9	.8	1.2	.2								3.1	6.0
SSW	1.1	.7	1.0	.4	.1							3.4	7.0
SW	.8	1.1	.8									2.7	4.9
WSW	1.2	2.5	1.5	.2	.1							5.5	5.5
W	2.2	4.6	1.6	.7	.1							9.2	5.5
WNW	1.3	2.7	1.5	.3								5.8	5.8
NW	.6	2.9	1.9	.1								5.5	6.2
NNW	2.6	2.3	3.1	.6								8.6	5.8
VARBL													
CALM												27.9	
	19.2	28.9	20.0	3.6	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS JAN MONTH 0900-1100 HOURS (L.S.T.)
 ALL WEATHER 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	1.9	4.4	5.8	3.4	.1							15.7	7.8
NNE	1.1	3.7	3.7	1.0								9.4	6.9
NE	.5	1.5	1.7	.3								4.1	6.6
ENE	.9	1.6	1.7	.2								4.4	6.2
E	1.1	.6	1.2									2.9	5.0
ESE	.6	.6										1.3	4.1
SE	.3	.4	.1	.2								1.1	6.4
SSE	.2	.8	.6	.4	.1							2.2	8.0
S	.6	.6	1.1	.5								2.9	7.1
SSW	.5	.6	1.6	.5								3.3	7.5
SW	.5	1.0	1.3	.1								2.9	6.7
WSW	.5	2.3	1.2	.4	.1							4.5	6.6
W	1.6	4.2	4.4	1.1	.1							11.4	6.8
WNW	.6	1.8	2.8	1.3	.1							6.7	8.1
NW	1.0	2.4	2.8	.8	.1							7.0	7.2
NNW	1.2	2.7	3.4	1.1	.1							8.5	7.3
VARBL													
CALM												11.7	
	13.3	29.3	33.5	11.4	.8							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 70, 73-81 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.9	5.7	3.0	.1							13.3	8.2
NNE	.5	1.3	2.4	.5								4.7	7.4
NE	.3	.2	1.0	.1								1.6	7.1
ENE	.1	.5	1.6									2.3	7.4
E	.4	2.4	3.4	.5								6.8	6.7
ESE	.6	2.8	1.1									4.5	5.3
SE	.4	2.5	.8									3.7	5.2
SSE	.9	2.8	1.1	.1								4.8	5.4
S	.5	2.9	4.4	1.2								9.0	7.7
SSW	.4	.8	1.6	.4								3.2	8.0
SW		.8	1.1	.2								2.0	7.6
WSW	.1	1.3	2.0	.5	.2							4.2	8.5
W	.5	2.3	6.6	1.7	.4							11.5	8.8
WNW	.8	1.3	4.2	1.9								8.2	8.2
NW	.2	2.2	3.2	1.3	.2							7.1	8.5
NNW	1.0	1.8	3.7	2.4	.1							8.9	8.5
VARBL													
CALM												4.0	
	8.5	28.6	43.8	14.0	1.1							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS JAN MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER 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	.5	5.0	3.6	3.0	.2							12.3	6.2
NNE	.4	1.3	1.2	.1								3.0	6.3
NE	.1	.4	.5	.1								1.2	6.5
ENE	.3	.9	.4									1.6	5.2
E	.8	2.5	2.4	.2								5.8	6.2
ESE	1.4	2.0	.6	.2								4.3	4.8
SE	1.1	2.0	.6									3.8	4.7
SSE	1.1	3.0	1.0									5.1	4.9
S	1.2	5.5	5.7	1.5								13.9	6.9
SSW	.6	1.0	2.5	.5								4.6	7.4
SW	.4	.3	.8									1.5	5.7
WSW	.5	.9	1.6	.1	.3							3.4	7.8
W	.5	2.7	4.6	1.5	.5							9.9	8.6
WNW	.4	2.5	4.0	2.2								9.0	8.5
NW	.4	1.8	3.6	1.6	.2							7.6	8.6
NNW	1.0	3.0	2.3	1.5	.1							7.9	7.4
VARBL													
CALM												5.1	
	10.9	34.8	35.3	12.6	1.4							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS JAN MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	4.9	3.5	.9	.2	.1						12.9	6.0
NNE	.4	1.2	.8	.2								2.6	6.1
NE	.3	.5	.8									1.6	5.7
ENE	.3	.6	1.0									1.9	6.1
E	.9	1.9	1.3									4.1	5.4
ESE	.6	.5										1.2	3.2
SE	1.0	.3	.2									1.5	3.5
SSE	.9	.3	.2									1.4	3.9
S	2.3	3.0	1.9	.8	.1							8.1	5.9
SSW	2.0	2.5	2.0	.3								6.9	5.5
SW	1.0	1.3	.5									2.8	4.4
WSW	1.0	1.6	.5									3.1	4.4
W	2.5	2.2	1.9	1.1	.4							8.1	6.6
WNW	1.4	1.8	1.2	.5								4.9	5.9
NW	.3	1.1	2.0									3.4	6.8
NNW	1.0	2.2	.5									3.7	4.6
VARBL													
CALM												31.8	
	19.0	26.0	18.5	3.8	.8	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.6	2.3	1.2	.1							9.2	6.1
NNE	.8	1.8	1.2	.2								4.0	5.9
NE	.4	1.2	.3									2.0	4.9
ENE	.1	.7	.7									1.4	5.9
E	.6	2.3	1.7									4.5	5.9
ESE		.2										.2	5.5
SE	.1	.1		.1								.3	7.0
SSE	.8	.3										1.1	2.6
S	1.1	1.3	1.2	.7	.2	.1						4.6	7.3
SSW	1.0	1.7	1.2	.3								4.2	5.9
SW	1.3	1.7	.9	.2								4.1	4.9
WSW	1.1	2.8	.6									4.4	4.4
W	2.5	2.4	2.6	.3	.3							8.3	6.1
WNW	.4	1.1	2.8	.4	.1							4.9	7.7
NW	.7	1.5	.7	.9								3.8	6.9
NNW	1.8	1.0	2.4	.6								5.7	6.2
VARBL													
CALM												37.3	
	15.6	22.7	18.5	5.0	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

906

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS
 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	3.1	4.5	3.8	1.9	.1	.0						13.4	6.6
NNE	.9	2.1	1.7	.3								5.0	6.1
NE	.3	.8	.9	.1								2.1	6.2
ENE	.3	.8	.9	.0								1.9	6.2
E	.6	1.7	1.5	.1								3.9	5.9
ESE	.5	.9	.2	.0								1.7	4.7
SE	.5	.8	.2	.0								1.5	4.8
SSE	.6	1.1	.4	.1	.0							2.2	5.4
S	1.0	2.1	2.3	.7	.1	.0						6.1	6.9
SSW	1.0	1.2	1.5	.4	.0	.0						4.0	6.5
SW	.8	1.2	.9	.1	.0							2.9	5.4
WSW	.8	1.9	1.3	.2	.1							4.3	6.1
W	1.7	3.1	3.3	1.0	.3							9.4	6.9
WNW	.8	2.0	2.8	1.0	.0							6.7	7.4
NW	.6	2.0	2.3	.7	.1							5.7	7.4
NNW	1.6	2.2	2.4	.9	.0							7.2	6.6
VARBL													
CALM												22.0	
	14.9	28.2	26.5	7.6	.7	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7017

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73,75-81 YEARS FEB MONTH

0000-0200 HOURS (L.S.T.)

ALL WEATHER

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	3.1	2.7	2.2	1.5	.1							9.6	6.5
NNE	1.2	1.8	2.4	.3								5.6	6.4
NE	.6	.6	.6									1.8	5.3
ENE	.1	1.0	.7	.3								2.2	7.4
E	.7	1.0	.4									2.2	5.2
ESE		.1										.1	4.0
SE	.1		.3									.4	6.0
SSE	.6		.4	.6								1.6	8.5
S	1.8	1.3	.9	1.0								5.0	6.5
SSW	1.0	1.6	1.2	.1								4.0	5.3
SW	1.6	2.8	.4									4.9	4.3
WSW	1.5	2.5	.4									4.4	4.6
W	.7	2.9	2.4	.9								6.9	6.9
WNW	.7	1.5	1.0	.6	.3							4.1	7.5
NW	.6	.4	1.2	.7	.1							3.1	6.6
NNW	1.2	1.8	2.7	.4								6.0	6.6
VARBL													
CALM												38.0	
	15.6	22.1	17.2	6.5	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 679

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73,75-81 YEARS FEB MONTH
 0300-0500 HOURS (L.S.T.)

ALL WEATHER
 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	5.0	6.5	2.6	1.3								15.4	5.3
NNE	1.9	2.1	2.4	1.0								7.4	6.7
NE	.1	.6	.3									1.0	5.3
ENE	.3		.4									.7	6.0
E	.1	1.2	.9									2.2	5.9
ESE	.3	.1										.4	2.7
SE			.1									.1	10.0
SSE	.9	.3	.3									1.5	3.9
S	.7	.7	.7	1.2	.1							3.5	8.5
SSW	.4	.9	1.3	.1								2.8	6.5
SW	1.2	2.4	.4									4.0	4.6
WSW	1.6	1.9	1.5									5.0	4.9
W	3.8	4.6	1.6	.1								10.1	4.3
WNW	1.0	1.3	.6	1.0	.1							4.1	7.9
NW	.4	.9	.9	.4								2.6	6.7
NNW	1.0	3.1	1.5	1.2								6.8	6.6
VARBL													
CALM												32.2	
	19.0	26.5	15.6	6.5	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 680

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS FEB MONTH 3600-0800 HOURS (L.S.T.)

ALL WEATHER

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	4.5	5.5	4.2	2.7								16.9	6.5
NNE	1.6	2.9	2.1	.5								7.1	5.9
NE	.5	1.3	.9									2.7	5.3
ENE	.2	.5	.4									1.2	5.8
E	.1	1.5	1.1	.5								3.2	7.3
ESE		.2										.2	4.0
SE	.5		.1									.6	3.4
SSE	.7	.4	.4	.1	.1							1.7	6.1
S	1.3	.9	.4	.7	.2							3.5	7.2
SSW	.4	.6	.6	.1	.1							1.8	6.7
SW	1.1	2.0	.2									3.3	4.4
WSW	1.8	2.4	1.1									5.4	4.6
W	1.6	3.4	2.0	.4								7.3	5.6
WNW	1.1	2.2	1.7	.5	.4							5.9	7.1
NW	.7	1.2	1.3	.5								3.8	6.6
NNW	1.6	4.0	1.6	.6								7.8	5.5
VARBL													
CALM												27.4	
	17.9	29.3	18.0	6.6	.9							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	4.3	5.7	6.3	.4							17.8	9.1
NNE	.7	3.1	4.5	.7	.4							9.4	7.5
NE	.2	2.3	1.7	.2								4.4	6.5
ENE	.6	.9	1.5	.4								3.4	6.9
E	.7	2.1	3.0	.5								6.3	7.1
ESE	.5	.8	.6									1.9	5.2
SE	.6	.6	.7									1.9	5.5
SSE	.5	.9	.6	.4								2.4	6.6
S	1.1	2.1	2.5	.5								6.2	6.6
SSW	.2	.8	1.2	.8								3.1	8.3
SW	.6	1.2	1.1	.1	.1							3.1	6.4
WSW	.7	3.3	1.8	.5								6.3	6.3
W	.6	3.4	3.9	1.2								9.1	7.2
WNW	1.1	1.8	2.6	1.3	.1							6.9	7.9
NW	.6	1.5	1.9	1.3	.4							5.7	8.7
NNW	.4	1.9	2.6	.9	.1							5.9	8.0
VARBL													
CALM												6.3	
	10.2	31.2	35.8	15.1	1.4							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

843

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	3.0	4.9	3.7	.1							12.2	8.9
NNE	.4	.6	2.0	.7	.1	.2						4.0	9.3
NE	.2	.5	.4	.1								1.2	6.0
ENE		.1	1.1	.2								1.4	8.7
E	.6	1.2	4.7	.6								6.4	7.7
ESE	.6	1.5	2.6									4.7	6.7
SE	.4	3.0	3.1	.1								6.5	6.4
SSE	.5	2.6	3.3	.7								7.1	7.4
S	.7	2.5	7.0	2.5								12.7	8.3
SSW	.2	.8	2.1	2.0								5.2	9.2
SW	.2	.6	.6	.5								1.9	8.4
WSW	.2	.9	1.2	.6	.1							3.1	8.0
W	.5	2.1	4.9	1.5								9.0	8.1
WNW	.7	1.4	3.3	2.0	.1							7.6	8.6
NW	.1	1.8	2.0	1.7								5.6	8.7
NNW	.2	2.4	4.3	3.1	.1							10.1	9.3
VARBL													
CALM												1.3	
	6.2	25.0	46.7	20.0	.6	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

844

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS FEB MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.1	3.0	2.2	.5							8.0	9.3
NNE	.5	.6	1.3	.4		.1						2.8	8.0
NE	.1	.8	.4	.1								1.4	6.0
ENE	.5	.5	.6	.2								1.8	6.4
E	.5	1.8	3.1	.4								5.7	7.1
ESE	.4	1.7	2.2									4.3	6.4
SE	.8	2.7	1.5	.1								5.2	5.8
SSE	.5	4.7	2.0	.2	.1							7.6	6.1
S	.7	7.1	10.9	2.1								20.8	7.7
SSW	.4	2.2	4.0	3.9	.1							10.6	9.3
SW	.4	.1	.6	.4								1.4	8.2
WSW	.4	.4	1.3	.1								2.1	7.1
W	.5	2.2	2.7	1.5								7.0	8.2
WNW		1.5	2.8	2.2								6.6	9.6
NW	.2	.8	1.7	2.4	.2							5.3	10.4
NNW	.8	1.4	3.3	2.2	.4							8.2	8.8
VARBL													
CALM												1.2	
	6.7	30.7	41.4	18.6	1.3	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70.73-81 YEARS FEB MONTH 1800-2000 HOURS (L.S.T.)
 ALL WEATHER 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	2.7	1.9	2.4	.8	.1							7.9	6.4
NNE	.5	1.4	1.4	.2								3.6	6.1
NE	.4	.4	.4									1.1	5.3
ENE	.2	.6	.4	.1								1.3	6.5
E	1.5	2.4	1.4	.1								5.5	5.0
ESE	1.7	1.2	.6									3.4	4.1
SE	.9	.8	.2									2.0	4.2
SSE	1.1	1.3	.2	.1								2.7	4.2
S	2.1	3.6	2.1	.7								8.5	5.8
SSW	3.6	5.2	4.0	.8								13.6	5.7
SW	1.1	1.2	1.8	.1								4.1	6.0
WSW	.4	1.1	.6									2.0	5.8
W	2.1	1.5	1.7	.6								5.9	5.5
WNW	.1	1.4	1.2	.9		.1						3.8	8.3
NW	.4	1.1	.9	.8								3.2	7.7
NNW	.6	1.5	1.5	.7								4.4	7.3
VARBL													
CALM												26.9	
	19.3	26.5	20.9	6.2	.1	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS FEB MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNT) 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	3.0	2.6	1.1	1.1								7.8	5.7
NNE	.5	1.2	1.9	.1								3.7	6.6
NE	.4	.5	.4	.1								1.4	6.0
ENE	1.0	.2	1.0	.1								2.3	5.4
E	1.5	2.7	.7	.1								5.1	4.8
ESE		.6	.4									1.0	6.4
SE	.2	.1	.4	.2								1.0	7.0
SSE	.5	.1	.4	.7	.1							1.9	9.3
S	2.1	1.0	1.7	.4								5.2	5.5
SSW	1.5	2.7	1.6									5.8	5.2
SW	1.9	3.0	1.7	.1								6.7	5.3
WSW	1.1	2.3	.5	.2								4.2	4.9
W	2.0	1.1	1.5	.5	.1							5.2	6.0
WNW	.9	1.1	1.6	.7	.1							4.4	7.6
NW		.6	1.1	.7	.1							2.6	9.3
NNW	.7	.4	1.7	.9	.1							3.8	8.2
VARBL													
CALM												38.0	
	17.2	20.4	17.7	6.2	.6							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS FEB MONTH ALL WEATHER CLASS ALL HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.5	3.3	2.5	.2							11.9	7.3
NNE	.9	1.7	2.2	.5	.1	.0						5.4	7.0
NE	.3	.9	.6	.1								1.9	5.9
ENE	.4	.5	.8	.2								1.8	6.7
E	.7	1.8	1.9	.3								4.7	6.4
ESE	.4	.8	.8									2.1	5.7
SE	.5	1.0	.8	.1								2.3	5.8
SSE	.6	1.4	1.0	.4	.0							3.4	6.5
S	1.3	2.5	3.4	1.1	.0							8.4	7.2
SSW	1.0	1.9	2.1	1.1	.0							6.0	7.1
SW	1.0	1.6	.9	.2	.0							3.6	5.6
WSW	.9	1.8	1.1	.2	.0							4.0	5.6
W	1.4	2.6	2.6	.9	.0							7.5	6.6
WNW	.7	1.5	1.9	1.2	.1	.0						5.5	8.2
NW	.4	1.1	1.4	1.1	.1							4.1	8.6
NNW	.8	2.0	2.4	1.3	.1							6.6	7.7
VARBL													
CALM												20.6	
	13.8	26.6	27.3	11.0	.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 6363

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73, 75-80
YEARS

MAR
MONTH
 0000-0200
HOURS (L.S.T.)

ALL WEATHER
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	2.4	1.7	.7	.9								5.6	5.6
NNE	.8	.8	.4									2.0	4.3
NE	.3	.7	.5									1.4	5.6
ENE	.9	1.2	1.2	.3	.4							3.9	7.3
E	.3	1.2	3.3	.5								5.2	7.9
ESE	.7	.4	.5									1.6	4.8
SE	.7		.8									1.4	5.8
SSE	.9	.9	1.0	.9	.1							3.9	7.3
S	1.7	2.6	1.8	.3								6.4	5.8
SSW	1.7	2.9	1.8	.3								6.7	5.5
SW	1.3	1.2	.7	.4								3.5	5.5
WSW	.9	1.3	.9									3.1	5.0
W	2.4	2.9	1.8									7.1	4.7
WNW	1.4	.8	1.3									3.5	5.3
NW	1.3	1.4	.8	.1								3.7	5.3
NNW	1.3	2.5	1.0	.8								5.6	6.0
VARBL													
CALM												35.3	
	18.8	22.4	18.6	4.4	.5							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

765

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73,75-80 YEARS 4 MAR MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER
 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	3.9	4.5	1.0	.7								10.1	4.7
NNE	.9	2.1	.5									3.5	4.6
NE	.7	1.3	.1	.7								2.7	6.3
ENE	.5	.7	.3	.4								1.8	6.3
E	.7	3.3	1.8									5.8	6.0
ESE	.4	.7	.3	.1								1.4	5.2
SE		.1	.3	.3								.7	10.0
SSE	1.6	.8	.5									2.9	4.0
S	2.1	2.5	2.5	.7								7.7	6.1
SSW	1.0	1.2	1.7	.3								4.2	6.0
SW	1.4	1.2	.5	.1								3.3	4.5
WSW	1.3	1.7	.1									2.5	3.8
W	2.2	2.5	1.2	.4								6.3	5.0
WNW	1.7	1.8	1.6	.3								5.4	5.6
NW	.9	1.4	.5	.4	.1							3.4	6.1
NNW	2.0	2.4	1.4	.3								6.0	5.4
VARBL													
CALM												32.3	
	21.3	27.4	14.4	4.5	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 764

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS 4AR MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	4.5	2.9	.1								11.7	4.8
NNE	1.3	2.2	1.9	.4								5.9	5.9
NE	1.7	1.3	1.0	.6								4.5	5.4
ENE	.6	.9	.8	.1								2.3	5.8
E	.4	2.0	1.6	.2								4.2	6.5
ESE	.1	.4	.4	.1								1.1	6.6
SE	.2	.3	.3	.1								1.0	6.9
SSE	1.0	.6	.8	.3								2.7	5.8
S	2.1	2.5	2.1	.7								7.4	5.9
SSW	1.9	1.7	1.8	.7								6.0	5.8
SW	1.2	1.1	1.8	.1								4.2	5.7
WSW	1.0	1.7	1.0	.1								3.8	5.0
W	1.8	2.7	2.5	.2	.1							7.3	5.8
WNW	1.3	2.8	.8	.1								5.0	5.0
NW	.9	1.9	1.0	.2								4.0	5.7
NNW	1.9	2.3	1.3	.4								6.0	5.8
VARBL													
CALM												22.9	
	21.6	28.9	21.9	4.5	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 69-70, 73-80 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.8	5.0	2.3								11.0	8.1
NNE	1.0	2.8	2.9	1.0								7.6	6.9
NE	.8	1.1	1.1	.4								3.3	6.3
ENE	.5	2.6	2.2	.5								5.8	6.6
E	.9	2.6	4.8	.8								9.0	7.2
ESE	1.2	2.9	1.5									5.6	5.4
SE	.3	1.2	1.0	.2								2.7	6.3
SSE	.4	.9	1.5	.4								3.2	7.3
S	1.0	1.7	3.6	1.9								8.2	8.0
SSW	.2	1.2	2.8	.6	.2							5.1	8.4
SW	.4	1.6	2.3	.8								5.1	7.7
WSW	1.1	1.3	2.0	.8	.1							5.3	7.1
W	1.0	1.7	2.8	1.7	.2	.1						7.5	8.6
WNW	.6	.6	3.2	.6	.1	.1						5.4	8.4
NW	.4	.9	2.0	1.0								4.3	8.3
NNW	.9	1.4	2.3	2.8	.2							7.5	9.0
VARBL													
CALM												3.3	
	11.6	27.2	40.9	15.8	.9	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAR MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	3.0	2.2	.1							6.6	9.4
NNE	.3	.6	1.2	.3								2.5	7.6
NE	.2	.8	.5									1.5	6.6
ENE	.2	.8	1.3	.2								2.5	7.5
E	.9	2.6	5.2	.6								9.2	7.2
ESE	.8	2.2	4.5	.3								7.7	7.1
SE	.2	2.9	4.1	.3								7.5	7.1
SSE	.4	3.3	3.9	1.5								9.1	7.6
S	.5	2.7	8.5	5.4	.2							17.3	9.3
SSW	.1	.5	2.2	2.9								5.7	10.9
SW	.2	.1	.5	.6								1.5	9.1
WSW	.4	.4	1.2	1.6								3.7	9.5
W		1.6	2.8	2.7	.6							7.7	10.5
WNW	.4	.9	2.9	1.6								5.8	9.0
NW	.1	.9	2.5	1.6	.1							5.2	9.1
NNW	.1	.2	2.9	1.9	.1							5.3	10.2
VARBL													
CALM												1.2	
	5.4	21.3	47.1	23.9	1.2							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAR MONTH 1500-1700 HOURS (L.S.T.)
 ALL WEATHER 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	.1	1.0	2.5	1.4								4.9	9.0
NNE	.3	.2	1.1	.1								1.7	7.1
NE	.1	.9	.3									1.3	5.8
ENE	.1	.2	1.0	.1								1.4	8.2
E	.5	2.8	3.8	.9								8.0	7.2
ESE	.5	2.3	4.9	.3								8.1	7.4
SE	.5	3.0	2.0	.2								5.8	6.3
SSE	.4	3.4	4.0	.8								8.6	7.1
S	.6	4.2	10.1	5.8								20.8	8.8
SSW	.2	1.3	5.4	4.8	.4							12.2	10.5
SW	.3	.3	.4	.1								1.2	6.1
WSW	.3	1.1	1.0	.8								3.1	7.7
W	.6	.3	2.2	2.8	.3							6.2	10.9
WNW	.3	.5	2.3	3.0	.2							6.3	10.6
NW	.2	.6	1.7	1.7		.1						4.4	10.0
NNW	.3	.8	2.0	1.4	.1							4.6	9.5
VARBL													
CALM												1.4	
	5.7	22.9	44.6	24.2	1.1	.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 69-70, 73-80 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	1.1	.4								4.2	5.6
NNE	.4	.8	.3									1.5	4.6
NE	.2	.3	.9									1.4	6.2
ENE	.2	.6	1.2	.1								2.2	6.9
E	1.4	4.0	2.8	.5								8.7	6.2
ESE	1.7	2.6	1.2	.1								5.6	5.0
SE	.9	1.5	.5	.3								3.2	5.4
SSE	2.6	3.7	1.0	.2								7.4	4.8
S	1.9	5.3	4.0	1.1								12.3	6.3
SSW	3.9	6.0	6.8	.9								17.5	6.1
SW	1.1	.8	.4									2.3	4.5
WSW	.9	1.1	.4									2.4	4.7
W	2.2	1.9	2.3	.4	.3							7.1	6.4
WNW	.4	1.4	1.1	.5								3.4	7.2
NW	.5	.6	1.3	.5	.2							3.2	8.1
NNW	.3	.5	.9	.8								2.5	8.8
VARB.													
CALM												15.2	
	20.2	32.2	26.0	5.9	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAR MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.0	1.1	1.0								4.9	6.2
NNE	.4	.9	.2	.1								1.7	5.0
NE	1.2	.4	.6	.2								2.4	5.3
ENE	.8	.8	.4									2.0	4.7
E	1.3	2.9	3.1	.7								8.0	6.6
ESE	1.1	1.6	.4	.2								3.3	5.0
SE	1.1	.4	.2	.2								2.0	4.3
SSE	1.2	1.1	1.0	.6	.2							4.1	6.7
S	2.4	3.7	2.2	.8		.1						9.2	6.0
SSW	3.1	2.8	1.9	.4								8.2	5.1
SW	3.0	3.0	1.6									7.6	4.4
WSW	1.0	.6	.4									2.0	3.9
W	1.1	2.0	1.0	.1	.2							4.4	6.1
WNW	.3	.9	1.6	.1								2.9	7.0
NW	.1	.3	1.1	.7	.1							2.3	9.5
NNW	.4	1.0	.7	.7	.2							3.0	8.6
YARBL													
CALM												31.8	
	20.6	23.4	17.6	5.8	.8	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAP MONTH ALL HOURS (L.S.T.)

ALL WEATHER 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	1.9	2.1	2.2	1.1	.0							7.3	6.6
NNE	.7	1.3	1.1	.3								3.3	6.0
NE	.6	.8	.6	.2								2.3	5.9
ENE	.5	1.0	1.0	.2	.0							2.7	6.7
E	.8	2.7	3.3	.5								7.4	6.9
ESE	.8	1.7	1.8	.2								4.5	6.2
SE	.5	1.2	1.2	.2								3.1	6.3
SSE	1.1	1.9	1.8	.6	.0							5.3	6.5
S	1.5	3.2	4.5	2.2	.0	.0						11.4	7.6
SSW	1.5	2.2	3.1	1.4	.1							8.3	7.3
SW	1.1	1.1	1.0	.3								3.6	5.7
WSW	.9	1.0	.9	.4	.0							3.2	6.2
W	1.4	1.9	2.1	1.1	.2	.0						6.7	7.5
WNW	.8	1.2	1.9	.8	.0	.0						4.7	7.6
NW	.5	1.0	1.4	.8	.1	.0						3.8	7.9
NNW	.9	1.3	1.6	1.2	.1							5.0	7.9
VARBL													
CALM												17.1	
	15.4	25.7	29.5	11.5	.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7050

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.8	.7	.1								5.9	4.3
NNE	1.2	.5	.4									2.1	3.9
NE	.4	.8	.1									1.3	4.5
ENE		1.2	.8									2.0	6.4
E	1.1	2.0	1.1	.1								4.2	5.4
ESE	.5	.7	.8	.1								2.1	5.9
SE	.5	.7	.3	.4								1.8	6.3
SSE	.9	.5	.5	.3								2.2	5.4
S	.9	1.4	3.7	.5								6.6	7.0
SSW	2.1	2.9	1.6	.9	.4							7.9	6.5
SW	3.3	3.4	1.7									8.4	4.6
WSW	2.4	3.3	.4									6.1	3.9
W	2.5	1.7	.5									4.7	3.9
WNW	1.4	.9	.9	.3								3.6	5.2
NW	.7	1.1	.7	.1	.1							2.6	5.8
NNW	.7	1.1	.5	.1								2.4	5.2
VARBL													
CALM												36.0	
	20.9	24.9	14.6	3.0	.5							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

759

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS APR MONTH
 0300-0500 HOURS (L.S.T.)

ALL WEATHER

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	3.3	2.3	1.2	.3								7.0	4.5
NNE	1.6	1.5	1.3									4.4	5.2
NE	.8	.7	.3									1.7	4.2
ENE	.4	.8	.3									1.5	5.1
E	.9	1.5	.4	.3								3.0	4.9
ESE	.1	.9	1.2									2.3	6.5
SE		.1	.4	.1								.7	8.0
SSE	.4	1.1										1.5	3.9
S	2.4	1.3	1.1	.5								5.3	5.2
SSW	2.0	2.1	1.6	.1	.3							6.1	5.7
SW	2.8	2.3	1.3	.4								5.8	5.1
WSW	2.8	2.4	1.2									5.4	4.1
W	2.0	3.2	.5									5.7	4.0
WNW	1.5	1.6	1.2									4.2	4.7
NW	.3	.8	.5									1.6	5.8
NNW	2.3	2.4	.7	.1								5.4	4.5
VARBL													
CALM												36.6	
	23.4	24.8	13.1	1.9	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS APR MONTH
 0600-0800 HOURS (L.S.T.)
 ALL WEATHER 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	3.7	4.7	3.1	.3								11.8	5.2
NNE	1.6	2.4	1.5	.1								5.6	5.3
NE	.5	1.1	.6	.1	.1							2.4	6.3
ENE	.7	1.1	.3	.1								2.3	5.1
E	1.1	1.1	1.2	.1								3.6	5.6
ESE	.5	1.0	.6	.1								2.2	5.8
SE	.2	.6	.7	.1								1.6	6.9
SSE	.7	.9	.6	.1								2.3	5.3
S	1.5	2.7	.7	1.2								6.1	5.9
SSW	.9	1.8	1.6	.2	.2	.1						4.9	7.3
SW	1.1	2.7	.8	.1								4.8	5.0
WSW	2.3	2.7	1.6	.5								7.0	5.3
W	2.3	3.2	2.6	.3								8.4	5.6
WNW	1.2	1.5	1.9	.1								4.8	5.7
NW	1.0	.8	.7	.1								2.6	5.2
NNW	2.2	2.7	.8	.3								6.0	4.9
VARBL													
CALM												23.6	
	21.5	31.1	19.2	4.1	.3	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 880

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	4.0	1.2	.6							9.5	8.3
NNE	.3	1.4	2.1	1.1								5.0	8.1
NE	.7	1.3	1.2	.2								3.5	6.3
ENE		.9	2.0	.2								3.1	7.9
E	.8	2.0	5.0	.4								8.2	7.4
ESE	.7	1.3	2.6	.1								4.7	6.6
SE	.3	1.3	2.1	.3								4.1	7.4
SSE	.6	2.3	3.2	.1								6.2	6.6
S	.8	2.1	4.1	4.0	.6							11.6	9.4
SSW	.3	.7	1.3	1.0	.1							3.5	9.0
SW	.2	1.3	1.9	.6	.1							4.1	7.8
WSW	.9	2.8	2.3	.7								6.7	6.7
W	.9	4.8	4.5	1.9		.1						12.2	7.6
WNW	.7	2.7	2.3	1.0	.1							6.8	7.3
NW	.3	1.1	1.4	.7								3.6	7.6
NNW	.3	1.9	2.9	.9								6.0	7.9
VARBL													
CALM												1.2	
	8.7	30.9	43.1	14.5	1.4	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 69-70,73-80 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.8	1.1	.1							3.9	9.2
NNE			1.2									1.2	8.7
NE		.2	.1									.3	5.7
ENE	.1	.1	.4	.2								.9	8.0
E	.6	.8	4.7	1.3								7.4	8.7
ESE	.4	1.9	5.5	.7								8.5	8.1
SE	.1	2.6	4.3	.4								7.5	7.6
SSE	.2	1.9	7.0	.9								10.0	8.3
S	.3	2.1	10.5	11.7	.6							25.2	10.6
SSW	.1	.2	1.7	3.8	1.0							6.8	13.0
SW	.1	.2	1.2	.3								1.9	8.7
WSW	.1	.2	1.6	1.2								3.1	9.9
W	.1	2.0	4.0	1.9	.3							8.4	9.1
WNW		1.7	3.5	1.1	.1							6.4	8.5
NW	.3	.6	2.1	.9	.1							4.0	8.7
NNW	.2	.7	2.2	1.2	.1							4.5	9.1
VARBL													
CALM												.1	
	3.1	15.7	51.8	26.9	2.3							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	1.3	1.0								2.8	9.6
NNE		.2	.2		.1							.6	9.6
NE													
ENE	.2	.7	.7	.1								1.7	6.3
E	.2	1.1	3.3	.9								5.6	8.3
ESE		2.6	3.3	1.2								7.1	7.9
SE	.4	1.2	3.3									5.0	7.2
SSE	.6	3.0	6.1	.7								10.3	7.4
S	.2	3.8	12.0	10.1	.4							26.6	10.1
SSW	.1	1.1	5.0	8.9	1.1							16.2	11.6
SW		.1	.8	.1	.1							1.1	9.5
WSW	.2	.1	1.4	.9	.1							2.8	9.6
W	.2	.9	2.2	2.2	.1							5.7	10.0
WNW	.4	.8	3.2	1.4	.3							6.2	9.6
NW	.3	.6	1.9	.7	.1							3.6	9.1
NNW	.3	.6	2.7	1.0								4.6	8.9
VARBL													
CALM												.2	
	3.3	17.1	47.6	29.3	2.4							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 69-70,73-80 APC MONTH APR
 CLASS ALL WEATHER MONTH 1800-2000
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.7	.9	.3		.1						2.6	7.5
NNE	.2	.6	.1									.9	4.6
NE	.3	.2										.6	3.0
ENE	.2	.4		.1								.8	5.1
E	1.2	3.3	2.4	.2								7.2	6.1
ESE	1.6	2.7	1.3	.1								5.7	5.4
SE	1.3	2.1	.2									3.7	4.1
SSE	1.1	2.6	1.3	.2								5.2	5.6
S	3.7	7.1	6.7	1.8								18.6	6.5
SSW	2.3	6.1	8.8	3.9	.1							21.2	7.7
SW	1.6	1.4	1.6	.7								5.2	6.0
WSW	.8	1.3	.3									2.4	4.6
W	1.3	1.2	1.6	.4								4.6	6.0
WNW	.3	1.0	1.1	.3								2.8	7.2
NW	.7	1.4	1.6	.1								3.8	6.3
NNW	.8	.9	.8	.1								2.6	5.7
VARBL													
CALM												12.3	
	17.3	33.1	28.7	8.3	.1	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE W

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS

ALL WEATHER CLASS

21

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	%
N	2.7	.8	.5									3.
NNE	.9	.5	.1									1.
NE	.3	.8										1.
ENE	.3	.5	.3									1.
E	1.5	3.6	1.3	.2								6.
ESE	.7	2.4	1.0									4.
SE	.6	.8	.6									2.
SSE	2.2	1.5	1.5									5.
S	2.5	3.7	2.6	.8	.1							9.
SSW	4.0	3.4	3.6	.5								11.
SW	3.1	4.5	2.2									9.
WSW	2.9	2.9	.6									6.
W	1.1	1.8	.7									3.
WNW	.3	1.1	1.0	.6								3.
NW	.5	1.0	.3									1.
NNW	.2	.3	.5									1.
VARBL												
CALM												28.
	23.2	29.7	16.8	2.1	.1							100.

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.8	1.7	.6	.1	.0						5.8	6.3
NNE	.7	.9	.9	.2	.0							2.6	6.1
NE	.4	.6	.3	.0	.0							1.4	5.4
ENE	.2	.7	.6	.1								1.7	6.3
E	.9	1.9	2.5	.5								5.8	6.7
ESE	.6	1.7	2.1	.3								4.7	6.8
SE	.5	1.2	1.5	.2								3.4	6.7
SSE	.8	1.8	2.6	.3								5.5	6.7
S	1.4	3.1	5.3	4.0	.2							14.1	8.6
SSW	1.5	2.3	3.2	2.5	.4	.0						9.9	8.5
SW	1.5	2.0	1.4	.3	.0							5.1	5.6
WSW	1.5	1.9	1.2	.4	.0							5.0	5.6
W	1.3	2.3	2.1	.9	.1	.0						6.7	6.8
WNW	.7	1.4	1.9	.6	.1							4.8	7.3
NW	.5	.9	1.2	.3	.0							3.0	7.1
NNW	.8	1.3	1.4	.5	.0							4.1	6.7
VARBL													
CALM												16.4	
	14.9	25.9	30.1	11.7	1.0	.0						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6857

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,75-80 YEARS MAY MONTH
 0000-0200 HOURS (L.S.T.)

ALL WEATHER
 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	2.7	2.2	.3	.1								5.2	3.6
NNE	2.3	2.6	.4	.1								5.4	4.0
NE	1.3	1.5	.1									3.0	3.5
ENE	.3	.3	.4									.9	5.7
E	1.7	1.6	1.2	.5								5.1	5.4
ESE	.8	1.6	.5									3.0	4.6
SE	.5	.5	.8									1.9	5.3
SSE	1.1	.7	1.3									3.1	5.3
S	2.0	2.6	.8	.7								6.0	5.1
SSW	2.8	2.0	1.2									6.0	4.3
SW	2.2	2.2	.5									4.8	4.0
WSW	4.7	2.4										7.1	3.0
W	4.8	2.4	.4									7.7	3.3
WNW	.8	.5										1.3	3.0
NW	.4	.1										.5	3.5
NNW	1.2	.1	.3									1.6	3.2
VARBL													
CALM												37.2	
	29.7	23.3	8.3	1.5								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,74-80
 YEARS

MAY
 MONTH

ALL WEATHER
 CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.4	.9									8.7	3.4
NNE	2.5	3.4	.9									6.8	4.2
NE	.8	1.3	.7	.1								2.9	5.3
ENE	.1	.7	.1									.9	4.6
E	.7	1.3	.8									2.8	4.9
ESE	.9	1.2	.1									2.3	3.5
SE	.4	.7	.4									1.5	5.1
SSE	.9	.3	.9	.3								2.4	5.7
S	.9	1.5	1.7	.3								4.4	5.9
SSW	2.0	.8	.8	.3								3.9	4.4
SW	1.3	1.3	.4									3.1	4.0
WSW	2.5	2.8	.3									5.6	3.7
W	5.5	2.7	.3									8.4	3.1
WNW	1.3	.9	.1									2.4	3.6
NW	.5											.5	2.3
NNW	1.3	1.3										2.7	3.7
VARBL													
CALM												40.5	
	27.3	22.7	8.6	.9								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 MYRTLE BEACH AFB SC 69-70,73-80 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

0600-0800

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	4.2	1.9	.4	.1							11.1	4.7
NNE	2.3	3.5	2.3	.1								8.1	5.0
NE	1.8	1.8	.1									3.8	4.1
ENE	.4	1.2	.6									2.3	5.2
E	.9	1.6	.9									3.3	5.2
ESE	.4	1.2	.4									2.0	4.8
SE	.6	.9	.2									1.7	4.6
SSE	.8	.9	1.4	.3		.1						3.5	7.2
S	1.0	1.5	1.4	.2								4.1	5.8
SSW	1.1	1.7	1.1	.2								4.1	5.3
SW	1.9	1.7	.9	.2								4.7	4.7
WSW	1.5	2.9	.9	.1								5.4	4.9
W	3.3	4.3	1.6	.1								9.4	4.6
WNW	2.7	1.8	.6									5.2	4.0
NW	1.0	1.1	.1									2.2	3.8
NNW	2.0	2.5	.1									4.6	3.8
VARB													
CALM												24.5	
	26.2	32.8	14.6	1.7	.1	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.1	3.1	1.1								10.0	6.8
NNE	.4	2.2	2.2									4.7	6.0
NE	.5	1.6	.5	.1								2.8	5.7
ENE	.4	1.7	1.9	.3								4.4	6.9
E	.2	3.8	5.0	1.0								9.9	7.4
ESE	.5	2.4	2.3	.2								5.4	6.4
SE	.8	2.5	1.3	.3	.1							5.0	6.4
SSE	.8	2.4	2.5	.1								5.7	6.4
S	1.3	3.8	3.9	2.5								11.4	7.7
SSW	.6	1.3	.8	.5	.1							3.3	6.9
SW	1.0	1.4	1.2	.2								3.8	5.7
WSW	1.6	2.6	2.5	.1								6.8	5.7
W	2.8	4.8	3.4	.1								11.2	5.5
WNW	1.2	1.8	1.8	.2								5.1	5.7
NW	.8	1.2	1.0									2.9	5.2
NNW	.9	1.7	1.3	.1								4.0	5.7
VARBL													
CALM												3.7	
	15.5	39.2	34.6	6.9	.2							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	1.8	.9	.1							4.6	7.9
NNE	.3	.8	.8	.1								1.9	5.9
NE		.6										.6	5.5
ENE	.2	.4	.9	.5								2.0	8.2
E		1.7	4.8	.9								7.4	8.3
ESE	.2	3.0	5.7	.8								9.7	8.0
SE	.2	2.8	4.4	.8								8.2	7.5
SSE	1.2	4.3	6.1	1.6								13.8	7.3
S	1.2	4.5	13.9	5.6								25.2	8.7
SSW	.3	.5	1.6	1.6	.4							4.5	10.5
SW	.1	.5	.2	.8								1.6	9.3
WSW	.5	1.3	1.0	.2								3.0	6.1
W	.2	2.7	3.1	.8								6.8	7.3
WNW	.5	1.3	2.3									4.1	6.7
NW	.3	.9	1.2	.1								2.5	6.8
NNW	.3	1.1	1.5	.3								3.2	6.8
VARBL													
CALM												.9	
	5.8	28.7	49.2	14.0	.5							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	2.0	.5								4.6	7.4
NNE	.3	.5	.5									1.4	5.9
NE		.2										.2	5.5
ENE		.2	1.1	.1								1.4	8.6
E	.2	2.3	3.8	1.1								7.3	8.0
ESE	.5	3.0	3.9	.3								7.7	7.0
SE	.5	2.9	4.5	.8								8.7	7.3
SSE	.4	3.4	4.7	1.0								9.6	7.4
S	1.8	5.3	14.3	7.7	.1							29.2	8.7
SSW	.6	1.8	8.0	3.9	.2							14.5	9.3
SW	.4	.4	1.2	.6	.1							2.8	8.1
WSW		.4	.8	.1								1.3	7.6
W	.2	1.3	1.7	.1								3.3	7.0
WNW	.4	1.0	.9	.2								2.5	6.7
NW	.2	.4	1.0	.1								1.7	7.6
NNW	.1	.8	.4	.2								1.5	6.8
VARB													
CALM												1.9	
	6.1	26.0	48.7	16.8	.4							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER 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	.8	1.9	.8	.2	.1							3.8	6.0
NNE	.5	.5	.1	.1								1.3	4.3
NE	.5	.1				.1						.8	5.9
ENE	.2	1.1	.6									1.9	5.9
E	1.0	4.0	3.0	.4								8.4	6.2
ESE	1.0	3.3	1.4	.2								5.9	5.4
SE	1.4	3.1	1.0	.4								5.9	5.5
SSE	1.5	3.7	1.6	.1								6.9	5.1
S	3.1	6.1	6.7	1.8								17.7	6.7
SSW	4.7	7.1	8.0	1.3	.1							21.2	6.2
SW	1.8	2.3	.6	.5								5.3	5.1
WSW	.9	1.1	.2									2.2	4.0
W	.9	.8	.4	.1								2.2	4.8
WNW	.1	.3	.4	.1								1.0	6.7
NW	.2	.2	.3	.1								.9	6.1
NNW	.2	.1	.3									.6	5.7
VARBL													
CALM												14.2	
	18.8	35.7	25.5	5.5	.2	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAY MONTH

ALL WEATHER
 CLASS

2100-2300
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.8	.3	.2								2.8	4.5
NNE	1.6	1.4	.1									3.1	3.4
NE	.6	.7										1.3	3.8
ENE	.6	1.2	.9									2.6	5.6
E	1.3	2.6	2.4	.1								6.4	5.8
ESE	1.2	1.2	.2	.1								2.6	4.4
SE	.8	2.3	.8	.1								4.0	5.4
SSE	1.6	1.2	1.7	.3								4.8	5.6
S	3.8	3.2	2.3	.1								9.4	4.8
SSW	4.9	5.4	2.4	.2								13.0	4.7
SW	5.3	4.6	1.0									10.9	3.7
WSW	1.8	2.2	.3									4.4	3.6
W	.9	.8										1.7	3.7
WNW	.7	.3										1.0	2.7
NW	.3	.2	.1									.7	3.7
NNW	.2	.2	.1	.1								.7	6.0
VARBL													
CALM												30.4	
	27.0	28.3	12.9	1.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 869

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS
 MAY MONTH
 ALL HOUR (L.S.T.)
 ALL WEATHER 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	2.0	2.4	1.5	.5	.0							6.4	5.5
NNE	1.2	1.8	.9	.1								4.0	4.8
NE	.7	1.0	.2	.0		.0						1.9	4.7
ENE	.3	.9	.9	.1								2.1	6.5
E	.7	2.4	2.8	.5								6.5	6.8
ESE	.7	2.2	1.9	.2								5.0	6.3
SE	.7	2.0	1.7	.3	.0							4.8	6.5
SSE	1.0	2.3	2.6	.5		.0						6.4	6.5
S	1.9	3.6	5.9	2.5	.0							13.9	7.6
SSW	2.1	2.6	3.1	1.1	.1							9.0	6.6
SW	1.7	1.8	.8	.3	.0							4.6	4.9
WSW	1.6	1.9	.8	.1								4.4	4.6
W	2.2	2.5	1.4	.2								6.3	4.9
WNW	1.0	1.0	.8	.1								2.9	5.2
NW	.5	.5	.5	.0								1.5	5.4
NNW	.8	1.0	.5	.1								2.4	5.1
VARBL													
CALM												18.0	
	19.0	29.9	26.3	6.5	.2	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7005

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS JUN MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER 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	3.5	1.8	.7	.3								6.2	4.1
NNE	1.1	2.6	.8									4.6	4.8
NE	.7	.3	.6									1.5	4.8
ENE		.4										.4	4.3
E	.8	1.2	.8	.1								3.1	5.5
ESE	.8	1.9	.3									3.1	4.6
SE	.8	1.1	.1									2.1	4.0
SSE	.7	1.8	.6									3.1	4.6
S	1.1	2.4	.7									4.2	4.9
SSW	4.2	1.9	1.7	.4								8.2	4.7
SW	5.1	3.3	.7									9.2	3.5
WSW	3.5	2.6	.1									6.2	3.3
W	1.8	1.8	.1									3.7	3.5
WNW	.7	.6										1.2	2.9
NW	.4	.3										.7	3.2
NNW	.7	.8	.1									1.7	4.2
VARBL													
CALM												40.9	
	25.9	25.0	7.4	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUN MONTH
 0300-0500 HOURS (L.S.T.)
 ALL WEATHER 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	4.5	3.7	1.5	.1								9.8	4.2
NNE	1.6	3.1	2.0									6.8	5.2
NE	.5	1.2		.1								1.9	4.2
ENE	.4		.1									.5	4.5
E	.3	.7	.3									1.2	5.1
ESE	1.0	.7										1.6	3.6
SE	1.4	.8										2.2	2.8
SSE	.5	.7	.3									1.5	4.4
S	.8	1.0	.5	.3								2.6	5.6
SSW	2.7	2.2	.7	.4								6.0	4.6
SW	2.7	2.9	.3	.1								6.0	4.1
WSW	3.4	1.5	.1	.1								5.2	3.5
W	3.3	1.6	.1									5.0	3.1
WNW	1.0	.5										1.5	3.3
NW	.1	.3										.4	3.3
NNW	1.5	.1	.1									1.8	3.2
VARBL													
CALM												45.8	
	25.8	21.0	6.1	1.2								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WIND

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

13717
STATION

MYRTLE REACH AFB SC
STATION NAME

69-70, 73-83
YEARS

JUN
MONTH

ALL WEATHER
CLASS

6600-08
HOURS (L.S)

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	%	ME WII SPE
N	4.2	3.7	2.2									17.1	4
NNE	2.8	4.9	3.0	.2								11.0	5
NE	1.3	2.2	.2									3.8	4
ENE	1.2	1.0										2.2	3
E	.7	.8										1.5	3
ESE	.3	.9	.2									1.5	4
SE	.4	.6	.1									1.1	4
SSE	.7	.4	1.1	.3								2.6	6
S	1.0	1.5	1.3									3.8	5
SSW	1.2	1.7	.4	.1								3.5	4
SW	2.5	1.9	.4	.1								4.8	4
WSW	3.7	3.1	.9									7.6	4
W	4.2	2.7	1.2									8.1	3
WNW	2.6	2.1	.2									4.9	3
NW	.9	1.0										1.9	3
NNW	2.6	.9	.2	.1								3.8	3
VARBL													
CALM												27.4	
	30.4	29.5	11.8	.9								100.0	3

TOTAL NUMBER OF OBSERVATIONS _____ 0



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUN MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.2	2.6	.2								6.8	5.9
NNE	2.1	3.4	2.9	.4								8.9	5.9
NE	.7	1.8	1.4	.1								4.0	5.9
ENE	1.0	1.3	1.7									4.0	5.8
E	1.6	4.1	2.8	.3								8.8	5.7
ESE	1.4	3.6	1.7	.1								6.8	5.5
SE	.9	1.3	1.0	.2								3.4	5.8
SSE	.8	2.2	2.0	.1								5.1	6.2
S	.8	3.8	5.6	.7								10.8	7.2
SSW	.4	1.1	.8	.1								2.4	6.5
SW	1.3	1.2	.7	.1								3.3	4.6
WSW	1.4	3.6	1.1	.2								6.3	5.3
W	3.2	6.0	2.3	.1								11.7	4.9
WNW	2.6	2.7	.3									5.6	3.8
NW	2.0	1.1	.3									3.4	3.6
NNW	1.4	1.7	.2									3.3	3.9
VARBL													
CALM												5.3	
	23.4	41.1	27.3	2.8								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	1.4	.3								4.9	5.8
NNE	.4	1.1	1.8	.1								3.4	6.9
NE	.3	.6	1.0									1.9	5.9
ENE	.1	.9	1.0	.2								2.2	7.2
E	.2	3.1	3.2	.1								6.7	6.8
ESE	.7	3.0	5.3	.8								9.8	7.4
SE	.6	3.9	4.3	.2								9.0	6.7
SSE	1.2	6.1	4.8	.7								12.8	6.5
S	.7	5.8	15.0	4.8	.1							26.3	8.5
SSW	.2	1.2	2.1	.4								4.0	7.7
SW	.3	.6	.8									1.7	6.3
WSW	1.1	1.3	1.4	.3								4.2	5.8
W	1.2	2.7	1.9	.4								6.2	6.0
WNW	.7	.6	.6									1.8	4.9
NW	.4	.8	.3	.1								1.7	5.6
NNW	.3	.9	.7	.6								2.4	7.0
VARBL													
CALM												1.0	
	9.6	34.6	45.7	9.1	.1							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

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

ALL WEATHER
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	.2	.9	1.6	.1								2.9	7.3
NNE	.6	1.3	.9		.2							3.0	6.6
NE	.2	.2	.3									.8	5.6
ENE	.5	.9	1.3	.1								2.7	6.6
E	.8	3.3	1.9	.2								6.3	6.2
ESE	.6	3.3	4.7	.2								8.8	6.7
SE	.2	2.4	3.3	.6								6.5	7.2
SSE	1.1	4.6	3.9	1.0								10.6	6.7
S	1.4	9.1	15.9	6.7								33.1	8.2
SSW	.1	2.4	6.6	2.6								11.8	8.9
SW	.7	.5	.5	.1								1.7	5.5
WSW	.2	1.4	.9									2.5	6.0
W	.8	1.5	1.5	.5								4.2	6.4
WNW	.3	.2	.3									.9	5.0
NW	.5	.2	.3	.1								1.1	6.0
NNW		.5	1.0	.1								1.6	8.0
VARBL													
CALM												1.4	
	8.2	32.7	45.0	12.5	.2							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 875

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.9	.8					.1				2.4	7.1
NNE	1.2	.8	.5	.1								2.5	4.6
NE	.5	.3	.2	.1								1.2	5.9
ENE	.7	1.0	.9	.1								2.8	5.5
E	1.2	4.4	1.5									7.0	5.1
ESE	.9	3.0	1.6									5.5	5.3
SE	1.6	3.2	1.2	.2								6.2	5.0
SSE	3.0	3.2	1.4									7.6	4.5
S	4.7	7.2	7.3	1.0								20.2	6.0
SSW	4.5	8.8	5.8	1.3								20.3	5.8
SW	2.2	2.1	.5	.2								5.0	4.5
WSW	.5	.8	.2	.1								1.6	4.6
W	1.2	.3	.1									1.6	3.3
WNW	.3	.6										.9	3.5
NW	.5	.5										.9	3.6
NNW	.3	.3	.3			.1						1.2	6.9
VARBL													
CALM												13.0	
	23.8	37.5	22.3	3.2		.1		.1				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUN
MONTH
 2100-2300
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.5	.4									2.7	3.6
NNE	1.2	2.3	.2									3.8	4.1
NE	.6	1.0	.2									1.8	4.1
ENE	1.0	.9	.5									2.3	4.5
E	2.0	2.7	.2									4.9	4.0
ESE	1.7	1.8	1.1									4.6	4.5
SE	1.3	1.6	.7									3.7	4.6
SSE	1.6	1.7	1.0	.1								4.4	5.0
S	2.1	3.2	2.2	.2								7.7	5.2
SSW	5.5	4.9	3.2	.2								13.8	4.6
SW	5.0	5.1	.9									11.0	4.0
WSW	2.2	1.2										3.4	3.1
W	.7	.4	.4									1.5	4.4
WNW	.1		.1									.2	6.0
NW	.4	.1										.5	2.5
NNW	.1		.1									.2	6.0
VARBL													
CALM												33.4	
	27.4	27.4	11.2	.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 818

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUN MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.0	1.4	.1				.0				5.7	5.0
NNE	1.4	2.4	1.6	.1	.0							5.5	5.5
NE	.6	1.0	.5	.0								2.1	5.1
ENE	.6	.8	.7	.1								2.2	5.5
E	.9	2.6	1.4	.1								5.1	5.6
ESE	.9	2.3	2.0	.1								5.4	6.0
SE	.9	1.9	1.4	.2								4.4	5.7
SSE	1.2	2.7	2.0	.3								6.1	5.9
S	1.6	4.3	6.4	1.8	.0							14.1	7.3
SSW	2.3	3.0	2.7	.7								8.7	6.0
SW	2.4	2.1	.6	.1								5.2	4.2
WSW	1.9	2.0	.6	.1								4.6	4.4
W	2.0	2.2	1.0	.1								5.4	4.7
WNW	1.1	.9	.2									2.2	3.9
NW	.7	.6	.1	.0								1.4	4.1
NNW	.9	.7	.4	.1		.0						2.0	4.9
VARBL													
CALM												19.8	
	21.6	31.5	23.0	4.1	.0	.0		.0				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 6703

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,74-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.5										3.6	3.1
NNE	1.3	1.0	.3									2.5	3.7
NE	.5	.4										.9	3.7
ENE	.4	.5										.9	3.1
E	.6	.6	.5	.1								1.9	5.3
ESE	.9	.3	.1									1.3	2.9
SE	.6	.3										.9	3.1
SSE	.5	.4										.9	3.3
S	1.9	1.5	1.4	.3								5.0	5.4
SSW	2.5	3.1	.6									6.3	4.0
SW	7.9	3.1	1.0									12.0	3.2
WSW	4.9	2.4	.8									8.0	3.5
W	4.3	1.1	.3									5.6	2.7
WNW	.5	.4		.1								1.0	4.0
NW	.3	.1										.4	2.7
NNW	.8	.3										1.0	2.5
VARBL													
CALM												47.9	
	29.8	16.9	4.9	.5								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS JUL MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 _____ CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	1.9	.3									5.8	3.1
NNE	2.5	1.0										3.5	2.8
NE	.6	1.0	.1									1.8	4.2
ENE	.4	.4	.3									1.0	5.1
E	.1	.3	.5									.9	6.7
ESE	.1	.1										.3	3.5
SE		.4										.4	4.7
SSE	.1	.1										.3	3.5
S	1.4	1.1	1.3	.1								3.9	5.3
SSW	1.1	1.0	.4									2.5	4.1
SW	4.4	.9	.1									5.4	2.5
WSW	4.9	3.1	.1									8.1	3.0
W	4.3	1.5	.8									6.5	3.3
WNW	1.8	.5										2.3	2.7
NW	1.5											1.5	1.8
NNW	.8	.1										.9	2.3
VARBL													
CALM												55.1	
	27.6	13.4	3.8	.1								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUL
MONTH
 0600-0800
HOURS (L.S.T.)

ALL WEATHER
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	4.8	3.5	.8									9.0	3.6
NNE	2.6	2.8	.5	.1								6.0	4.1
NE	1.4	1.2	.8	.1								3.5	4.8
ENE	.5	.6	.2	.1								1.5	5.1
E	.2	.8	.5									1.5	5.9
ESE		.6	.2									.9	5.6
SE	.2	.2										.4	3.5
SSE	.1	.3	.1									.5	4.6
S	1.1	2.1	1.0	.1								4.2	5.2
SSW	1.9	1.0	.2									3.1	3.4
SW	3.1	1.8	.5									5.5	3.5
WSW	5.2	4.1	.3									9.6	3.4
W	5.0	6.0	1.0									12.0	3.9
WNW	1.6	1.7	.3									3.7	3.6
NW	1.4	1.4	.2									3.0	3.9
NNW	1.4	.9	.3									2.6	3.6
VARBL													
CALM												32.9	
	30.6	29.0	7.0	.4								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUL MONTH

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

ALL WEATHER 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	1.4	1.9	.8									4.1	4.7
NNE	1.1	1.5	1.5	.4								4.5	6.0
NE	1.0	1.2	.6									2.8	5.2
ENE	.6	1.8	1.6	.1								4.2	6.3
E	.6	2.5	1.8	.2	.1							5.3	6.2
ESE	.6	1.7	2.4	.2								4.9	6.8
SE	.9	2.3	1.4									4.5	5.6
SSE	.8	3.1	1.7									5.6	5.7
S	1.9	5.5	5.3	1.3								14.0	6.8
SSW	.5	1.4	.5	.1								2.6	5.6
SW	1.7	1.9	.5									4.2	4.2
WSW	3.4	4.9	2.2									10.5	4.6
W	4.8	5.4	2.5	.1								12.8	4.6
WNW	2.3	3.8	1.4	.1								7.5	4.7
NW	1.3	1.7	.3									3.3	4.1
NNW	1.8	1.6	.8	.1								4.3	4.5
VARBL													
CALM												4.8	
	24.8	42.3	25.3	2.7	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS JUL MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER 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	.6	1.7	.2	.1								2.7	4.8
NNE	.3	.9	.6	.1			.1					2.0	7.2
NE	.3	.6	.4									1.4	5.7
ENE	.1	.6	1.0									1.7	6.6
E	.3	2.7	2.8	.1								5.9	6.7
ESE	.6	3.3	3.2	.2								7.4	6.5
SE	.5	1.8	3.2	.2								5.8	7.1
SSE	.8	4.1	6.8	1.4								13.0	7.4
S	.9	8.4	14.4	7.0	.1							30.8	8.6
SSW	1.2	1.1	3.4	1.3	.1							7.1	8.0
SW	.5	.9	.6	.1								2.2	5.6
WSW	1.1	1.1	1.2									3.3	5.4
W	1.7	3.2	1.4	.1	.1							6.6	5.4
WNW	.9	1.8	1.4									4.1	5.4
NW	.5	1.5	.5	.1								2.7	5.2
NNW	.8	.3	.8									1.8	4.8
VARBL													
CALM												1.5	
	11.2	34.1	42.0	10.8	.3		.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.8	.3									1.5	5.2
NNE	.1	.5	.3									1.0	5.4
NE	.2	.1	.1									.4	4.5
ENE	.1	.3	.5	.1								1.1	6.9
E	.4	1.5	3.5	.2								5.7	7.2
ESE	.4	2.4	3.8	.2								6.8	7.0
SE	.5	1.6	1.5	.2								3.9	6.2
SSE	1.0	3.9	4.7	1.3								10.9	7.1
S	.9	8.6	17.4	7.9	.7							35.4	8.8
SSW	.9	3.8	7.3	2.8								14.8	8.2
SW	.7	.8	.4	.3								2.2	6.0
WSW	1.1	1.1	.8									2.9	4.8
W	.9	2.4	1.6	.1								5.0	5.6
WNW	.3	1.1	.4									1.8	5.1
NW	.3	.8	.8									1.8	5.7
NNW	.5	.7	.3									1.5	4.9
VARBL													
CALM												3.2	
	8.8	30.3	43.8	13.3	.7							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 MYRTLE BEACH AFB SC 69-70,73-80 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8	.4	.3								2.2	6.0
NNE	.5	.3	.1									1.0	3.7
NE		.3	.1									.4	5.5
ENE	.2	.3	.1									.7	4.5
E	1.5	2.2	1.4									5.1	5.0
ESE	2.3	3.3	.7									6.2	4.2
SE	1.0	1.4	.5									2.9	4.3
SSE	1.4	3.1	1.0	.2								5.7	5.1
S	3.9	10.3	7.7	1.0	.1							23.1	6.0
SSW	4.4	9.2	6.5	1.9								21.9	6.1
SW	1.9	2.3	1.4									5.6	4.7
WSW	1.6	1.4	.4									3.5	4.2
W	.4	.8	.4									1.6	5.0
WNW	1.0	.2	.2									1.4	3.8
NW	.2	.2	.2									.7	5.2
NNW	.3	.1	.1									.5	4.2
VARBL													
CALM												17.5	
	21.4	36.2	21.5	3.4	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

JUL
MONTH
 2100-2300
HOURS (L.S.T.)

ALL WEATHER
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	1.9	.8	.1									2.8	3.1
NNE	.8	.5										1.3	2.8
NE	.3	.6	.1									1.0	4.0
ENE	.8	.7	.1									1.6	3.6
E	1.3	.9	.2									2.4	3.9
ESE	1.8	2.2	.3									4.3	3.8
SE	1.0	.6										1.6	3.1
SSE	.6	.9	.5									1.9	5.0
S	3.2	3.4	1.4	.2								8.2	4.6
SSW	6.2	6.4	2.2	.1								14.8	4.3
SW	7.9	4.1	.9									12.9	3.3
WSW	3.2	1.6	.3									5.1	3.3
W	2.4	.9	.2									3.5	3.1
WNW	.8	.2										1.0	2.4
NW	.2											.2	2.0
NNW	.2	.3	.1									.7	4.3
VARBL													
CALM												36.6	
	32.6	24.0	6.5	.3								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 69-70,73-80 MONTH JUL
 CLASS ALL WEATHER HOUR (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS); DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.6	.4	.1								3.9	3.9
NNE	1.1	1.1	.4	.1			.0					2.7	4.6
NE	.5	.7	.3	.0								1.5	4.8
ENE	.4	.7	.5	.0								1.6	5.6
E	.6	1.5	1.5	.1	.0							3.7	6.1
ESE	.9	1.8	1.4	.1								4.1	5.7
SE	.6	1.1	.9	.1								2.6	5.6
SSE	.7	2.1	1.9	.4								5.0	6.5
S	1.9	5.3	6.4	2.3	.1							16.0	7.4
SSW	2.3	3.4	2.7	.8	.0							9.2	6.0
SW	3.4	2.0	.7	.1								6.1	3.7
WSW	3.1	2.5	.8									6.4	3.9
W	2.9	2.7	1.0	.0	.0							6.8	4.2
WNW	1.1	1.3	.5	.0								2.9	4.3
NW	.7	.7	.3	.0								1.7	4.3
NNW	.8	.5	.3	.0								1.7	4.1
VARBL													
CALM												23.9	
	23.1	28.8	20.0	4.1	.2		.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 7098

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	1.5	.2									5.2	3.0
NNE	3.7	2.1	.5									6.3	3.3
NE	1.1	.2	.7									2.0	4.6
ENE	.4											.4	2.0
E	.4	.2	.2	.1								1.0	5.4
ESE	1.0	.5	.1									1.5	3.2
SE	.5	.7	.5									1.7	4.9
SSE	.5	.2	.8									1.5	5.7
S	.5	1.5	1.8	.1								3.9	6.7
SSW	2.1	2.3	1.0									5.4	4.1
SW	5.5	1.5	.2									7.3	2.9
WSW	4.0	2.1	.1	.1								6.4	3.4
W	2.4	1.0	.1									3.5	3.1
WNW	.5	.2	.1									.8	3.9
NW	1.1	.1										1.2	2.4
NNW	1.2	.1										1.3	2.3
VARBL													
CALM												50.6	
	28.1	14.5	6.4	.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH 0300-0500 HOURS (L.S.T.)

ALL WEATHER
 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	5.5	2.6	.2									8.3	3.1
NNE	3.7	3.0	.4									7.0	3.6
NE	1.4	1.0	.6	.2								3.2	5.0
ENE	.1	.6										.7	4.5
E	.1											.1	2.0
ESE	.8	.1	.2									1.2	4.0
SE	.2	.4	.1									.7	4.8
SSE	.4	.1	.2									.7	4.8
S	.4	2.0	.4									2.7	5.0
SSW	1.5	.9	.2									2.3	3.4
SW	2.3	1.7	.1									4.0	3.4
WSW	2.6	1.5	.1									4.3	3.3
W	3.9	1.9										5.8	3.0
WNW	1.1	.4										1.4	2.7
NW	.2											.2	2.0
NNW	1.5	.4										1.9	2.5
VARBL													
CALM												55.2	
	25.8	16.1	2.6	.2								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 840

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH
 0600-0800 HOURS (L.S.T.)
 ALL WEATHER 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	5.6	3.5	.6									9.7	3.4
NNE	4.2	5.4	1.9									11.5	4.5
NE	1.2	1.7	.9									3.8	4.9
ENE	1.0	.3										1.3	2.8
E	.3	.6	.3									1.3	4.8
ESE	.4		.3									.8	5.0
SE	.3	.4										.8	3.9
SSE	.2	.1	.4									.8	7.1
S	.9	1.0	.9	.2								2.9	5.7
SSW	1.5	1.0	.4									2.9	3.7
SW	1.6	2.5	.3									4.4	4.0
WSW	2.8	2.3	.9									5.9	3.9
W	4.3	4.4	.2									9.0	3.7
WNW	1.3	1.9	.1									3.3	3.9
NW	1.8	.4										2.3	2.7
NNW	2.3	.6	.2									3.1	2.8
VARBL													
CALM												36.2	
	29.8	26.2	7.6	.2								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.2	.8									5.3	4.8
NNE	1.3	3.0	2.0	.3								6.7	5.8
NE	1.1	3.3	2.0	.2								6.7	6.0
ENE	.9	1.7	1.7	.2								4.5	6.0
E	1.1	3.1	3.6	.2								8.0	6.3
ESE	1.1	2.8	1.1									5.0	5.2
SE	1.0	1.4	.4	.1								2.9	4.9
SSE	.6	2.4	1.6	.2								4.9	6.1
S	1.5	2.7	3.6	.6								8.4	6.5
SSW	.9	1.2	1.5	.1								3.7	6.3
SW	1.5	1.5	.8	.1								3.9	4.8
WSW	2.6	3.3	1.4									7.3	4.6
W	4.2	8.0	2.2	.1								14.5	4.7
WNW	1.5	2.7	.4									4.6	4.3
NW	1.1	1.0	.2									2.3	3.8
NNW	1.6	1.9	.3									3.9	4.1
VARBL													
CALM												7.6	
	23.2	43.4	23.6	2.3								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH

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

ALL WEATHER 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	.4	1.4	1.3									3.1	5.9
NNE	.1	.9	1.0									1.9	6.6
NE	.6	1.1	.9	.3								2.9	5.9
ENE	1.0	1.2	.9									3.0	5.4
E	1.6	3.5	4.3	.8								10.1	6.5
ESE	.8	4.3	3.2	.4								8.7	6.4
SE	.2	3.6	2.8	.4	.1							7.1	7.0
SSE	.4	5.6	8.0	.6								14.7	7.1
S	.8	7.0	14.2	4.5	.4							27.0	8.4
SSW	.5	1.6	2.4	1.5	.1							6.1	8.3
SW	.3	1.2	.2	.1								1.8	4.9
WSW	.3	1.2	.6									2.2	5.4
W	.8	2.5	1.2									4.4	5.1
WNW	1.0	.8	.4									2.2	4.6
NW	.3	.6										1.0	3.9
NNW	.3	1.1	.1									1.5	4.7
VARBL													
CALM												2.2	
	9.5	37.4	41.5	8.7	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.1	.5	.8									1.4	6.3
NNE	.8	1.0	.5									2.3	4.9
NE	.2	1.6	.5	.1								2.5	5.7
NNE	.5	.6	.2									1.4	4.4
E	1.2	2.8	2.4	1.0	.1							7.4	6.7
ESE	1.5	5.8	2.6	.4								10.3	5.7
SE	1.2	3.4	2.2	.4								7.2	6.1
SSE	.6	4.7	5.1									10.4	6.5
S	1.3	6.2	16.8	6.0	.3							30.7	8.6
SSW	.9	3.1	7.1	2.7	.2							14.0	8.6
SW	.6	2.2	.6									3.4	5.0
WSW	.4	.5	.3									1.3	5.0
W	.5	1.3	.4									2.3	4.7
WNW	.2	.2	.1	.1								.6	5.0
NW	.3	.1	.2									.6	4.7
NNW	.2	.3	.2	.1								.9	6.1
VARBL													
CALM												3.2	
	10.7	34.6	40.0	10.9	.6							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH

ALL WEATHER CLASS

1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KMTS) 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	1.0		.3								3.1	4.1
NNE	1.1	1.7	.5									3.3	4.5
NE	.3	.9	.3	.1								1.6	5.3
ENE	1.3	.5	.2									2.0	3.6
E	2.8	2.2	1.2	.2								6.3	4.6
ESE	2.5	4.6	1.3									8.4	4.5
SE	1.3	1.5	.6									3.4	4.5
SSE	1.4	2.4	.8									4.5	4.7
S	3.7	7.1	4.8	.6								16.2	5.6
SSW	4.2	8.5	7.1	.9								20.6	6.0
SW	2.8	2.4	.6									5.8	4.0
WSW	1.2	.9	.2		.1							2.4	4.5
W	.2	.1	.2									.5	5.4
WNW	.1	.1										.2	3.0
NW	.5	.4	.2	.1								1.3	5.0
NNW	.4	.4	.3									1.2	5.0
VARB													
CALM												18.9	
	25.6	34.6	18.5	2.3	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	1.9	.2									5.0	3.4
NNE	3.0	1.8	.3									5.1	3.3
NE	1.2	.7	.6									2.4	4.3
ENE	.7	.6	.3	.1								1.7	4.9
E	1.6	1.0	.2									2.8	3.4
ESE	1.7	2.0	.8									4.4	4.5
SE	1.2	.9	.1	.1								2.3	4.0
SSE	.6	.8	.2									1.6	4.5
S	2.7	1.4	1.9	.2								6.2	4.9
SSW	3.8	4.2	1.8	.1								9.9	4.5
SW	6.6	4.6	.4									11.6	3.4
WSW	2.7	1.2										3.9	2.9
W	.4	.6	.1									1.1	4.0
WNW	.6											.6	2.6
NW	.1	.1										.2	2.5
NNW	.6	.2	.4									1.2	4.6
VARBL													
CALM												40.0	
	30.1	21.9	7.4	.6								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70, 73-80 YEARS AUG MONTH ALL HOURS (L.S.T.)

ALL WEATHER 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	2.6	2.0	.5	.0								5.1	3.8
NNE	2.2	2.4	.9	.0								5.5	4.4
NE	.9	1.3	.8	.1								3.2	5.4
ENE	.7	.7	.4	.0								1.9	4.9
E	1.1	1.7	1.6	.3	.0							4.7	5.8
ESE	1.2	2.6	1.2	.1								5.1	5.3
SE	.7	1.6	.9	.1	.0							3.3	5.6
SSE	.6	2.1	2.2	.1								5.0	6.4
S	1.5	3.7	5.7	1.6	.1							12.5	7.4
SSW	1.9	2.8	2.7	.7	.0							8.2	6.2
SW	2.6	2.2	.4	.0								5.2	3.8
WSW	2.0	1.6	.5	.0	.0							4.2	3.9
W	2.1	2.5	.6	.0								5.2	4.2
WNW	.8	.8	.2	.0								1.7	4.0
NW	.7	.4	.1	.0								1.1	3.5
NNW	1.0	.7	.2	.0								1.9	3.8
VARBL													
CALM												26.1	
	22.7	28.9	18.9	3.3	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS SEP MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER 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	6.5	4.1	.7	.1								11.5	3.6
NNE	3.6	6.8	1.5									11.9	4.4
NE	.6	2.1	.2									3.0	4.4
ENE	.4	.6										1.0	4.5
E	1.1	.6	.5									2.2	4.0
ESE	.5	.7	.1									1.4	4.4
SE	.9	.4	.5	.1								1.9	5.4
SSE	.5	.7	.5			.1	.1					2.0	7.6
S	.2	1.4	.9	.6		.1						3.2	8.1
SSW	1.7	1.6	.5	.1								4.0	4.4
SW	1.5	1.1	.1									2.7	3.4
WSW	1.6	.5	.1									2.2	3.0
W	.7	.4										1.1	3.1
WNW	.9	.1										1.0	2.5
NW	.2	.2										.5	3.5
NNW	1.4	.5	.1									2.0	2.8
VARBL													
CALM												48.6	
	22.3	21.9	5.8	1.0		.2	.1					100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS SEP MONTH
 0300-0500 HOURS (L.S.T.)

ALL WEATHER

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	8.4	7.0	1.5									16.9	3.8
NNE	3.7	7.0	1.9	.1								12.7	4.7
NE	1.0	2.0	.7									3.7	4.5
ENE	.1	.2										.4	4.0
E	.5	.5	.2	.2								1.5	6.3
ESE	.2											.2	3.0
SE	.4	.2	.6									1.2	5.5
SSE	.4	.2	1.0									1.6	5.8
S	.2	1.2	.9			.1	.2					2.7	9.4
SSW	1.0	.6	.2	.1								2.0	4.3
SW	1.0	.5										1.5	2.8
WSW	1.4	.2										1.6	2.5
W	3.3	.1										3.5	2.1
WNW	1.7											1.7	2.4
NW	.5	.2										.7	3.2
NNW	3.6	.4	.2									4.2	2.7
VARBL													
CALM												43.8	
	27.4	20.6	7.3	.5		.1	.2					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

SEP
MONTH
 0600-0800
HOURS (L.S.T.)

ALL WEATHER
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	10.4	7.3	2.3									20.1	3.8
NNE	3.9	8.9	3.8	.2								16.8	5.2
NE	.9	2.6	1.8	.1								5.3	5.7
ENE	.4	.6	.1									1.1	4.3
E	.2	.2	.4									.9	5.4
ESE	.2	.6		.1								.9	4.8
SE	.3	.3	.1									.8	4.1
SSE	.2	.6	.6									1.3	5.7
S	.2	.4	.9		.1		.1					1.8	8.9
SSW	1.1	.7	.1	.1	.1							2.1	4.9
SW	.9	.7	.2									1.8	4.1
WSW	1.6	.6										2.1	2.9
W	2.2	1.4	.1									3.8	3.1
WNW	1.2	1.3										2.6	3.5
NW	.8	.8										1.6	3.6
NNW	1.9	1.6	.3									3.8	3.5
VARBL													
CALM												33.3	
	26.6	28.4	10.8	.6	.2		.1					100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS SEP MONTH
 0900-1100 HOURS (L.S.T.)

ALL WEATHER

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	2.4	4.3	3.1	.2								10.1	5.5
NNE	2.4	7.0	6.4	.3								16.2	6.1
NE	2.1	4.7	2.9	.2								9.9	5.7
ENE	2.2	2.2	2.7	.4								7.6	5.9
E	1.0	4.2	2.0	.1								7.3	5.6
ESE	1.7	3.0	.9									5.6	4.9
SE	.6	1.6	1.0	.1								3.2	5.6
SSE	.4	1.8	1.3	.3								3.9	6.5
S	.3	.6	.9									1.8	6.1
SSW	.6	.4	.4	.2	.1	.1						1.9	8.0
SW	.9	.8	.4									2.1	4.3
WSW	1.4	2.4	1.2									5.1	4.9
W	3.7	3.7	.7									8.0	3.8
WNW	2.9	1.4	.2									4.6	3.3
NW	1.6	1.9	.2									3.7	3.9
NNW	1.3	1.4	.2									3.0	3.9
VARBL													
CALM												6.1	
	25.6	41.4	24.7	2.0	.1	.1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	4.0	2.1									6.8	5.9
NNE	.7	2.7	3.4	.1								6.9	6.5
NE	.1	2.2	1.8									4.1	6.4
ENE	1.1	2.2	3.0	.3								6.7	6.4
E	.6	3.9	4.7	.7								9.8	6.9
ESE	1.7	7.1	4.2	.2								13.2	6.0
SE	1.9	5.8	2.2	.1								10.0	5.2
SSE	1.1	4.7	3.4	.3								9.6	6.2
S	.9	5.7	7.1	2.4	.1							16.2	7.7
SSW	.7	1.2	1.0	.3	.1							3.3	6.9
SW	.4	.3	.3	.3								1.4	6.3
WSW	1.1	.9	.4									2.4	4.2
W	1.3	1.2	.6									3.1	4.4
WNW	.8	.6	.6									1.9	4.8
NW	.6	.3										.9	3.1
NNW	.6	.6	.4									1.6	5.1
VARBL													
CALM												2.1	
	14.1	43.3	35.3	4.0	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

900

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS SEP MONTH
 1500-1700 HOURS (L.S.T.)

ALL WEATHER
 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	1.1	3.3	2.2									6.7	5.6
NNE	1.2	3.7	2.4									7.3	5.8
NE	.7	1.1	.6									2.3	4.9
ENE	.6	.7	1.2	.6								3.0	7.7
E	1.4	4.1	3.4	.6								9.6	6.2
ESE	2.1	5.2	2.3	.4	.1							10.2	5.6
SE	2.2	5.2	1.7	.6								9.7	5.2
SSE	2.1	7.2	2.4	.4								12.2	5.4
S	2.1	9.6	8.8	1.4	.1	.1						22.1	6.8
SSW	.8	1.7	2.8	1.0								6.2	7.7
SW	.3	.2	.2									.8	5.3
WSW	.6	1.2	.4									2.2	4.9
W	1.0	.4	.1									1.6	3.5
WNW	.3	.1		.1								.6	4.8
NW	.1	1.0	.2									1.3	4.7
NNW	.6	.9	.3									1.8	4.7
VARBL													
CALM												2.4	
	17.2	45.7	29.2	5.1	.2	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS SEP MONTH

ALL WEATHER CLASS

1800-2000 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.7	1.2									7.2	4.2
NNE	1.3	2.6	1.8	.1								5.8	5.4
NE	.7	1.3	.3	.1								2.4	5.0
ENE	.9	.9	.9	.2								2.9	5.7
E	3.4	3.1	1.6	.2								8.3	4.6
ESE	3.4	1.7	.8	.2	.1	.2						6.4	5.1
SE	2.9	.6	.2									3.7	2.9
SSE	2.7	1.9	.8	.2								5.6	4.4
S	3.2	3.9	1.9	.3								9.3	5.0
SSW	4.1	3.7	1.3	.3								9.4	4.5
SW	2.0	1.6	.2									3.8	3.4
WSW	.9	.6		.1								1.6	3.6
W	.4		.1									.6	3.4
WNW	.2											.2	2.5
NW	.3		.3									.7	5.2
NNW	.7	.4	.3									1.4	4.5
VARBL													
CALM												30.7	
	30.6	24.8	11.8	1.9	.1	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13717 STATION NAME MYRTLE BEACH AFB SC YEARS 69-70, 73-80 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 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	3.9	3.8	.5	.1								8.3	3.7
NNE	3.2	4.8	2.1									10.1	4.6
NE	.7	1.8	.2									2.8	4.7
ENE	.3	.8	.7									1.8	6.1
E	2.0	1.5	.8									4.3	4.5
ESE	2.3	.7	.9	.1		.1						4.1	5.0
SE	.5	.8	.5	.1								1.8	6.0
SSE	.8	1.0	.9			.1	.1					3.0	6.8
S	1.3	1.7	1.1	.7								4.8	6.4
SSW	2.4	2.6	.7									5.7	3.9
SW	3.1	1.0										4.1	2.8
WSW	2.1	.5										2.5	2.7
W	1.4	.1										1.5	2.5
WNW	.6	.1		.1								.8	4.0
NW	.3	.5										.8	3.4
NNW	.5	.1										.6	2.8
VARBL													
CALM												42.9	
	25.3	22.0	8.4	1.1		.2	.1					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	4.5	1.7	.1								10.9	4.3
NNE	2.5	5.4	2.9	.1								10.9	5.3
NE	.8	2.2	1.1	.1								4.2	5.4
ENE	.8	1.0	1.1	.2								3.1	6.1
E	1.3	2.3	1.7	.2								5.6	5.7
ESE	1.5	2.4	1.2	.1	.0	.0						5.4	5.4
SE	1.2	1.9	.9	.1								4.1	5.0
SSE	1.0	2.3	1.4	.2		.0	.0					5.0	5.8
S	1.1	3.1	2.9	.7	.0	.0	.0					7.9	6.9
SSW	1.5	1.6	.9	.3	.0	.0						4.4	5.4
SW	1.3	.8	.2	.0								2.3	3.7
WSW	1.3	.9	.3	.0								2.5	3.8
W	1.8	.9	.2									2.9	3.4
WNW	1.1	.5	.1	.0								1.7	3.5
NW	.6	.6	.1									1.3	3.9
NNW	1.3	.7	.3									2.3	3.6
VARBL													
CALM												25.7	
	23.6	31.3	17.0	2.2	.1	.1	.1					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

6990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS OCT MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	6.6	6.0	3.3	.8								16.7	4.9
NNE	2.4	6.3	2.8									11.5	5.2
NE	2.3	2.2	1.8	.2								6.5	5.2
NNE	.4	.1	.5									1.0	5.5
E	.4	.2	.2									.8	4.3
ESE	.1	.1	.2									.5	6.8
SE	.2	.5	.6	.1								1.4	6.8
SSE	.5	.5										1.0	3.0
S	.4	.5	.4	.4								1.6	6.5
SSW	.7	1.4	.5									2.6	4.5
SW	1.3	1.1	.1									2.5	3.3
WSW	1.7	1.1										2.8	3.1
W	2.0	1.0										3.0	2.9
WNW	.8	.5	.2	.1								1.7	4.6
NW	.8	.6	.2									1.7	3.8
NNW	1.9	1.6	.6	.4								4.4	4.6
VARBL													
CALM												40.4	
	22.5	23.6	11.5	2.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS OCT MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	9.9	8.0	5.7	.4								24.0	4.7
NNE	1.9	6.9	2.7	1.3								12.9	5.9
NE	.6	2.1	.4									3.1	5.1
ENE	.4	.4	.1									.8	4.4
E	.4	.1	.2									.7	4.2
ESE		.2	.1	.1								.5	7.8
SE	.2	.4	.2	.2								1.1	6.9
SSE	.2	.4	.4		.1							1.1	7.7
S	.1	.2	.2		.1							.7	8.0
SSW	.7	1.1	.1		.1							2.0	5.0
SW	.6	1.0	.1									1.7	4.2
WSW	1.0	1.2	.1									2.3	3.7
W	2.0	1.8	.2									4.1	3.6
WNW	1.1	.6	.2		.1							2.0	4.6
NW	.4	.7	.2									1.3	4.8
NNW	5.1	1.9	.5	.1								7.6	3.2
VARBL													
CALM												34.1	
	24.6	27.0	11.7	2.1	.5							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS OCT MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.6	12.7	6.3	1.0								30.6	4.9
NNE	3.3	5.9	6.4	1.2	.1							16.8	6.2
NE	1.2	1.5	.7									3.4	4.9
ENE	.5	.3	.1									1.0	3.9
E		.1	.3									.4	7.8
ESE		.2	.1	.1								.4	8.0
SE			.1									.1	7.0
SSE	.7	.2	.1	.1								1.1	4.4
S	.1	.2	.2	.1								.7	6.5
SSW	.3	.3	.1	.2								1.0	5.9
SW	1.1	.9	.1									2.1	3.7
WSW	.8	1.4	.1	.1								2.4	4.5
W	2.3	2.1	.3	.1								4.8	4.0
WNW	.9	1.1	.4	.1								2.5	5.0
NW	.7	.7	.5									1.8	4.9
NNW	4.6	2.1	.4	.2								7.3	3.5
VARB													
CALM												23.8	
	26.9	29.6	16.4	3.3	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	6.3	7.4	3.9	.3							21.8	7.4
NNE	1.7	6.7	8.8	2.4								19.6	7.4
NE	2.0	3.7	3.2	.3								9.3	5.7
ENE	1.3	2.3	3.1	.3								7.0	6.2
E	1.2	3.9	2.0	.1								7.2	5.6
ESE	.4	1.4	.4	.1								2.4	5.5
SE	.5	.4	.4	.2	.1							1.7	6.5
SSE	.2	.9	.4	.2								1.7	6.3
S	.6	.8	.9	.1								2.4	5.9
SSW	.3	.8	.4	.4								1.9	7.1
SW	1.0	1.1	.6									2.7	4.6
WSW	1.0	1.2	1.2	.1								3.5	5.7
W	1.0	2.5	1.8	.2								5.5	5.9
WNW	.6	.8	1.0	.1								2.5	5.4
NW	1.1	.9	.4	.1								2.5	4.7
NNW	1.0	1.4	.9	.2								3.5	5.5
VARBL													
CALM												4.9	
	17.9	34.7	33.2	8.8	.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS OCT MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.8	7.8	2.9								15.2	8.3
NNE	.5	2.3	3.9	1.5	.1							8.3	8.1
NE	.2	1.5	2.2									3.9	6.6
ENE	.3	1.6	3.0	.6								5.6	7.8
E	1.2	6.2	7.0	.6								15.1	6.6
ESE	1.3	4.7	2.7									8.7	5.7
SE	.4	3.6	1.6									5.6	5.6
SSE	1.0	3.1	1.1	.1								5.3	5.4
S	1.0	3.2	4.4	1.3								9.9	7.4
SSW	.3	.3	1.3	.2								2.2	8.2
SW	.2	.8	.4	.1								1.5	6.0
WSW	.4	.6	.9	.1								2.0	6.3
W	.8	1.8	2.3	.6	.1							5.6	7.4
WNW	.4	1.2	1.2	.4								3.2	7.1
NW	.3	1.0	.4	.1								1.8	5.8
NNW	.3	1.8	2.0	.6								4.8	7.1
VARBL													
CALM												1.2	
	9.5	37.6	42.1	9.4	.2							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	5.8	1.8								11.5	7.8
NNE	1.0	3.4	4.0	.9								9.2	7.0
NE	1.0	1.8	1.1									3.9	5.1
ENE	.6	2.0	2.5	.3								5.5	7.0
E	2.2	4.3	3.9									10.3	5.6
ESE	1.8	5.4	1.8									9.0	5.0
SE	2.3	3.8	1.1									7.1	4.4
SSE	1.4	3.3	.9	.1								5.7	4.8
S	3.7	5.7	5.2	1.3								15.8	6.0
SSW	.8	1.7	2.4	.4								5.3	6.7
SW	.2	.3	.1									.6	4.8
WSW	.3	.5	.5									1.4	5.5
W	.5	1.9	1.2	.2								3.9	5.9
WNW	.6	.6	1.0	.1								2.4	6.0
NW	.1	1.2	.9	.1								2.3	6.2
NNW	.4	1.8	1.1	.9								4.2	7.0
VARBL													
CALM												1.9	
	17.8	40.9	33.2	6.1								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS OCT MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	4.1	2.4	.3								11.8	4.6
NNE	3.0	3.0	1.4	.6								8.1	5.0
NE	2.4	1.3	.6									4.3	3.8
ENE	1.1	1.7	1.3	.1								4.2	5.4
E	2.5	1.7	.6	.1								4.9	4.1
ESE	1.1	1.1	.4									2.6	4.1
SE	.5	.1	.1									.8	3.4
SSE	.8	.4	.2									1.4	3.6
S	2.0	1.7	1.1	.4								5.3	5.1
SSW	2.9	2.8	.9									6.6	4.1
SW	2.0	.5										2.6	2.7
WSW	.9	.1	.1									1.1	3.2
W	1.0	.6	.2									1.8	3.6
WNW	.2	.5	.2									1.0	5.2
NW	.5	.4	.1									1.1	3.8
NNW	.9	1.0	.3	.3								2.5	5.5
VARBL													
CALM												40.1	
	26.8	21.2	10.0	1.9								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH
 2100-2300
HOURS (L.S.T.)

ALL WEATHER
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	7.4	3.7	2.7	.4								14.2	4.4
NNE	3.3	4.3	2.5	.6								10.7	5.3
NE	2.3	1.9	1.7	.1								6.0	5.0
ENE	.4	.4	1.2									2.1	6.3
E	1.0	.6	.2	.2								2.0	5.0
ESE	.8	.7	.3									1.8	4.5
SE		.1	.2	.1								.4	9.0
SSE	.2	.3										.6	3.8
S	.9	.9	1.3	.2								3.3	6.2
SSW	1.7	1.9	.7	.1								4.3	4.5
SW	1.6	.9										2.4	2.9
WSW	.8	.9	.2									1.9	4.1
W	1.2	.7	.4									2.3	3.9
WNW	.6	.4	.2									1.2	3.8
NW	.6	.1	.3									1.0	4.2
NNW	1.7	.8	.2	.4								3.1	5.2
VARBL													
CALM												42.6	
	24.4	18.5	12.3	2.2								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS
 ALL WEATHER CLASS
 ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.6	5.9	5.2	1.5	.0							18.2	5.8
NNE	2.1	4.8	4.1	1.1	.0							12.1	6.4
NE	1.5	2.0	1.5	.1								5.0	5.3
ENE	.6	1.1	1.5	.2								3.5	6.4
E	1.1	2.2	1.9	.1								5.3	5.7
ESE	.7	1.8	.8	.0								3.3	5.3
SE	.5	1.1	.6	.1	.0							2.3	5.4
SSE	.6	1.2	.4	.1	.0							2.3	5.0
S	1.1	1.7	1.7	.5	.0							5.1	6.3
SSW	1.0	1.3	.8	.2	.0							3.3	5.5
SW	1.0	.8	.2	.0								2.0	3.8
WSW	.8	.9	.4	.0								2.1	4.6
W	1.3	1.6	.8	.2	.0							3.9	5.0
WNW	.7	.7	.6	.1	.0							2.1	5.5
NW	.6	.7	.4	.0								1.7	4.9
NNW	1.9	1.5	.8	.4								4.6	4.9
VARBL													
CALM												23.2	
	21.2	29.3	21.6	4.6	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7215

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFS WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS NOV MONTH

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

ALL WEATHER
 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	6.3	4.7	3.6	.4		.2						15.2	5.0
NNE	1.5	1.9	1.2	.2								4.8	5.4
NE	.2	1.4	.4									2.0	5.1
ENE	.5	.4	.5									1.4	5.4
E	.4	1.4	1.0	.5								3.2	6.7
ESE	.2	.5		.1								.9	5.3
SE	.4	.4	.2		.1							1.1	5.9
SSE	.4	.6	.1	.2								1.4	5.6
S	.6	1.2	.2	.1								2.2	5.3
SSW	.6	1.1	.5	.2								2.5	6.0
SW	1.7	1.1	.1									3.0	3.2
WSW	1.5	1.1	.1									2.7	3.4
W	1.4	2.6	1.0									4.9	4.8
WNW	1.9	2.0	1.2	.2								5.3	5.2
NW	1.1	1.2	1.2	.1								3.7	5.5
NNW	2.5	2.7	1.1	.4								6.7	5.0
VARBL													
CALM												39.1	
	21.1	24.2	12.6	2.6	.1	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70.74-80 YEARS NOV MONTH
0300-0500 HOURS (L.S.T.)
 ALL WEATHER 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	9.9	8.0	4.0	1.1								23.0	4.6
NNE	.4	2.1	1.4									3.8	5.9
NE	.5	.9	.1									1.5	3.9
ENE	.1	1.2	.2									1.6	5.5
E	.2	.6	.1	.4								1.4	7.4
ESE	.1	.4	.1									.6	4.8
SE	.1	.2	.1									.5	5.0
SSE	.2	1.0		.1								1.4	4.5
S	.7	1.1	.5	.2	.1							2.7	6.3
SSW	.4	.5	.2									1.1	4.4
SW	1.1	1.6	.1									2.8	3.7
WSW	1.9	.4	.5									2.7	3.5
W	1.6	2.7	.9	.1								5.3	4.7
WNW	1.5	2.1	1.4	.1								5.1	5.3
NW	1.4	1.6	.9	.1								4.0	5.2
NNW	3.7	2.6	1.0	.6								7.9	4.7
VARBL													
CALM												34.7	
	23.8	27.0	11.5	2.8	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 MYRTLE BEACH AFB SC 69-70,73-80 NOV
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	10.5	9.3	4.3	.6								24.6	4.5
NNE	1.5	3.2	1.6	.5								6.8	5.5
NE	.2	1.4	.1									1.7	4.4
ENE	.3	.8	.6									1.7	5.6
E	.1	.1	.7	.3								1.3	8.7
ESE		.3	.2									.6	6.4
SE			.2									.2	8.5
SSE	.2	.3	.2									.8	5.4
S	.5	1.1	.8									2.4	5.6
SSW	.7	1.0	.2	.2								2.2	5.1
SW	1.3	.8										2.1	3.2
WSW	1.4	1.4	.8									3.6	4.4
W	2.0	3.0	2.2									7.1	5.3
WNW	1.7	1.6	.9									4.3	4.5
NW	1.0	.8	1.0									2.9	5.2
NNW	3.8	3.8	.9	.1								8.6	4.0
VARBL													
CALM												29.2	
	25.2	29.1	14.8	1.7								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	6.4	8.2	3.3								22.0	7.0
NNE	1.3	3.3	4.6	.4								9.7	6.7
NE	.9	2.3	1.1	.1								4.4	5.3
ENE	1.1	2.9	1.1	.1								5.2	5.1
E	.8	3.3	2.0	.2								6.3	6.1
ESE	.8	.4	1.0									2.2	5.8
SE	.1	1.0	.2	.1								1.4	5.8
SSE	.8	.8	.7	.1								2.3	5.4
S	.3	1.1	1.2	.2								2.9	7.0
SSW	.1	1.3	1.0	.4								2.9	7.3
SW	.2	.4	1.3	.1								2.1	7.3
WSW	.4	1.9	1.6	.1								4.0	6.3
W	1.6	3.3	2.8	.4								8.1	6.2
WNW	2.0	2.1	1.1	.7								5.9	5.8
NW	1.0	1.4	2.3	.6								5.3	7.3
NNW	2.3	2.3	2.3	.9								7.9	5.8
VARBL													
CALM												7.2	
	17.8	34.6	32.6	7.9								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH

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

ALL WEATHER 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	1.9	3.7	6.9	2.4								14.9	7.5
NNE	1.0	1.6	2.9	.9								6.3	7.1
NE	.6	1.3	.3	.2								2.4	5.3
ENE	.4	1.4	.7	.3								2.9	5.9
E	1.1	2.9	3.9	.7								8.6	6.8
ESE	.7	4.2	2.4	.2								7.6	6.0
SE	.9	2.4	1.0	.3								4.7	5.5
SSE	1.4	3.2	2.0									6.7	5.3
S	1.1	3.8	6.2	.8								11.9	7.2
SSW	.1	1.0	1.2	1.0								3.3	8.8
SW		.2	.9	.3								1.4	9.2
WSW	.3	1.2	1.8	.3								3.7	7.2
W	1.0	1.9	3.6	1.4								7.9	7.7
WNW	1.3	1.3	1.7	1.1								5.4	6.8
NW	.7	1.3	2.0	.6								4.6	7.3
NNW	.6	1.3	2.9	1.6	.1							6.4	8.5
VARBL													
CALM												1.3	
	13.1	32.9	40.3	12.2	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	3.0	4.1	1.7								10.9	6.8
NNE	.6	1.3	1.6	.3								3.8	6.5
NE	.3	.6	.2	.1								1.2	5.3
ENE	.3	.7	.4	.4								1.9	7.1
E	.8	4.0	3.3	.1								8.2	6.1
ESE	2.0	3.2	1.0									6.2	4.5
SE	2.0	2.9	.9	.1								5.9	4.6
SSE	2.3	3.7	1.4									7.4	4.8
S	2.9	5.0	5.8	.7								14.3	6.2
SSW	.8	2.7	2.9	.6								6.9	6.9
SW	.8	.2	.6	.1								1.7	5.4
WSW	.6	.4	.8									1.8	5.5
W	1.2	2.0	2.4	.6								6.2	6.6
WNW	.4	1.8	1.9	1.1								5.2	7.7
NW	.4	1.6	1.4	.8								4.2	7.5
NNW	.4	1.8	3.1	1.0								6.3	7.9
VARBL													
CALM												7.8	
	18.0	34.8	31.9	7.6								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH

1800-2000 HOURS (L.S.T.)

ALL WEATHER 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	2.9	2.9	2.1	.9	.3							9.1	6.0
NNE	.6	1.2	.7	.3	.1							2.9	6.9
NE	.2	.2	.1	.1								.7	5.8
ENE	.4	.9	1.0	.1								2.4	6.3
E	1.0	1.8	2.1									4.9	6.0
ESE	.6	1.3	.2	.1								2.2	4.8
SE	.6	.4	.4									1.4	4.9
SSE	1.1	.7	.3									2.1	3.7
S	1.4	1.4	1.0	.2								4.1	4.8
SSW	1.9	4.0	1.4									7.3	4.9
SW	2.7	1.3	.2									4.2	3.4
WSW	1.1	1.1										2.2	3.4
W	2.6	1.6	1.4	.2								5.8	5.0
WNW	.8	1.0	.2	.3								2.3	5.5
NW	.3	.8	.7	.1								1.9	6.3
NNW	.9	.7	1.6	.2								3.3	6.1
VARBL													
CALM												43.0	
	19.0	21.3	13.6	2.7	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	3.1	2.3	1.0								11.0	5.2
NNE	1.2	1.1	.9	.6								3.8	6.1
NE	.7	.7	.1									1.4	3.9
ENE	.2	.9	1.1									2.2	6.2
E	.9	1.7	1.7									4.2	5.6
ESE	.4	.6	.2	.1								1.3	5.1
SE	.2	.2	.3	.3								1.1	8.2
SSE	.4	.3	.1									.9	4.0
S	1.0	1.2	1.0	.2								3.4	5.5
SSW	1.4	1.1	1.8									4.3	5.6
SW	2.0	2.8	.1									4.9	4.0
WSW	1.8	2.2	.1									4.1	3.4
W	2.2	2.1	1.8	.2								6.3	5.1
WNW	1.4	1.1	.6	.2								3.3	4.7
NW	.6	.2	.8	.1								1.7	6.4
NNW	1.6	1.3	.6	.8								4.2	5.9
VARBL													
CALM												41.7	
	20.7	20.7	13.4	3.6								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 MYRTLE BEACH AFB SC 69-70,73-80 NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.2	5.1	4.4	1.4	.0	.0						16.2	5.7
NNE	1.0	2.0	1.9	.4	.0							5.3	6.3
NE	.5	1.1	.3	.1								1.9	4.9
ENE	.4	1.2	.7	.1								2.4	5.8
E	.7	2.0	1.9	.3								4.8	6.4
ESE	.6	1.4	.7	.1								2.8	5.3
SE	.5	1.0	.4	.1	.0							2.1	5.4
SSE	.9	1.3	.6	.1								2.9	4.9
S	1.1	2.0	2.1	.3	.0							5.6	6.3
SSW	.8	1.6	1.2	.3								3.9	6.2
SW	1.2	1.1	.4	.1								2.8	4.4
WSW	1.1	1.2	.7									3.1	4.8
W	1.7	2.4	2.0	.4								6.5	5.8
WNW	1.4	1.6	1.1	.5								4.6	5.8
NW	.8	1.1	1.3	.3								3.5	6.5
NNW	1.9	2.0	1.7	.7	.0							6.4	5.9
VARBL													
CALM												25.2	
	19.7	28.1	21.6	5.2	.1	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

6990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS DEC MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER 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	6.5	4.3	2.3	1.1								14.1	4.7
NNE	1.0	3.1	1.1	.4								5.5	5.5
NE	.4	1.3	1.0		.1							2.7	6.2
ENE	.2	.8	.7									1.8	6.3
E	.2	1.2	1.1									2.5	6.0
ESE	.2	.2	.1									.6	3.8
SE		.1	.1									.2	5.5
SSE	.4		.1									.5	4.3
S	1.3	1.1	1.8	.5								4.7	6.3
SSW	1.7	1.6	1.0	.2								4.4	5.1
SW	1.4	1.6	.8									3.8	4.6
WSW	1.1	2.6	1.2	.1								5.0	5.0
W	2.6	3.6	1.8	.1								8.1	4.9
WNW	.8	2.3	1.7	.4								5.1	6.3
NW	1.2	1.6	.7	.2								3.7	5.4
NNW	2.2	1.6	.8	.8	.1							5.5	6.1
VARB													
CALM												.7	
	21.1	26.9	16.2	3.8	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,74-80
YEARS

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

ALL WEATHER
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	5.0	6.3	4.5	1.2								17.1	5.7
NNE	1.9	2.6	2.0	.2	.2							7.0	6.0
NE	.2	1.3	.2									1.8	5.3
ENE	.1	.7	.1	.1								1.1	6.0
E	.1	1.3	.6									2.0	5.8
ESE													
SE	.1											.1	2.0
SSE		.2		.2								.5	8.8
S	.5	.4	1.1	.2								2.2	7.6
SSW	.5	2.0	1.2	.2								3.9	6.0
SW	1.0	2.7	1.0									4.7	5.2
WSW	.8	2.4	.6									3.8	4.9
W	3.1	3.3	1.6	.1								8.1	4.8
WNW	1.8	2.6	1.1	.4								5.9	5.3
NW	1.6	1.9	.8	.4								4.7	5.3
NNW	4.1	1.4	1.4	.8								7.8	5.1
VARBL													
CALM												29.4	
	20.8	29.4	16.2	3.9	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC MONTH

ALL WEATHER CLASS

0600-1800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.3	5.8	4.4	1.0	.2	.1						18.9	5.4
NNE	1.2	3.8	2.2	.3	.1	.1						7.8	6.2
NE	.2	.4	.2	.2								1.1	6.5
ENE	.2	.2	.3	.4								1.2	7.9
E	.1	1.1	.4	.2	.1							2.0	7.6
ESE			.1									.1	8.0
SE			.6	.1								.7	8.8
SSE	.2	.1	.1									.4	5.3
S	.4	.8	.7									1.9	5.5
SSW	.3	1.8	.7	.1								2.9	5.7
SW	1.0	1.6	.8	.1								3.4	5.0
WSW	.9	1.9	1.2									4.0	5.3
W	3.0	3.4	2.2	.4	.1							9.2	5.5
WNW	1.8	1.8	1.3	.2								5.1	5.2
NW	1.6	1.9	1.6	.2								5.2	5.5
NNW	3.1	2.9	1.1	.8								7.9	5.3
VARBL													
CALM												28.0	
	21.5	27.5	18.0	4.2	.6	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

DEC
MONTH
 0900-1100
HOURS (L.S.T.)

ALL WEATHER
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	2.3	3.4	8.6	3.7	1.1	.1						19.1	8.4
NNE	1.4	2.9	4.5	.6								9.5	6.8
NE	.4	1.2	1.2		.1							2.9	6.6
ENE	1.0	.9	1.4	.2	.1							3.5	6.4
E	.8	1.8	2.2	.8								5.5	7.0
ESE	.4	.5	.2	.1	.1							1.4	5.8
SE		.9	.4	.3								1.6	7.7
SSE	.3	1.0	.2	.1								1.6	5.1
S	.5	1.4	1.1	.2								3.2	6.0
SSW		.5	1.4	.5								2.5	8.8
SW	.3	1.0	1.1	.4								2.8	7.1
WSW	1.2	2.2	2.4	.1								5.8	6.2
W	1.3	3.0	4.4	1.5								10.2	7.3
WNW	1.3	1.9	1.6	.4	.1							5.4	6.2
NW	1.2	1.7	1.6	.5	.1							5.2	6.6
NNW	1.1	1.8	3.1	1.4	.1							7.5	8.1
VARBL													
CALM												12.3	
	13.4	26.1	35.4	11.0	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC MONTH
 1200-1400 HOURS (L.S.T.)

ALL WEATHER
 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	1.6	4.3	6.5	2.5	.6	.1						15.6	8.3
NNE	.5	1.8	2.5	.5	.1							5.5	7.2
NE	.3	.9	.5									1.7	5.9
ENE	.3	.8	1.5	.4								3.0	7.8
E	.4	1.9	4.1	.2								6.7	7.2
ESE	.9	1.7	.5									3.1	4.8
SE	1.1	2.5	.2									3.8	4.2
SSE	.8	2.7	1.8	.4								5.7	6.4
S	1.7	3.8	4.6	.9								10.2	7.1
SSW	.4	1.0	1.6	1.1	.2							4.3	9.2
SW	.4	.5	.8	.2								1.9	6.8
WSW	.6	1.1	2.7	.6								5.1	7.7
W	1.1	3.4	3.7	1.7	.3							10.2	7.9
WNW	.2	1.8	2.4	1.2	.1							5.7	8.3
NW	.6	1.7	2.2	1.6								6.1	8.0
NNW	.3	2.2	3.1	1.9	.2							7.7	8.9
VARBL													
CALM												3.7	
	10.6	32.0	38.6	13.3	1.6	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC MONTH
 1500-1700 HOURS (L.S.T.)

ALL WEATHER

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	2.0	5.9	5.2	2.3	.4							15.8	7.3
NNE	.5	1.5	1.5	.2								3.8	6.0
NE	.1	.3	.2									.6	6.2
ENE	.3	.8	.9	.2								2.2	6.6
E	.9	2.3	2.3	.1								5.5	6.2
ESE	.6	1.6	.2									2.5	4.5
SE	1.2	1.4	.2									2.8	4.3
SSE	1.7	3.0	.4	.1								5.3	4.6
S	2.3	5.6	3.5	1.1								12.5	6.0
SSW	.4	3.1	3.7	1.1	.1							8.4	7.5
SW	.5	1.1	.6	.2								2.5	5.8
WSW	1.0	1.1	.9	.1								3.0	5.1
W	2.0	3.3	2.8	.6								8.8	6.2
WNW	.5	1.4	2.6	1.2								5.7	7.7
NW	.3	2.3	1.8	.9	.1							5.4	7.4
NNW	.5	2.0	3.1	1.7	.2							7.6	8.4
VARBL													
CALM												7.7	
	15.1	36.7	29.9	9.8	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC MONTH
 1800-2000 HOURS (L.S.T.)

ALL WEATHER

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	3.8	3.1	2.3	1.1	.3							10.6	6.0
NNE	.9	2.3	1.1									4.2	4.9
NE	.2	.6	.1									1.0	4.8
ENE	.2	1.0	.9									2.0	6.3
E	.3	1.1	1.1	.1								2.6	6.5
ESE	.2	.5	.4									1.2	5.8
SE	.3	.6	.1									1.1	4.0
SSE	.5	.8	.3									1.6	4.3
S	1.5	2.2	1.8									5.5	5.5
SSW	2.6	3.6	1.2	.8								8.1	5.4
SW	1.3	2.5	.6									4.4	4.3
WSW	1.5	1.9	.4	.2								4.1	4.8
W	2.5	2.0	1.5		.1							6.1	4.8
WNW	1.1	1.6	1.1	.1								3.9	5.3
NW	.5	1.3	.4	.1								2.4	5.2
NNW	1.2	1.8	.6	.8								4.4	6.1
VARBL													
CALM												36.9	
	18.6	26.9	14.0	3.1	.4							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC MONTH
 2100-2300 HOURS (L.S.T.)

ALL WEATHER
 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	3.5	4.5	2.6	1.1		.1						11.8	5.7
NNE	.8	1.7	1.2	.2								3.9	5.8
NE	.8	1.5	1.3									3.6	5.5
ENE	.2	.8	1.0	.2								2.2	6.8
E	.2	1.2	.5									1.9	5.4
ESE	.2	.3	.4	.1								1.1	6.5
SE	.5	.4	.3	.1								1.4	5.3
SSE	.5	.6	.2									1.4	4.5
S	.9	1.3	1.4	.6								4.2	6.8
SSW	1.5	1.6	1.2	.3								4.6	5.6
SW	1.4	2.6	1.3									5.3	4.7
WSW	2.1	1.9	.8									4.8	4.3
W	2.4	4.0	1.9	.4								8.7	5.3
WNW	1.3	1.2	.8	.2								3.5	5.4
NW	.3	.6	.9	.5								2.4	7.8
NNW	1.6	1.2	.6	.2								3.7	4.9
VARBL													
CALM												35.6	
	18.1	25.6	16.4	4.1		.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC 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	3.9	4.7	4.6	1.7	.3	.1						15.4	6.6
NNE	1.0	2.5	2.0	.3	.1	.0						5.9	6.2
NE	.3	.9	.6	.0	.0							1.9	5.9
ENE	.3	.7	.9	.2	.0							2.1	6.8
E	.4	1.5	1.6	.2	.0							3.6	6.6
ESE	.3	.6	.3	.0	.0							1.3	5.2
SE	.4	.8	.2	.1								1.5	5.1
SSE	.6	1.1	.4	.1								2.2	5.3
S	1.1	2.1	2.0	.4								5.6	6.3
SSW	.9	1.9	1.5	.6	.0							4.9	6.6
SW	.9	1.7	.9	.1								3.6	5.2
WSW	1.2	1.9	1.3	.2								4.4	5.5
W	2.2	3.3	2.5	.6	.1							8.7	6.0
WNW	1.1	1.8	1.6	.5	.0							5.0	6.3
NW	.9	1.6	1.3	.6	.0							4.4	6.5
NNW	1.7	1.9	1.8	1.1	.1							6.5	6.8
VARBL													
CALM												22.9	
	17.3	28.9	23.3	6.7	.7	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7217

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-81 YEARS

ALL WEATHER CLASS ALL MONTH 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	3.1	3.4	2.6	.9	.1	.0		.0				10.0	5.9
NNE	1.3	2.4	1.7	.3	.0	.0	.0					5.7	5.8
NE	.6	1.1	.6	.1	.0	.0						2.5	5.4
ENE	.5	.8	.8	.1	.0							2.3	6.1
E	.8	2.0	2.0	.3	.0							5.1	6.2
ESE	.8	1.7	1.2	.1	.0	.0						3.8	5.8
SE	.6	1.3	.9	.1	.0							3.0	5.8
SSE	.8	1.8	1.4	.3	.0	.0	.0					4.3	6.1
S	1.4	3.1	4.0	1.5	.1	.0	.0					10.0	7.3
SSW	1.5	2.1	2.1	.8	.1	.0						6.6	6.6
SW	1.6	1.5	.7	.1	.0							3.9	4.7
WSW	1.4	1.6	.8	.1	.0							4.0	4.9
W	1.8	2.3	1.6	.4	.1	.0						6.3	5.7
WNW	.9	1.2	1.1	.4	.0	.0						3.7	6.3
NW	.6	.9	.9	.3	.0	.0						2.8	6.5
NNW	1.2	1.3	1.1	.5	.0	.0						4.2	6.2
VARBL													
CALM												21.8	
	19.0	28.6	23.7	6.5	.4	.0	.0	.0				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 83725

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-81 YEARS ALL MONTH

INSTRUMENT
 CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
 CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.4	7.6	6.8	2.2	.3	.1						20.5	6.8
NNE	1.8	4.8	3.6	.9	.1	.1	.0					11.3	6.5
NE	1.0	1.9	1.1	.2	.0							4.2	5.7
ENE	.6	1.2	1.1	.3	.0							3.3	6.5
E	.6	1.9	2.1	.3	.0							4.9	6.7
ESE	.4	.9	.7	.3	.0	.0						2.3	7.0
SE	.4	.5	.6	.2	.0							1.8	6.7
SSE	.3	.8	.6	.2	.0	.0	.0					2.0	7.3
S	.9	1.9	1.9	1.2	.0	.0	.0					6.0	7.8
SSW	.5	1.2	1.6	.5	.1	.0						4.0	7.6
SW	.5	.9	.7	.1								2.2	5.8
WSW	.6	1.0	.4	.1	.0							2.1	5.4
W	1.2	1.5	1.1	.3	.0							4.1	5.8
WNW	.8	1.3	1.2	.2								3.6	6.0
NW	.8	1.5	1.8	.5	.0							4.6	6.8
NNW	1.2	2.8	2.1	1.3	.0	.0						7.4	7.2
VARBL													
CALM												15.6	
	15.0	31.7	27.6	9.0	.8	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 6990

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 0	
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.A.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		56.0	56.5	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.5	57.5	57.6	57.6	57.9	58.4
≥ 20000		58.5	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.4	60.4	60.5	60.5	60.8	61.3
≥ 18000		59.1	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.9	60.9	61.1	61.1	61.3	61.9
≥ 16000		59.2	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.1	61.1	61.2	61.2	61.5	62.0
≥ 14000		60.3	61.2	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.1	62.1	62.3	62.3	62.5	63.1
≥ 12000		63.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.2	65.2	65.3	65.3	65.6	66.1
≥ 10000		65.9	66.8	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9	67.9	68.0	68.0	68.3	68.8
≥ 9000		66.0	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.4	68.9
≥ 8000		68.3	69.2	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.4	70.4	70.5	70.5	70.8	71.3
≥ 7000		68.8	69.7	70.5	70.7	70.7	70.7	70.7	70.7	70.8	70.9	70.9	71.1	71.1	71.3	71.9
≥ 6000		69.7	70.6	71.6	71.7	71.7	71.7	71.7	71.7	71.9	72.0	72.0	72.1	72.1	72.4	72.9
≥ 5000		71.7	72.8	73.6	73.9	73.9	73.9	73.9	73.9	74.0	74.1	74.1	74.3	74.3	74.5	75.2
≥ 4500		72.0	73.1	73.9	74.1	74.1	74.1	74.1	74.1	74.3	74.4	74.4	74.5	74.5	74.8	75.5
≥ 4000		74.8	76.0	76.8	77.2	77.2	77.2	77.2	77.2	77.3	77.5	77.5	77.6	77.6	77.9	78.5
≥ 3500		76.1	77.3	78.1	78.5	78.5	78.5	78.5	78.5	78.7	78.8	78.8	78.9	78.9	79.2	79.9
≥ 3000		77.6	78.9	79.9	80.3	80.3	80.3	80.3	80.3	80.4	80.5	80.5	80.7	80.7	80.9	81.6
≥ 2500		78.1	79.5	80.5	80.9	80.9	80.9	81.1	81.1	81.2	81.5	81.5	81.6	81.6	81.9	82.5
≥ 2000		80.1	81.6	82.9	83.3	83.3	83.5	83.6	83.6	83.7	84.0	84.0	84.1	84.1	84.4	85.2
≥ 1800		80.4	81.9	83.2	83.6	83.6	83.7	83.9	83.9	84.0	84.3	84.3	84.4	84.4	84.7	85.5
≥ 1500		80.9	82.4	83.7	84.3	84.3	84.4	84.5	84.5	84.7	84.9	84.9	85.1	85.1	85.3	86.1
≥ 1200		82.5	84.4	85.7	86.4	86.4	86.5	86.7	86.7	86.8	87.1	87.1	87.2	87.2	87.5	88.3
≥ 1000		83.2	85.1	86.5	87.2	87.2	87.3	87.5	87.5	87.7	88.0	88.0	88.1	88.1	88.4	89.2
≥ 900		84.1	86.0	87.5	88.1	88.1	88.3	88.4	88.4	88.7	88.9	88.9	89.1	89.1	89.3	90.1
≥ 800		84.7	86.8	88.3	88.9	88.9	89.1	89.2	89.2	89.5	89.7	89.7	89.9	89.9	90.1	90.9
≥ 700		85.3	87.5	89.1	89.7	89.7	89.9	90.0	90.0	90.3	90.5	90.5	90.7	90.7	90.9	91.7
≥ 600		85.6	87.7	89.3	90.0	90.0	90.1	90.3	90.3	90.5	90.8	90.8	90.9	90.9	91.2	92.0
≥ 500		85.9	88.4	90.0	91.3	91.3	91.7	92.0	92.1	92.4	92.7	92.7	92.8	92.8	93.1	94.0
≥ 400		86.0	89.2	90.8	92.4	92.4	93.1	93.9	94.0	94.4	94.7	94.7	94.8	94.8	95.1	96.0
≥ 300		86.0	89.2	90.8	92.4	92.8	93.5	95.1	95.2	95.6	95.9	95.9	96.1	96.1	96.4	98.1
≥ 200		86.0	89.2	90.9	92.5	93.2	94.3	96.0	96.3	96.8	97.1	97.2	97.6	97.6	97.9	99.6
≥ 100		86.0	89.2	90.9	92.5	93.2	94.3	96.0	96.3	96.9	97.2	97.3	97.9	97.9	98.1	100.0
≥ 0		86.0	89.2	90.9	92.5	93.2	94.3	96.0	96.3	96.9	97.2	97.3	97.9	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		55.6	56.7	57.5	57.6	57.6	57.7	57.7	57.7	57.9	57.9	57.9	58.1	58.1	58.3	58.3
IV 18000		59.2	60.3	61.1	61.2	61.2	61.3	61.3	61.3	61.5	61.5	61.5	61.7	61.7	61.9	62.4
IV 16000		59.5	60.5	61.3	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.7	62.0	62.0	62.1	62.7
IV 14000		60.0	61.1	61.9	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.5	62.5	62.7	63.2
IV 12000		61.7	62.8	63.6	63.7	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.3	64.3	64.4	64.9
IV 10000		63.9	64.9	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.4	66.4	66.5	67.1
IV 9000		63.9	64.9	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.4	66.4	66.5	67.1
IV 8000		66.0	67.1	67.9	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.5	68.5	68.7	69.2
IV 7000		67.5	68.7	69.6	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.0	70.4	70.4	70.5	71.1
IV 6000		68.3	69.5	70.4	70.5	70.5	70.7	70.7	70.7	70.8	70.8	70.8	71.2	71.2	71.3	71.9
IV 5000		70.7	72.0	72.9	73.1	73.3	73.5	73.5	73.5	73.6	73.6	73.6	74.0	74.0	74.1	74.7
IV 4500		71.2	72.5	73.5	73.6	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.5	74.5	74.7	75.2
IV 4000		73.2	74.7	75.6	76.0	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.9	76.9	77.1	77.6
IV 3500		74.5	76.4	77.5	77.9	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.8	78.8	78.9	79.5
IV 3000		75.3	77.2	78.4	78.8	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.7	79.7	79.9	80.4
IV 2500		76.4	78.3	79.5	79.9	80.1	80.4	80.4	80.4	80.5	80.5	80.5	80.9	80.9	81.1	81.6
IV 2000		77.7	79.7	81.2	81.7	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.9	82.9	83.1	83.6
IV 1800		78.3	80.3	81.9	82.4	82.7	82.9	82.9	82.9	83.2	83.2	83.2	83.6	83.6	83.7	84.3
IV 1500		78.9	80.9	82.5	83.1	83.3	83.7	83.7	83.7	84.0	84.0	84.0	84.5	84.5	84.7	85.2
IV 1200		80.3	82.4	84.1	84.8	85.1	85.5	85.5	85.5	85.7	85.7	85.7	86.3	86.3	86.4	86.9
IV 1000		80.5	82.8	84.5	85.3	85.6	86.0	86.0	86.0	86.3	86.3	86.3	86.8	86.8	86.9	87.5
IV 900		80.9	83.2	84.9	85.7	86.0	86.4	86.4	86.4	86.8	86.8	86.8	87.3	87.3	87.5	88.0
IV 800		81.6	83.9	85.6	86.4	86.7	87.1	87.1	87.1	87.5	87.5	87.5	88.0	88.0	88.1	88.7
IV 700		82.5	84.8	86.5	87.3	87.6	88.0	88.0	88.0	88.4	88.4	88.4	88.9	88.9	89.1	89.6
IV 600		82.7	85.6	87.5	88.4	88.7	89.2	89.2	89.2	89.6	89.6	89.6	90.1	90.1	90.4	90.9
IV 500		83.1	86.3	88.1	89.5	89.7	90.4	90.7	90.7	91.2	91.2	91.2	91.7	91.7	91.9	92.6
IV 400		83.3	86.7	88.5	90.0	90.4	91.3	91.7	91.7	92.3	92.3	92.3	92.8	92.9	93.2	93.9
IV 300		83.5	86.9	89.1	90.8	91.2	93.1	93.6	93.9	94.5	94.7	94.7	95.2	95.3	95.6	96.3
IV 200		83.5	86.9	89.2	91.1	91.6	93.6	94.5	94.9	96.1	96.9	96.9	97.7	97.9	98.4	99.2
IV 100		83.5	86.9	89.2	91.1	91.6	93.6	94.5	94.9	96.1	96.9	96.9	98.0	98.3	98.9	99.9
IV 0		83.5	86.9	89.2	91.1	91.6	93.6	94.5	94.9	96.1	96.9	96.9	98.0	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-2600
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING																
≥ 20000		47.2	50.0	50.4	51.7	51.7	51.9	52.0	52.1	52.2	52.5	52.5	52.6	52.8	53.0	53.8
IV 18000		50.3	53.5	53.9	55.3	55.3	55.5	55.6	55.7	55.8	56.0	56.0	56.4	56.6	56.9	57.7
IV 16000		50.4	53.7	54.1	55.5	55.5	55.7	55.8	55.9	56.0	56.3	56.3	56.6	56.8	57.2	57.9
IV 14000		50.7	53.9	54.4	55.8	55.8	56.0	56.2	56.3	56.4	56.6	56.6	56.9	57.2	57.5	58.3
IV 12000		51.0	54.3	54.7	56.2	56.2	56.4	56.5	56.6	56.7	56.9	56.9	57.3	57.5	57.8	58.6
IV 10000		53.0	56.3	56.8	58.3	58.3	58.5	58.6	58.7	58.8	59.1	59.1	59.4	59.6	60.0	60.7
IV 9000		56.3	59.5	60.1	61.6	61.6	61.9	62.0	62.1	62.2	62.4	62.4	62.8	63.0	63.3	64.1
IV 8000		56.5	59.7	60.3	62.0	62.0	62.2	62.3	62.4	62.5	62.8	62.8	63.1	63.3	63.6	64.4
IV 7000		57.9	61.3	61.9	63.5	63.5	63.8	63.9	64.0	64.1	64.3	64.3	64.7	64.9	65.2	66.1
IV 6000		59.8	63.2	63.8	65.4	65.4	65.7	65.8	65.9	66.0	66.2	66.2	66.6	66.8	67.1	67.9
IV 5000		50.6	64.1	64.7	66.3	66.3	66.6	66.7	66.8	66.9	67.1	67.1	67.4	67.7	68.0	68.8
IV 4500		63.2	66.9	67.4	69.1	69.2	69.5	69.6	69.7	69.8	70.0	70.0	70.4	70.6	70.9	71.7
IV 4000		64.1	67.8	68.3	70.0	70.1	70.5	70.6	70.7	70.8	71.0	71.0	71.4	71.6	71.9	72.7
IV 3500		66.4	71.2	70.8	72.5	72.6	72.9	73.0	73.2	73.3	73.5	73.5	73.8	74.0	74.4	75.2
IV 3000		67.2	71.5	72.1	73.9	74.0	74.4	74.5	74.6	74.7	74.9	74.9	75.3	75.5	75.8	76.6
IV 2500		68.3	73.0	73.7	75.5	75.6	76.0	76.1	76.2	76.3	76.5	76.5	76.8	77.1	77.4	78.2
IV 2000		68.8	73.8	74.7	76.5	76.6	77.0	77.1	77.2	77.3	77.5	77.5	77.9	78.1	78.4	79.2
IV 1800		70.1	75.2	76.2	78.0	78.1	78.5	78.7	78.9	79.0	79.2	79.2	79.5	79.8	80.1	80.9
IV 1500		70.5	75.5	76.5	78.3	78.4	78.9	79.1	79.2	79.4	79.6	79.6	80.0	80.2	80.5	81.3
IV 1200		70.8	76.0	77.0	78.9	79.0	79.4	79.6	79.8	80.0	80.2	80.2	80.5	80.9	81.2	82.0
IV 1000		71.5	76.8	78.0	80.0	80.2	80.6	80.9	81.0	81.3	81.5	81.5	81.9	82.2	82.6	83.3
IV 900		71.8	77.3	78.4	80.4	80.6	81.3	81.5	81.7	82.1	82.3	82.3	82.7	83.0	83.3	84.1
IV 800		72.4	78.0	79.1	81.1	81.4	82.1	82.3	82.4	82.9	83.1	83.1	83.4	83.8	84.1	84.9
IV 700		73.3	79.0	80.1	82.1	82.6	83.2	83.4	83.6	84.0	84.2	84.2	84.6	84.9	85.2	86.0
IV 600		73.9	79.8	81.1	83.3	83.8	84.5	84.7	84.8	85.2	85.5	85.5	85.8	86.1	86.5	87.2
IV 500		74.8	80.3	81.7	84.0	84.5	85.2	85.5	85.6	86.0	86.2	86.2	86.6	86.9	87.2	88.0
IV 400		74.8	81.8	82.1	84.9	85.3	86.4	86.8	86.9	87.5	87.7	87.7	88.0	88.4	88.7	89.6
IV 300		75.3	81.3	83.0	86.0	86.5	87.7	88.1	88.3	89.0	89.3	89.3	89.8	90.2	90.5	91.4
IV 200		75.6	81.8	83.7	87.4	88.1	90.0	91.1	91.4	92.4	93.7	93.0	93.5	94.1	94.4	95.3
IV 100		75.6	81.8	83.9	87.8	88.7	90.9	92.2	92.8	94.1	95.2	95.3	96.0	96.5	97.4	98.7
IV 0		75.6	81.8	83.9	87.8	88.7	90.9	92.2	92.8	94.1	95.6	95.7	96.4	97.0	98.3	99.7
		75.6	81.8	83.9	87.8	88.7	90.9	92.2	92.8	94.1	95.6	95.7	96.4	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	¼	≥0
NO CEILING																
≥ 20000		49.8	51.2	51.6	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000		55.0	57.1	57.5	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000		55.4	57.5	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000		55.4	57.5	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000		56.1	58.1	58.6	59.1	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000		58.2	67.3	60.7	61.2	61.5	61.5	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
≥ 9000		60.8	62.9	63.3	63.8	64.0	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.4	64.4
≥ 8000		61.8	63.8	64.5	65.0	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.6	65.6
≥ 7000		63.7	66.1	66.8	67.7	67.9	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.2	68.2
≥ 6000		64.9	67.5	68.2	69.1	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.6	69.6
≥ 5000		65.6	68.2	69.1	70.0	70.2	70.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.5	70.5
≥ 4500		67.3	70.3	71.2	72.0	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.6	72.6
≥ 4000		67.6	70.6	71.5	72.3	72.6	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.9	72.9
≥ 3500		69.4	72.6	73.4	74.3	74.6	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	75.0	75.0
≥ 3000		70.2	73.3	74.2	75.0	75.3	75.5	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8
≥ 2500		70.6	73.8	74.7	75.7	76.0	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.4
≥ 2000		71.3	74.6	75.6	76.6	77.1	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6
≥ 1800		72.0	75.5	76.5	77.7	78.3	78.5	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 1500		72.1	75.7	76.7	77.9	78.5	78.7	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1
≥ 1200		72.7	76.5	77.6	79.0	79.7	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.5	80.6	80.6
≥ 1000		74.6	78.8	80.0	81.7	82.6	83.1	83.3	83.4	83.5	83.6	83.6	83.6	83.6	83.7	83.7
≥ 900		75.7	80.1	81.4	83.1	84.0	84.5	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
≥ 800		76.1	80.7	82.2	84.0	84.8	85.4	85.6	85.7	85.8	85.9	85.9	85.9	85.9	86.0	86.0
≥ 700		76.9	81.6	83.1	84.9	85.8	86.3	86.5	86.8	86.9	87.1	87.1	87.1	87.1	87.2	87.2
≥ 600		77.6	82.3	84.0	85.9	86.8	87.3	87.5	87.7	87.8	88.1	88.1	88.1	88.1	88.2	88.2
≥ 500		77.8	82.9	84.6	86.8	87.8	88.8	89.0	89.3	89.5	89.8	89.8	89.8	89.9	90.0	90.0
≥ 400		78.0	83.3	85.1	87.4	88.5	89.8	90.2	90.5	90.9	91.3	91.3	91.4	91.4	91.5	91.5
≥ 300		78.0	83.5	85.8	88.6	89.8	91.6	92.1	92.5	92.9	93.3	93.3	93.4	93.4	93.5	93.6
≥ 200		78.0	83.6	86.1	89.0	90.3	92.5	93.8	94.5	95.0	95.8	95.9	96.0	96.1	96.3	96.4
≥ 100		78.1	83.9	86.5	89.6	90.9	93.0	94.5	95.5	96.2	97.0	97.2	97.7	97.8	98.4	98.8
≥ 0		78.1	83.9	86.7	89.7	91.0	93.1	94.6	95.6	96.3	97.1	97.3	97.8	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1971

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥3/16	¼	≥0
NO CEILING ≥ 20000		53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000		61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000		61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000		62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000		63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000		67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000		67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 8000		69.5	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000		71.0	71.5	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000		72.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000		73.8	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0
≥ 4500		74.0	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
≥ 4000		74.6	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
≥ 3500		74.9	76.9	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4
≥ 3000		75.3	77.3	77.5	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1
≥ 2500		75.8	77.9	78.1	78.7	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 2000		77.4	79.7	79.9	80.5	80.5	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 1800		78.0	80.5	80.7	81.4	81.4	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1
≥ 1500		79.3	82.2	82.5	83.3	83.3	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
≥ 1200		81.6	84.7	85.0	86.2	86.4	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
≥ 1000		82.2	85.6	86.1	87.4	87.6	88.1	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
≥ 900		83.1	86.4	87.0	88.4	88.6	89.0	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 800		83.1	86.5	87.1	88.7	89.1	89.7	90.2	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5
≥ 700		83.5	87.1	87.8	89.8	90.2	90.7	91.3	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6
≥ 600		83.9	87.9	88.6	91.0	91.5	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1
≥ 500		84.2	88.5	89.3	91.9	92.8	93.5	94.5	94.6	94.8	94.8	94.8	94.8	95.2	95.2	95.2
≥ 400		84.4	89.0	90.0	92.8	94.1	94.9	96.2	96.4	96.7	96.7	96.7	96.7	97.1	97.1	97.1
≥ 300		84.4	89.1	90.1	93.0	94.4	95.4	97.2	97.7	98.2	98.4	98.4	98.4	98.9	98.9	98.9
≥ 200		84.4	89.1	90.1	93.0	94.4	95.4	97.3	97.8	98.5	98.8	98.8	98.9	99.8	99.8	99.8
≥ 100		84.4	89.1	90.1	93.0	94.4	95.4	97.3	97.8	98.6	98.9	99.0	99.9	99.9	100.0	100.0
≥ 0		84.4	89.1	90.1	93.0	94.4	95.4	97.3	97.8	98.6	98.9	99.0	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
 U.S. AFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000		59.8	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 18000		60.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 16000		60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 14000		61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 12000		63.6	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 10000		66.0	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 9000		66.5	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000		68.5	69.2	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 7000		69.6	70.6	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 6000		70.4	71.5	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 5000		71.9	73.1	73.8	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 4500		72.8	74.0	74.7	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 4000		75.0	76.4	77.2	77.5	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 3500		75.5	77.1	77.8	78.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3000		76.0	77.9	78.9	79.3	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 2500		76.9	78.9	80.0	80.4	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 2000		79.9	81.9	83.0	83.5	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 1800		80.0	82.1	83.2	83.7	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1500		80.5	82.8	83.9	84.5	85.7	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1200		81.5	84.0	85.0	85.7	86.9	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1000		82.6	85.3	86.3	87.0	88.3	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 900		82.8	85.6	86.8	87.4	88.7	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 800		83.3	86.4	87.8	88.7	90.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 700		83.7	86.4	87.8	88.8	90.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 600		83.7	87.0	88.5	89.9	91.7	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 500		83.9	87.5	89.1	91.2	93.2	95.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
IV 400		84.1	87.7	89.5	91.7	93.8	95.9	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3
IV 300		84.1	87.7	89.6	92.1	94.2	96.3	97.5	97.6	97.7	98.3	98.3	98.4	98.4	98.4	98.4
IV 200		84.1	87.7	89.6	92.1	94.2	96.6	97.7	98.0	98.2	99.2	99.2	99.8	99.9	99.9	99.9
IV 100		84.1	87.7	89.6	92.1	94.2	96.6	97.7	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0
IV 0		84.1	87.7	89.6	92.1	94.2	96.6	97.7	98.0	98.2	99.2	99.2	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		55.1	55.8	56.0	56.1	56.1	56.2	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
≥ 2000		58.9	59.8	60.2	60.4	60.4	60.5	60.5	60.6	60.8	60.8	60.8	61.0	61.0	61.0	61.0
IV 1800		59.2	60.1	60.5	60.8	60.8	60.9	60.9	61.0	61.1	61.1	61.1	61.3	61.3	61.3	61.3
IV 1600		59.6	60.5	61.0	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7
IV 1400		60.2	61.2	61.6	61.8	61.8	61.9	61.9	62.0	62.2	62.2	62.2	62.4	62.4	62.4	62.4
IV 1200		62.4	63.3	63.8	64.0	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5
IV 1000		64.9	65.9	66.5	66.9	66.9	67.0	67.0	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4
IV 900		65.6	66.6	67.1	67.5	67.5	67.6	67.6	67.7	67.8	67.8	67.8	68.1	68.1	68.1	68.1
IV 800		68.0	68.9	69.6	70.0	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.8	70.8	70.8	70.8
IV 700		69.4	70.3	71.0	71.4	71.5	71.7	71.7	71.8	71.9	71.9	71.9	72.2	72.2	72.2	72.2
IV 600		70.2	71.3	71.9	72.4	72.6	72.7	72.7	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1
IV 500		71.4	72.5	73.1	73.5	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4
IV 4500		71.8	72.9	73.5	74.0	74.3	74.4	74.4	74.5	74.6	74.6	74.6	74.8	74.8	74.8	74.8
IV 4000		74.4	75.9	76.6	77.0	77.3	77.4	77.4	77.5	77.6	77.6	77.6	77.8	77.8	77.8	77.8
IV 3500		75.1	76.6	77.3	77.8	78.3	78.4	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9
IV 3000		77.0	78.7	79.6	80.2	80.8	81.0	81.1	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.6
IV 2500		77.2	79.1	80.1	80.9	81.6	81.8	81.9	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5
IV 2000		79.2	81.5	82.8	83.7	84.4	84.8	84.9	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5
IV 1800		79.2	81.5	82.8	83.7	84.4	84.8	84.9	85.1	85.3	85.3	85.3	85.5	85.5	85.5	85.5
IV 1500		79.8	82.0	83.3	84.2	84.9	85.5	85.9	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.6
IV 1200		80.4	82.8	84.3	85.4	86.2	86.9	87.3	87.4	87.7	87.7	87.7	88.0	88.0	88.0	88.0
IV 1000		81.1	83.7	85.3	86.5	87.3	88.0	88.4	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.1
IV 900		81.4	84.1	85.7	86.9	87.7	88.4	88.8	88.9	89.2	89.2	89.2	89.6	89.6	89.6	89.6
IV 800		81.6	84.4	86.1	87.5	88.4	89.1	89.6	89.7	90.0	90.0	90.0	90.3	90.3	90.3	90.3
IV 700		81.8	84.6	86.3	88.2	89.1	89.9	90.4	90.5	91.0	91.0	91.0	91.3	91.3	91.3	91.3
IV 600		82.6	85.5	87.2	89.5	90.4	91.3	91.9	92.0	92.5	92.5	92.5	92.8	92.8	92.8	92.8
IV 500		82.8	85.7	87.7	90.2	91.3	92.5	93.1	93.2	93.7	93.7	93.7	94.0	94.0	94.0	94.0
IV 400		82.9	85.8	87.8	90.5	91.9	93.7	95.2	95.3	95.7	95.7	95.7	96.0	96.0	96.0	96.0
IV 300		82.9	85.8	88.0	90.9	92.3	94.0	95.7	95.9	96.8	97.0	97.0	97.3	97.5	97.6	97.8
IV 200		82.9	85.8	88.0	91.1	92.5	94.4	96.1	96.3	97.4	97.7	97.7	98.5	98.9	99.0	99.5
IV 100		82.9	85.8	88.0	91.1	92.5	94.4	96.1	96.3	97.4	97.7	97.7	98.7	99.2	99.6	100.0
IV 0		82.9	85.8	88.0	91.1	92.5	94.4	96.1	96.3	97.4	97.7	97.7	98.7	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING		58.3	59.7	59.9	60.2	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 20000		61.4	63.0	63.5	63.7	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.6
IV 18000		61.8	63.5	63.9	64.1	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.8	65.0
IV 16000		62.5	64.1	64.6	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.7
IV 14000		62.8	64.5	64.9	65.1	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.8	66.0
IV 12000		64.5	66.1	66.6	66.8	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.7
IV 10000		66.7	68.3	68.8	69.1	69.1	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.8	70.0
IV 9000		67.0	68.7	69.1	69.4	69.4	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.3
IV 8000		68.9	70.8	71.2	71.5	71.5	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.4
IV 7000		69.3	71.2	71.7	72.1	72.1	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.7	73.0
IV 6000		69.8	71.6	72.2	72.5	72.5	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.2	73.4
IV 5000		71.5	73.7	74.3	74.6	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.6
IV 4500		71.5	73.7	74.3	74.6	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.6
IV 4000		73.7	76.4	76.9	77.3	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.9	78.4
IV 3500		75.5	78.1	78.7	79.1	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.8	80.2
IV 3000		77.6	80.2	80.8	81.5	81.5	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.8
IV 2500		78.1	80.8	81.3	82.0	82.0	82.2	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.8
IV 2000		79.2	81.9	82.5	83.1	83.1	83.3	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.5	85.0
IV 1800		79.2	81.9	82.5	83.2	83.2	83.4	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.7	85.1
IV 1500		80.4	83.0	83.6	84.3	84.3	84.5	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.8	86.2
IV 1200		81.2	83.9	84.4	85.2	85.2	85.4	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.6	87.1
IV 1000		82.1	84.9	85.4	86.2	86.2	86.4	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.7	88.2
IV 900		82.9	85.7	86.2	87.0	87.0	87.2	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.6	89.1
IV 800		83.2	86.1	86.8	87.5	87.5	87.7	88.5	88.5	88.7	88.9	88.9	88.9	88.9	88.9	89.2	89.6
IV 700		83.3	86.2	86.9	87.7	87.7	88.0	88.7	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.4	89.8
IV 600		84.3	87.3	88.1	89.4	89.5	89.7	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	91.2	91.6
IV 500		85.0	88.0	88.9	90.6	90.7	91.1	91.8	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.6	93.0
IV 400		85.5	88.5	89.4	91.6	91.9	92.7	93.7	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.7	95.1
IV 300		85.5	88.5	89.4	91.6	92.2	92.9	94.4	94.7	95.3	95.5	95.5	95.5	95.5	95.5	95.8	96.6
IV 200		85.5	88.6	89.5	91.9	92.4	93.3	94.8	95.5	96.5	97.0	97.0	97.0	97.2	97.2	97.8	98.6
IV 100		85.5	88.6	89.5	91.9	92.4	93.3	94.9	95.6	96.7	97.2	97.2	97.2	97.6	97.6	98.6	99.9
IV 0		85.5	88.6	89.5	91.9	92.4	93.3	94.9	95.6	96.7	97.2	97.2	97.2	97.6	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	53.4	54.4	54.7	55.0	55.0	55.1	55.1	55.1	55.2	55.3	55.3	55.3	55.4	55.5	55.7	58.0
IV 18000	58.3	59.7	60.1	60.4	60.4	60.5	60.5	60.6	60.6	60.7	60.7	60.8	60.8	60.9	61.2	58.0
IV 16000	58.6	59.9	60.3	60.6	60.7	60.8	60.8	60.8	60.9	60.9	60.9	61.1	61.1	61.2	61.4	58.6
IV 14000	59.2	60.5	61.0	61.3	61.3	61.4	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.8	62.1	59.2
IV 12000	61.3	62.6	63.1	63.4	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.9	63.9	64.0	64.2	61.3
IV 10000	63.9	65.3	65.7	66.1	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.6	66.6	66.7	67.0	63.9
IV 9000	64.3	65.7	66.2	66.6	66.6	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.1	67.2	67.4	64.3
IV 8000	66.3	67.9	68.5	69.0	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.4	69.5	69.6	69.8	66.3
IV 7000	67.6	69.2	69.8	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.2	67.6
IV 6000	68.4	70.1	70.7	71.2	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.7	71.8	71.9	72.1	68.4
IV 5000	70.2	72.1	72.8	73.3	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.9	73.9	74.0	74.3	70.2
IV 4500	70.6	72.5	73.2	73.7	73.8	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.5	74.7	70.6
IV 4000	72.7	74.8	75.5	76.1	76.2	76.4	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.9	77.1	72.7
IV 3500	73.6	75.9	76.6	77.2	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.9	77.9	78.0	78.3	73.6
IV 3000	74.7	77.1	77.9	78.6	78.6	79.0	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.6	79.8	74.7
IV 2500	75.2	77.8	78.7	79.4	79.6	80.0	80.1	80.1	80.2	80.3	80.3	80.5	80.5	80.6	80.9	75.2
IV 2000	76.9	79.6	80.6	81.4	81.5	82.0	82.2	82.3	82.4	82.5	82.5	82.6	82.7	82.8	83.1	76.9
IV 1800	77.1	79.9	80.9	81.7	82.1	82.4	82.6	82.6	82.8	82.9	82.9	83.0	83.0	83.2	83.5	77.1
IV 1500	77.6	80.7	81.3	82.7	83.0	83.4	83.6	83.8	84.0	84.0	84.0	84.2	84.2	84.4	84.7	77.6
IV 1200	79.1	82.2	83.3	84.4	84.9	85.3	85.6	85.7	85.9	85.9	85.9	86.1	86.1	86.3	86.6	79.1
IV 1000	79.6	83.1	84.2	85.4	85.8	86.3	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.4	87.7	79.6
IV 900	80.4	83.7	84.9	86.0	86.5	87.0	87.4	87.4	87.7	87.7	87.7	87.9	88.0	88.1	88.4	80.4
IV 800	80.9	84.3	85.6	86.8	87.4	87.9	88.3	88.4	88.6	88.7	88.7	88.9	88.9	89.1	89.4	80.9
IV 700	81.3	84.8	86.1	87.4	88.2	88.7	89.1	89.2	89.4	89.5	89.5	89.7	89.7	89.9	90.2	81.3
IV 600	81.6	85.3	86.6	88.0	89.1	90.0	90.4	90.5	90.8	90.9	90.9	91.1	91.1	91.2	91.5	81.6
IV 500	82.1	86.0	87.5	89.0	90.4	91.3	91.9	92.1	92.4	92.5	92.5	92.7	92.8	93.0	93.3	82.1
IV 400	82.4	86.4	88.0	90.4	91.4	92.7	93.5	93.7	94.1	94.3	94.3	94.5	94.6	94.7	95.1	82.4
IV 300	82.4	86.5	88.3	90.9	91.9	93.5	94.6	95.2	95.7	96.1	96.1	96.4	96.6	96.7	97.2	82.4
IV 200	82.4	86.6	88.4	91.1	92.2	93.9	95.4	95.9	96.8	97.4	97.5	98.1	98.2	98.6	99.2	82.4
IV 100	82.4	86.6	88.4	91.1	92.2	94.0	95.5	96.0	96.8	97.5	97.6	98.3	98.5	99.1	99.9	82.4
IV 0	82.4	86.6	88.4	91.1	92.2	94.0	95.5	96.0	96.8	97.5	97.6	98.3	98.5	99.1	100.0	82.4

TOTAL NUMBER OF OBSERVATIONS 7017

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73,75-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		61.7	64.4	65.5	66.3	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.2
IV 20000		67.0	69.7	71.1	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.9
IV 18000		67.3	70.0	71.4	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	73.2
IV 16000		67.3	70.0	71.4	72.2	72.3	72.5	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	73.2
IV 14000		67.7	70.4	71.9	72.6	72.8	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2	73.6
IV 12000		69.4	72.0	73.6	74.5	74.7	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.6
IV 10000		71.6	74.2	75.8	76.7	76.9	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.8
IV 9000		71.9	74.5	76.1	77.0	77.2	77.3	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	78.1
IV 8000		72.8	75.6	77.3	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	79.2
IV 7000		73.3	76.1	77.9	78.8	78.9	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.8
IV 6000		74.1	76.9	78.6	79.5	79.7	79.8	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.6
IV 5000		76.4	79.2	81.0	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.9
IV 4500		76.7	79.5	81.3	82.3	82.5	82.8	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.5
IV 4000		78.9	82.2	83.9	85.0	85.1	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	86.2
IV 3500		80.1	83.5	85.3	86.3	86.5	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.5
IV 3000		81.3	84.7	86.7	87.9	88.1	88.4	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	89.1
IV 2500		81.7	85.1	87.2	89.0	89.1	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	90.3
IV 2000		82.6	86.0	88.5	90.4	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.9
IV 1800		82.6	86.0	88.5	90.4	90.6	91.0	91.2	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.9
IV 1500		82.6	86.3	89.0	90.9	91.0	91.5	91.6	91.6	91.6	91.8	91.8	91.9	91.9	91.9	92.3
IV 1200		83.1	87.0	89.8	91.8	91.9	92.3	92.5	92.5	92.5	92.6	92.6	92.8	92.8	92.8	93.2
IV 1000		83.2	87.3	90.1	92.0	92.2	92.6	92.8	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.5
IV 900		83.2	87.6	90.4	92.3	92.5	92.9	93.1	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.8
IV 800		83.6	88.2	91.2	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.6
IV 700		83.6	88.2	91.2	93.1	93.2	93.7	93.8	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.6
IV 600		84.2	88.7	91.9	93.8	94.0	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	95.3
IV 500		84.5	89.0	92.3	94.4	94.6	95.3	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.7	96.2
IV 400		84.5	89.0	92.3	94.4	94.7	95.6	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.5
IV 300		84.7	89.1	92.6	95.1	95.4	96.3	96.5	96.5	96.8	96.8	96.9	96.9	96.9	97.2	97.8
IV 200		84.7	89.1	92.9	95.3	95.6	96.6	96.8	97.1	97.5	97.5	97.6	97.8	97.8	98.4	99.0
IV 100		84.7	89.1	92.9	95.3	95.6	96.6	96.8	97.1	97.8	97.8	97.9	98.1	98.4	99.1	99.9
IV 0		84.7	89.1	92.9	95.3	95.6	96.6	96.8	97.1	97.8	97.8	97.9	98.1	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

679

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

70,73,75-81
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		58.7	61.5	62.4	63.5	63.8	64.6	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.3
IV 18000		63.2	66.0	66.9	68.1	68.4	69.1	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.9
IV 16000		63.4	66.2	67.1	68.2	68.5	69.3	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.0
IV 14000		63.4	66.2	67.1	68.2	68.5	69.3	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	70.0
IV 12000		65.3	68.1	69.0	70.1	70.4	71.2	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.9
IV 10000		67.5	70.6	71.6	72.8	73.1	73.8	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.6
IV 9000		67.5	70.6	71.6	72.8	73.1	73.8	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.6
IV 8000		69.7	72.8	73.8	75.0	75.3	76.0	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.8
IV 7000		70.1	73.2	74.3	75.4	75.7	76.5	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 6000		71.3	74.4	75.4	76.6	76.9	77.6	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.4
IV 5000		74.0	77.1	78.1	79.3	79.6	80.3	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	81.0
IV 4500		75.4	78.5	79.6	80.9	81.3	82.1	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.9
IV 4000		76.0	79.3	80.3	81.6	82.1	82.8	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.7
IV 3500		77.6	80.9	81.9	83.2	83.7	84.4	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.3
IV 3000		77.9	81.2	82.2	83.5	84.0	84.7	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.6
IV 2500		78.7	81.9	83.1	84.5	85.3	86.0	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.9
IV 2000		79.6	83.2	84.6	86.3	86.8	87.5	87.8	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IV 1800		79.9	83.7	85.0	86.6	87.2	87.9	88.2	88.4	88.8	88.8	88.8	88.8	88.8	88.8	89.0
IV 1500		80.1	84.4	85.7	87.5	87.9	88.7	89.0	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.7
IV 1200		81.0	85.3	86.6	88.4	88.8	89.6	89.9	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.6
IV 1000		81.3	85.7	87.1	89.0	89.4	90.1	90.6	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.3
IV 900		81.6	86.2	87.5	89.4	89.9	90.6	91.0	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.8
IV 800		81.9	86.6	87.9	90.0	90.4	91.2	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.4
IV 700		82.4	87.1	88.4	90.4	90.9	91.6	92.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.8
IV 600		82.5	87.2	88.7	90.7	91.2	91.9	92.4	92.5	92.9	92.9	92.9	92.9	92.9	92.9	93.1
IV 500		83.2	88.1	90.1	92.4	92.8	93.7	94.1	94.4	94.9	94.9	94.9	94.9	94.9	94.9	95.0
IV 400		83.4	88.6	91.0	93.5	94.0	95.0	95.7	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.8
IV 300		83.4	88.6	91.2	93.8	94.3	95.4	96.3	96.6	97.2	97.2	97.2	97.2	97.2	97.4	97.5
IV 200		83.4	88.6	91.2	93.8	94.3	95.4	96.6	96.9	97.5	98.1	98.1	98.2	98.2	98.8	99.1
IV 100		83.4	88.6	91.2	93.8	94.3	95.4	96.6	96.9	97.8	98.4	98.4	98.5	98.5	99.3	99.7
IV 0		83.4	88.6	91.2	93.8	94.3	95.4	96.6	96.9	97.8	98.4	98.4	98.5	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 680

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING, (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING		52.9	56.9	58.9	59.5	59.6	60.7	61.0	61.0	61.1	61.2	61.2	61.2	61.3	61.4	61.6
≥ 20000		57.2	61.4	63.4	64.0	64.1	65.2	65.6	65.7	65.9	66.0	66.0	66.0	66.1	66.2	66.3
IV 18000		57.2	61.4	63.4	64.0	64.1	65.2	65.6	65.7	65.9	66.0	66.0	66.0	66.1	66.2	66.3
IV 16000		57.5	61.8	63.8	64.4	64.5	65.6	66.0	66.1	66.2	66.3	66.3	66.3	66.5	66.6	66.7
IV 14000		57.9	62.3	64.3	64.9	65.0	66.1	66.5	66.6	66.7	66.8	66.8	66.8	67.0	67.1	67.2
IV 12000		59.6	64.1	66.2	66.8	67.0	68.1	68.4	68.5	68.7	68.9	68.9	68.9	69.0	69.2	69.3
IV 10000		61.9	66.7	68.8	69.4	69.5	70.6	71.0	71.1	71.2	71.5	71.5	71.5	71.6	71.7	71.8
IV 9000		61.9	66.7	68.8	69.4	69.5	70.6	71.0	71.1	71.2	71.5	71.5	71.5	71.6	71.7	71.8
IV 8000		64.3	69.0	71.2	72.2	72.3	73.4	73.8	73.9	74.1	74.3	74.3	74.3	74.4	74.5	74.7
IV 7000		65.4	70.1	72.5	73.4	73.6	74.7	75.0	75.2	75.3	75.5	75.5	75.6	75.8	75.9	76.0
IV 6000		66.1	71.1	73.4	74.4	74.5	75.6	76.0	76.1	76.3	76.5	76.5	76.6	76.7	76.9	77.0
IV 5000		67.9	73.3	76.0	77.0	77.1	78.2	78.6	78.7	78.8	79.1	79.1	79.2	79.3	79.4	79.6
IV 4500		69.0	74.4	77.1	78.1	78.2	79.3	79.7	79.8	79.9	80.2	80.2	80.3	80.4	80.5	80.7
IV 4000		69.4	75.0	77.8	78.8	78.9	80.0	80.4	80.5	80.8	81.0	81.0	81.2	81.3	81.4	81.5
IV 3500		70.6	76.3	79.1	80.0	80.3	81.4	81.8	81.9	82.1	82.4	82.4	82.5	82.6	82.7	82.9
IV 3000		72.1	77.7	80.8	81.9	82.1	83.2	83.6	83.7	84.0	84.2	84.2	84.3	84.5	84.6	84.7
IV 2500		73.2	79.1	82.1	83.4	83.6	84.8	85.3	85.4	85.7	85.9	85.9	86.0	86.2	86.3	86.4
IV 2000		73.8	79.9	83.0	84.3	84.7	85.9	86.4	86.5	86.8	87.0	87.0	87.1	87.3	87.4	87.6
IV 1800		73.8	80.2	83.2	84.6	84.9	86.2	86.7	86.8	87.0	87.3	87.3	87.4	87.5	87.6	87.9
IV 1500		74.2	80.7	83.7	85.1	85.4	86.8	87.3	87.5	87.8	88.0	88.0	88.1	88.2	88.4	88.6
IV 1200		74.2	80.7	84.0	85.3	85.7	87.0	87.5	87.8	88.0	88.2	88.2	88.4	88.5	88.6	88.9
IV 1000		74.4	81.0	84.5	85.8	86.2	87.5	88.0	88.2	88.5	88.7	88.7	88.9	89.0	89.1	89.4
IV 900		74.9	81.5	84.9	86.3	86.7	88.0	88.5	88.7	89.0	89.2	89.2	89.4	89.5	89.6	89.8
IV 800		75.2	81.8	85.2	86.9	87.3	88.6	89.1	89.4	89.6	90.0	90.0	90.1	90.2	90.3	90.6
IV 700		75.5	82.1	85.6	87.3	87.8	89.2	89.8	90.1	90.3	90.7	90.7	90.8	90.9	91.2	91.4
IV 600		75.8	82.5	86.3	88.0	88.6	90.1	90.7	90.9	91.2	91.6	91.6	91.8	91.9	92.2	92.5
IV 500		76.0	82.7	86.8	88.5	89.2	90.8	91.7	92.0	92.4	92.9	92.9	93.3	93.4	93.6	94.0
IV 400		76.3	83.1	87.4	89.5	90.3	92.2	93.3	93.6	94.2	94.7	94.7	95.2	95.3	95.6	96.0
IV 300		76.3	83.1	87.4	89.6	90.6	92.5	93.9	94.2	95.1	95.8	95.8	96.3	96.5	97.1	97.4
IV 200		76.3	83.1	87.4	89.6	90.6	92.5	93.9	94.5	95.6	96.7	96.8	97.7	98.2	98.8	99.4
IV 100		76.3	83.1	87.4	89.6	90.6	92.7	94.0	94.6	95.7	96.8	96.9	97.9	98.4	99.0	99.8
IV 0		76.3	83.1	87.4	89.6	90.6	92.7	94.0	94.6	95.7	96.8	96.9	97.9	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

817

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEE

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000		57.2	58.5	58.8	58.8	59.0	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
≥ 18000		62.2	63.7	64.1	64.2	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2
IV 16000		62.5	64.1	64.4	64.5	64.8	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6
IV 14000		62.8	64.3	64.7	64.8	65.0	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8
IV 12000		63.2	64.8	65.1	65.2	65.5	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
IV 10000		65.4	66.9	67.3	67.4	67.6	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4
IV 9000		67.7	69.3	69.6	69.8	70.0	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
IV 8000		68.0	69.6	70.0	70.1	70.3	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2
IV 7000		70.6	72.4	72.7	72.8	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1
IV 6000		71.5	73.4	73.8	73.9	74.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4
IV 5000		72.9	74.6	75.0	75.1	75.4	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6
IV 4500		73.4	75.9	76.4	76.6	77.0	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.3	78.3	78.3
IV 4000		73.8	76.3	76.7	77.1	77.5	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.8	78.8	78.8
IV 3500		75.8	78.5	79.1	79.5	79.8	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3
IV 3000		76.7	79.6	80.4	80.8	81.3	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
IV 2500		78.2	81.0	81.9	82.4	82.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6	84.6
IV 2000		78.9	81.7	82.6	83.6	84.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9
IV 1800		79.7	82.6	83.4	84.5	85.1	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2	87.2
IV 1500		80.1	82.9	83.7	84.8	85.4	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5
IV 1200		80.7	83.5	84.5	85.9	86.5	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6
IV 1000		81.4	84.2	85.8	87.2	87.8	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
IV 900		81.9	84.7	86.4	87.8	88.4	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5
IV 800		82.6	85.4	87.3	88.7	89.3	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5
IV 700		82.6	85.4	87.4	89.0	89.6	90.7	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7
IV 600		82.9	85.9	88.0	89.7	90.3	91.6	92.3	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8
IV 500		82.9	86.0	88.1	90.0	90.9	92.3	93.0	93.4	93.6	93.6	93.6	93.6	93.8	93.8	94.0
IV 400		83.5	86.6	89.1	91.0	92.1	93.7	94.5	94.9	95.4	95.4	95.4	95.4	95.6	95.6	95.7
IV 300		83.7	87.0	89.6	91.6	92.8	94.8	96.0	96.4	96.9	96.9	96.9	96.9	97.3	97.3	97.4
IV 200		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.7	97.2	97.3	97.3	97.3	97.7	98.1	98.5
IV 100		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.8	97.4	97.7	97.7	97.7	98.7	99.4	100.0
IV 0		83.7	87.0	89.6	91.6	92.8	94.8	96.1	96.8	97.4	97.7	97.9	98.7	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

843

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		58.9	59.3	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8
≥ 20000		66.3	66.7	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
IV 18000		67.3	67.8	67.8	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
IV 16000		67.5	67.9	67.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
IV 14000		68.3	68.8	68.8	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2
IV 12000		70.4	70.9	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
IV 10000		72.2	72.8	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3
IV 9000		73.8	74.6	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
IV 8000		75.4	76.1	76.1	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
IV 7000		76.2	76.9	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6
IV 6000		77.0	77.8	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6
IV 5000		78.7	79.8	79.9	80.2	80.5	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.2
IV 4500		78.9	80.0	80.1	80.5	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.4
IV 4000		80.2	81.3	81.4	81.9	82.2	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	83.0	83.1
IV 3500		81.4	82.5	82.6	83.1	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.3	84.3	84.4	84.5
IV 3000		82.5	83.6	83.8	84.3	84.6	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.6	85.7
IV 2500		83.1	84.1	84.4	85.2	85.6	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.6	86.7
IV 2000		84.3	85.7	85.9	87.0	87.5	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.6	88.8
IV 1800		84.5	85.9	86.2	87.2	87.7	88.4	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.9	89.0
IV 1500		85.4	87.1	87.5	88.5	89.1	89.9	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.5	90.7
IV 1200		86.5	88.4	88.8	89.8	90.4	91.4	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.1	92.2
IV 1000		87.0	89.1	89.5	90.5	91.2	92.3	92.7	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.1
IV 900		87.5	89.6	89.9	91.0	91.8	92.9	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.8
IV 800		87.7	89.8	90.3	91.5	92.3	93.4	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.6
IV 700		88.0	90.3	91.0	92.3	93.3	94.4	95.1	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.7
IV 600		88.3	90.5	91.4	92.7	93.7	95.0	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.3
IV 500		88.5	91.0	92.0	93.5	94.6	96.0	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.8	97.9
IV 400		88.5	91.0	92.0	93.5	94.7	96.1	97.3	97.8	98.0	98.0	98.0	98.1	98.1	98.2	98.3
IV 300		88.5	91.1	92.2	93.7	94.9	96.4	97.9	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.1
IV 200		88.5	91.1	92.2	93.7	95.0	96.7	98.1	98.7	98.9	99.3	99.4	99.6	99.6	99.9	100.0
IV 100		88.5	91.1	92.2	93.7	95.0	96.7	98.1	98.7	98.9	99.3	99.4	99.6	99.6	99.9	100.0
IV 0		88.5	91.1	92.2	93.7	95.0	96.7	98.1	98.7	98.9	99.3	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

845

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		58.3	59.0	59.1	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000		67.0	67.8	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000		68.0	68.8	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000		68.0	68.8	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 14000		68.8	69.6	69.7	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 12000		70.7	71.6	71.7	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 10000		72.8	73.9	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000		74.2	75.7	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 8000		75.9	77.3	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000		76.6	78.1	78.6	78.8	78.8	79.7	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 6000		79.6	80.1	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2
≥ 5000		79.8	81.6	82.0	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9
≥ 4500		80.3	82.0	82.5	82.7	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3
≥ 4000		81.9	83.7	84.2	84.5	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
≥ 3500		82.4	84.2	84.6	85.0	85.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8
≥ 3000		83.5	85.2	85.9	86.4	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 2500		84.6	86.4	87.1	87.6	87.8	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
≥ 2000		85.8	87.6	88.4	89.0	89.2	89.4	89.7	89.7	89.8	89.8	89.8	89.8	90.0	90.0	90.0
≥ 1800		86.1	87.9	88.8	89.4	89.6	89.7	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3
≥ 1500		87.0	88.9	89.7	90.5	90.8	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.5	91.5	91.5
≥ 1200		87.7	89.6	90.4	91.6	91.8	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7
≥ 1000		88.1	90.1	90.9	92.2	92.4	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
≥ 900		88.1	90.3	91.1	92.4	92.8	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.9	93.9	93.9
≥ 800		88.4	90.8	91.8	93.5	93.9	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
≥ 700		88.5	90.9	92.0	93.6	94.0	94.8	95.3	95.3	95.5	95.5	95.5	95.5	95.6	95.6	95.6
≥ 600		88.7	91.1	92.6	94.4	94.9	95.9	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 500		88.9	91.4	92.8	95.2	95.7	96.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 400		89.1	91.6	93.0	95.5	96.1	97.3	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 300		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.4	99.5	99.5	99.5	99.6	99.6	99.6
≥ 200		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.5	99.5	99.6	99.6	99.9	100.0	100.0
≥ 100		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.5	99.6	99.6	99.8	99.9	100.0	100.0
≥ 0		89.1	91.7	93.1	95.8	96.2	97.4	99.1	99.1	99.5	99.6	99.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		63.7	61.3	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 20000		68.5	69.5	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 18000		68.8	69.9	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 16000		69.1	70.1	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 14000		70.1	71.4	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000		70.9	72.2	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 10000		73.8	75.1	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 9000		74.4	75.8	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 8000		76.2	77.8	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 7000		76.8	78.4	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 6000		78.7	80.3	80.9	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 5000		79.9	81.5	82.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500		80.8	82.3	83.2	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 4000		82.3	84.0	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
IV 3500		82.9	85.2	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
IV 3000		84.0	86.4	87.3	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500		84.2	86.6	87.6	88.4	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
IV 2000		84.8	87.2	88.2	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 1800		84.8	87.2	88.2	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 1500		85.4	87.8	88.7	89.6	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 1200		86.3	88.6	89.6	90.6	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 1000		86.8	89.2	90.2	91.4	91.4	92.2	92.3	92.3	92.3	92.5	92.5	92.7	92.7	92.7	92.7
IV 900		87.0	89.3	90.3	91.8	91.9	92.8	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2	93.2
IV 800		87.2	89.7	90.6	92.2	92.3	93.1	93.2	93.2	93.2	93.5	93.5	93.7	93.7	93.7	93.7
IV 700		87.2	89.9	91.0	92.8	92.9	94.0	94.1	94.1	94.3	94.5	94.5	94.8	94.8	94.8	94.8
IV 600		87.3	90.3	91.4	93.7	94.0	95.0	95.3	95.3	95.5	95.9	95.9	96.1	96.1	96.1	96.1
IV 500		87.4	90.6	91.7	94.3	94.5	95.9	96.4	96.4	96.7	97.0	97.0	97.3	97.3	97.3	97.3
IV 400		87.9	91.2	92.4	95.0	95.3	96.7	97.4	97.4	97.7	98.1	98.1	98.3	98.3	98.3	98.3
IV 300		87.9	91.2	92.4	95.0	95.4	96.8	97.7	97.9	98.2	98.6	98.6	98.9	98.9	98.9	98.9
IV 200		87.9	91.2	92.4	95.0	95.4	96.8	97.7	98.0	98.5	98.9	98.9	99.4	99.4	99.5	99.9
IV 100		87.9	91.2	92.4	95.0	95.4	96.8	97.7	98.0	98.5	98.9	98.9	99.4	99.4	99.5	100.0
IV 0		87.9	91.2	92.4	95.0	95.4	96.8	97.7	98.0	98.5	98.9	98.9	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 644

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

70,73-81
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		64.6	65.2	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.7	66.7	66.7
≥ 20000		69.9	70.9	71.0	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7
≥ 18000		69.9	70.9	71.4	71.6	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1
≥ 16000		70.1	70.7	71.6	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3
≥ 14000		70.6	71.2	72.1	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8
≥ 12000		71.2	71.9	72.7	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.5	73.5	73.5
≥ 10000		74.4	75.1	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8
≥ 9000		74.7	75.4	76.3	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.2	77.2	77.2
≥ 8000		76.5	77.4	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.3	79.3	79.3
≥ 7000		77.9	78.8	79.8	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7	80.7
≥ 6000		78.5	79.5	80.5	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.5	81.5	81.5
≥ 5000		80.7	81.9	82.8	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8
≥ 4500		81.5	82.6	83.6	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.8	84.8	84.8
≥ 4000		82.8	84.6	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9	86.9	86.9
≥ 3500		83.1	85.1	86.0	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.4	87.4	87.4
≥ 3000		83.7	85.9	86.9	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.3	88.3	88.3
≥ 2500		84.8	87.2	88.1	88.6	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.5	89.5	89.5
≥ 2000		85.6	88.7	89.0	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.4	90.4	90.4
≥ 1800		85.7	88.1	89.1	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.5	90.5	90.5
≥ 1500		86.3	88.8	90.0	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.4	91.4	91.4
≥ 1200		86.8	89.5	90.9	91.6	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.6	92.6
≥ 1000		87.0	89.8	91.1	91.9	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.8	92.8	92.8
≥ 900		87.2	90.0	91.4	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.2
≥ 800		87.3	90.1	91.9	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.7	93.7	93.7
≥ 700		88.0	91.0	93.0	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9
≥ 600		88.1	91.2	93.5	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7
≥ 500		88.3	91.6	94.1	95.3	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	97.0	97.0	97.0
≥ 400		88.4	91.9	94.7	96.2	96.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1
≥ 300		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3
≥ 200		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.6	98.6	98.6
≥ 100		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.9	98.9	98.9
≥ 0		88.4	91.9	94.7	96.4	96.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 31

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717

MYRTLE BEACH AFB SC

70, 73-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		59.1	60.6	61.3	61.8	61.8	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5
≥ 18000 ≥ 16000		65.1	66.8	67.6	68.0	68.1	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.8	68.8	68.9
≥ 14000 ≥ 12000		65.6	67.3	68.0	68.5	68.6	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3
≥ 10000 ≥ 9000		65.7	67.5	68.2	68.6	68.8	69.1	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.5
≥ 8000 ≥ 7000		66.3	68.1	68.8	69.3	69.4	69.7	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1
≥ 6000 ≥ 5000		67.9	69.7	70.5	70.9	71.1	71.4	71.5	71.5	71.6	71.6	71.6	71.7	71.7	71.7	71.8
≥ 4500 ≥ 4000		70.3	72.2	73.0	73.5	73.6	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4
≥ 3500 ≥ 3000		70.9	72.9	73.7	74.2	74.3	74.6	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.1
≥ 2500 ≥ 2000		72.8	74.8	75.7	76.3	76.4	76.8	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.2
≥ 1800 ≥ 1500		73.6	75.7	76.6	77.2	77.3	77.7	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.2
≥ 1200 ≥ 1000		74.7	76.9	77.8	78.4	78.6	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.3	79.4	79.4
≥ 900 ≥ 800		76.4	78.8	79.8	80.4	80.6	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.5	81.6
≥ 700 ≥ 600		77.1	79.5	80.5	81.2	81.4	81.9	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.4
≥ 500 ≥ 400		78.5	81.1	82.2	82.9	83.1	83.5	83.8	83.8	83.9	83.9	83.9	84.1	84.1	84.1	84.2
≥ 300 ≥ 200		79.4	82.1	83.2	84.0	84.2	84.7	84.9	84.9	85.0	85.1	85.1	85.2	85.2	85.2	85.3
≥ 100		80.5	83.2	84.4	85.2	85.5	86.0	86.2	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.6
≥ 0		81.2	84.1	85.3	86.3	86.6	87.1	87.4	87.4	87.5	87.5	87.5	87.7	87.7	87.7	87.8
		82.1	85.1	86.4	87.5	87.8	88.4	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.2
		82.2	85.3	86.6	87.7	88.0	88.6	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.3	89.4
		82.8	86.1	87.4	88.5	88.9	89.5	89.8	89.8	90.0	90.0	90.0	90.1	90.2	90.2	90.3
		83.5	86.7	88.2	89.5	89.8	90.6	90.9	90.9	91.0	91.1	91.1	91.2	91.2	91.3	91.4
		83.8	87.2	88.7	90.1	90.4	91.2	91.5	91.6	91.7	91.8	91.8	91.9	92.0	92.0	92.1
		84.1	87.5	89.1	90.5	90.9	91.7	92.1	92.1	92.3	92.3	92.3	92.5	92.5	92.5	92.6
		84.3	87.8	89.6	91.1	91.5	92.3	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.3
		84.6	88.2	90.0	91.6	92.1	93.0	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.0	94.1
		84.8	88.5	90.5	92.3	92.8	93.8	94.2	94.4	94.6	94.7	94.7	94.8	94.9	94.9	95.1
		85.1	88.9	91.1	93.1	93.6	94.9	95.5	95.7	95.9	96.0	96.1	96.2	96.3	96.3	96.4
		85.3	89.2	91.5	93.7	94.3	95.6	96.5	96.7	97.0	97.2	97.2	97.4	97.4	97.6	
		85.3	89.3	91.7	93.8	94.5	95.9	97.0	97.2	97.6	97.8	97.8	98.1	98.2	98.4	98.5
		85.3	89.3	91.7	93.9	94.5	96.0	97.0	97.4	98.0	98.3	98.4	98.9	99.1	99.4	99.7
		85.3	89.3	91.7	93.9	94.5	96.0	97.1	97.4	98.1	98.4	98.5	99.0	99.2	99.6	99.9
		85.3	89.3	91.7	93.9	94.5	96.0	97.1	97.4	98.1	98.4	98.5	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6364

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73,75-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	60.0	54.7	55.6	55.7	55.9	56.1	56.6	56.7	57.0	57.1	57.3	57.3	57.5	57.6	58.2	58.4
≥ 18000 IV 6000	61.3	61.6	63.5	63.7	63.9	64.1	64.6	64.7	65.0	65.1	65.2	65.2	65.5	65.6	66.1	66.4
IV 14000 IV 12000	63.1	64.4	65.4	65.5	65.8	65.9	66.4	66.5	66.8	66.9	67.1	67.1	67.3	67.5	68.0	68.2
IV 10000 IV 9000	66.8	66.9	69.2	69.3	69.5	69.7	70.2	70.3	70.6	70.7	70.8	70.8	71.1	71.2	71.8	72.0
IV 8000 IV 7000	68.9	69.9	71.4	71.5	71.8	71.9	72.4	72.5	72.8	72.9	73.1	73.1	73.3	73.5	74.0	74.2
IV 6000 IV 5000	70.8	72.9	73.3	73.5	73.7	73.9	74.4	74.5	74.8	74.9	75.0	75.0	75.3	75.4	75.9	76.2
IV 4500 IV 4000	73.5	75.7	75.9	76.2	76.5	76.6	77.1	77.3	77.5	77.6	77.8	77.8	78.0	78.2	78.7	79.1
IV 3500 IV 3000	76.1	77.9	79.0	79.3	79.7	79.9	80.4	80.5	80.8	81.0	81.2	81.2	81.4	81.6	82.1	82.4
IV 2500 IV 2000	78.6	79.6	82.2	82.9	83.3	83.4	83.9	84.1	84.3	84.6	84.7	84.7	85.0	85.1	85.6	85.9
IV 1800 IV 1500	79.7	80.5	84.6	85.4	86.0	86.5	87.1	87.2	87.5	87.7	87.8	87.8	88.1	88.2	88.8	89.0
IV 1200 IV 1000	80.9	81.2	86.1	86.9	88.0	88.6	89.3	89.4	89.7	89.9	90.1	90.1	90.3	90.5	91.0	91.2
IV 900 IV 800	81.2	81.2	86.5	87.3	88.8	89.4	90.2	90.3	90.6	90.8	91.0	91.0	91.2	91.4	91.9	92.2
IV 700 IV 600	81.4	81.6	87.2	88.2	90.1	90.7	91.5	91.6	91.9	92.2	92.3	92.3	92.5	92.7	93.2	93.5
IV 500 IV 400	81.7	81.8	87.5	89.0	91.1	91.8	92.8	93.3	93.6	93.9	94.0	94.0	94.2	94.4	94.9	95.2
IV 300 IV 200	81.8	81.8	87.7	89.9	93.1	93.9	95.2	95.8	96.1	96.5	96.7	96.9	97.1	97.4	98.2	98.4
IV 100 IV 0	81.8	81.8	87.7	89.9	93.1	94.0	95.4	96.3	96.6	97.1	97.5	97.6	98.0	98.3	99.2	99.7

TOTAL NUMBER OF OBSERVATIONS

765

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13217

MYRTLE BEACH AFB SC

69-70,73,75-80

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING		49.1	51.8	51.6	51.8	51.8	52.0	52.4	52.5	52.5	52.5	52.5	52.6	52.6	52.7	54.3
≥ 20000		54.1	55.8	56.7	56.9	56.9	57.1	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.9	59.4
≥ 18000		54.3	56.0	56.9	57.2	57.2	57.3	57.7	57.9	57.9	57.9	57.9	58.0	58.0	58.1	59.7
≥ 16000		55.0	56.7	57.6	57.9	57.9	58.0	58.4	58.5	58.5	58.5	58.5	58.6	58.6	58.8	60.3
≥ 14000		55.4	57.1	58.0	58.2	58.2	58.4	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.2	60.7
≥ 12000		57.2	58.9	59.8	60.1	60.1	60.2	60.6	60.7	60.7	60.7	60.7	60.9	60.9	61.0	62.6
≥ 10000		60.9	62.7	63.6	63.9	63.9	64.0	64.4	64.5	64.5	64.5	64.5	64.7	64.7	64.8	66.4
≥ 9000		61.3	63.4	64.3	64.5	64.5	64.7	65.1	65.2	65.2	65.2	65.2	65.3	65.3	65.4	67.0
≥ 8000		63.6	65.7	66.9	67.3	67.3	67.4	67.8	67.9	67.9	67.9	67.9	68.1	68.1	68.2	69.8
≥ 7000		64.3	66.4	67.5	67.9	67.9	68.2	68.6	68.7	68.7	68.7	68.7	68.8	68.8	69.0	70.5
≥ 6000		65.4	67.7	69.0	69.4	69.4	69.6	70.0	70.2	70.2	70.2	70.2	70.3	70.3	70.4	72.0
≥ 5000		67.7	70.3	71.6	72.3	72.3	72.5	72.9	73.0	73.0	73.0	73.0	73.2	73.2	73.3	74.9
≥ 4500		68.6	71.6	72.9	73.6	73.6	74.0	74.3	74.5	74.5	74.5	74.5	74.6	74.6	74.7	76.3
≥ 4000		70.5	73.7	75.0	75.9	75.9	76.4	76.8	77.0	77.0	77.0	77.0	77.1	77.1	77.2	78.8
≥ 3500		71.3	74.6	76.2	77.1	77.1	77.6	78.0	78.1	78.1	78.1	78.1	78.3	78.3	78.4	80.0
≥ 3000		72.5	75.8	77.5	78.4	78.4	78.9	79.3	79.5	79.5	79.5	79.5	79.6	79.6	79.7	81.3
≥ 2500		73.3	76.7	78.4	79.5	79.5	80.0	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.8	82.3
≥ 2000		75.3	78.8	80.6	81.8	82.2	82.7	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.8	85.3
≥ 1800		75.3	78.8	80.6	81.8	82.2	82.7	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.8	85.3
≥ 1500		77.0	80.5	82.3	83.5	83.9	84.4	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.5	87.0
≥ 1200		78.1	81.7	83.6	85.1	85.6	86.1	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.2	88.7
≥ 1000		79.3	82.9	85.1	86.5	87.0	88.1	88.7	88.9	88.9	88.9	88.9	89.0	89.0	89.1	90.7
≥ 900		79.5	83.0	85.3	86.8	87.3	88.4	89.0	89.1	89.1	89.1	89.1	89.3	89.3	89.4	91.0
≥ 800		79.6	83.4	85.7	87.2	87.7	88.9	89.5	89.7	89.7	89.7	89.7	89.8	89.8	89.9	91.5
≥ 700		80.4	83.9	86.4	87.8	88.4	89.5	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.6	92.1
≥ 600		81.4	84.2	86.6	88.2	88.9	90.1	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.1	92.7
≥ 500		80.4	84.3	86.8	88.4	89.0	90.2	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.2	92.8
≥ 400		80.9	85.1	88.0	89.9	90.8	92.3	93.3	93.5	93.7	93.7	93.7	93.8	93.8	94.1	95.7
≥ 300		80.9	85.1	88.2	90.7	91.6	93.2	94.5	94.8	95.0	95.2	95.2	95.3	95.3	95.7	97.5
≥ 200		80.9	85.1	88.4	91.1	92.1	93.8	95.3	95.5	95.9	96.1	96.1	96.3	96.3	96.9	98.8
≥ 100		80.9	85.1	88.4	91.1	92.1	93.8	95.3	95.5	95.9	96.2	96.2	96.6	96.6	97.4	99.5
≥ 0		80.9	85.1	88.4	91.1	92.1	93.8	95.3	95.5	95.9	96.2	96.2	96.6	96.6	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 764

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 20000	44.4	46.7	47.7	48.5	48.8	49.2	49.8	49.8	50.1	50.3	50.3	50.6	50.6	50.7	51.5	
18000	48.0	50.7	51.7	52.6	52.9	53.4	54.2	54.2	54.4	54.7	54.7	55.0	55.0	55.1	55.9	
16000	48.3	51.1	52.0	52.9	53.3	53.7	54.5	54.5	54.7	55.0	55.0	55.4	55.4	55.5	56.3	
14000	48.5	51.3	52.3	53.2	53.5	53.9	54.7	54.7	54.9	55.3	55.3	55.6	55.6	55.7	56.5	
12000	49.4	52.2	53.2	54.0	54.4	54.8	55.6	55.6	55.8	56.1	56.1	56.5	56.5	56.6	57.4	
10000	50.7	53.7	54.7	55.6	55.9	56.4	57.1	57.1	57.4	57.7	57.7	58.0	58.0	58.1	58.9	
9000	53.7	56.9	57.9	58.8	59.1	59.6	60.4	60.4	60.6	60.9	60.9	61.2	61.2	61.4	62.1	
8000	54.7	57.9	58.9	59.8	60.1	60.6	61.4	61.4	61.6	61.9	61.9	62.2	62.2	62.3	63.1	
7000	58.7	62.0	63.0	64.0	64.5	64.9	65.8	65.8	66.0	66.3	66.3	66.7	66.7	66.8	67.6	
6000	60.0	63.6	64.6	65.7	66.2	66.7	67.7	67.8	68.0	68.3	68.3	68.7	68.8	68.9	69.7	
5000	61.1	64.7	65.7	66.8	67.3	67.9	68.9	69.0	69.2	69.5	69.5	69.9	70.0	70.1	70.9	
4500	63.8	67.6	68.8	69.9	70.4	71.0	72.0	72.1	72.3	72.6	72.6	73.0	73.1	73.2	74.1	
4000	65.0	68.8	70.0	71.1	71.7	72.2	73.2	73.3	73.5	73.9	73.9	74.2	74.3	74.4	75.3	
3500	66.3	70.2	71.4	72.8	73.3	74.0	75.0	75.1	75.3	75.6	75.6	76.1	76.2	76.3	77.2	
3000	67.6	71.5	73.0	74.4	75.1	75.7	76.9	77.3	77.3	77.6	77.6	78.1	78.2	78.3	79.2	
2500	69.2	73.4	75.1	76.5	77.2	77.9	79.0	79.1	79.4	79.7	79.7	80.2	80.3	80.5	81.4	
2000	69.9	74.1	75.7	77.3	78.0	78.6	79.7	79.8	80.2	80.5	80.5	81.0	81.1	81.3	82.2	
1800	70.5	74.9	76.6	78.2	78.8	79.6	80.7	80.8	81.2	81.5	81.5	81.9	82.1	82.3	83.2	
1500	70.8	75.1	76.9	78.4	79.2	80.0	81.1	81.3	81.6	81.9	81.9	82.4	82.5	82.7	83.6	
1200	71.1	75.4	77.3	79.1	79.8	80.6	81.8	82.1	82.4	82.7	82.7	83.2	83.3	83.5	84.4	
1000	72.3	77.1	78.8	81.0	81.7	82.6	83.8	84.1	84.4	84.7	84.7	85.2	85.3	85.5	86.4	
900	73.0	78.0	79.8	82.1	82.8	83.7	84.9	85.2	85.5	85.9	85.9	86.4	86.5	86.7	87.6	
800	73.4	78.4	80.4	82.7	83.5	84.4	85.7	85.9	86.3	86.8	86.8	87.4	87.5	87.7	88.7	
700	73.5	78.7	80.7	83.1	83.8	84.7	86.0	86.3	86.6	87.2	87.2	87.7	87.8	88.0	89.0	
600	73.8	79.3	81.3	83.7	84.6	85.5	86.9	87.2	87.5	88.0	88.0	88.6	88.7	88.9	89.9	
500	73.9	79.6	81.6	84.3	85.2	86.4	87.8	88.0	88.4	88.9	88.9	89.5	89.6	89.8	90.8	
400	74.1	80.1	82.1	84.7	85.6	86.8	88.6	88.8	89.4	89.9	89.9	90.5	90.7	90.9	91.9	
300	74.4	81.1	83.2	86.4	87.4	88.6	90.7	90.9	91.5	92.2	92.2	92.9	93.1	93.6	94.6	
200	74.6	81.3	83.5	86.9	88.3	89.9	92.6	92.8	93.6	94.4	94.4	95.1	95.3	95.9	97.1	
100	74.8	81.4	83.6	87.0	88.5	90.1	92.9	93.2	94.1	95.6	95.7	96.9	97.6	98.1	99.8	
0	74.8	81.4	83.6	87.0	88.5	90.1	92.9	93.2	94.1	95.6	95.7	96.9	97.6	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 973

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING ≥ 20000		50.8	51.7	51.9	52.5	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	53.0
IV 18000		58.2	59.4	60.0	60.6	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0
IV 16000		58.7	60.0	60.2	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.2
IV 14000		59.3	60.6	60.8	61.5	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.9
IV 12000		61.8	63.2	63.4	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5
IV 10000		63.9	65.4	65.7	66.3	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.7
IV 9000		65.6	67.1	67.3	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.4
IV 8000		68.4	70.2	70.7	71.4	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.8
IV 7000		70.1	71.9	72.4	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.5
IV 6000		71.0	73.2	73.7	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.8
IV 5000		72.4	74.8	75.3	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4	76.4
IV 4500		73.4	75.8	76.3	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4
IV 4000		74.9	77.8	78.8	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.1
IV 3500		75.1	78.0	79.0	79.9	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.4
IV 3000		75.8	78.9	80.0	80.8	80.8	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.4
IV 2500		76.2	79.3	80.5	81.4	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9
IV 2000		77.6	80.8	82.1	83.4	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.1
IV 1800		78.3	81.6	82.9	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0
IV 1500		79.0	82.5	83.9	85.4	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2
IV 1200		79.5	83.3	84.8	86.4	86.8	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.6
IV 1000		80.3	84.2	85.8	87.4	87.7	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.8
IV 900		80.4	84.6	86.3	87.9	88.3	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.5
IV 800		80.7	85.1	87.1	88.8	89.1	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.4
IV 700		81.3	86.0	88.2	90.2	90.5	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.9	91.9	92.0
IV 600		81.4	86.2	88.4	90.5	91.0	91.7	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.8
IV 500		81.6	86.5	88.8	91.4	91.9	93.2	94.0	94.2	94.3	94.3	94.3	94.4	94.4	94.6	94.6	94.7
IV 400		82.0	87.2	89.6	92.6	93.1	94.5	95.5	95.8	96.1	96.2	96.2	96.3	96.6	96.6	96.7	96.7
IV 300		82.2	87.4	90.0	93.0	93.6	95.0	96.2	96.7	97.2	97.5	97.5	97.7	98.0	98.0	98.2	98.2
IV 200		82.2	87.4	90.0	93.0	93.8	95.2	96.4	97.0	97.8	98.4	98.4	99.1	99.4	99.5	99.7	99.7
IV 100		82.2	87.4	90.0	93.0	93.8	95.2	96.4	97.0	97.8	98.4	98.4	99.2	99.5	99.6	99.9	99.9
IV 0		82.2	87.4	90.0	93.0	93.8	95.2	96.4	97.0	97.8	98.4	98.4	99.2	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
IV 20000	54.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 18000	63.2	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 16000	63.7	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000	63.7	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	64.7	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 10000	66.6	67.2	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 9000	69.2	69.9	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 8000	70.2	71.0	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 7000	72.9	73.7	74.6	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 6000	74.4	75.5	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	75.4	76.6	77.5	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4500	76.5	77.6	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 4000	77.1	78.4	79.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 3500	79.6	81.2	82.3	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 3000	80.1	81.8	82.9	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2500	81.8	83.5	84.6	84.9	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	82.5	84.5	85.6	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	84.4	86.7	87.7	88.4	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1500	84.8	87.1	88.2	88.8	88.8	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1200	85.1	87.4	88.5	89.1	89.4	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	86.1	88.7	89.8	90.9	91.1	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 900	87.1	90.0	91.3	92.4	92.6	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	87.4	90.5	91.9	93.0	93.2	94.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 700	88.0	91.3	92.9	94.0	94.2	95.1	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	88.1	91.5	93.5	94.8	95.1	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 500	88.1	91.7	93.8	95.2	95.6	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 400	88.3	91.9	94.4	96.7	97.2	98.3	98.8	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4
IV 300	88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6
IV 200	88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6
IV 100	88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6
IV 0	88.3	91.9	94.5	96.8	97.3	98.4	99.0	99.0	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		54.0	54.1	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 18000		64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000		64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000		65.7	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 12000		67.8	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 10000		70.4	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 9000		71.5	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 8000		74.0	74.9	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 7000		76.2	77.3	78.1	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 6000		77.0	78.3	79.0	79.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 5000		78.6	80.1	80.9	81.3	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4500		78.8	80.4	81.2	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000		80.6	82.4	83.1	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3500		81.6	83.4	84.3	85.1	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3000		83.3	85.4	86.5	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500		83.8	85.9	87.0	88.3	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2000		84.8	87.2	88.4	89.8	89.9	90.2	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1800		85.2	87.5	88.7	90.1	90.2	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500		85.8	88.2	89.4	90.9	91.0	91.4	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 1200		86.9	89.2	90.5	92.2	92.3	92.9	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000		87.5	89.9	91.7	93.3	93.4	94.1	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 900		87.8	90.4	92.3	94.0	94.1	94.8	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IV 800		88.0	90.6	92.5	94.2	94.3	95.1	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 700		88.3	91.0	93.1	94.9	95.1	96.0	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
IV 600		88.8	91.7	93.9	95.7	95.8	96.9	97.4	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 500		88.8	91.7	94.0	96.0	96.2	97.4	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 400		88.9	91.8	94.1	96.1	96.3	97.5	98.3	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.4
IV 300		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.8	99.0	99.4	99.4	99.6	99.6	99.7	99.8
IV 200		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.9	99.1	99.5	99.5	99.7	99.7	99.9	100.0
IV 100		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.9	99.1	99.5	99.5	99.7	99.7	99.9	100.0
IV 0		88.9	91.8	94.1	96.1	96.3	97.6	98.4	98.9	99.1	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 MONTH
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		55.3	56.6	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000 16000		62.8	64.4	64.8	65.2	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 14000 12000		63.1	64.7	65.2	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 10000 9000		63.3	64.9	65.4	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 8000 7000		64.8	66.5	66.9	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 6000 5000		66.5	68.1	68.5	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 4500 4000		68.4	70.0	70.4	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 3500 3000		69.1	71.0	71.4	71.8	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 2500 2000		71.6	73.4	73.9	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 1800 1500		73.5	75.5	76.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 1200 1000		74.6	76.7	77.4	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 900 800		77.7	80.1	81.1	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 700 600		78.1	80.4	81.4	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 500 400		79.5	82.2	83.3	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 300 200		79.8	82.5	83.7	84.8	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 100 0		80.6	83.4	84.8	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
		81.3	84.1	85.5	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
		81.6	84.6	86.2	87.7	88.2	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
		81.7	84.7	86.3	87.8	88.3	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
		82.0	85.1	86.7	88.2	88.6	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
		82.3	85.3	87.0	88.7	89.1	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
		83.9	87.1	88.8	90.6	91.1	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
		84.3	88.0	89.7	91.6	92.2	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
		84.5	88.3	90.2	92.2	92.7	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
		85.1	89.1	91.2	93.1	93.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
		85.1	89.2	91.4	93.3	93.9	94.9	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
		85.3	89.7	91.9	94.1	94.8	96.1	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
		85.3	89.8	92.2	94.4	95.2	96.7	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5
		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		85.5	90.0	92.4	94.6	95.4	96.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		58.1 63.3	59.7 65.4	59.7 65.4	60.1 65.7	60.3 66.0	60.3 66.0	60.5 66.2	60.6 66.3	60.7 66.4	61.1 66.7	61.1 66.7	61.2 66.9	61.2 66.9	61.3 67.0	61.3 67.0
IV ≥ 18000 IV 16000		63.7 64.1	65.9 66.2	65.9 66.2	66.2 66.5	66.4 66.7	66.4 66.7	66.6 67.0	66.7 67.1	66.9 67.2	67.2 67.5	67.2 67.5	67.3 67.6	67.3 67.6	67.4 67.7	67.4 67.7
IV 14000 IV 12000		65.0 66.7	67.2 69.0	67.2 69.0	67.5 69.3	67.7 69.5	67.7 69.5	68.0 69.7	68.1 69.9	68.3 70.1	68.6 70.4	68.6 70.4	68.7 70.5	68.7 70.5	68.9 70.6	68.9 70.6
IV 10000 IV 9000		67.4 67.4	69.6 69.6	69.6 69.6	70.0 70.0	70.2 70.2	70.2 70.2	70.4 70.4	70.5 70.5	70.7 70.7	71.1 71.1	71.1 71.1	71.2 71.2	71.2 71.2	71.3 71.3	71.3 71.3
IV 8000 IV 7000		69.6 71.0	72.2 73.6	72.2 73.6	72.6 74.5	72.9 75.0	72.9 75.0	73.1 75.2	73.2 75.3	73.4 75.5	73.7 75.9	73.7 75.9	73.9 76.0	73.9 76.0	74.0 76.1	74.0 76.1
IV 6000 IV 5000		72.3 74.6	75.4 77.9	75.8 78.2	76.6 79.1	77.1 79.5	77.1 79.5	77.3 79.8	77.4 79.9	77.6 80.1	78.0 80.4	78.0 80.4	78.0 80.5	78.1 80.5	78.1 80.5	78.2 80.6
IV 4500 IV 4000		75.2 76.9	78.5 80.5	78.9 81.1	79.8 82.1	80.2 82.5	80.2 82.6	80.4 82.9	80.5 83.0	80.8 83.3	81.1 83.6	81.1 83.6	81.2 83.8	81.2 83.8	81.3 83.9	81.3 83.9
IV 3500 IV 3000		77.6 78.3	81.4 82.2	82.0 82.8	83.0 83.8	83.4 84.2	83.5 84.3	83.8 84.5	83.9 84.6	84.2 85.1	84.6 85.5	84.6 85.5	84.8 85.7	84.8 85.7	84.9 85.8	84.9 85.8
IV 2500 IV 2000		79.3 80.0	83.2 84.1	83.8 84.9	84.8 85.9	85.2 86.4	85.3 86.5	85.5 86.8	85.7 86.9	86.1 87.3	86.5 87.8	86.5 87.8	86.7 87.9	86.7 87.9	86.8 88.1	86.8 88.1
IV 1800 IV 1500		80.3 80.8	84.4 85.2	85.3 86.3	86.3 87.5	86.9 88.1	87.0 88.2	87.3 88.5	87.4 88.7	87.9 89.1	88.3 89.5	88.3 89.5	88.4 89.7	88.4 89.7	88.7 89.9	88.7 89.9
IV 1200 IV 1000		80.8 81.5	85.3 86.4	86.4 87.5	87.7 89.0	88.3 89.7	88.4 89.8	88.8 90.1	88.9 90.2	89.3 90.7	89.8 91.1	89.8 91.1	89.9 91.2	89.9 91.2	90.1 91.4	90.1 91.4
IV 900 IV 800		81.6 82.2	86.5 87.3	87.7 88.5	89.1 90.0	89.8 90.7	89.9 90.8	90.2 91.1	90.3 91.2	90.8 91.7	91.2 92.1	91.2 92.1	91.3 92.2	91.3 92.2	91.5 92.4	91.5 92.4
IV 700 IV 600		82.9 83.1	88.3 88.8	89.8 90.2	91.5 92.0	92.2 92.8	92.4 93.1	92.8 93.4	92.9 93.5	93.3 94.0	93.8 94.4	93.8 94.4	93.9 94.5	93.9 94.5	94.1 94.8	94.1 94.8
IV 500 IV 400		83.4 83.4	89.3 89.3	90.9 91.2	92.9 93.8	93.7 94.5	94.1 95.1	94.4 95.7	94.7 95.9	95.1 96.3	95.6 96.8	95.6 96.8	95.7 97.0	95.7 97.0	95.9 97.3	95.9 97.3
IV 300 IV 200		83.4 83.4	89.3 89.3	91.3 91.3	94.0 94.8	94.8 94.8	95.7 95.7	96.4 96.4	96.7 96.8	97.3 97.6	97.8 98.0	97.8 98.0	98.0 98.3	98.0 98.3	98.1 98.4	98.4 98.8
IV 100 IV 0		83.4 83.4	89.3 89.3	91.3 91.3	94.0 94.8	94.8 94.8	95.8 95.8	96.6 96.6	96.9 96.9	97.8 97.8	98.2 98.2	98.2 98.2	98.6 98.6	98.6 98.6	98.7 99.1	98.7 99.1

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEAR

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOUR (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		52.5	53.7	54.1	54.4	54.5	54.6	54.8	54.9	54.9	55.0	55.0	55.1	55.1	55.2	55.5
≥ 18000 IV 16000		59.4	60.9	61.3	61.6	61.7	61.9	62.1	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.9
IV 14000 12000		61.0	62.6	63.0	63.3	63.4	63.6	63.8	63.9	63.9	64.0	64.0	64.1	64.2	64.3	64.6
IV 10000 9000		62.8	64.5	65.0	65.3	65.4	65.6	65.8	65.9	65.9	66.0	66.0	66.1	66.2	66.3	66.6
IV 8000 7000		65.2	66.9	67.4	67.8	67.9	68.1	68.3	68.3	68.4	68.5	68.5	68.6	68.6	68.7	69.0
IV 6000 5000		66.0	67.8	68.3	68.7	68.8	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.5	69.6	69.9
IV 4500 4000		68.6	70.6	71.2	71.7	71.8	72.0	72.2	72.2	72.3	72.4	72.4	72.5	72.5	72.6	73.0
IV 3500 3000		70.1	72.2	72.8	73.5	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.4	74.5	74.6	74.9
IV 2500 2000		71.1	73.4	74.1	74.8	74.9	75.1	75.4	75.5	75.5	75.6	75.6	75.7	75.8	75.9	76.2
IV 1800 1500		73.2	75.6	76.4	77.1	77.3	77.5	77.8	77.8	77.9	78.0	78.0	78.1	78.2	78.3	78.6
IV 1200 1000		73.9	76.4	77.2	77.9	78.0	78.3	78.5	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.3
IV 900 800		75.6	78.4	79.4	80.2	80.4	80.7	81.0	81.0	81.1	81.2	81.2	81.3	81.4	81.5	81.8
IV 700 600		76.3	79.2	80.2	81.0	81.2	81.5	81.8	81.9	82.0	82.1	82.1	82.2	82.2	82.3	82.7
IV 500 400		77.6	80.6	81.6	82.7	82.9	83.2	83.5	83.6	83.7	83.8	83.8	84.0	84.0	84.1	84.4
IV 300 200		78.2	81.4	82.5	83.5	83.7	84.1	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.9	85.3
IV 100 0		79.3	82.8	84.1	85.2	85.6	86.0	86.4	86.5	86.6	86.7	86.7	86.9	86.9	87.0	87.3
		79.6	83.1	84.4	85.5	85.9	86.4	86.7	86.9	87.0	87.1	87.1	87.2	87.3	87.4	87.7
		80.3	83.8	85.1	86.4	86.8	87.3	87.7	87.8	88.0	88.1	88.2	88.2	88.2	88.4	88.7
		81.0	84.6	86.1	87.5	88.0	88.6	89.1	89.2	89.3	89.5	89.5	89.6	89.6	89.8	90.1
		81.8	85.7	87.2	88.8	89.3	90.0	90.5	90.6	90.7	90.9	90.9	91.0	91.0	91.2	91.5
		82.1	86.1	87.7	89.3	89.8	90.5	91.0	91.1	91.3	91.4	91.4	91.6	91.6	91.8	92.1
		82.4	86.5	88.2	89.9	90.4	91.1	91.6	91.8	91.9	92.1	92.1	92.2	92.3	92.4	92.7
		82.8	87.1	89.1	90.9	91.4	92.2	92.7	92.9	93.0	93.2	93.2	93.3	93.4	93.5	93.9
		82.9	87.4	89.4	91.3	91.9	92.8	93.4	93.5	93.7	93.9	93.9	94.0	94.1	94.2	94.6
		83.1	87.7	89.8	92.0	92.7	93.7	94.5	94.7	94.9	95.1	95.1	95.3	95.3	95.5	95.8
		83.2	88.1	90.4	92.9	93.5	94.7	95.7	96.0	96.2	96.5	96.5	96.8	96.8	97.0	97.4
		83.3	88.2	90.6	93.2	94.0	95.3	96.5	96.8	97.2	97.5	97.6	97.8	97.9	98.2	98.7
		83.3	88.2	90.6	93.3	94.1	95.4	96.7	97.1	97.6	98.1	98.1	98.5	98.6	99.0	99.5
		83.3	88.2	90.6	93.3	94.1	95.5	96.8	97.1	97.6	98.1	98.1	98.6	98.8	99.2	99.9
		83.3	88.2	90.6	93.3	94.1	95.5	96.8	97.1	97.6	98.1	98.1	98.6	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 7050

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		67.3	68.4	69.3	69.6	70.0	70.5	70.8	70.8	70.9	71.0	71.0	71.5	71.5	71.5	71.5
≥ 20000		71.7	72.7	73.8	74.2	74.6	75.1	75.4	75.4	75.5	75.6	75.6	76.2	76.2	76.2	76.2
IV 18000		72.1	73.1	74.2	74.7	75.1	75.6	75.9	75.9	76.0	76.2	76.2	76.7	76.7	76.7	76.7
IV 16000		72.2	73.3	74.3	74.8	75.2	75.8	76.0	76.0	76.2	76.3	76.3	76.8	76.8	76.8	76.8
IV 14000		72.3	73.4	74.4	75.0	75.4	75.9	76.2	76.2	76.3	76.4	76.4	76.9	76.9	76.9	76.9
IV 12000		74.4	75.6	76.7	77.2	77.6	78.1	78.4	78.4	78.5	78.7	78.7	79.2	79.2	79.2	79.2
IV 10000		78.0	79.2	80.2	80.8	81.2	81.7	81.9	81.9	82.1	82.2	82.2	82.7	82.7	82.7	82.7
IV 9000		78.1	79.3	80.4	80.9	81.3	81.8	82.1	82.1	82.2	82.3	82.3	82.9	82.9	82.9	82.9
IV 8000		79.1	80.2	81.4	81.9	82.3	82.9	83.1	83.1	83.3	83.4	83.4	83.9	83.9	83.9	83.9
IV 7000		80.1	81.3	82.5	83.1	83.5	84.1	84.3	84.3	84.5	84.6	84.6	85.1	85.1	85.1	85.1
IV 6000		81.3	82.2	83.4	84.1	84.5	85.0	85.2	85.2	85.4	85.5	85.5	86.0	86.0	86.0	86.0
IV 5000		82.2	83.4	84.6	85.2	85.6	86.2	86.4	86.4	86.6	86.7	86.7	87.2	87.2	87.2	87.2
IV 4500		82.3	83.5	84.7	85.4	85.8	86.3	86.6	86.6	86.7	86.8	86.8	87.4	87.4	87.4	87.4
IV 4000		83.9	85.1	86.3	87.0	87.4	87.9	88.1	88.1	88.3	88.4	88.4	88.9	88.9	88.9	88.9
IV 3500		84.5	85.6	86.8	87.6	88.0	88.5	88.8	88.8	88.9	89.1	89.1	89.6	89.6	89.6	89.6
IV 3000		85.2	86.4	87.6	88.4	88.8	89.3	89.6	89.6	89.7	89.9	89.9	90.4	90.4	90.4	90.4
IV 2500		85.9	87.1	88.4	89.2	89.6	90.1	90.4	90.4	90.5	90.6	90.6	91.2	91.2	91.2	91.2
IV 2000		87.7	88.9	90.3	91.2	91.6	92.2	92.5	92.5	92.6	92.8	92.8	93.3	93.3	93.3	93.3
IV 1800		87.7	88.9	90.3	91.2	91.6	92.2	92.5	92.5	92.6	92.8	92.8	93.3	93.3	93.3	93.3
IV 1500		88.5	89.9	91.2	92.1	92.5	93.1	93.4	93.4	93.5	93.7	93.7	94.2	94.2	94.2	94.2
IV 1200		90.1	91.7	93.0	93.9	94.3	95.0	95.3	95.3	95.4	95.5	95.5	96.0	96.0	96.0	96.0
IV 1000		90.4	92.0	93.4	94.3	94.7	95.5	95.8	95.8	95.9	96.0	96.0	96.6	96.6	96.6	96.6
IV 900		90.5	92.1	93.9	94.9	95.3	96.0	96.3	96.3	96.4	96.6	96.6	97.1	97.1	97.1	97.1
IV 800		90.6	92.4	94.3	95.3	95.7	96.4	96.7	96.7	96.8	97.0	97.0	97.5	97.5	97.5	97.5
IV 700		90.6	92.5	94.5	95.4	95.8	96.7	97.1	97.1	97.2	97.4	97.4	97.9	97.9	97.9	97.9
IV 600		90.8	92.8	94.7	95.8	96.2	97.1	97.5	97.5	97.6	97.8	97.8	98.3	98.3	98.3	98.3
IV 500		90.8	92.8	94.7	95.8	96.3	97.2	97.6	97.6	97.8	97.9	97.9	98.4	98.4	98.4	98.4
IV 400		90.8	92.8	94.7	95.8	96.3	97.2	97.6	97.6	97.8	97.9	97.9	98.4	98.4	98.4	98.4
IV 300		90.9	92.9	94.9	96.0	96.7	97.8	98.3	98.3	98.4	98.6	98.6	99.1	99.1	99.1	99.1
IV 200		90.9	92.9	94.9	96.2	96.8	97.9	98.7	98.7	98.8	98.9	98.9	99.5	99.5	99.5	99.5
IV 100		90.9	92.9	94.9	96.2	96.8	97.9	98.7	98.7	98.8	99.1	99.1	99.6	99.6	99.6	99.6
IV 0		90.9	92.9	94.9	96.2	96.8	97.9	98.7	98.7	98.8	99.1	99.1	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 759

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		63.0	66.0	67.3	67.7	68.1	68.6	68.9	68.9	69.0	69.1	69.1	69.4	69.4	69.5	69.9
≥ 20000		67.0	69.9	71.7	72.2	72.6	73.4	73.6	73.6	73.8	73.9	73.9	74.2	74.2	74.3	74.7
≥ 18000		67.3	70.2	71.9	72.5	72.8	73.6	73.9	73.9	74.2	74.3	74.3	74.6	74.6	74.7	75.1
≥ 16000		67.5	70.5	72.2	72.7	73.1	73.9	74.2	74.2	74.4	74.6	74.6	74.8	74.8	75.0	75.4
≥ 14000		67.9	70.9	72.6	73.1	73.5	74.3	74.6	74.6	74.8	75.0	75.0	75.2	75.2	75.4	75.8
≥ 12000		68.6	71.5	73.2	73.8	74.2	75.0	75.2	75.2	75.5	75.6	75.6	75.9	75.9	76.0	76.4
≥ 10000		70.1	73.0	74.7	75.2	75.6	76.4	76.7	76.7	77.0	77.1	77.1	77.4	77.4	77.5	77.9
≥ 9000		70.5	73.4	75.1	75.6	76.0	76.8	77.1	77.1	77.4	77.5	77.5	77.7	77.7	77.9	78.3
≥ 8000		71.4	74.4	76.2	76.7	77.1	77.9	78.1	78.1	78.4	78.5	78.5	78.8	78.8	78.9	79.3
≥ 7000		72.7	75.8	77.5	78.0	78.4	79.2	79.5	79.5	79.7	79.9	79.9	80.1	80.1	80.3	80.7
≥ 6000		74.7	77.7	79.5	80.0	80.4	81.2	81.5	81.5	81.7	81.9	81.9	82.1	82.1	82.3	82.6
≥ 5000		76.6	79.9	81.6	82.1	82.5	83.3	83.6	83.6	83.8	84.1	84.1	84.4	84.4	84.5	84.9
≥ 4500		76.8	80.1	81.9	82.4	82.8	83.6	83.8	83.8	84.1	84.4	84.4	84.6	84.6	84.8	85.2
≥ 4000		78.7	82.1	84.0	84.5	84.9	85.7	86.0	86.0	86.2	86.5	86.5	86.8	86.8	86.9	87.3
≥ 3500		79.3	82.8	84.6	85.2	85.6	86.4	86.6	86.6	86.9	87.2	87.2	87.4	87.4	87.5	87.9
≥ 3000		80.8	84.4	86.2	86.8	87.2	87.9	88.2	88.2	88.5	88.7	88.7	89.0	89.0	89.1	89.5
≥ 2500		81.3	85.0	86.9	87.4	87.8	88.6	88.9	88.9	89.1	89.4	89.4	89.7	89.7	89.8	90.2
≥ 2000		82.9	86.8	88.6	89.1	89.5	90.3	90.6	90.6	90.9	91.1	91.1	91.4	91.4	91.5	91.9
≥ 1800		83.0	86.9	88.7	89.3	89.7	90.5	90.7	90.7	91.0	91.3	91.3	91.5	91.5	91.7	92.1
≥ 1500		83.3	87.3	89.3	89.8	90.2	91.0	91.3	91.3	91.5	91.8	91.8	92.1	92.1	92.2	92.6
≥ 1200		85.3	89.4	91.4	91.9	92.3	93.1	93.4	93.4	93.6	93.9	93.9	94.2	94.2	94.3	94.7
≥ 1000		85.6	89.7	91.7	92.2	92.6	93.4	93.6	93.6	93.9	94.2	94.2	94.4	94.4	94.6	95.0
≥ 900		85.6	89.8	91.9	92.5	92.8	93.6	93.9	93.9	94.2	94.4	94.4	94.7	94.7	94.8	95.2
≥ 800		86.0	90.2	92.3	92.8	93.2	94.0	94.3	94.3	94.6	94.8	94.8	95.1	95.1	95.4	95.8
≥ 700		86.2	90.5	92.6	93.1	93.5	94.3	94.6	94.6	94.8	95.1	95.1	95.4	95.4	95.6	96.0
≥ 600		86.6	90.9	93.0	93.6	94.0	94.8	95.1	95.1	95.4	95.6	95.6	95.9	95.9	96.2	96.6
≥ 500		86.6	91.1	93.4	94.1	94.7	95.5	95.8	95.8	96.0	96.3	96.3	96.6	96.6	96.8	97.2
≥ 400		86.8	91.3	93.5	94.6	95.1	95.9	96.2	96.2	96.4	96.7	96.7	97.0	97.0	97.2	97.6
≥ 300		86.9	91.5	93.8	95.1	95.6	96.4	96.7	96.7	97.1	97.5	97.5	97.7	97.9	98.3	98.7
≥ 200		86.9	91.5	93.9	95.2	95.8	96.6	96.8	96.8	97.2	97.7	97.7	98.0	98.1	98.5	99.1
≥ 100		86.9	91.5	93.9	95.2	95.8	96.6	96.8	96.8	97.2	98.1	98.1	98.4	98.5	98.9	99.7
≥ 0		86.9	91.5	93.9	95.2	95.8	96.6	96.8	96.8	97.2	98.1	98.1	98.4	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		53.1	57.3	58.8	60.1	60.3	60.9	61.0	61.0	61.3	61.6	61.6	62.3	62.3	62.3	62.3
≥ 18000 IV 18000		60.9	65.7	68.1	69.8	70.1	70.7	70.8	70.8	71.0	71.4	71.5	72.2	72.3	72.3	72.3
IV 16000		61.1	66.0	68.5	70.2	70.6	71.1	71.3	71.3	71.5	71.8	71.9	72.6	72.7	72.7	73.0
IV 14000		61.5	66.4	68.9	70.6	70.9	71.5	71.6	71.6	71.8	72.2	72.3	73.0	73.1	73.1	73.1
IV 12000		62.3	67.4	69.9	71.6	71.9	72.6	72.7	72.7	73.0	73.3	73.4	74.1	74.2	74.2	74.4
IV 10000		63.2	68.4	70.9	72.6	73.0	73.6	73.8	73.8	74.0	74.3	74.4	75.1	75.2	75.2	75.5
IV 9000		65.5	70.8	73.4	75.1	75.5	76.3	76.4	76.4	76.6	76.9	77.0	77.7	77.8	77.8	78.0
IV 8000		66.0	71.4	74.0	75.7	76.0	76.8	76.9	76.9	77.2	77.5	77.6	78.3	78.4	78.4	78.8
IV 7000		68.1	73.6	76.3	78.0	78.3	79.1	79.2	79.2	79.4	79.9	80.0	80.7	80.8	80.8	81.0
IV 6000		69.3	75.1	77.7	79.4	79.8	80.6	80.7	80.7	80.9	81.4	81.5	82.2	82.3	82.3	82.3
IV 5000		70.8	76.7	79.4	81.1	81.5	82.3	82.4	82.4	82.6	83.1	83.2	83.9	84.0	84.0	84.0
IV 4500		72.2	78.3	81.3	83.1	83.4	84.2	84.3	84.4	84.7	85.1	85.2	85.9	86.0	86.0	86.0
IV 4000		72.4	78.6	81.6	83.4	83.8	84.5	84.7	84.8	85.0	85.5	85.6	86.3	86.4	86.4	86.4
IV 3500		73.2	80.1	83.4	85.3	85.7	86.5	86.6	86.7	86.9	87.6	87.7	88.4	88.5	88.5	88.8
IV 3000		73.9	80.8	84.1	86.0	86.4	87.2	87.3	87.4	87.6	88.3	88.4	89.1	89.2	89.2	89.2
IV 2500		74.7	81.7	85.0	87.0	87.4	88.2	88.3	88.4	88.6	89.3	89.4	90.1	90.2	90.2	90.2
IV 2000		75.5	82.5	85.9	88.1	88.4	89.2	89.4	89.5	89.8	90.5	90.6	91.3	91.4	91.4	91.4
IV 1800		77.0	84.1	87.5	89.9	90.2	91.0	91.3	91.4	91.6	92.3	92.4	93.1	93.2	93.2	93.3
IV 1500		77.5	84.7	88.1	90.5	90.8	91.6	91.8	91.9	92.2	92.8	93.0	93.6	93.8	93.8	94.0
IV 1200		77.7	85.0	88.4	90.8	91.1	91.9	92.2	92.3	92.5	93.2	93.3	94.0	94.1	94.1	94.1
IV 1000		78.5	85.8	89.4	91.9	92.3	93.1	93.3	93.4	93.6	94.3	94.4	95.1	95.2	95.2	95.5
IV 900		78.9	86.1	89.8	92.3	92.6	93.4	93.6	93.8	94.1	94.8	94.9	95.6	95.7	95.7	96.0
IV 800		78.9	86.1	89.8	92.3	92.6	93.4	93.6	93.8	94.1	94.8	94.9	95.6	95.7	95.7	96.0
IV 700		79.1	86.5	90.2	92.7	93.1	93.9	94.1	94.2	94.5	95.2	95.3	96.0	96.1	96.1	96.1
IV 600		79.3	86.9	90.7	93.2	93.5	94.3	94.5	94.7	95.0	95.7	95.8	96.5	96.6	96.6	96.6
IV 500		79.3	86.9	90.9	93.5	94.0	94.8	95.0	95.1	95.6	96.3	96.4	97.0	97.2	97.3	97.3
IV 400		79.4	87.0	91.0	93.8	94.2	95.0	95.3	95.5	95.9	96.6	96.7	97.4	97.5	97.6	98.0
IV 300		79.4	87.0	91.5	94.2	94.7	95.5	95.8	95.9	96.4	97.0	97.2	97.8	98.0	98.1	98.1
IV 200		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	96.8	97.5	97.6	98.4	98.5	98.6	99.0
IV 100		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	97.0	97.7	97.8	98.6	98.8	98.9	99.0
IV 0		79.4	87.0	91.5	94.3	94.9	95.8	96.3	96.4	97.0	97.7	97.8	98.9	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 88

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBIL

17717 MYRTLE BEACH AFB SC

69-70, 73-80

APF

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1
 HOURS (L)

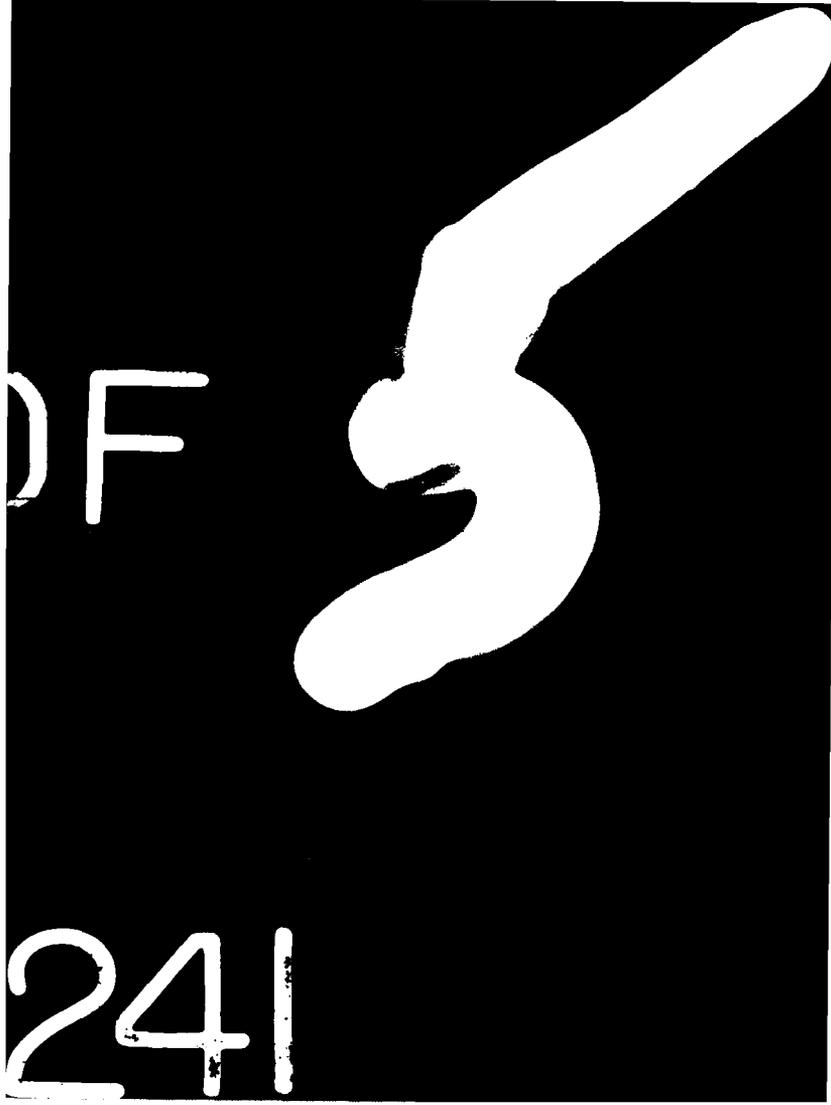
CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	
NO CEILING		63.9	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	6
≥ 20000		74.7	75.3	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	7
≥ 18000		75.1	75.7	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	7
≥ 16000		75.4	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	7
≥ 14000		76.0	76.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	7
≥ 12000		77.4	78.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	7
≥ 10000		80.6	81.6	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	8
≥ 9500		81.9	82.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	8
≥ 8000		83.6	84.7	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	6
≥ 7000		84.4	85.6	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	8
≥ 6000		85.3	86.6	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	8
≥ 5000		85.8	87.4	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	8
≥ 4500		86.3	87.8	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	8
≥ 4000		87.1	88.6	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	8
≥ 3500		87.8	89.4	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	9
≥ 3000		89.0	90.6	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	9
≥ 2500		89.3	91.0	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	9
≥ 2000		90.5	92.1	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	9
≥ 1800		91.5	93.3	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	9
≥ 1500		92.5	94.3	95.3	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	9
≥ 1200		93.3	95.2	96.2	97.1	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	9
≥ 1000		93.8	95.7	96.7	97.5	97.5	97.5	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	9
≥ 900		93.8	95.7	96.7	97.5	97.5	97.5	97.7	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	9
≥ 800		93.8	95.8	96.9	97.8	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	9
≥ 700		93.9	95.9	97.0	97.9	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	9
≥ 600		93.9	96.0	97.2	98.2	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	9
≥ 500		94.0	96.1	97.5	98.8	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	9
≥ 400		94.0	96.1	97.5	98.8	98.9	99.0	99.1	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	9
≥ 300		94.0	96.1	97.5	98.8	98.9	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	9
≥ 200		94.0	96.1	97.5	98.8	98.9	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	9
≥ 100		94.0	96.1	97.5	98.8	98.9	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	9
≥ 0		94.0	96.1	97.5	98.8	98.9	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	9

TOTAL NUMBER OF OBSERVATIONS

AD-A110 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81
UNCLASSIFIED USAFETAC/DS/81/080 SBI-AD-E850 124 NL

3 - 5
8/80
[Redacted]

The table area is almost entirely redacted with a solid black fill. Only a few small, illegible characters are visible in the top-left corner of the grid area.



GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING ≥ 20000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 18000 IV 16000	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 14000 IV 12000	79.8	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 10000 IV 9000	81.2	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 8000 IV 7000	83.6	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 6000 IV 5000	86.0	86.3	86.4	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 4500 IV 4000	87.4	87.8	88.0	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 3500 IV 3000	88.7	89.3	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500 IV 2000	88.9	89.4	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1800 IV 1500	90.2	90.7	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200 IV 1000	91.3	92.1	92.3	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 900 IV 800	92.8	93.5	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 700 IV 600	93.8	94.5	94.9	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 500 IV 400	95.3	96.2	96.5	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 300 IV 200	95.5	96.4	96.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 100 0	96.1	97.0	97.3	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	96.4	97.3	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	96.8	97.7	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	96.8	97.8	98.2	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	96.9	97.9	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	97.0	98.0	98.4	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	97.1	98.1	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000		64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 18000		77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 16000		78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 14000		79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 12000		81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 10000		83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 9000		84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 8000		86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 7000		88.1	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 6000		89.0	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 5000		90.0	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4500		90.9	91.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000		92.0	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 3500		93.1	94.1	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 3000		94.1	95.2	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500		94.3	95.1	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000		95.0	96.3	96.6	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800		95.4	96.8	97.0	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500		95.6	96.9	97.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200		96.2	97.7	97.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000		96.4	97.9	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900		96.4	97.9	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800		96.6	98.0	98.2	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700		96.6	98.2	98.6	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 600		96.6	98.2	98.7	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500		96.6	98.3	98.8	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400		96.6	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		96.6	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		96.6	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		96.6	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		96.6	98.3	98.8	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		65.8	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		74.7	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 18000		76.2	77.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 16000		76.9	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000		78.2	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000		80.3	81.1	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 10000		83.0	83.9	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000		84.4	85.3	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 8000		85.9	86.8	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000		86.4	87.3	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 6000		87.2	88.1	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000		88.8	89.7	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4500		89.3	90.2	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000		90.4	91.4	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500		91.0	92.1	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000		92.2	93.3	94.1	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		93.2	94.3	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000		93.7	94.8	95.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800		93.9	95.0	96.2	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500		94.6	95.7	96.9	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		95.1	96.3	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		95.2	96.4	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 900		95.2	96.4	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 800		95.2	96.6	97.9	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 700		95.4	96.8	98.1	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
≥ 600		95.4	96.9	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500		95.4	97.0	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400		95.4	97.0	98.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		95.4	97.0	98.4	99.2	99.2	99.7	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		70.3	71.0	71.1	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	72.1
≥20000		75.9	76.6	77.0	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.9
IV 18000		76.4	77.2	77.7	78.0	78.0	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6
IV 16000		76.9	77.8	78.3	78.6	78.6	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2
IV 14000		77.6	78.5	79.0	79.3	79.3	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.9
IV 12000		79.3	80.2	80.7	81.0	81.0	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
IV 10000		82.1	83.4	83.9	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8
IV 9000		82.5	83.9	84.4	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.3
IV 8000		83.6	84.9	85.4	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.3
IV 7000		84.1	85.7	86.2	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.1
IV 6000		85.1	86.8	87.2	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.2
IV 5000		86.3	88.0	88.5	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4
IV 4500		86.7	88.4	88.9	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.8
IV 4000		88.6	90.3	90.8	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.7
IV 3500		89.8	91.5	92.0	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.9
IV 3000		90.2	92.1	92.5	92.9	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.4
IV 2500		90.7	92.5	93.0	93.3	93.3	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.9
IV 2000		92.2	94.0	94.5	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.4
IV 1800		93.1	94.9	95.4	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3
IV 1500		93.3	95.2	95.6	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.6
IV 1200		94.3	96.2	96.7	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7
IV 1000		94.3	96.2	96.7	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7
IV 900		94.5	96.4	96.9	97.4	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.9
IV 800		94.8	96.8	97.2	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.3
IV 700		95.1	97.1	97.6	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7
IV 600		95.1	97.1	97.7	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.0
IV 500		95.1	97.1	97.7	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	99.0
IV 400		95.1	97.1	97.7	98.2	98.2	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.1
IV 300		95.3	97.4	97.9	98.4	98.4	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4
IV 200		95.3	97.4	97.9	98.4	98.4	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.9
IV 100		95.3	97.4	97.9	98.4	98.4	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0
IV 0		95.3	97.4	97.9	98.4	98.4	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		64.1	65.3	65.9	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.9	66.9	66.9	67.1
IV 20000		72.5	73.9	74.7	75.1	75.3	75.5	75.6	75.6	75.6	75.7	75.7	75.9	75.9	75.9	76.1
IV 18000		73.2	74.6	75.4	75.9	76.0	76.3	76.3	76.3	76.4	76.5	76.5	76.7	76.7	76.7	76.8
IV 16000		73.6	75.0	75.8	76.3	76.4	76.7	76.8	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.3
IV 14000		74.3	75.8	76.7	77.1	77.3	77.5	77.6	77.6	77.7	77.8	77.8	77.9	78.0	78.0	78.1
IV 12000		75.9	77.4	78.3	78.8	78.9	79.1	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.7
IV 10000		78.5	80.2	81.1	81.6	81.7	82.0	82.0	82.0	82.1	82.2	82.2	82.4	82.4	82.4	82.5
IV 9000		79.3	81.0	81.9	82.4	82.5	82.8	82.9	82.9	83.0	83.1	83.1	83.2	83.3	83.3	83.4
IV 8000		80.7	82.5	83.4	84.0	84.1	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.8	84.8	85.0
IV 7000		81.7	83.6	84.5	85.1	85.2	85.5	85.5	85.5	85.5	85.6	85.7	85.7	85.9	85.9	86.1
IV 6000		82.8	84.7	85.6	86.2	86.3	86.6	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.1	87.2
IV 5000		84.0	86.0	87.0	87.6	87.8	88.0	88.1	88.1	88.2	88.3	88.3	88.5	88.5	88.6	88.7
IV 4500		84.4	86.4	87.4	88.0	88.2	88.4	88.5	88.5	88.6	88.7	88.7	88.9	88.9	88.9	89.0
IV 4000		85.7	87.9	88.9	89.6	89.7	90.0	90.1	90.1	90.2	90.3	90.4	90.5	90.5	90.6	90.7
IV 3500		86.5	88.7	89.8	90.5	90.7	91.0	91.0	91.1	91.1	91.3	91.3	91.5	91.5	91.5	91.6
IV 3000		87.6	89.8	90.9	91.6	91.8	92.1	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.8
IV 2500		88.2	90.5	91.6	92.4	92.6	92.9	93.0	93.0	93.1	93.2	93.2	93.4	93.4	93.4	93.5
IV 2000		89.5	91.8	93.0	93.8	94.1	94.4	94.5	94.5	94.6	94.7	94.7	94.9	94.9	94.9	95.0
IV 1800		89.9	92.3	93.5	94.3	94.5	94.8	94.9	94.9	95.0	95.2	95.2	95.3	95.4	95.4	95.5
IV 1500		90.4	92.8	94.0	94.9	95.1	95.4	95.5	95.5	95.6	95.8	95.8	95.9	96.0	96.0	96.1
IV 1200		91.3	93.8	95.1	96.0	96.3	96.6	96.7	96.7	96.8	96.9	97.0	97.1	97.2	97.2	97.3
IV 1000		91.6	94.1	95.4	96.3	96.6	96.9	97.0	97.0	97.1	97.3	97.3	97.5	97.5	97.5	97.6
IV 900		91.8	94.2	95.5	96.5	96.7	97.0	97.1	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.8
IV 800		91.8	94.4	95.8	96.7	97.0	97.3	97.4	97.4	97.5	97.7	97.7	97.9	97.9	97.9	98.0
IV 700		91.9	94.6	96.0	97.0	97.2	97.5	97.7	97.7	97.8	98.0	98.0	98.2	98.2	98.2	98.3
IV 600		92.0	94.7	96.2	97.2	97.5	97.8	98.0	98.0	98.1	98.3	98.3	98.5	98.5	98.5	98.6
IV 500		92.1	94.8	96.4	97.4	97.7	98.1	98.2	98.3	98.4	98.6	98.6	98.8	98.8	98.8	98.9
IV 400		92.1	94.8	96.4	97.6	97.9	98.3	98.5	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.2
IV 300		92.1	94.9	96.5	97.7	98.0	98.5	98.7	98.8	98.9	99.1	99.1	99.3	99.3	99.4	99.5
IV 200		92.1	94.9	96.5	97.7	98.0	98.5	98.8	98.9	99.1	99.3	99.3	99.5	99.5	99.6	99.8
IV 100		92.1	94.9	96.5	97.7	98.0	98.5	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	99.9
IV 0		92.1	94.9	96.5	97.7	98.0	98.5	98.8	98.9	99.1	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

6857

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,75-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING																	
≥ 20000	61.3	64.5	65.6	66.9	67.1	68.1	68.1	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	
≥ 18000	66.4	70.0	71.2	72.6	72.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	
≥ 16000	66.4	70.0	71.2	72.6	72.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	
≥ 14000	67.3	71.0	72.2	73.9	73.7	74.7	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	
≥ 12000	68.8	72.4	73.7	75.0	75.1	76.2	76.2	76.2	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	
≥ 10000	70.8	74.5	75.7	77.0	77.2	78.2	78.2	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	
≥ 9000	70.8	74.5	75.7	77.0	77.2	78.2	78.2	78.2	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	
≥ 8000	73.3	77.0	78.2	79.6	79.7	80.8	80.8	80.8	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	
≥ 7000	73.9	77.7	78.9	80.2	80.4	81.5	81.5	81.5	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	
≥ 6000	75.0	78.8	80.0	81.3	81.5	82.5	82.5	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	
≥ 5000	75.8	79.8	81.2	82.7	82.8	83.9	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	
≥ 4500	75.9	80.0	81.3	82.8	82.9	84.0	84.0	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.4	
≥ 4000	77.4	81.6	82.9	84.4	84.5	85.6	85.6	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	
≥ 3500	78.2	82.7	84.1	85.6	85.8	86.8	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	
≥ 3000	79.3	83.7	85.3	86.8	87.0	88.0	88.2	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	
≥ 2500	79.6	84.1	85.8	87.2	87.4	88.4	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	
≥ 2000	80.9	86.4	88.3	89.8	89.9	91.1	91.3	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	
≥ 1800	80.9	86.7	88.7	90.2	90.3	91.5	91.7	91.7	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	
≥ 1500	81.0	86.8	88.8	90.6	90.7	91.9	92.2	92.2	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	
≥ 1200	82.1	88.2	90.2	92.1	92.2	93.4	93.7	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	
≥ 1000	82.8	89.2	91.4	93.4	93.5	94.8	95.0	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	
≥ 900	83.3	89.8	91.9	94.0	94.1	95.3	95.6	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	
≥ 800	83.9	90.3	92.7	94.9	95.0	96.2	96.5	96.5	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	
≥ 700	84.8	91.7	94.2	96.4	96.5	97.7	98.0	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	
≥ 600	85.2	92.1	94.9	97.2	97.3	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	
≥ 500	85.2	92.1	94.9	97.2	97.3	98.7	98.9	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5	
≥ 400	85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 300	85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 200	85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 100	85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 0	85.5	92.5	95.3	97.7	97.8	99.2	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,74-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	50.7	54.7	56.8	59.8	60.2	61.3	62.2	62.2	62.5	62.6	62.6	62.9	63.1	63.3	63.8	
≥ 20000	55.5	59.9	62.5	65.5	66.0	67.0	68.0	68.0	68.2	68.4	68.4	68.6	68.9	69.2	69.7	
≥ 18000	55.6	60.1	62.6	65.7	66.1	67.2	68.1	68.1	68.4	68.5	68.5	68.8	69.0	69.3	69.8	
≥ 16000	55.6	60.1	62.6	65.7	66.1	67.2	68.1	68.1	68.4	68.5	68.5	68.8	69.0	69.3	69.8	
≥ 14000	56.3	60.7	63.3	66.4	66.8	67.8	68.8	68.8	69.0	69.2	69.2	69.4	69.7	70.0	70.5	
≥ 12000	57.2	61.7	64.2	67.3	67.7	68.8	69.7	69.7	70.0	70.1	70.1	70.4	70.6	70.9	71.4	
≥ 10000	58.7	63.3	65.8	69.0	69.4	70.5	71.4	71.4	71.7	72.0	72.0	72.3	72.5	72.9	73.5	
≥ 9000	59.2	63.8	66.4	69.6	70.0	71.0	72.0	72.0	72.3	72.5	72.5	72.8	73.1	73.5	74.0	
≥ 8000	62.2	66.9	69.6	72.9	73.3	74.4	75.3	75.3	75.6	75.9	75.9	76.1	76.4	76.8	77.3	
≥ 7000	62.6	67.7	70.4	73.7	74.1	75.2	76.1	76.1	76.4	76.7	76.7	76.9	77.2	77.6	78.2	
≥ 6000	64.9	70.0	72.7	76.0	76.4	77.5	78.4	78.4	78.7	79.0	79.0	79.2	79.5	79.9	80.4	
≥ 5000	66.5	71.8	74.5	77.9	78.3	79.4	80.3	80.3	80.6	80.8	80.8	81.1	81.4	81.8	82.3	
≥ 4500	67.2	72.5	75.2	78.6	79.0	80.0	81.0	81.0	81.2	81.5	81.5	81.8	82.0	82.4	83.0	
≥ 4000	68.5	73.9	76.9	80.6	81.0	82.0	83.0	83.0	83.2	83.5	83.5	83.8	84.0	84.5	85.0	
≥ 3500	68.8	74.1	77.2	80.8	81.2	82.3	83.2	83.2	83.5	83.8	83.8	84.0	84.3	84.7	85.3	
≥ 3000	70.1	75.6	79.0	82.7	83.1	84.2	85.1	85.1	85.4	85.7	85.7	85.9	86.2	86.6	87.1	
≥ 2500	70.8	76.4	79.8	83.5	83.9	85.0	85.9	85.9	86.2	86.5	86.5	86.7	87.0	87.4	87.9	
≥ 2000	72.5	78.2	81.9	85.7	86.1	87.1	88.1	88.1	88.3	88.6	88.6	88.9	89.1	89.5	90.1	
≥ 1800	72.9	78.6	82.4	86.3	86.7	87.8	88.7	88.7	89.0	89.3	89.3	89.5	89.8	90.2	90.8	
≥ 1500	73.5	79.2	83.2	87.1	87.7	88.9	89.8	89.8	90.2	90.5	90.5	90.8	91.0	91.4	92.0	
≥ 1200	74.5	80.8	85.1	89.3	89.8	91.0	92.0	92.0	92.4	92.6	92.6	92.9	93.2	93.6	94.1	
≥ 1000	74.7	81.1	85.5	90.1	90.8	92.2	93.2	93.2	93.6	93.8	93.8	94.1	94.4	94.8	95.3	
≥ 900	74.9	81.4	86.2	90.8	91.4	92.9	93.8	93.8	94.2	94.5	94.5	94.8	95.0	95.4	96.0	
≥ 800	75.6	82.2	87.0	91.7	92.4	93.8	94.8	94.8	95.2	95.4	95.4	95.7	96.0	96.4	96.9	
≥ 700	75.9	82.4	87.3	92.0	92.6	94.1	95.0	95.0	95.4	95.7	95.7	96.0	96.2	96.6	97.2	
≥ 600	76.1	83.0	87.6	92.5	93.2	94.6	95.6	95.6	96.0	96.2	96.2	96.5	96.8	97.2	97.7	
≥ 500	76.3	83.3	87.9	92.6	93.3	94.8	95.7	95.7	96.1	96.4	96.4	96.6	96.9	97.3	97.9	
≥ 400	76.5	83.5	88.6	93.3	94.0	95.6	96.5	96.5	96.9	97.2	97.2	97.5	97.7	98.1	98.7	
≥ 300	76.5	83.5	88.6	93.3	94.0	95.6	96.5	96.5	96.9	97.2	97.2	97.5	97.7	98.1	98.7	
≥ 200	76.5	83.6	88.7	93.4	94.1	96.1	97.2	97.2	97.6	98.1	98.1	98.4	98.7	99.1	99.7	
≥ 100	76.5	83.6	88.7	93.4	94.2	96.2	97.3	97.3	97.7	98.4	98.4	98.7	98.9	99.3	100.0	
≥ 0	76.5	83.6	88.7	93.4	94.2	96.2	97.3	97.3	97.7	98.4	98.4	98.7	98.9	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		45.1	51.0	55.2	57.6	57.7	58.8	59.1	59.2	59.3	59.8	59.8	60.0	60.0	60.1	60.6
≥ 20000		51.9	57.7	62.0	64.4	64.6	65.7	66.0	66.1	66.3	66.8	66.8	67.0	67.0	67.1	67.6
IN 18000		51.6	57.8	62.1	64.5	64.7	65.8	66.1	66.2	66.5	66.9	66.9	67.1	67.1	67.2	67.7
IN 16000		51.7	57.9	62.2	64.6	64.8	65.9	66.2	66.3	66.6	67.0	67.0	67.2	67.2	67.3	67.9
IN 14000		53.3	59.5	63.9	66.2	66.5	67.5	67.9	68.0	68.2	68.6	68.6	68.8	68.8	68.9	69.5
IN 12000		54.7	61.2	65.6	68.0	68.2	69.4	69.7	69.8	70.0	70.4	70.4	70.7	70.7	70.8	71.3
IN 10000		58.3	65.2	69.9	72.4	72.6	73.9	74.2	74.3	74.5	75.0	75.0	75.2	75.2	75.3	75.8
IN 9000		59.0	65.9	70.7	73.1	73.4	74.6	75.0	75.1	75.3	75.7	75.7	75.9	75.9	76.1	76.6
IN 8000		61.2	68.1	72.8	75.3	75.5	76.9	77.2	77.3	77.6	78.0	78.0	78.2	78.2	78.3	78.9
IN 7000		62.5	69.5	74.2	76.7	76.9	78.3	78.6	78.7	79.0	79.4	79.4	79.6	79.6	79.7	80.3
IN 6000		64.1	71.4	76.2	78.6	78.9	80.3	80.6	80.7	80.9	81.3	81.3	81.6	81.6	81.7	82.2
IN 5000		64.5	72.3	77.0	79.6	79.8	81.3	81.7	81.8	82.0	82.4	82.4	82.6	82.6	82.7	83.3
IN 4500		65.8	73.4	78.1	80.7	80.9	82.4	82.7	82.8	83.1	83.5	83.5	83.7	83.7	83.8	84.4
IN 4000		66.6	74.2	79.0	81.6	81.8	83.3	83.6	83.7	83.9	84.4	84.4	84.6	84.6	84.7	85.2
IN 3500		67.3	75.0	79.7	82.4	82.6	84.1	84.5	84.6	84.8	85.2	85.2	85.4	85.4	85.5	86.1
IN 3000		68.0	75.6	80.5	83.4	83.6	85.2	85.5	85.7	85.9	86.3	86.3	86.5	86.5	86.6	87.2
IN 2500		68.7	76.4	81.3	84.4	84.6	86.2	86.5	86.6	86.8	87.3	87.3	87.5	87.5	87.6	88.1
IN 2000		70.1	78.1	83.1	86.2	86.4	88.0	88.3	88.5	88.7	89.2	89.2	89.4	89.4	89.5	90.1
IN 1800		70.2	78.2	83.2	86.3	86.5	88.2	88.6	88.7	88.9	89.4	89.4	89.6	89.6	89.8	90.3
IN 1500		70.7	78.9	83.8	86.9	87.2	88.9	89.2	89.3	89.5	90.1	90.1	90.3	90.3	90.4	90.9
IN 1200		71.4	79.7	85.0	88.5	88.7	90.5	90.8	90.9	91.2	91.7	91.7	91.9	91.9	92.0	92.6
IN 1000		71.7	80.2	85.4	88.9	89.1	91.0	91.4	91.5	91.7	92.2	92.2	92.4	92.4	92.6	93.1
IN 900		72.1	80.5	85.9	89.3	89.5	91.6	91.9	92.0	92.2	92.8	92.8	93.0	93.0	93.1	93.6
IN 800		72.9	81.4	86.9	90.6	90.9	93.1	93.4	93.5	93.7	94.3	94.3	94.5	94.5	94.6	95.1
IN 700		73.0	81.7	87.2	91.2	91.6	94.0	94.3	94.5	94.7	95.3	95.3	95.5	95.5	95.6	96.1
IN 600		73.1	82.0	87.6	91.7	92.3	94.7	95.1	95.4	95.6	96.1	96.1	96.3	96.3	96.5	97.1
IN 500		73.2	82.4	88.0	92.3	93.2	95.6	96.1	96.3	96.5	97.1	97.1	97.3	97.3	97.5	98.1
IN 400		73.2	82.4	88.0	92.7	93.5	96.0	96.7	96.9	97.1	97.6	97.6	97.8	97.8	98.2	98.7
IN 300		73.2	82.5	88.2	92.9	93.9	96.4	97.1	97.3	97.5	98.1	98.1	98.3	98.3	98.6	99.1
IN 200		73.2	82.5	88.2	92.9	93.9	96.4	97.2	97.4	97.8	98.5	98.5	98.7	98.8	99.1	99.9
IN 100		73.2	82.5	88.2	92.9	93.9	96.4	97.3	97.5	98.0	98.6	98.6	98.8	98.9	99.2	100.0
IN 0		73.2	82.5	88.2	92.9	93.9	96.4	97.3	97.5	98.0	98.6	98.6	98.8	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	59.8 67.1	61.2 69.6	61.6 70.1	62.1 70.6	62.1 70.6	62.1 70.6	62.1 70.6									
≥ 18000 IV 16000	67.4 67.9	70.0 70.9	70.4 70.9	70.9 71.5	70.9 71.5	70.9 71.5	70.9 71.5									
IV 14000 IV 12000	69.0 70.4	71.6 73.0	72.0 73.4	72.6 74.0	72.6 74.0	72.6 74.0	72.6 74.0									
IV 10000 IV 9000	73.8 74.6	76.5 77.3	77.1 77.8	77.9 78.7	77.9 78.7	77.9 78.7	77.9 78.7									
IV 8000 IV 7000	76.6 78.0	79.4 80.9	80.2 81.7	81.1 82.6	81.1 82.6	81.1 82.6	81.1 82.6									
IV 6000 IV 5000	79.2 80.6	82.2 84.0	83.1 84.8	84.0 85.7	84.0 85.7	84.0 85.7	84.0 85.7									
IV 4500 IV 4000	81.1 82.2	84.4 85.6	85.3 86.4	86.1 87.4	86.1 87.5	86.1 87.6	86.1 87.6	86.1 87.6	86.1 87.6							
IV 3500 IV 3000	83.5 84.2	87.0 87.6	87.8 88.6	88.8 89.6	88.9 89.7	89.0 89.8	89.0 89.8	89.0 89.8	89.0 89.8							
IV 2500 IV 2000	84.5 85.7	87.9 89.6	89.0 90.7	90.0 91.7	90.1 91.9	90.2 92.1	90.2 92.2	90.2 92.2	90.2 92.2	90.2 92.4	90.2 92.4	90.2 92.4	90.2 92.5	90.3 92.5	90.3 92.5	90.3 92.5
IV 1800 IV 1500	86.1 87.0	90.1 91.1	91.3 92.5	92.2 93.5	92.5 93.8	92.7 94.0	92.8 94.1	92.8 94.1	92.8 94.2	92.9 94.2	92.9 94.2	92.9 94.3	93.0 94.3	93.0 94.3	93.0 94.3	93.0 94.3
IV 1200 IV 1000	88.6 89.6	92.8 93.9	94.4 95.8	95.6 97.1	95.8 97.3	96.3 97.8	96.4 98.0	96.4 98.0	96.4 98.1	96.6 98.1	96.6 98.1	96.6 98.2	96.6 98.2	96.7 98.2	96.7 98.2	96.7 98.2
IV 900 IV 800	89.9 90.0	94.2 94.3	96.1 96.2	97.5 97.6	97.7 98.0	98.3 98.5	98.4 98.6	98.4 98.6	98.4 98.7	98.5 98.7	98.5 98.7	98.5 98.8	98.6 98.8	98.6 98.8	98.6 98.8	98.6 98.8
IV 700 IV 600	90.0 90.0	94.3 94.4	96.4 96.6	98.0 98.1	98.4 98.5	98.9 99.0	99.0 99.1	99.0 99.1	99.0 99.2	99.1 99.2	99.1 99.2	99.1 99.2	99.2 99.4	99.2 99.4	99.2 99.4	99.2 99.4
IV 500 IV 400	90.1 90.1	94.6 94.6	96.9 96.9	98.5 98.5	98.9 98.9	99.5 99.5	99.6 99.6	99.6 99.6	99.6 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.8 100.0	99.8 100.0	99.8 100.0	99.8 100.0
IV 300 IV 200	90.1 90.1	94.6 94.6	96.9 96.9	98.5 98.5	98.9 98.9	99.5 99.5	99.6 99.6	99.6 99.6	99.6 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0
IV 100 IV 0	90.1 90.1	94.6 94.6	96.9 96.9	98.5 98.5	98.9 98.9	99.5 99.5	99.6 99.6	99.6 99.6	99.6 99.8	99.8 99.8	99.8 99.8	99.8 99.8	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES-															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		60.3	62.4	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000		70.8	73.1	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 18000		71.2	73.5	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000		71.7	74.1	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 14000		72.9	75.3	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 12000		74.1	76.5	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 10000		77.1	79.5	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 9000		77.4	79.8	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 8000		80.6	83.1	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 7000		82.2	84.6	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 6000		82.4	84.8	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 5000		82.9	85.4	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4500		83.4	85.9	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4000		85.1	87.8	88.9	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3500		86.2	89.0	90.1	90.6	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000		88.0	90.9	92.2	92.8	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500		88.6	91.6	92.9	93.5	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2000		90.2	93.4	94.7	95.6	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800		90.3	93.5	94.8	95.7	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500		90.6	93.9	95.2	96.0	96.1	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1200		91.2	94.4	95.8	96.8	96.9	97.1	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000		91.8	95.1	96.9	97.8	98.0	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900		91.8	95.1	97.1	98.1	98.2	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800		92.2	95.5	97.5	98.6	98.7	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700		92.3	95.6	97.6	98.7	98.8	99.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0		92.4	95.7	97.7	98.8	98.9	99.2	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		58.1	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000		71.1	72.9	73.2	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000		71.3	73.1	73.4	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000		71.3	73.1	73.4	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000		72.8	74.6	74.9	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000		75.4	77.2	77.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000		77.8	79.7	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000		78.5	80.3	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 8000		81.6	83.8	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000		82.8	85.2	85.8	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000		83.4	85.9	86.7	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000		84.4	87.0	87.7	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500		84.7	87.3	88.1	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		85.7	88.4	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500		87.1	89.8	90.9	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000		89.0	91.7	92.9	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500		89.6	92.3	93.4	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000		90.0	92.7	93.9	94.6	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800		90.0	92.7	93.9	94.7	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		90.1	93.0	94.2	95.1	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		91.7	95.1	96.2	97.2	97.3	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		92.3	95.6	96.8	97.8	98.1	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900		92.5	95.8	97.0	98.1	98.3	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		92.8	96.1	97.3	98.4	98.6	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		92.8	96.1	97.4	98.5	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600		92.8	96.1	97.4	98.5	98.7	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.9	96.2	97.5	98.6	98.8	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		57.4	59.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000 IN 6000		69.0	72.6	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000 IN 2000		69.1	72.7	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000 IN 9000		69.8	73.4	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 8000 IN 7000		73.1	76.8	78.0	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 6000 IN 5000		76.3	80.2	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500 IN 4000		76.5	80.3	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500 IN 3000		78.2	82.2	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500 IN 2000		80.1	84.2	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800 IN 1500		80.9	85.1	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200 IN 1000		81.4	85.6	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900 IN 800		81.9	86.2	88.1	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 700 IN 600		83.3	87.7	89.7	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 500 IN 400		83.9	88.3	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 300 IN 200		85.3	90.3	92.6	93.1	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 100 IN 0		85.7	90.9	93.1	93.8	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
		86.3	91.7	94.2	95.1	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
		86.3	91.7	94.3	95.2	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
		86.8	92.2	94.7	95.6	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
		87.2	92.7	95.3	96.3	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		88.0	93.5	96.1	97.2	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
		88.0	93.7	96.2	97.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
		88.4	94.2	96.9	98.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
		88.7	94.5	97.2	98.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0	
NO CEILING																	
≥ 20000		64.9	66.6	67.9	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8
IV 18000		71.3	73.3	74.7	74.9	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
IV 16000		71.6	73.5	74.9	75.1	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
IV 14000		71.8	73.8	75.1	75.4	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1
IV 12000		72.5	74.6	76.1	76.3	76.5	76.5	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
IV 10000		74.5	76.6	78.1	78.4	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1
IV 9000		76.4	78.6	80.1	80.3	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
IV 8000		76.5	78.7	80.2	80.4	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
IV 7000		78.8	81.0	82.5	82.7	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
IV 6000		80.7	82.9	84.6	84.8	85.0	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
IV 5000		81.6	83.8	85.5	85.7	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4
IV 4500		82.7	84.9	86.7	86.9	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
IV 4000		82.9	85.1	86.8	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
IV 3500		84.6	86.9	88.7	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8
IV 3000		85.0	87.5	89.3	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
IV 2500		86.3	88.7	90.8	91.1	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
IV 2000		86.9	89.4	91.8	92.2	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
IV 1800		88.1	91.5	94.1	94.6	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 1500		88.5	91.8	94.5	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 1200		89.0	92.3	94.9	95.5	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
IV 1000		89.5	93.2	96.2	96.8	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
IV 900		90.1	94.0	97.1	97.7	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IV 800		90.2	94.1	97.4	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
IV 700		90.4	94.5	97.7	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
IV 600		90.7	94.8	98.0	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
IV 500		90.8	94.9	98.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
IV 400		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 300		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 200		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 100		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
IV 0		90.9	95.1	98.3	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 669

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		57.1	59.9	61.1	62.1	62.2	62.6	62.8	62.8	62.9	62.9	62.9	63.0	63.1	63.1	63.2
≥ 20000		65.5	68.6	70.2	71.2	71.3	71.7	71.9	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.4
≥ 18000		65.7	69.0	70.4	71.4	71.6	72.0	72.2	72.2	72.2	72.3	72.3	72.4	72.4	72.5	72.6
≥ 16000		65.9	69.2	70.6	71.6	71.8	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.7	72.8
≥ 14000		67.0	70.3	71.7	72.8	72.9	73.3	73.5	73.5	73.6	73.6	73.6	73.7	73.8	73.8	73.9
≥ 12000		68.8	72.1	73.6	74.7	74.8	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.8
≥ 10000		71.5	74.9	76.6	77.7	77.8	78.2	78.4	78.4	78.5	78.6	78.6	78.7	78.7	78.8	78.9
≥ 9000		71.9	75.4	77.0	78.1	78.2	78.6	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.2	79.3
≥ 8000		74.4	78.0	79.7	80.8	81.0	81.4	81.6	81.6	81.7	81.8	81.8	81.9	81.9	81.9	82.1
≥ 7000		75.7	79.4	81.2	82.3	82.5	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.6
≥ 6000		76.7	80.5	82.4	83.5	83.6	84.1	84.3	84.3	84.3	84.4	84.4	84.5	84.6	84.6	84.7
≥ 5000		77.7	81.6	83.5	84.6	84.8	85.2	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.9
≥ 4500		78.2	82.1	84.0	85.2	85.3	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.4
≥ 4000		79.5	83.5	85.5	86.8	86.9	87.4	87.6	87.6	87.7	87.8	87.8	87.8	87.9	87.9	88.1
≥ 3500		80.3	84.4	86.5	87.7	87.9	88.4	88.6	88.6	88.7	88.8	88.8	88.9	88.9	89.0	89.1
≥ 3000		81.6	85.8	88.0	89.4	89.6	90.0	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.8
≥ 2500		82.1	86.4	88.7	90.0	90.2	90.7	91.0	91.0	91.1	91.2	91.2	91.3	91.3	91.4	91.5
≥ 2000		83.3	88.0	90.3	91.8	92.1	92.6	92.9	92.9	93.0	93.2	93.2	93.3	93.3	93.3	93.5
≥ 1800		83.5	88.2	90.6	92.1	92.4	93.0	93.2	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.8
≥ 1500		83.9	88.7	91.1	92.7	93.0	93.6	93.9	93.9	94.1	94.2	94.2	94.3	94.3	94.4	94.5
≥ 1200		84.8	89.9	92.5	94.2	94.5	95.2	95.5	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.1
≥ 1000		85.4	90.6	93.3	95.2	95.5	96.2	96.5	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.2
≥ 900		85.6	90.8	93.7	95.5	95.9	96.6	96.9	97.0	97.1	97.2	97.2	97.4	97.4	97.4	97.6
≥ 800		86.1	91.3	94.2	96.1	96.5	97.3	97.6	97.7	97.8	97.9	97.9	98.0	98.1	98.1	98.2
≥ 700		86.3	91.6	94.6	96.6	97.1	97.8	98.2	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8
≥ 600		86.4	91.8	94.8	96.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.1	99.2
≥ 500		86.5	91.9	95.0	97.0	97.5	98.4	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.3	99.4
≥ 400		86.5	92.0	95.1	97.2	97.7	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.6	99.7
≥ 300		86.5	92.0	95.1	97.2	97.7	98.7	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.7	99.8
≥ 200		86.5	92.0	95.1	97.3	97.8	98.7	99.1	99.1	99.3	99.5	99.5	99.7	99.7	99.8	100.0
≥ 100		86.5	92.0	95.1	97.3	97.8	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	100.0
≥ 0		86.5	92.0	95.1	97.3	97.8	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7305

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,74-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0	
NO CEILING		65.0	68.8	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7
≥ 20000		73.0	76.8	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.5
IV 18000		73.0	77.0	78.6	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.6
IV 16000		73.1	77.1	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.8
IV 14000		73.5	77.5	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	80.2
IV 12000		74.6	78.6	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.4
IV 10000		77.0	81.3	83.2	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	84.2
IV 9000		77.3	81.6	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.5
IV 8000		78.5	83.1	85.0	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	86.0
IV 7000		78.5	83.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	86.1
IV 6000		78.6	83.5	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.4
IV 5000		80.4	85.4	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.3
IV 4500		80.9	85.9	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.8
IV 4000		82.5	87.7	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.7
IV 3500		83.2	88.3	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.4
IV 3000		84.3	89.9	92.1	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	93.1
IV 2500		84.3	89.9	92.2	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.2
IV 2000		85.6	91.4	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.7
IV 1800		85.7	91.5	93.9	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.9
IV 1500		86.0	92.1	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.3	95.3	95.3	95.6
IV 1200		87.1	93.3	95.8	96.3	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8	96.8	97.1
IV 1000		87.5	93.9	96.5	96.9	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.8
IV 900		87.8	94.3	96.9	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.2
IV 800		87.9	94.6	97.4	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.6
IV 700		88.2	94.9	97.6	98.1	98.3	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.8	98.8	99.0
IV 600		88.3	95.0	97.8	98.2	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.3
IV 500		88.3	95.0	97.8	98.2	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.3
IV 400		88.3	95.0	97.8	98.2	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.3
IV 300		88.3	95.1	97.9	98.3	98.6	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.6
IV 200		88.5	95.3	98.1	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.6	99.6	99.6	100.0
IV 100		88.5	95.3	98.1	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.6	99.6	99.6	100.0
IV 0		88.5	95.3	98.1	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																													
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0														
NO CEILING ≥ 20000	55.3	67.7	64.1	65.9	66.3	66.7	67.1	67.3	67.8	68.1	68.1	68.1	68.2	68.5	68.6	61.3	66.7	70.5	72.4	72.9	73.3	73.8	73.9	74.6	75.0	75.0	75.0	75.4	75.7	75.9
≥ 18000 ≥ 16000	61.7	67.1	70.9	72.9	73.3	73.7	74.2	74.4	75.0	75.4	75.4	75.4	75.9	76.1	76.3	61.7	67.1	70.9	72.9	73.3	73.7	74.2	74.4	75.0	75.4	75.4	75.4	75.9	76.1	76.3
≥ 14000 ≥ 12000	62.1	67.5	71.4	73.3	73.7	74.1	74.6	74.8	75.4	75.9	75.9	75.9	76.3	76.5	76.7	63.4	69.0	72.9	74.8	75.2	75.6	76.1	76.3	76.9	77.4	77.4	77.4	77.8	78.0	78.2
≥ 10000 ≥ 9000	66.3	72.2	76.0	78.0	78.4	78.9	79.4	79.5	80.2	80.6	80.6	80.8	81.2	81.4	81.6	66.8	72.7	76.5	78.6	79.0	79.4	79.9	80.1	80.8	81.2	81.2	81.3	81.7	82.0	82.1
≥ 8000 ≥ 7000	69.2	75.0	78.9	80.9	81.3	81.7	82.3	82.4	83.1	83.5	83.5	83.6	84.0	84.3	84.4	69.6	75.4	79.3	81.3	81.7	82.1	82.7	82.8	83.5	83.9	83.9	84.0	84.4	84.7	84.9
≥ 6000 ≥ 5000	69.8	75.7	79.5	81.6	82.0	82.4	82.9	83.1	83.8	84.2	84.2	84.3	84.7	85.0	85.1	70.5	76.4	80.2	82.3	82.7	83.1	83.6	83.8	84.4	84.9	84.9	85.0	85.4	85.7	85.8
≥ 4500 ≥ 4000	70.8	76.7	80.5	82.7	83.1	83.5	84.0	84.2	84.9	85.3	85.3	85.4	85.8	86.1	86.2	71.9	78.0	81.9	84.0	84.4	84.9	85.4	85.5	86.2	86.6	86.6	86.8	87.2	87.4	87.6
≥ 3500 ≥ 3000	72.3	78.4	82.5	84.7	85.1	85.5	86.1	86.2	86.9	87.3	87.3	87.4	87.9	88.1	88.3	73.0	79.4	83.8	86.2	86.6	87.3	87.9	88.0	88.7	89.1	89.1	89.2	89.6	89.9	90.0
≥ 2500 ≥ 2000	73.0	79.4	83.8	86.2	86.6	87.3	87.9	88.0	88.7	89.1	89.1	89.2	89.6	89.9	90.0	75.2	82.1	86.5	89.4	89.8	90.5	91.0	91.1	91.8	92.2	92.2	92.4	92.8	93.0	93.2
≥ 1800 ≥ 1500	75.3	82.3	86.6	89.5	89.9	90.6	91.1	91.3	92.0	92.4	92.4	92.5	92.9	93.2	93.3	76.3	83.4	87.7	90.6	91.0	91.7	92.2	92.4	93.0	93.5	93.5	93.6	94.0	94.3	94.4
≥ 1200 ≥ 1000	77.4	84.4	88.8	91.8	92.2	93.0	93.6	93.7	94.4	94.8	94.8	95.0	95.4	95.6	95.8	77.4	84.4	88.8	91.8	92.2	93.0	93.6	93.7	94.4	94.8	94.8	95.0	95.4	95.6	95.8
≥ 900 ≥ 800	77.9	85.0	89.4	92.4	92.8	93.6	94.1	94.3	95.1	95.5	95.5	95.6	96.0	96.3	96.5	78.0	85.3	89.6	92.8	93.2	94.0	94.5	94.7	95.3	95.9	95.9	96.0	96.5	96.7	96.9
≥ 700 ≥ 600	78.3	85.8	90.2	93.3	93.7	94.5	95.1	95.2	96.0	96.5	96.5	96.6	97.0	97.3	97.4	78.4	85.9	90.5	93.6	94.0	94.8	95.4	95.5	96.3	96.7	96.7	96.9	97.3	97.5	97.7
≥ 500 ≥ 400	78.6	86.2	90.7	93.9	94.3	95.1	95.8	95.9	96.7	97.3	97.3	97.4	97.8	98.1	98.2	78.7	86.4	90.9	94.0	94.4	95.2	95.9	96.2	97.0	97.5	97.5	97.7	98.1	98.4	98.5
≥ 300 ≥ 200	79.0	86.9	91.4	94.5	95.0	95.8	96.7	97.0	97.8	98.4	98.4	98.5	98.9	99.2	99.3	79.0	86.9	91.5	94.7	95.1	96.2	97.1	97.5	98.4	98.9	98.9	99.0	99.5	99.7	99.9
≥ 100 0	79.0	86.9	91.5	94.7	95.1	96.2	97.3	97.7	98.5	99.0	99.0	99.2	99.6	99.9	100.0	79.0	86.9	91.5	94.7	95.1	96.2	97.3	97.7	98.5	99.0	99.0	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

733

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		47.7	56.5	58.9	61.2	61.3	61.9	62.1	62.1	62.3	62.8	62.8	63.2	63.2	63.3	63.3
≥ 18000 IV 18000		53.5	63.2	66.1	68.6	68.8	69.5	69.9	70.0	70.2	70.6	70.6	71.1	71.1	71.3	71.3
IV 14000 IV 12000		54.4	64.1	67.0	69.5	69.7	70.4	70.8	70.9	71.1	71.5	71.5	72.0	72.0	72.2	72.2
IV 10000 IV 9000		54.8	64.5	67.4	69.9	70.1	70.8	71.1	71.2	71.4	71.9	71.9	72.3	72.3	72.6	72.6
IV 8000 IV 7000		56.0	65.7	68.7	71.2	71.4	72.1	72.4	72.6	72.8	73.2	73.2	73.7	73.7	73.9	73.9
IV 6000 IV 5000		58.0	67.7	70.9	73.5	73.7	74.4	74.7	74.8	75.0	75.5	75.5	75.9	75.9	76.2	76.2
IV 4500 IV 4000		61.5	71.4	75.0	77.6	77.8	78.5	78.9	79.0	79.3	79.8	79.8	80.2	80.2	80.4	80.4
IV 3500 IV 3000		61.5	71.5	75.1	77.7	78.0	78.6	79.0	79.1	79.4	79.9	79.9	80.3	80.3	80.5	80.5
IV 2500 IV 2000		64.0	74.1	78.1	80.8	81.0	81.7	82.1	82.2	82.6	83.0	83.0	83.5	83.5	83.7	83.8
IV 1800 IV 1500		64.5	74.7	78.6	81.3	81.6	82.2	82.7	82.8	83.1	83.6	83.6	84.0	84.0	84.3	84.4
IV 1200 IV 1000		64.7	74.9	78.9	81.6	81.8	82.5	82.9	83.0	83.4	83.8	83.8	84.3	84.3	84.5	84.6
IV 900 IV 800		66.4	76.6	80.7	83.4	83.6	84.3	84.7	84.8	85.2	85.6	85.6	86.1	86.1	86.3	86.4
IV 700 IV 600		66.4	76.7	80.9	83.6	83.9	84.6	85.0	85.2	85.5	85.9	85.9	86.4	86.4	86.6	86.7
IV 500 IV 400		67.2	77.7	81.9	84.6	84.9	85.6	86.1	86.2	86.5	87.0	87.0	87.4	87.4	87.6	87.7
IV 300 IV 200		67.6	78.4	82.7	85.4	85.7	86.4	86.8	87.0	87.3	87.7	87.7	88.2	88.2	88.4	88.5
IV 100 0		68.7	80.0	84.5	87.3	87.9	88.5	89.0	89.1	89.4	89.9	89.9	90.3	90.3	90.6	90.7
		68.8	80.1	84.7	87.5	88.2	88.9	89.3	89.4	89.8	90.2	90.2	90.7	90.7	90.9	91.0
		69.6	80.9	85.7	88.6	89.3	90.0	90.4	90.6	90.9	91.3	91.3	91.8	91.8	92.0	92.1
		70.3	81.6	86.4	89.3	90.0	90.7	91.2	91.3	91.7	92.1	92.1	92.6	92.6	92.8	92.9
		70.5	81.8	86.7	89.7	90.3	91.0	91.6	91.7	92.0	92.5	92.5	92.9	92.9	93.1	93.3
		70.6	82.1	87.2	90.3	91.0	91.9	92.5	92.6	92.9	93.4	93.4	93.8	93.8	94.0	94.2
		71.1	82.6	87.6	90.9	91.7	92.6	93.1	93.4	93.7	94.2	94.2	94.6	94.6	94.8	94.9
		71.4	82.9	88.0	91.2	92.0	93.0	93.6	93.8	94.2	94.6	94.6	95.1	95.1	95.3	95.4
		71.8	83.4	88.4	91.8	92.6	93.8	94.4	94.9	95.3	95.7	95.7	96.2	96.2	96.4	96.5
		71.8	83.6	88.6	92.2	93.0	94.3	94.8	95.4	95.7	96.2	96.2	96.6	96.6	96.9	97.0
		72.1	83.9	89.0	92.8	93.6	95.2	95.8	96.5	96.9	97.3	97.3	97.8	97.8	98.0	98.1
		72.2	84.4	89.4	93.3	94.2	95.7	96.4	97.1	97.4	98.0	98.0	98.4	98.4	98.7	98.8
		72.2	84.4	89.5	93.5	94.5	96.1	96.9	97.5	98.1	98.7	98.7	99.2	99.2	99.4	99.6
		72.2	84.4	89.5	93.5	94.5	96.1	97.0	97.8	98.4	99.0	99.1	99.7	99.7	99.9	100.0
		72.2	84.4	89.5	93.5	94.5	96.1	97.0	97.8	98.4	99.0	99.1	99.7	99.7	99.9	100.0
		72.2	84.4	89.5	93.5	94.5	96.1	97.0	97.8	98.4	99.0	99.1	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		58.4	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 20000		68.2	71.2	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 18000		68.7	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 16000		68.8	71.8	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 14000		71.0	74.0	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 12000		73.3	76.3	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 10000		78.6	81.6	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000		78.6	81.6	82.1	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 8000		80.6	83.7	84.2	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 7000		81.2	84.4	85.0	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 6000		81.7	84.9	85.4	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 5000		82.6	85.9	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4500		82.6	85.9	86.4	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000		83.8	87.1	87.7	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500		84.0	87.3	87.9	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000		85.8	89.1	89.9	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2500		86.3	89.7	90.4	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2000		88.6	92.0	92.6	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1800		88.6	92.1	92.9	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1500		89.4	93.1	93.9	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200		90.3	94.0	95.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000		90.9	94.7	95.7	96.9	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 900		91.1	94.9	95.9	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 800		91.6	95.3	96.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700		91.9	95.7	97.0	98.3	98.6	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600		92.1	95.9	97.2	98.9	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		92.2	96.0	97.3	99.1	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.1	57.6	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	.1	71.9	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	.1	72.6	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 16000	.1	73.2	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 14000	.1	74.8	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	.1	76.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	.1	81.3	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	.1	81.3	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	.1	83.3	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 7000	.1	83.8	87.9	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	.1	84.2	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	.1	84.6	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500	.1	84.8	89.1	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	.1	86.2	90.6	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	.1	86.4	90.8	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.1	87.8	92.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	.1	88.4	92.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	.1	89.2	93.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	.1	89.3	94.0	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	.1	89.8	95.1	96.3	96.4	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	.1	91.0	96.3	97.6	97.7	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	.1	91.3	96.8	98.1	98.3	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	.1	91.7	97.2	98.6	98.8	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	.1	91.8	97.3	98.7	98.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	92.0	97.6	99.0	99.2	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		58.1	59.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000		71.1	73.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 18000		72.2	74.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000		72.8	75.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000		74.2	76.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 12000		76.2	78.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000		81.0	83.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000		81.1	83.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000		82.6	85.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000		83.2	85.9	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000		83.3	86.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 5000		84.1	87.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500		84.3	87.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		85.0	88.1	89.5	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500		86.1	89.1	90.6	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000		87.2	90.5	92.1	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		88.1	91.4	93.1	93.7	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000		89.6	93.1	94.9	95.4	95.7	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800		89.8	93.5	95.2	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500		91.2	95.0	96.7	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		92.2	96.0	97.8	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		92.5	96.2	98.1	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900		92.5	96.2	98.1	98.7	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		92.5	96.2	98.1	98.7	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700		92.5	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		92.5	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		92.5	96.2	98.2	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		92.5	96.2	98.3	99.1	99.3	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

875

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13/17

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 20000	57.7	59.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 18000	70.8	73.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	71.7	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 14000	73.2	76.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 12000	74.9	78.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 10000	76.4	81.5	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 9000	76.4	81.5	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 8000	81.0	84.5	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 7000	81.7	85.5	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 6000	81.9	85.7	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 5000	83.7	87.5	89.5	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4500	83.7	87.7	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	85.2	89.2	91.1	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 3500	85.6	89.6	91.6	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3000	86.7	90.9	93.0	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2500	87.3	91.8	93.9	94.7	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 2000	89.3	93.8	96.1	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	89.3	93.8	96.2	97.1	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1500	89.5	94.3	96.7	97.6	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1200	90.0	94.9	97.2	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1000	90.2	95.3	97.6	98.5	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
IV 900	90.3	95.4	97.8	98.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 800	90.4	95.5	97.9	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5
IV 700	90.5	95.6	98.0	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7
IV 600	90.5	95.7	98.2	99.1	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9
IV 500	90.5	95.7	98.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 400	90.5	95.7	98.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 300	90.5	95.7	98.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 200	90.5	95.7	98.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 100	90.5	95.7	98.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
IV 0	90.5	95.7	98.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 867

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000		65.9	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 18000		73.7	78.4	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 16000		73.7	78.4	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 14000		74.1	78.7	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 12000		75.4	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 10000		79.3	84.1	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 9000		79.5	84.2	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 8000		81.3	86.1	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 7000		82.0	86.8	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 6000		82.4	87.2	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 5000		83.9	88.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 4500		84.0	88.8	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 4000		86.2	91.2	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3500		86.9	91.9	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000		88.6	93.8	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500		89.4	94.5	95.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 2000		90.6	96.0	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1800		90.7	96.1	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1500		90.8	96.2	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200		91.6	97.1	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1000		91.8	97.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 900		91.8	97.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 800		91.8	97.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 700		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		91.9	97.6	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	.0	58.0	61.9	63.2	63.8	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
IV 18000	.0	67.9	72.4	73.8	74.5	74.6	74.8	74.9	74.9	75.0	75.1	75.1	75.2	75.2	75.3	75.3
IV 16000	.0	68.4	72.9	74.4	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.9
IV 14000	.0	68.7	73.2	74.7	75.4	75.5	75.6	75.7	75.7	75.8	76.0	76.0	76.0	76.1	76.1	76.2
IV 12000	.0	69.9	74.4	75.9	76.7	76.7	76.9	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.4	77.4
IV 10000	.0	71.6	76.2	77.8	78.5	78.6	78.8	78.9	78.9	79.0	79.1	79.1	79.2	79.2	79.3	79.3
IV 9000	.0	75.5	80.2	81.9	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.6	83.6
IV 8000	.0	75.7	80.4	82.1	82.9	83.0	83.2	83.3	83.3	83.4	83.5	83.5	83.6	83.6	83.7	83.8
IV 7000	.0	77.7	82.5	84.3	85.1	85.2	85.4	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.9	86.0
IV 6000	.0	78.2	83.1	84.9	85.7	85.8	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6
IV 5000	.0	78.5	83.4	85.2	86.1	86.1	86.3	86.4	86.5	86.6	86.7	86.7	86.8	86.8	86.9	86.9
IV 4500	.0	79.7	84.7	86.6	87.4	87.5	87.6	87.8	87.8	87.9	88.0	88.0	88.1	88.2	88.3	88.3
IV 4000	.0	79.8	84.8	86.8	87.6	87.7	87.9	88.0	88.0	88.1	88.2	88.2	88.3	88.3	88.4	88.5
IV 3500	.0	81.1	86.3	88.2	89.2	89.3	89.5	89.6	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.1
IV 3000	.0	81.6	86.8	88.9	89.8	89.9	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.7	90.7	90.8
IV 2500	.0	82.9	88.3	90.5	91.6	91.7	92.0	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6
IV 2000	.0	83.4	88.8	91.1	92.2	92.4	92.6	92.8	92.8	92.9	93.0	93.0	93.1	93.2	93.2	93.3
IV 1800	.0	84.8	90.5	92.8	94.0	94.2	94.5	94.6	94.6	94.8	94.9	94.9	95.0	95.0	95.1	95.1
IV 1500	.0	84.9	90.6	92.9	94.1	94.3	94.6	94.7	94.8	94.9	95.0	95.0	95.1	95.2	95.2	95.3
IV 1200	.0	85.5	91.5	93.8	95.0	95.2	95.5	95.6	95.7	95.8	95.9	95.9	96.0	96.1	96.1	96.2
IV 1000	.0	86.4	92.3	94.8	96.0	96.2	96.5	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
IV 900	.0	86.6	92.7	95.2	96.5	96.7	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.7	97.7	97.8
IV 800	.0	86.9	93.0	95.5	96.8	97.0	97.4	97.6	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.2
IV 700	.0	87.1	93.2	95.7	97.0	97.3	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.4	98.5
IV 600	.0	87.3	93.4	96.0	97.4	97.6	98.1	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.9	99.0
IV 500	.0	87.3	93.5	96.1	97.6	97.8	98.3	98.5	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.2
IV 400	.0	87.4	93.6	96.2	97.7	98.0	98.5	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.4	99.5
IV 300	.0	87.4	93.7	96.3	97.8	98.1	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.6
IV 200	.0	87.5	93.8	96.4	97.9	98.2	98.7	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.8
IV 100	.0	87.5	93.8	96.4	98.0	98.2	98.8	99.1	99.3	99.5	99.7	99.7	99.8	99.9	99.9	100.0
IV 0	.0	87.5	93.8	96.4	98.0	98.2	98.8	99.1	99.3	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

6703

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717

MYRTLE BEACH AFB SC

69-70,74-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-3200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000		60.3	65.5	66.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IN 18000		69.4	76.3	77.6	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IN 16000		69.8	76.8	78.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IN 14000		69.8	76.8	78.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IN 12000		71.2	78.2	79.7	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IN 10000		72.9	79.9	81.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IN 9000		77.7	84.7	86.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IN 8000		77.7	84.8	86.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IN 7000		80.6	87.8	89.6	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IN 6000		81.7	89.0	90.7	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IN 5000		81.8	89.1	90.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IN 4500		82.5	89.8	91.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IN 4000		84.2	91.6	93.5	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IN 3500		85.3	92.9	94.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IN 3000		86.2	93.7	95.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IN 2500		86.7	94.2	96.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 2000		87.2	94.7	96.7	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 1800		87.3	94.9	96.9	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IN 1500		87.6	95.1	97.2	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1200		87.6	95.1	97.2	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 1000		87.7	95.2	97.4	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 900		87.7	95.2	97.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 800		87.7	95.2	97.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 700		87.7	95.2	97.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 600		87.7	95.2	97.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 500		87.7	95.2	97.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 400		87.8	95.4	97.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 300		87.8	95.4	97.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 200		87.8	95.4	97.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 100		87.8	95.4	97.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IN 0		87.8	95.4	97.6	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,74-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING		55.9	62.8	65.9	67.9	68.8	69.2	69.4	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000		62.7	71.8	75.3	77.6	78.4	78.8	79.1	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6
IV 18000		62.9	72.3	75.8	78.1	78.9	79.3	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1
IV 16000		62.9	72.3	75.8	78.1	78.9	79.3	79.6	79.7	79.8	79.9	79.9	80.1	80.1	80.1	80.1
IV 14000		64.0	73.4	76.9	79.2	80.1	80.5	80.7	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2
IV 12000		65.2	74.7	78.3	80.6	81.5	81.8	82.1	82.2	82.3	82.5	82.5	82.6	82.6	82.6	82.6
IV 10000		68.9	78.6	82.6	84.8	85.7	86.1	86.3	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IV 9000		69.0	78.7	82.7	85.0	85.8	86.2	86.5	86.6	86.7	86.8	86.8	87.0	87.0	87.0	87.0
IV 8000		71.9	81.7	85.8	88.2	89.1	89.5	89.7	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
IV 7000		72.6	82.3	86.5	88.8	89.7	90.1	90.4	90.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9
IV 6000		72.9	82.8	87.0	89.3	90.2	90.6	90.9	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4
IV 5000		73.9	84.0	88.1	90.5	91.4	91.7	92.0	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.5
IV 4500		73.9	84.0	88.1	90.5	91.4	91.7	92.0	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.5
IV 4000		74.7	85.0	89.2	91.6	92.5	92.9	93.1	93.2	93.4	93.5	93.5	93.6	93.6	93.6	93.6
IV 3500		75.2	85.5	89.7	92.1	93.0	93.5	93.7	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2
IV 3000		75.9	86.2	90.5	92.9	93.7	94.2	94.5	94.6	94.7	94.9	94.9	95.0	95.0	95.0	95.0
IV 2500		76.2	86.6	90.9	93.5	94.4	94.9	95.1	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6
IV 2000		77.4	88.2	93.0	95.6	96.5	97.1	97.4	97.5	97.6	97.7	97.7	97.9	97.9	97.9	97.9
IV 1800		77.4	88.2	93.1	95.7	96.6	97.2	97.5	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0
IV 1500		77.8	88.6	93.6	96.2	97.1	97.7	98.0	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5
IV 1200		78.2	89.0	94.0	96.6	97.5	98.1	98.4	98.5	98.6	98.7	98.7	98.9	98.9	98.9	98.9
IV 1000		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 900		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 800		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 700		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 600		78.3	89.1	94.1	96.7	97.6	98.2	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0
IV 500		78.4	89.2	94.2	96.9	97.7	98.5	98.7	98.9	99.1	99.2	99.2	99.4	99.4	99.4	99.4
IV 400		78.4	89.6	94.6	97.2	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
IV 300		78.4	89.6	94.6	97.2	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
IV 200		78.4	89.6	94.6	97.2	98.1	98.9	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
IV 100		78.4	89.6	94.6	97.2	98.1	99.0	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
IV 0		78.4	89.6	94.6	97.2	98.1	99.0	99.2	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		3.6	58.2	62.3	64.8	65.2	66.5	67.1	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7
≥ 20000		6.8	67.7	73.0	76.7	76.7	78.0	78.5	78.7	79.2	79.5	79.5	79.6	79.6	79.7	79.7
IV 18000		57.1	68.3	73.5	76.7	77.2	78.5	79.0	79.3	79.7	80.0	80.0	80.1	80.1	80.2	80.2
IV 16000		57.1	68.4	73.7	76.8	77.3	78.6	79.2	79.4	79.8	80.1	80.1	80.2	80.2	80.3	80.3
IV 14000		58.6	70.0	75.3	78.4	78.9	80.2	80.8	81.0	81.4	81.7	81.7	81.9	81.9	82.0	82.0
IV 12000		60.5	72.1	77.6	80.9	81.4	82.7	83.3	83.5	83.9	84.3	84.3	84.4	84.4	84.6	84.6
IV 10000		64.7	76.5	82.2	85.4	86.0	87.4	87.9	88.1	88.6	89.1	89.1	89.1	89.1	89.2	89.2
IV 9000		65.1	76.9	82.7	86.0	86.5	87.9	88.4	88.7	89.1	89.5	89.5	89.6	89.6	89.7	89.7
IV 8000		67.6	79.4	85.2	88.4	89.0	90.4	90.9	91.1	91.6	92.0	92.0	92.0	92.1	92.2	92.2
IV 7000		68.5	80.2	86.1	89.3	89.8	91.3	91.8	92.0	92.4	92.9	92.9	93.0	93.0	93.1	93.1
IV 6000		68.5	80.2	86.1	89.4	90.0	91.4	91.9	92.1	92.5	93.0	93.0	93.1	93.1	93.2	93.2
IV 5000		68.8	80.7	86.5	89.8	90.5	91.9	92.4	92.7	93.1	93.5	93.5	93.6	93.6	93.7	93.7
IV 4500		68.8	80.7	86.5	89.8	90.5	91.9	92.4	92.7	93.1	93.5	93.5	93.6	93.6	93.7	93.7
IV 4000		69.1	81.0	86.9	90.3	90.9	92.3	92.9	93.1	93.5	94.0	94.0	94.1	94.1	94.2	94.2
IV 3500		69.4	81.3	87.3	90.6	91.3	92.8	93.3	93.5	94.0	94.4	94.4	94.5	94.5	94.6	94.6
IV 3000		69.9	81.7	87.7	91.0	91.7	93.2	93.7	94.0	94.4	94.8	94.8	94.9	94.9	95.0	95.0
IV 2500		70.0	81.9	87.9	91.4	92.0	93.5	94.1	94.3	94.7	95.1	95.1	95.2	95.2	95.4	95.4
IV 2000		70.4	82.4	88.4	91.9	92.5	94.1	94.6	94.8	95.2	95.7	95.7	95.8	95.8	95.9	95.9
IV 1800		70.4	82.5	88.6	92.0	92.7	94.2	94.7	94.9	95.4	95.8	95.8	95.9	95.9	96.0	96.0
IV 1500		71.0	83.0	89.1	92.5	93.2	94.7	95.2	95.5	95.9	96.3	96.3	96.4	96.4	96.5	96.5
IV 1200		71.4	83.5	89.5	93.0	93.6	95.2	95.8	96.0	96.4	96.9	96.9	97.0	97.0	97.1	97.1
IV 1000		71.6	83.7	89.8	93.4	94.1	95.7	96.2	96.4	96.9	97.3	97.3	97.4	97.4	97.5	97.5
IV 900		71.6	83.9	90.2	93.7	94.4	96.0	96.5	96.8	97.2	97.6	97.6	97.7	97.7	97.8	97.8
IV 800		72.0	84.3	90.6	94.3	94.9	96.5	97.1	97.3	97.7	98.2	98.2	98.3	98.3	98.4	98.4
IV 700		72.1	84.4	90.7	94.4	95.0	96.9	97.4	97.6	98.1	98.5	98.5	98.6	98.6	98.7	98.7
IV 600		72.2	84.6	90.8	94.5	95.1	97.0	97.5	97.7	98.2	98.6	98.6	98.7	98.7	98.8	98.8
IV 500		72.2	84.7	91.0	94.8	95.5	97.4	97.9	98.2	98.6	99.0	99.0	99.1	99.1	99.2	99.2
IV 400		72.2	84.7	91.0	94.8	95.5	97.4	97.9	98.2	98.7	99.1	99.1	99.2	99.2	99.4	99.4
IV 300		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.3	98.8	99.4	99.4	99.5	99.5	99.6	99.6
IV 200		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.4	98.9	99.7	99.7	99.8	99.8	99.9	100.0
IV 100		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.4	98.9	99.7	99.7	99.8	99.8	99.9	100.0
IV 0		72.2	84.7	91.0	94.8	95.5	97.5	98.1	98.4	98.9	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING																
≥ 20000		63.5	64.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000		72.2	76.9	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000		72.4	77.1	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000		72.6	77.4	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000		73.8	78.7	81.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000		75.6	80.8	83.8	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000		80.0	85.2	88.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000		80.3	85.5	88.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000		81.2	86.3	89.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 6000		82.6	87.7	90.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000		82.7	88.0	91.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500		83.1	88.4	91.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000		83.5	88.8	91.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500		84.1	89.4	92.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000		85.3	90.5	93.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		85.6	90.9	94.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000		86.5	91.7	95.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		86.7	91.9	95.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		87.0	92.3	95.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200		88.3	93.8	97.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		88.8	94.3	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		88.8	94.3	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		88.8	94.3	97.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		88.9	94.4	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		88.9	94.4	98.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		89.1	94.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		89.2	94.7	98.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		58.6	62.6	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 20000		70.3	76.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 18000		70.3	76.1	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 16000		71.2	77.0	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 14000		73.2	79.0	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 12000		75.7	81.6	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 10000		79.2	85.3	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 9000		79.9	85.9	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 8000		81.7	88.0	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 7000		83.1	89.4	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 6000		83.9	90.1	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 5000		83.9	90.1	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 4500		84.1	90.3	93.1	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 4000		84.8	91.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 3500		85.2	91.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 3000		86.8	93.2	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2500		87.1	93.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 2000		88.4	95.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800		88.4	95.3	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1500		88.7	95.6	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500		88.8	95.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400		88.9	95.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		88.9	95.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200		88.9	95.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100		88.9	95.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0		88.9	95.8	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																
≥ 20000		56.3	59.8	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000		69.7	74.7	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000		70.2	75.3	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000		70.4	75.5	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000		72.3	77.5	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000		75.0	80.2	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000		79.2	84.8	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 8000		79.9	85.4	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 7000		82.4	88.5	90.3	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000		83.2	89.6	91.5	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000		83.4	90.0	92.1	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500		83.9	90.5	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000		83.9	90.5	92.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500		84.3	91.4	93.6	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000		85.5	92.7	95.0	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500		85.9	93.2	95.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000		86.3	93.7	96.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800		86.4	93.8	96.2	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500		86.8	94.2	96.7	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 1200		87.1	94.7	97.2	98.7	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000		87.2	94.8	97.3	98.8	99.0	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		87.2	94.9	97.4	98.9	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.4	95.1	97.6	99.1	99.5	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		52.3	55.4	56.8	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000 W 16000		67.2	72.5	74.4	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
W 14000 W 12000		67.9	73.4	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
W 10000 W 9000		69.7	75.6	77.5	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
W 8000 W 7000		71.9	77.8	79.7	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
W 6000 W 5000		77.1	83.2	85.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
W 4500 W 4000		77.6	83.7	85.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
W 3500 W 3000		79.7	86.2	88.5	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
W 2500 W 2000		80.9	87.8	90.2	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
W 1800 W 1500		81.9	89.1	91.5	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
W 1200 W 1000		82.5	89.8	92.3	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
W 900 W 800		82.9	90.2	92.8	94.3	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
W 700 W 600		84.1	91.5	94.2	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
W 500 W 400		84.5	91.9	94.7	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
W 300 W 200		85.3	92.9	95.8	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
W 100 W 0		85.4	93.0	95.9	97.8	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
		86.1	93.7	96.6	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		86.1	93.7	96.6	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
		86.5	94.1	97.1	99.1	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
		86.6	94.3	97.3	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		86.6	94.3	97.3	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		86.6	94.3	97.3	99.3	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		86.7	94.4	97.4	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING		57.7	62.8	63.6	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000		68.8	75.5	77.0	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000		69.2	76.0	77.6	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000		69.5	76.3	77.9	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000		71.1	78.1	79.8	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000		72.7	80.1	81.9	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000		77.2	84.9	87.0	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000		77.4	85.1	87.2	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000		79.7	87.5	89.7	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000		80.6	88.5	90.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 6000		81.0	89.2	91.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000		81.9	90.1	92.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500		81.9	90.1	92.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000		82.9	91.3	93.7	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500		83.7	92.1	94.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000		86.0	94.4	97.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500		86.2	94.6	97.3	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000		86.8	95.2	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800		86.8	95.2	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500		87.0	95.4	98.1	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200		87.1	95.6	98.2	99.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000		87.2	95.7	98.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		87.2	95.7	98.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		87.2	95.7	98.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		87.2	95.7	98.4	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19717

MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		56.2	61.4	63.5	64.4	64.6	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000		67.2	73.9	76.6	77.8	78.0	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5
IV 18000		67.5	74.4	77.0	78.2	78.4	78.7	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
IV 16000		67.7	74.6	77.3	78.6	78.8	79.0	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3
IV 14000		69.3	76.3	79.0	80.3	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
IV 12000		71.2	78.4	81.2	82.6	82.8	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4
IV 10000		75.6	82.9	85.9	87.2	87.4	87.7	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
IV 9000		76.0	83.3	86.2	87.6	87.9	88.1	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 8000		78.2	85.7	88.7	90.2	90.4	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 7000		79.2	86.8	89.8	91.3	91.6	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2
IV 6000		79.4	87.1	90.2	91.7	91.9	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.6	92.6
IV 5000		80.0	87.9	91.0	92.5	92.7	93.0	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 4500		80.1	87.9	91.0	92.5	92.8	93.1	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 4000		80.8	88.7	91.8	93.4	93.6	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 3500		81.3	89.3	92.4	94.0	94.3	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
IV 3000		82.5	90.5	93.8	95.4	95.6	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 2500		82.8	90.9	94.2	95.8	96.1	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
IV 2000		83.6	91.8	95.2	96.9	97.1	97.5	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IV 1800		83.6	91.8	95.3	97.0	97.2	97.6	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
IV 1500		84.0	92.2	95.7	97.5	97.8	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
IV 1200		84.3	92.6	96.1	97.9	98.2	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 1000		84.6	92.8	96.3	98.2	98.4	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 900		84.6	92.9	96.4	98.3	98.5	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
IV 800		84.7	93.0	96.5	98.4	98.7	99.1	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 700		84.7	93.0	96.6	98.4	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
IV 600		84.7	93.0	96.6	98.4	98.7	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 500		84.8	93.1	96.7	98.5	98.8	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 400		84.8	93.2	96.7	98.6	98.9	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 300		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0		84.8	93.2	96.7	98.6	98.9	99.4	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7098

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		66.0	71.4	72.7	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 20000		72.1	78.7	80.6	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 18000		72.4	78.9	80.8	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 16000		72.5	79.0	81.0	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 14000		73.7	80.2	82.1	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 12000		74.5	81.1	83.0	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 10000		77.5	84.2	86.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 9000		77.9	84.5	87.3	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 8000		79.0	85.7	88.5	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 7000		79.6	86.3	89.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 6000		80.6	87.4	90.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 5000		81.0	87.7	90.5	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 4500		81.2	88.0	90.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 4000		82.1	88.9	91.7	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500		83.2	90.0	92.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 3000		84.0	90.8	93.7	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500		84.3	91.1	93.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 2000		85.1	91.9	94.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1800		85.6	92.4	95.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1500		86.0	92.7	95.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1200		86.5	93.3	96.5	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1000		86.7	93.6	96.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 900		87.0	93.9	97.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800		87.0	94.0	97.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700		87.0	94.3	97.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600		87.0	94.4	97.6	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500		87.1	94.6	97.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400		87.1	94.6	97.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300		87.3	94.8	98.1	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		87.3	94.8	98.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		87.3	94.8	98.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		87.3	94.8	98.1	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

640

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		59.6	65.8	68.5	71.2	71.7	72.4	72.6	72.6	72.6	72.6	72.6	72.9	72.9	72.9	72.9
≥ 20000		63.1	70.1	73.0	76.1	76.8	77.6	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1
IV 18000		63.6	70.6	73.5	76.5	77.3	78.1	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6
IV 16000		63.7	70.7	73.6	76.7	77.4	78.2	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7
IV 14000		64.6	71.6	74.6	77.7	78.5	79.3	79.5	79.5	79.5	79.5	79.5	79.8	79.8	79.8	79.8
IV 12000		65.1	72.3	75.4	78.5	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5
IV 10000		68.6	76.4	79.6	82.7	83.5	84.3	84.5	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8
IV 9000		69.0	77.0	80.2	83.3	84.0	84.9	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.4
IV 8000		70.4	78.7	82.3	85.5	86.2	87.0	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5
IV 7000		70.6	79.0	82.6	85.8	86.5	87.4	87.6	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9
IV 6000		71.0	79.6	83.2	86.4	87.1	88.0	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5
IV 5000		71.5	80.4	83.9	87.1	87.9	88.7	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2
IV 4500		71.9	80.4	83.9	87.1	87.9	88.7	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2
IV 4000		72.1	81.0	84.5	87.7	88.5	89.4	89.6	89.6	89.6	89.6	89.6	89.9	89.9	89.9	89.9
IV 3500		72.4	81.5	85.2	88.5	89.2	90.1	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6
IV 3000		73.3	82.3	86.7	89.9	90.6	91.5	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0
IV 2500		74.0	83.5	87.4	90.6	91.3	92.3	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7
IV 2000		75.4	84.9	88.9	92.3	93.0	93.9	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
IV 1800		75.5	85.0	89.0	92.5	93.2	94.2	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
IV 1500		76.3	86.0	90.0	93.5	94.2	95.1	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6
IV 1200		76.8	86.5	90.6	94.3	95.0	96.0	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
IV 1000		76.8	86.5	90.6	94.3	95.0	96.0	96.2	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5
IV 900		76.8	86.7	90.8	94.5	95.2	96.2	96.4	96.4	96.5	96.5	96.5	96.8	96.8	96.8	96.8
IV 800		76.8	86.8	91.0	94.6	95.4	96.3	96.5	96.5	96.7	96.7	96.7	96.9	96.9	96.9	96.9
IV 700		76.9	86.9	91.2	94.9	95.6	96.5	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
IV 600		76.9	86.9	91.2	94.9	95.6	96.5	96.8	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.1
IV 500		77.0	87.1	91.4	95.3	95.8	96.8	97.0	97.0	97.1	97.1	97.1	97.4	97.4	97.4	97.4
IV 400		77.5	87.7	92.0	95.7	96.4	97.4	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0
IV 300		77.6	88.0	92.4	96.4	97.6	98.7	98.9	98.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4
IV 200		77.7	88.1	92.6	96.7	97.9	98.9	99.2	99.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0
IV 100		77.7	88.1	92.6	96.7	97.9	98.9	99.2	99.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0
IV 0		77.7	88.1	92.6	96.7	97.9	98.9	99.2	99.2	99.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING		47.9	55.9	60.4	63.3	64.8	66.3	67.1	67.2	67.5	67.9	67.9	68.1	68.3	68.5	68.6
≥ 20000		52.3	61.4	66.2	70.1	71.6	73.2	74.0	74.1	74.4	74.8	74.8	75.0	75.2	75.6	75.7
IV 18000		52.4	61.5	66.5	70.3	71.8	73.6	74.3	74.4	74.8	75.1	75.1	75.3	75.5	75.9	76.1
IV 16000		52.9	61.9	66.9	70.8	72.3	74.0	74.9	75.0	75.3	75.6	75.6	75.8	76.1	76.5	76.6
IV 14000		53.4	62.6	67.5	71.5	73.1	75.1	76.1	76.2	76.5	76.8	76.8	77.0	77.2	77.7	77.8
IV 12000		54.7	64.2	69.4	73.4	75.0	77.0	78.0	78.1	78.5	78.9	78.9	79.1	79.3	79.7	79.8
IV 10000		56.7	66.3	71.6	75.6	77.2	79.3	80.3	80.4	80.8	81.1	81.1	81.3	81.6	82.0	82.1
IV 9000		57.0	66.6	72.1	76.2	77.9	79.9	80.9	81.0	81.4	81.8	81.8	82.0	82.2	82.6	82.7
IV 8000		59.5	69.6	75.5	79.8	81.7	83.7	84.7	84.8	85.2	85.5	85.5	85.8	86.0	86.4	86.5
IV 7000		60.2	70.2	76.5	80.8	82.6	84.7	85.7	85.8	86.2	86.5	86.5	86.7	86.9	87.4	87.5
IV 6000		60.3	70.4	76.8	81.1	83.0	85.0	86.0	86.2	86.6	86.9	86.9	87.2	87.4	87.8	87.9
IV 5000		60.5	70.7	77.0	81.4	83.3	85.3	86.3	86.5	86.9	87.3	87.3	87.5	87.7	88.1	88.2
IV 4500		60.7	70.9	77.2	81.7	83.5	85.5	86.5	86.7	87.2	87.5	87.5	87.7	87.9	88.3	88.5
IV 4000		61.1	71.3	77.8	82.2	84.0	86.1	87.1	87.3	87.7	88.0	88.0	88.2	88.5	88.9	89.0
IV 3500		61.5	71.7	78.2	82.6	84.5	86.6	87.6	87.8	88.2	88.6	88.6	88.8	89.0	89.4	89.5
IV 3000		62.1	72.5	79.1	83.5	85.3	87.6	88.7	88.9	89.3	89.6	89.6	89.9	90.1	90.5	90.6
IV 2500		62.7	73.4	80.0	84.6	86.5	88.8	89.9	90.1	90.5	90.8	90.8	91.0	91.3	91.7	91.8
IV 2000		63.2	74.0	80.7	85.2	87.2	89.5	90.6	90.8	91.3	91.6	91.6	91.8	92.0	92.4	92.6
IV 1800		63.2	74.0	80.7	85.2	87.2	89.5	90.6	90.8	91.3	91.6	91.6	91.8	92.0	92.4	92.6
IV 1500		63.6	74.5	81.3	86.0	87.9	90.4	91.5	91.7	92.1	92.4	92.4	92.7	92.9	93.3	93.4
IV 1200		64.4	75.5	82.3	87.1	89.1	91.7	92.9	93.1	93.5	93.9	93.9	94.1	94.3	94.7	94.8
IV 1000		64.7	75.9	82.7	87.5	89.6	92.3	93.5	93.7	94.2	94.5	94.5	94.7	94.9	95.4	95.5
IV 900		64.7	76.2	83.0	87.7	89.9	92.6	93.7	94.0	94.4	94.7	94.7	94.9	95.1	95.6	95.7
IV 800		64.7	76.4	83.2	88.0	90.2	92.9	94.1	94.3	94.7	95.0	95.0	95.3	95.5	95.9	96.0
IV 700		64.9	76.6	83.4	88.2	90.4	93.1	94.3	94.5	94.9	95.3	95.3	95.5	95.7	96.1	96.2
IV 600		64.9	76.6	83.5	88.3	90.5	93.2	94.4	94.6	95.0	95.4	95.4	95.6	95.8	96.2	96.3
IV 500		64.9	76.7	83.7	88.7	90.8	93.6	94.8	95.0	95.5	95.8	95.8	96.0	96.2	96.7	96.8
IV 400		65.0	76.9	83.9	89.0	91.2	94.1	95.4	95.6	96.0	96.3	96.3	96.5	96.8	97.2	97.3
IV 300		65.0	76.9	84.4	89.5	91.7	94.8	96.3	96.5	97.0	97.4	97.4	97.7	98.0	98.4	98.5
IV 200		65.0	76.9	84.5	89.9	92.0	95.1	97.0	97.3	97.8	98.3	98.3	98.9	99.1	99.6	99.7
IV 100		65.0	76.9	84.5	89.9	92.0	95.1	97.0	97.3	97.8	98.3	98.3	99.0	99.2	99.9	100.0
IV 0		65.0	76.9	84.5	89.9	92.0	95.1	97.0	97.3	97.8	98.3	98.3	99.0	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.1	58.9	61.8	62.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	.1	67.7	70.9	71.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 18000	.1	68.2	71.3	72.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 16000	.1	68.3	71.4	72.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 14000	.1	69.6	72.8	73.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 12000	.1	71.8	75.1	76.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 10000	.2	76.1	79.3	80.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 9000	.2	76.7	80.2	81.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 8000	.2	79.0	82.5	83.9	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 7000	.2	79.9	83.9	84.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 6000	.2	80.7	84.9	86.0	87.4	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 5000	.2	81.6	85.9	87.1	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4500	.2	81.9	85.9	87.9	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 4000	.2	82.7	86.7	88.3	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 3500	.2	83.3	87.3	88.9	90.7	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3000	.2	84.0	88.2	90.0	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2500	.2	84.9	88.7	90.4	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	.2	85.5	90.1	91.8	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1800	.2	85.7	90.2	91.9	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1500	.2	86.4	91.4	93.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	.2	87.1	92.0	94.0	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	.2	88.0	93.1	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	.2	88.0	93.1	95.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	.2	88.1	93.3	95.5	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	.2	88.1	93.4	95.7	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	.2	88.1	93.4	95.8	98.0	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	.2	88.1	93.4	95.9	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	.2	88.1	93.4	95.9	98.2	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 300	.2	88.1	93.4	96.0	98.3	99.1	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 200	.2	88.1	93.4	96.0	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	.2	88.1	93.4	96.0	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	.2	88.1	93.4	96.0	98.4	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		57.9	60.0	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000		70.2	72.9	74.4	75.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
M 18000 M 16000		70.6	73.2	74.8	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
M 14000 M 12000		70.8	73.5	75.0	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
M 10000 M 9000		72.3	75.0	76.6	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
M 8000 M 7000		74.8	77.7	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
M 6000 M 5000		78.0	80.9	82.6	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
M 4500 M 4000		78.3	81.3	83.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
M 3500 M 3000		81.0	84.5	86.8	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
M 2500 M 2000		83.0	86.5	88.9	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
M 1800 M 1500		83.2	86.7	89.1	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
M 1200 M 1000		83.8	87.4	89.9	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
M 900 M 800		84.8	88.3	90.8	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
M 700 M 600		85.5	89.2	91.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
M 500 M 400		86.7	90.4	92.9	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
M 300 M 200		87.1	91.7	93.2	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
M 100 M 0		88.3	92.0	94.6	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
		88.8	92.4	95.0	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
		89.8	93.5	96.1	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
		89.9	93.6	96.3	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
		90.4	94.2	96.9	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		90.4	94.2	96.9	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
		90.7	94.5	97.2	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		91.0	94.8	97.5	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	≥ 0	
NO CEILING																
≥ 20000		54.9	57.4	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 18000		70.2	73.3	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 16000		70.3	73.4	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 14000		70.6	73.7	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 12000		72.9	76.0	76.7	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 10000		76.1	79.3	80.1	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 9000		81.4	85.3	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 8000		81.8	86.0	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
IV 7000		83.5	87.8	88.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
IV 6000		85.4	89.7	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
IV 5000		85.9	90.3	91.3	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4
IV 4500		86.2	90.6	91.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 4000		86.2	90.6	91.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 3500		87.4	91.9	93.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 3000		88.2	92.7	93.8	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 2500		88.9	93.5	94.6	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2000		89.8	94.5	95.8	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1800		89.9	94.6	95.9	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1500		90.3	95.0	96.4	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1200		90.5	95.6	97.2	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000		90.6	95.7	97.3	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900		90.7	95.8	97.4	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800		90.7	95.8	97.4	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700		90.9	95.9	97.5	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0		91.0	96.0	97.6	99.2	99.2	99.2	99.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING																	
≥ 20000		55.4	58.4	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 18000		69.9	73.4	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 16000		70.3	73.9	75.2	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 14000		72.2	75.8	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 12000		74.8	78.8	80.1	80.4	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 10000		79.0	83.1	85.3	85.8	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 9000		79.1	83.2	85.5	86.0	86.1	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 8000		80.4	85.2	87.4	88.0	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 7000		81.6	86.5	88.7	89.4	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 6000		82.3	87.1	89.4	90.0	90.2	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 5000		82.5	87.4	89.7	90.3	90.5	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 4500		82.7	87.8	90.1	90.8	91.0	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 4000		83.4	88.6	90.9	91.5	91.7	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500		83.7	89.0	91.3	92.0	92.3	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000		84.6	91.1	92.4	93.1	93.3	93.5	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500		85.1	90.6	92.9	93.7	94.0	94.2	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000		86.0	91.7	94.2	94.9	95.3	95.6	95.8	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2
IV 1800		86.1	92.1	94.5	95.3	95.6	95.9	96.1	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6
IV 1500		86.6	92.5	95.1	95.9	96.2	96.6	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2
IV 1200		87.2	93.3	96.0	97.0	97.3	97.6	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4
IV 1000		87.5	93.7	96.3	97.4	97.7	98.1	98.4	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0
IV 900		87.5	93.8	96.5	97.5	97.8	98.2	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 800		87.5	93.8	96.5	97.5	97.8	98.2	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1
IV 700		87.7	94.0	96.8	98.0	98.3	98.6	98.9	99.0	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
IV 600		87.7	94.2	97.0	98.2	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 500		87.7	94.2	97.0	98.2	98.5	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 400		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 200		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 0		87.7	94.2	97.0	98.2	98.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING																
≥ 20000		64.6	68.1	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
18000		73.1	77.1	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
16000		73.4	77.6	79.6	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
14000		73.6	77.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
12000		74.8	78.9	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
10000		76.6	80.7	82.7	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
9000		80.0	84.6	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
8000		80.0	84.6	86.8	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
7000		82.1	86.9	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
6000		83.0	87.8	90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
5000		83.8	88.6	91.0	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
4500		84.0	88.8	91.3	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
4000		84.1	88.9	91.4	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
3500		85.2	90.0	92.6	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
3000		86.1	91.2	93.8	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2500		86.7	91.9	94.4	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
2000		87.0	92.2	94.8	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1800		87.3	92.6	95.2	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
1500		87.3	92.8	95.4	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1200		88.1	93.7	96.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
1000		88.6	94.1	97.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900		88.7	94.6	97.6	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800		88.7	94.7	97.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700		88.8	94.9	97.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600		89.0	95.1	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500		89.0	95.1	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		89.1	95.4	98.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 ATC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.0	58.0	62.2	63.9	65.0	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9
≥ 20000	.0	67.3	72.1	74.1	75.4	75.7	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4
IV 18000	.0	67.6	72.4	74.4	75.8	76.1	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.8	76.8
IV 16000	.0	67.8	72.7	74.7	76.0	76.3	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.1
IV 14000	.0	69.2	74.1	76.1	77.5	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.6
IV 12000	.0	71.1	76.1	78.3	79.7	80.0	80.4	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.8	80.9
IV 10000	.0	74.7	80.0	82.4	83.9	84.3	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
IV 9000	.0	75.0	80.4	82.9	84.4	84.8	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6
IV 8000	.0	76.9	82.6	85.3	86.9	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1
IV 7000	.0	78.0	83.7	86.4	88.0	88.4	88.9	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 6000	.0	78.5	84.3	87.1	88.7	89.1	89.6	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1
IV 5000	.0	78.9	84.8	87.6	89.3	89.7	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6
IV 4500	.0	79.1	85.0	87.8	89.5	89.9	90.4	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.9
IV 4000	.0	79.9	85.8	88.6	90.4	90.8	91.3	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.8	91.8
IV 3500	.0	80.4	86.5	89.3	91.1	91.6	92.1	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
IV 3000	.0	81.3	87.4	90.3	92.2	92.6	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6
IV 2500	.0	81.7	88.1	90.9	92.8	93.2	93.8	93.9	94.0	94.1	94.1	94.1	94.2	94.2	94.3	94.3
IV 2000	.0	82.6	89.0	92.0	94.0	94.4	95.0	95.2	95.2	95.3	95.4	95.4	95.4	95.5	95.5	95.5
IV 1800	.0	82.8	89.2	92.2	94.2	94.7	95.2	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.8	95.8
IV 1500	.0	83.4	89.9	93.0	95.0	95.5	96.1	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6
IV 1200	.0	83.9	90.5	93.8	95.9	96.4	97.0	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
IV 1000	.0	84.2	90.9	94.2	96.3	96.8	97.4	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0
IV 900	.0	84.3	91.0	94.3	96.4	97.0	97.6	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2
IV 800	.0	84.4	91.2	94.5	96.6	97.2	97.9	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.5	98.5
IV 700	.0	84.5	91.4	94.7	96.9	97.5	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8
IV 600	.0	84.5	91.4	94.8	97.0	97.6	98.2	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.9	98.9
IV 500	.0	84.6	91.6	94.9	97.1	97.7	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1
IV 400	.0	84.6	91.6	95.0	97.3	97.9	98.6	98.9	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3
IV 300	.0	84.7	91.7	95.2	97.5	98.1	98.9	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7
IV 200	.0	84.7	91.7	95.2	97.6	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.9	99.9	99.9	100.0
IV 100	.0	84.7	91.7	95.2	97.6	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	.0	84.7	91.7	95.2	97.6	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717

MYRTLE BEACH AFB SC

69-70,74-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		54.2	58.0	59.3	60.4	60.4	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 18000 IV 16000		61.1	65.7	67.0	68.1	68.1	68.5	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 14000 IV 12000		61.5	66.0	67.4	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 10000 IV 9000		62.3	67.0	68.4	69.5	69.5	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 8000 IV 7000		64.6	69.5	70.9	72.0	72.0	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 6000 IV 5000		70.2	75.2	76.5	77.7	77.7	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4500 IV 4000		70.4	75.3	76.7	77.8	77.8	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 3500 IV 3000		73.5	78.4	79.8	80.9	80.9	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 2500 IV 2000		74.2	79.1	80.5	81.6	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800 IV 1500		75.1	80.0	81.4	82.5	82.5	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1200 IV 1000		75.4	80.6	82.0	83.1	83.1	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 900 IV 800		75.6	80.7	82.1	83.2	83.2	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 700 IV 600		76.7	82.0	83.3	84.6	84.6	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 500 IV 400		77.2	82.5	83.8	85.1	85.1	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 300 IV 200		78.9	84.3	85.8	87.2	87.2	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 100 IV 0		80.2	85.7	87.2	88.5	88.5	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
		82.0	87.5	89.3	90.6	90.6	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
		82.1	87.7	89.4	90.7	90.7	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
		83.7	89.5	91.2	92.6	92.6	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
		84.4	90.2	92.0	93.3	93.3	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
		86.0	92.1	94.0	95.4	95.4	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
		86.2	92.5	94.3	95.8	95.8	96.2	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
		86.7	93.0	94.9	96.4	96.4	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
		86.9	93.3	95.3	96.8	96.8	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
		87.4	93.8	95.8	97.3	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
		87.5	94.4	96.4	97.9	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
		87.5	94.7	96.7	98.3	98.5	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
		87.5	94.7	96.7	98.3	98.6	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
		87.5	94.7	96.7	98.3	98.6	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
		87.5	94.7	96.7	98.3	98.6	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 81

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,74-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		52.6	59.8	62.0	63.3	64.2	64.8	65.4	65.4	66.2	66.2	66.2	66.9	67.0	67.2	67.3
≥ 20000		58.1	65.6	68.0	69.4	70.2	71.1	71.7	71.7	72.5	72.5	72.5	73.2	73.3	73.5	73.6
IV 18000		58.1	65.6	68.0	69.4	70.2	71.1	71.7	71.7	72.5	72.5	72.5	73.2	73.3	73.5	73.6
IV 16000		58.1	65.6	68.0	69.4	70.2	71.1	71.7	71.7	72.5	72.5	72.5	73.2	73.3	73.5	73.6
IV 14000		58.4	65.8	68.3	69.6	70.5	71.4	72.0	72.0	72.7	72.7	72.7	73.5	73.6	73.7	73.8
IV 12000		59.6	67.0	69.8	71.2	72.1	73.0	73.6	73.6	74.3	74.3	74.3	75.1	75.2	75.3	75.4
IV 10000		62.8	70.4	73.1	74.6	75.4	76.3	76.9	76.9	77.7	77.7	77.7	78.4	78.5	78.6	78.8
IV 9000		63.2	70.7	73.5	74.9	75.8	76.7	77.3	77.3	78.0	78.0	78.0	78.8	78.9	79.0	79.1
IV 8000		65.1	72.7	75.4	76.9	77.8	78.6	79.3	79.3	80.0	80.0	80.0	80.7	80.9	81.0	81.1
IV 7000		66.0	73.7	76.4	77.9	78.8	79.6	80.2	80.2	81.0	81.0	81.0	81.7	81.9	82.0	82.1
IV 6000		66.3	74.1	76.8	78.4	79.3	80.1	80.7	80.7	81.5	81.5	81.5	82.2	82.3	82.5	82.6
IV 5000		66.7	74.6	77.3	79.0	79.9	80.7	81.4	81.4	82.1	82.1	82.1	82.8	83.0	83.1	83.2
IV 4500		66.7	74.6	77.3	79.0	79.9	80.7	81.4	81.4	82.1	82.1	82.1	82.8	83.0	83.1	83.2
IV 4000		67.4	75.6	78.3	80.1	81.0	81.9	82.5	82.5	83.2	83.2	83.2	84.0	84.1	84.2	84.3
IV 3500		68.1	76.3	79.1	81.0	81.9	82.7	83.3	83.3	84.1	84.1	84.1	84.8	84.9	85.1	85.2
IV 3000		68.9	77.2	80.2	82.1	83.0	83.8	84.6	84.6	85.3	85.3	85.3	86.0	86.2	86.3	86.4
IV 2500		69.0	77.3	80.4	82.2	83.1	84.0	84.7	84.7	85.4	85.4	85.4	86.2	86.3	86.4	86.5
IV 2000		70.7	79.3	82.5	84.4	85.4	86.3	87.0	87.0	87.8	87.8	87.8	88.5	88.6	88.8	88.9
IV 1800		71.2	79.8	83.0	84.9	85.9	86.8	87.5	87.5	88.3	88.3	88.3	89.0	89.1	89.3	89.4
IV 1500		71.7	80.2	83.5	85.4	86.4	87.3	88.0	88.0	88.8	88.8	88.8	89.5	89.6	89.8	89.9
IV 1200		72.3	80.9	84.1	86.0	87.0	87.9	88.6	88.6	89.4	89.4	89.4	90.1	90.2	90.4	90.5
IV 1000		73.1	82.0	85.2	87.2	88.1	89.0	90.0	90.0	90.7	90.7	90.7	91.5	91.6	91.7	91.9
IV 900		73.1	82.1	85.3	87.3	88.3	89.1	90.1	90.1	90.9	90.9	90.9	91.6	91.7	91.9	92.0
IV 800		73.2	82.2	85.6	87.6	88.6	89.6	90.7	90.7	91.5	91.5	91.5	92.2	92.3	92.5	92.6
IV 700		73.6	82.8	86.2	88.4	89.4	90.4	91.4	91.4	92.1	92.1	92.1	92.8	93.0	93.1	93.2
IV 600		74.3	83.7	87.0	89.3	90.2	91.2	92.2	92.2	93.0	93.0	93.0	93.7	93.8	94.0	94.1
IV 500		75.2	85.1	88.8	91.1	92.1	93.2	94.2	94.2	94.9	94.9	94.9	95.7	95.8	95.9	96.0
IV 400		75.9	85.9	89.8	92.1	93.2	94.4	95.4	95.4	96.3	96.3	96.3	97.0	97.2	97.3	97.4
IV 300		75.9	85.9	89.9	92.3	93.6	94.9	95.9	96.2	97.2	97.2	97.2	97.9	98.0	98.1	98.3
IV 200		75.9	85.9	89.9	92.6	93.8	95.3	96.5	96.8	97.9	98.0	98.0	98.8	98.9	99.1	99.4
IV 100		75.9	85.9	89.9	92.6	93.8	95.3	96.5	96.8	98.1	98.4	98.4	99.1	99.3	99.8	100.0
IV 0		75.9	85.9	89.9	92.6	93.8	95.3	96.5	96.8	98.1	98.4	98.4	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	.1	29.6	37.3	43.7	48.3	50.8	53.2	54.2	54.8	55.0	55.3	55.3	55.8	55.8	56.3	56.8
IV 20000	.1	35.9	45.2	52.0	57.0	59.8	62.2	63.2	63.8	64.2	64.6	64.6	65.2	65.2	65.8	66.3
IV 18000	.1	36.2	45.6	52.3	57.3	60.1	62.6	63.6	64.1	64.6	64.9	64.9	65.6	65.6	66.1	66.7
IV 16000	.1	36.2	45.6	52.3	57.3	60.1	62.6	63.6	64.1	64.6	64.9	64.9	65.6	65.6	66.1	66.7
IV 14000	.1	36.9	46.3	53.1	58.1	60.9	63.3	64.3	65.0	65.4	65.8	65.8	66.4	66.4	67.0	67.6
IV 12000	.1	38.8	48.6	55.3	60.6	63.3	65.8	66.8	67.4	67.9	68.2	68.2	68.9	68.9	69.4	70.0
IV 10000	.1	43.7	53.9	60.8	66.1	68.9	71.6	72.7	73.3	73.8	74.2	74.2	74.9	74.9	75.4	76.0
IV 9000	.1	44.3	54.6	61.4	66.8	69.6	72.2	73.3	74.0	74.4	74.9	74.9	75.6	75.6	76.1	76.7
IV 8000	.1	45.4	56.3	63.4	69.1	71.9	74.7	75.8	76.7	77.1	77.6	77.6	78.2	78.2	78.8	79.3
IV 7000	.1	46.2	57.3	64.4	70.3	73.1	75.9	77.1	78.1	78.6	79.0	79.0	79.7	79.7	80.2	80.8
IV 6000	.1	46.3	57.4	64.7	70.6	73.3	76.3	77.6	78.7	79.1	79.6	79.6	80.2	80.2	80.8	81.3
IV 5000	.1	47.2	58.4	65.8	71.7	74.6	77.6	78.8	79.9	80.3	80.8	80.8	81.4	81.4	82.0	82.6
IV 4500	.1	47.4	58.7	66.0	71.9	74.8	77.8	79.0	80.1	80.6	81.0	81.0	81.7	81.7	82.2	82.8
IV 4000	.1	47.9	59.1	66.6	72.6	75.4	78.6	79.9	81.0	81.4	81.9	81.9	82.6	82.6	83.1	83.7
IV 3500	.1	48.4	59.7	67.1	73.1	76.0	79.1	80.6	81.7	82.1	82.6	82.6	83.2	83.2	83.8	84.3
IV 3000	.1	49.1	60.6	68.0	74.1	77.0	80.1	81.6	82.7	83.1	83.6	83.6	84.2	84.2	84.8	85.3
IV 2500	.1	49.6	61.2	68.7	75.0	77.9	81.0	82.4	83.6	84.0	84.4	84.4	85.2	85.2	85.8	86.3
IV 2000	.1	50.7	62.6	70.4	76.9	80.0	83.1	84.6	85.7	86.1	86.6	86.6	87.3	87.3	87.9	88.4
IV 1800	.1	50.9	63.0	70.8	77.1	80.3	83.4	84.9	86.0	86.4	86.9	86.9	87.7	87.7	88.2	88.8
IV 1500	.1	51.2	63.6	71.3	77.9	81.1	84.3	85.8	86.9	87.3	87.8	87.8	88.6	88.6	89.1	89.7
IV 1200	.1	51.4	63.9	71.7	78.2	81.4	84.7	86.1	87.2	87.7	88.1	88.1	88.9	88.9	89.4	90.0
IV 1000	.1	52.1	64.6	72.3	79.1	82.3	85.6	87.0	88.1	88.6	89.0	89.0	89.8	89.8	90.3	90.9
IV 900	.1	52.3	64.9	72.7	79.4	82.7	85.9	87.3	88.4	88.9	89.3	89.3	90.1	90.1	90.7	91.2
IV 800	.1	52.7	65.6	73.6	80.6	83.8	87.0	88.4	89.6	90.0	90.4	90.4	91.2	91.2	91.8	92.3
IV 700	.1	53.4	66.7	74.7	81.7	85.0	88.3	89.9	91.1	91.6	92.0	92.0	92.8	92.8	93.3	93.9
IV 600	.1	53.9	67.3	75.6	82.6	85.9	89.3	90.9	92.1	92.7	93.1	93.1	93.9	93.9	94.4	95.0
IV 500	.1	54.6	68.1	77.0	84.2	87.9	91.3	93.0	94.2	94.8	95.2	95.2	96.0	96.0	96.6	97.1
IV 400	.1	54.8	68.6	77.4	85.0	88.8	92.3	94.1	95.3	95.9	96.3	96.3	97.1	97.1	97.7	98.2
IV 300	.1	54.9	68.7	77.6	85.3	89.1	92.6	94.6	96.0	96.6	97.0	97.0	97.8	97.8	98.3	98.9
IV 200	.1	55.0	68.8	77.7	85.4	89.2	92.9	94.7	96.2	97.0	97.7	97.7	98.4	98.4	99.1	99.7
IV 100	.1	55.0	68.8	77.7	85.4	89.2	92.9	94.7	96.3	97.2	97.9	97.9	98.8	98.8	99.4	100.0
IV 0	.1	55.0	68.8	77.7	85.4	89.2	92.9	94.7	96.3	97.2	97.9	97.9	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING																
≥ 20000	47.9	53.0	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 18000	56.4	61.9	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 16000	56.8	62.2	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 14000	58.2	63.9	65.8	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 12000	60.2	66.0	67.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 10000	66.0	72.1	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	66.2	72.4	74.7	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	68.6	75.3	78.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 7000	70.6	77.3	80.0	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 6000	71.6	78.4	81.1	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 5000	72.6	79.4	82.1	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 4500	72.9	79.8	82.4	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4000	73.4	80.3	83.1	84.6	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	74.7	81.6	84.3	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	75.9	83.1	85.9	87.4	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 2500	76.3	83.8	86.6	88.3	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 2000	77.6	85.4	88.3	90.1	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1800	78.0	85.9	88.8	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 1500	78.9	86.9	89.9	91.9	92.0	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	80.1	88.1	91.2	93.2	93.3	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	80.9	88.9	92.2	94.3	94.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	81.8	89.9	93.2	95.3	95.7	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	82.3	90.9	94.2	96.3	96.7	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 700	82.9	92.0	95.7	97.8	98.1	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	83.0	92.3	96.1	98.2	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	83.1	92.4	96.4	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	83.1	92.4	96.4	98.9	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	83.1	92.4	96.4	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.1	49.3	51.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000	.1	60.7	63.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 18000	.1	61.3	64.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	.1	61.7	64.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 14000	.1	63.6	66.3	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	.1	65.9	68.7	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 10000	.1	70.6	73.6	75.0	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 9000	.1	70.9	73.9	75.3	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 8000	.1	74.1	77.1	78.8	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 7000	.1	75.0	78.3	79.9	80.7	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 6000	.1	76.0	79.3	80.9	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 5000	.1	77.0	80.3	81.9	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4500	.1	77.2	80.6	82.1	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4000	.1	78.8	82.2	83.8	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500	.1	79.7	83.6	85.1	85.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 3000	.1	81.7	85.7	87.2	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2500	.1	82.6	86.6	88.3	89.1	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	.1	84.7	89.0	90.9	92.0	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1800	.1	85.0	89.4	91.3	92.4	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	.1	86.1	90.7	92.6	93.7	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	.1	87.7	92.6	94.6	95.7	95.7	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1000	.1	88.8	93.9	96.1	97.2	97.2	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	.1	88.9	94.1	96.4	97.6	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	.1	89.0	94.4	96.9	98.0	98.0	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	.1	89.4	95.2	97.8	98.9	99.0	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	.1	89.6	95.3	97.9	99.0	99.1	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	.1	89.7	95.4	98.0	99.1	99.2	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		48.2	50.2	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000		63.1	65.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2
IV 18000		63.4	66.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6
IV 16000		63.7	66.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
IV 14000		65.3	67.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6
IV 12000		67.3	70.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
IV 10000		74.3	77.3	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
IV 9000		74.7	77.7	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
IV 8000		77.9	81.2	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
IV 7000		79.2	82.6	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
IV 6000		79.8	83.1	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
IV 5000		81.2	84.7	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
IV 4500		81.4	84.9	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
IV 4000		82.6	86.1	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
IV 3500		83.7	87.2	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
IV 3000		84.9	88.4	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV 2500		85.2	89.0	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
IV 2000		86.2	90.3	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 1800		86.4	90.6	93.1	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7
IV 1500		87.4	91.7	94.3	94.6	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
IV 1200		88.7	93.3	96.1	96.3	96.3	96.4	96.6	96.6	96.7	96.8	96.8	97.0	97.0	97.0	97.0
IV 1000		89.2	93.9	96.9	97.1	97.1	97.2	97.3	97.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8
IV 900		90.2	95.2	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
IV 800		90.3	95.3	98.6	98.8	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7
IV 700		90.3	95.3	98.6	98.8	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.7	99.7	99.7	99.7
IV 600		90.4	95.6	98.8	99.0	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.9	99.9	99.9	99.9
IV 500		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 400		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 300		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 200		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 100		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
IV 0		90.4	95.6	98.8	99.1	99.1	99.3	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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MYRTLE BEACH AFB SC

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SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	50.9	54.9	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 18000	63.0	67.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 16000	63.4	68.0	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 14000	64.6	69.1	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 12000	66.0	70.8	72.3	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 10000	70.7	76.2	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 9000	71.1	76.8	78.4	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	74.4	80.3	82.0	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 7000	75.0	81.0	82.7	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 6000	75.3	81.4	83.1	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	76.4	82.9	84.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4500	76.7	83.1	85.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4000	77.3	83.9	85.8	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500	78.8	85.4	87.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	80.8	87.6	89.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2500	82.2	89.1	91.1	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	83.2	90.3	92.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1800	83.2	90.3	92.4	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	84.1	91.2	93.4	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	84.7	92.1	94.7	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	85.9	93.4	96.0	97.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	86.4	94.0	96.6	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	85.8	94.4	97.0	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	86.9	94.6	97.2	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	86.9	94.6	97.2	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	86.9	94.6	97.3	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
IV 400	86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 300	86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 200	86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 0	86.9	94.6	97.3	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-87

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		55.7	60.0	61.1	61.4	61.4	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000		64.9	69.8	71.0	71.3	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 18000		65.2	70.2	71.5	71.7	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 16000		65.2	70.2	71.5	71.7	71.7	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 14000		66.2	71.4	72.6	72.9	72.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 12000		67.6	73.0	74.3	74.5	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 10000		70.8	76.2	77.5	77.7	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000		71.3	76.7	77.9	78.2	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 8000		74.4	79.8	81.0	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 7000		75.1	80.7	82.0	82.2	82.2	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 6000		75.9	81.6	82.9	83.1	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 5000		77.5	83.6	84.8	85.1	85.1	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500		77.6	83.8	85.1	85.3	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4000		78.7	85.2	86.6	86.9	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3500		79.4	85.9	87.2	87.6	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000		81.4	87.8	89.3	89.7	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2500		82.6	89.1	90.6	90.9	90.9	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000		84.3	90.8	92.3	92.6	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800		84.4	90.9	92.4	92.8	92.8	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500		85.7	92.4	94.0	94.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1200		86.6	93.3	95.1	95.4	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1000		87.4	94.3	96.2	96.6	96.6	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 900		88.5	95.4	97.4	97.7	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 800		89.0	95.9	97.8	98.2	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700		89.2	96.1	98.0	98.4	98.4	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600		89.2	96.1	98.2	98.5	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500		89.3	96.3	98.4	98.7	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400		89.3	96.3	98.4	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		89.3	96.3	98.4	99.0	99.0	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	48.4	53.0	54.9	55.9	56.3	56.8	57.0	57.1	57.2	57.3	57.3	57.4	57.4	57.5	57.6
≥ 20000	.0	57.8	63.0	65.2	66.3	66.8	67.3	67.5	67.6	67.8	67.8	67.8	68.0	68.0	68.1	68.2
IV 18000	.0	58.1	63.3	65.5	66.7	67.1	67.6	67.9	68.0	68.1	68.2	68.2	68.4	68.4	68.5	68.5
IV 16000	.0	58.3	63.4	65.7	66.8	67.3	67.8	68.0	68.1	68.3	68.3	68.3	68.5	68.5	68.6	68.7
IV 14000	.0	59.4	64.6	66.9	68.0	68.5	69.0	69.3	69.4	69.5	69.6	69.6	69.7	69.8	69.8	69.9
IV 12000	.0	61.2	66.6	68.9	70.1	70.6	71.1	71.3	71.4	71.6	71.6	71.6	71.8	71.8	71.9	72.0
IV 10000	.0	66.1	71.8	74.2	75.4	75.9	76.4	76.7	76.8	77.0	77.0	77.0	77.2	77.2	77.3	77.4
IV 9000	.0	66.5	72.2	74.6	75.9	76.4	76.9	77.2	77.3	77.5	77.5	77.5	77.7	77.7	77.8	77.9
IV 8000	.0	69.1	75.2	77.7	79.1	79.6	80.2	80.5	80.6	80.8	80.8	80.8	81.0	81.0	81.1	81.2
IV 7000	.0	70.1	76.2	78.8	80.3	80.8	81.4	81.7	81.8	82.0	82.0	82.0	82.2	82.2	82.3	82.4
IV 6000	.0	70.8	76.9	79.5	81.0	81.5	82.1	82.4	82.6	82.7	82.8	82.8	83.0	83.0	83.1	83.2
IV 5000	.0	71.7	78.1	80.7	82.2	82.7	83.4	83.7	83.8	84.0	84.1	84.1	84.2	84.3	84.3	84.4
IV 4500	.0	71.9	78.3	80.9	82.4	82.9	83.6	83.9	84.0	84.2	84.3	84.3	84.4	84.5	84.5	84.6
IV 4000	.0	72.8	79.3	82.0	83.6	84.1	84.7	85.1	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.8
IV 3500	.0	73.7	80.3	83.0	84.6	85.1	85.8	86.1	86.3	86.4	86.5	86.5	86.7	86.7	86.8	86.8
IV 3000	.0	75.2	81.8	84.6	86.3	86.8	87.5	87.8	88.0	88.1	88.2	88.2	88.4	88.4	88.5	88.6
IV 2500	.0	76.0	82.7	85.5	87.3	87.8	88.5	88.8	89.0	89.2	89.2	89.2	89.4	89.4	89.5	89.6
IV 2000	.0	77.4	84.4	87.4	89.2	89.8	90.4	90.8	91.0	91.1	91.2	91.2	91.4	91.4	91.5	91.6
IV 1800	.0	77.7	84.7	87.7	89.5	90.0	90.7	91.1	91.2	91.4	91.5	91.5	91.7	91.7	91.8	91.9
IV 1500	.0	78.6	85.8	88.8	90.7	91.2	91.9	92.3	92.5	92.7	92.7	92.7	92.9	92.9	93.0	93.1
IV 1200	.0	79.5	86.8	89.9	91.9	92.4	93.2	93.6	93.7	93.9	94.0	94.0	94.2	94.2	94.3	94.4
IV 1000	.0	80.4	87.9	91.1	93.1	93.7	94.4	94.8	95.0	95.2	95.3	95.3	95.5	95.5	95.6	95.7
IV 900	.0	80.9	88.5	91.8	93.8	94.4	95.2	95.6	95.7	95.9	96.0	96.0	96.2	96.2	96.3	96.4
IV 800	.0	81.2	89.0	92.3	94.4	95.0	95.8	96.2	96.4	96.6	96.6	96.6	96.9	96.9	97.0	97.0
IV 700	.0	81.6	89.5	93.0	95.0	95.6	96.4	96.9	97.1	97.3	97.3	97.3	97.5	97.6	97.6	97.7
IV 600	.0	81.8	89.8	93.3	95.4	96.0	96.8	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.1	98.2
IV 500	.0	82.1	90.2	93.9	96.1	96.7	97.6	98.0	98.2	98.5	98.5	98.5	98.7	98.8	98.8	98.9
IV 400	.0	82.2	90.4	94.1	96.3	97.1	97.9	98.4	98.6	98.9	98.9	98.9	99.2	99.2	99.3	99.4
IV 300	.0	82.2	90.4	94.1	96.4	97.2	98.1	98.6	98.8	99.1	99.2	99.2	99.4	99.4	99.5	99.6
IV 200	.0	82.2	90.4	94.1	96.5	97.2	98.2	98.7	98.9	99.2	99.4	99.4	99.6	99.7	99.8	99.9
IV 100	.0	82.2	90.4	94.1	96.5	97.2	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.9	100.0
IV 0	.0	82.2	90.4	94.1	96.5	97.2	98.2	98.7	99.0	99.3	99.5	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,74-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		66.5	71.2	73.1	74.2	74.2	74.4	74.5	74.6	75.1	75.2	75.2	75.4	75.4	75.7	76.1	
≥ 20000		68.9	73.6	75.7	76.8	76.8	77.2	77.4	77.5	78.0	78.1	78.1	78.2	78.2	78.6	78.9	
IV 18000		69.1	73.8	76.0	77.0	77.0	77.4	77.6	77.8	78.2	78.3	78.3	78.5	78.5	78.8	79.2	
IV 16000		69.5	74.2	76.3	77.4	77.4	77.8	78.0	78.1	78.6	78.7	78.7	78.8	78.8	79.2	79.5	
IV 14000		69.6	74.3	76.6	77.6	77.6	78.0	78.2	78.3	78.8	78.9	78.9	79.1	79.1	79.4	79.8	
IV 12000		70.6	75.2	77.5	78.6	78.6	78.9	79.2	79.3	79.8	79.9	79.9	80.0	80.0	80.4	80.7	
IV 10000		73.7	78.3	80.6	81.8	81.8	82.3	82.5	82.7	83.1	83.4	83.4	83.5	83.5	83.9	84.2	
IV 9000		73.8	78.6	81.0	82.3	82.3	82.8	83.0	83.1	83.6	83.9	83.9	84.0	84.0	84.3	84.7	
IV 8000		75.7	80.7	83.1	84.4	84.4	84.9	85.2	85.3	85.8	86.0	86.0	86.1	86.1	86.5	86.8	
IV 7000		76.8	81.8	84.2	85.5	85.5	86.0	86.2	86.4	86.8	87.1	87.1	87.2	87.2	87.6	87.9	
IV 6000		77.0	82.1	84.4	85.8	85.8	86.2	86.5	86.6	87.1	87.3	87.3	87.4	87.4	87.8	88.2	
IV 5000		78.3	83.4	85.8	87.1	87.1	87.6	87.8	87.9	88.4	88.6	88.6	88.8	88.8	89.1	89.5	
IV 4500		78.3	83.5	85.9	87.2	87.2	87.7	87.9	88.0	88.5	88.8	88.8	88.9	88.9	89.2	89.6	
IV 4000		79.3	84.6	87.0	88.3	88.3	88.5	89.1	89.4	89.5	90.0	90.2	90.3	90.3	90.7	91.0	
IV 3500		79.8	85.0	87.6	89.0	89.2	89.8	90.1	90.2	90.7	90.9	90.9	91.0	91.0	91.4	91.7	
IV 3000		80.6	86.0	88.5	90.0	90.2	90.8	91.0	91.1	91.6	91.9	91.9	92.0	92.0	92.3	92.7	
IV 2500		81.2	86.7	89.2	90.7	90.9	91.5	91.7	91.9	92.3	92.6	92.6	92.7	92.7	93.1	93.4	
IV 2000		82.1	87.6	90.1	91.5	91.7	92.5	92.7	92.8	93.3	93.5	93.5	93.7	93.7	94.0	94.4	
IV 1800		82.2	87.7	90.2	91.6	91.9	92.6	92.8	92.9	93.4	93.7	93.7	93.8	93.8	94.1	94.5	
IV 1500		82.3	87.8	90.3	91.7	92.0	92.7	92.9	93.1	93.5	93.8	93.8	93.9	93.9	94.3	94.6	
IV 1200		83.4	88.9	91.5	93.2	93.4	94.1	94.4	94.5	95.0	95.2	95.2	95.3	95.3	95.7	96.1	
IV 1000		83.5	89.0	91.6	93.3	93.5	94.3	94.5	94.6	95.1	95.3	95.3	95.5	95.5	95.8	96.2	
IV 900		83.7	89.4	92.0	93.7	93.9	94.6	94.9	95.0	95.5	95.7	95.7	95.8	95.8	96.2	96.5	
IV 800		84.2	89.8	92.5	94.1	94.4	95.1	95.3	95.5	95.9	96.2	96.2	96.3	96.3	96.7	97.0	
IV 700		84.2	89.8	92.5	94.1	94.4	95.1	95.3	95.5	95.9	96.2	96.2	96.3	96.3	96.7	97.0	
IV 600		84.4	90.1	92.8	94.5	94.7	95.5	95.7	95.8	96.3	96.5	96.5	96.7	96.7	97.0	97.4	
IV 500		84.8	90.6	93.3	95.0	95.2	95.9	96.2	96.3	96.8	97.0	97.0	97.1	97.1	97.5	97.8	
IV 400		85.3	91.0	93.9	95.6	95.8	96.7	96.9	97.1	97.7	98.0	98.0	98.1	98.1	98.4	98.8	
IV 300		85.3	91.0	94.0	95.7	95.9	96.9	97.1	97.4	98.0	98.2	98.2	98.3	98.4	98.8	99.2	
IV 200		85.3	91.0	94.0	95.7	95.9	96.9	97.1	97.6	98.3	98.6	98.6	98.7	98.8	99.2	99.6	
IV 100		85.3	91.0	94.0	95.8	96.1	97.0	97.2	97.7	98.4	98.7	98.7	98.8	98.9	99.3	100.0	
IV 0		85.3	91.0	94.0	95.8	96.1	97.0	97.2	97.7	98.4	98.7	98.7	98.8	98.9	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		60.7	62.9	65.2	66.8	67.5	68.4	69.2	69.3	70.2	70.6	70.8	71.1	71.2	71.5	71.8
≥ 20000		62.9	64.8	67.2	68.9	69.6	70.5	71.4	71.5	72.3	72.8	72.9	73.4	73.5	73.7	74.1
IV 18000		62.9	64.8	67.3	69.7	69.7	70.6	71.5	71.6	72.4	72.9	73.0	73.5	73.6	73.9	74.2
IV 16000		62.9	64.8	67.3	69.0	69.7	70.6	71.5	71.6	72.4	72.9	73.0	73.5	73.6	73.9	74.2
IV 14000		62.6	64.9	67.5	69.2	69.9	70.9	71.7	71.8	72.7	73.2	73.3	73.7	73.9	74.1	74.5
IV 12000		63.5	65.8	68.7	70.4	71.1	72.1	72.9	73.0	73.9	74.3	74.5	74.9	75.1	75.3	75.7
IV 10000		65.5	67.8	71.2	73.0	73.7	74.7	75.7	75.8	76.6	77.1	77.2	77.7	77.8	78.0	78.4
IV 9000		65.8	68.0	71.5	73.3	74.0	74.9	75.9	76.0	76.8	77.3	77.4	77.9	78.0	78.3	78.6
IV 8000		68.4	71.2	74.9	76.7	77.4	78.4	79.4	79.5	80.4	80.9	81.0	81.5	81.6	81.9	82.2
IV 7000		69.1	72.2	75.9	77.7	78.4	79.4	80.3	80.4	81.4	81.9	82.0	82.5	82.6	82.8	83.2
IV 6000		69.1	72.2	76.4	78.2	78.9	79.8	80.8	80.9	81.9	82.3	82.5	82.9	83.1	83.3	83.7
IV 5000		70.4	73.6	77.9	79.7	80.4	81.4	82.3	82.5	83.4	83.9	84.0	84.5	84.6	84.8	85.2
IV 4500		70.5	73.7	78.0	79.8	80.5	81.5	82.5	82.6	83.5	84.0	84.1	84.6	84.7	85.0	85.3
IV 4000		71.7	74.9	79.4	81.1	82.2	83.2	84.1	84.2	85.2	85.7	85.8	86.3	86.4	86.6	87.0
IV 3500		72.4	75.8	80.2	82.0	83.2	84.1	85.1	85.2	86.2	86.6	86.8	87.2	87.4	87.6	87.9
IV 3000		73.9	77.4	82.0	83.9	85.1	86.0	87.0	87.1	88.1	88.5	88.7	89.1	89.3	89.5	89.9
IV 2500		74.1	77.8	82.3	84.2	85.4	86.4	87.4	87.5	88.4	88.9	89.0	89.5	89.6	89.9	90.2
IV 2000		74.9	78.6	83.2	85.2	86.4	87.4	88.3	88.4	89.4	89.9	90.0	90.5	90.6	90.8	91.2
IV 1800		75.3	79.0	83.5	85.7	86.9	87.8	88.8	88.9	89.9	90.3	90.5	90.9	91.1	91.3	91.6
IV 1500		75.8	79.5	84.0	86.2	87.4	88.3	89.3	89.4	90.3	90.8	90.9	91.4	91.5	91.8	92.1
IV 1200		76.8	80.5	85.1	87.5	88.7	89.6	90.6	90.7	91.6	92.1	92.2	92.7	92.8	93.1	93.4
IV 1000		77.6	81.3	85.8	88.3	89.5	90.6	91.5	91.6	92.7	93.2	93.3	93.8	93.9	94.2	94.5
IV 900		78.0	81.7	86.3	88.9	90.1	91.3	92.2	92.4	93.4	93.9	94.0	94.5	94.6	94.9	95.2
IV 800		78.6	82.5	87.0	89.7	90.9	92.1	93.1	93.2	94.3	94.7	94.9	95.3	95.5	95.7	96.1
IV 700		79.0	83.1	87.7	90.5	91.8	93.0	93.9	94.0	95.1	95.6	95.7	96.2	96.3	96.5	96.9
IV 600		79.2	83.3	87.9	90.7	92.0	93.2	94.2	94.3	95.3	95.8	95.9	96.4	96.5	96.8	97.1
IV 500		79.2	83.4	88.1	90.9	92.2	93.7	94.6	94.7	95.9	96.4	96.5	97.0	97.1	97.4	97.7
IV 400		79.6	83.8	88.5	91.6	93.0	94.4	95.3	95.5	96.7	97.1	97.3	97.7	97.9	98.1	98.4
IV 300		79.7	83.9	88.7	91.9	93.2	94.7	95.7	95.8	97.1	97.6	97.7	98.3	98.4	98.7	99.0
IV 200		79.7	83.9	88.7	91.9	93.2	94.9	95.8	95.9	97.4	97.9	98.0	98.6	98.7	98.9	99.5
IV 100		79.7	84.0	88.8	92.0	93.3	95.0	95.9	96.1	97.5	98.0	98.1	98.7	98.8	99.0	100.0
IV 0		79.7	84.0	88.8	92.0	93.3	95.0	95.9	96.1	97.5	98.0	98.1	98.7	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

838

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0600
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000		48.0	52.7	55.6	58.5	59.4	60.9	62.0	62.5	62.8	63.3	63.4	64.0	64.6	64.8	65.0
IV 18000		52.0	56.8	60.1	63.3	64.1	65.7	67.0	67.5	67.8	68.3	68.4	69.0	69.6	69.9	70.1
IV 16000		52.0	56.8	60.1	63.3	64.1	65.7	67.0	67.5	67.8	68.3	68.4	69.0	69.6	69.9	70.1
IV 14000		52.4	57.2	60.6	63.7	64.6	66.2	67.5	68.0	68.4	68.8	68.9	69.6	70.1	70.4	70.6
IV 12000		53.8	58.7	62.1	65.2	66.1	67.7	69.0	69.7	70.0	70.5	70.6	71.3	71.8	72.2	72.4
IV 10000		56.9	61.9	65.2	68.4	69.2	70.9	72.2	72.8	73.1	73.7	73.8	74.4	75.0	75.3	75.5
IV 9000		57.4	62.4	65.8	68.9	69.8	71.4	72.7	73.3	73.7	74.2	74.3	75.0	75.5	75.8	76.1
IV 8000		60.5	66.1	69.6	72.8	73.7	75.3	76.7	77.4	77.8	78.3	78.4	79.1	79.6	80.0	80.2
IV 7000		61.2	67.0	70.4	73.9	74.8	76.4	77.8	78.4	78.9	79.4	79.5	80.2	80.7	81.0	81.3
IV 6000		61.4	67.3	70.9	74.5	75.4	77.0	78.5	79.2	79.6	80.2	80.3	80.9	81.5	81.8	82.0
IV 5000		62.8	68.8	72.4	76.2	77.0	78.7	80.2	80.8	81.3	81.8	81.9	82.6	83.1	83.4	83.6
IV 4500		63.1	69.2	72.9	76.7	77.6	79.2	80.7	81.4	81.8	82.3	82.4	83.1	83.6	84.0	84.2
IV 4000		63.7	70.1	73.8	77.7	78.7	80.3	81.8	82.4	82.9	83.4	83.5	84.2	84.7	85.0	85.3
IV 3500		64.1	70.9	74.5	78.4	79.5	81.1	82.7	83.3	83.7	84.3	84.4	85.0	85.6	85.9	86.1
IV 3000		65.7	72.5	76.3	80.3	81.4	83.0	84.5	85.2	85.6	86.1	86.2	86.9	87.4	87.8	88.0
IV 2500	.1	66.2	73.0	76.9	80.9	82.0	83.7	85.4	86.0	86.5	87.0	87.1	87.8	88.3	88.6	88.8
IV 2000	.1	67.0	73.8	77.7	81.7	82.8	84.6	86.2	86.9	87.3	87.9	88.0	88.7	89.3	89.6	89.8
IV 1800	.1	67.4	74.2	78.1	82.1	83.3	85.2	86.8	87.4	87.9	88.4	88.5	89.3	89.8	90.1	90.4
IV 1500	.1	67.9	74.8	78.8	83.0	84.2	86.0	87.6	88.3	88.7	89.3	89.4	90.1	90.7	91.0	91.2
IV 1200	.1	68.5	75.4	79.5	83.9	85.0	86.9	88.5	89.2	89.6	90.1	90.2	91.0	91.5	91.9	92.1
IV 1000	.1	68.8	75.7	80.1	84.5	85.9	87.9	89.5	90.1	90.6	91.1	91.2	92.0	92.5	92.8	93.1
IV 900	.1	69.3	76.3	80.8	85.4	86.8	88.7	90.4	91.0	91.4	92.0	92.1	92.8	93.4	93.7	93.9
IV 800	.1	69.3	76.4	81.1	85.8	87.2	89.2	90.9	91.5	92.0	92.5	92.6	93.4	93.9	94.3	94.5
IV 700	.1	69.6	76.7	81.5	86.1	87.5	89.5	91.3	92.0	92.4	93.0	93.1	93.8	94.4	94.7	94.9
IV 600	.1	69.9	77.1	82.0	86.6	88.2	90.2	92.1	92.7	93.2	93.7	93.8	94.6	95.1	95.6	95.8
IV 500	.1	70.1	77.4	82.3	87.2	88.6	90.7	92.5	93.2	93.6	94.1	94.3	95.0	95.6	96.0	96.2
IV 400	.1	70.4	77.8	82.8	87.8	89.3	91.7	93.5	94.1	94.6	95.2	95.3	96.1	96.6	97.1	97.3
IV 300	.1	70.6	78.1	83.1	88.2	89.7	92.1	94.0	94.8	95.4	96.1	96.2	97.1	97.6	98.0	98.3
IV 200	.1	70.6	78.1	83.1	88.2	89.7	92.1	94.4	95.1	96.0	96.7	97.0	97.9	98.6	99.2	99.7
IV 100	.1	70.6	78.1	83.1	88.2	89.7	92.2	94.5	95.2	96.2	97.0	97.2	98.2	98.8	99.5	100.0
IV 0	.1	70.6	78.1	83.1	88.2	89.7	92.2	94.5	95.2	96.2	97.0	97.2	98.2	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

923

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1717 MYRTLE BEACH AFB SC

69-70,73-80

0CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-11 0
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		62.9	64.1	65.4	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000		68.3	69.7	71.0	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 18000		68.5	69.9	71.2	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 16000		68.5	69.9	71.2	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 14000		69.0	70.4	71.7	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 12000		70.8	72.4	73.7	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 10000		74.3	76.1	77.6	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 9000		74.8	76.5	78.0	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 8000		78.1	80.2	81.9	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 7000		79.2	81.3	83.1	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 6000		79.5	81.8	83.5	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000		80.7	83.1	84.8	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 4500		80.8	83.2	84.9	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 4000		81.4	83.9	85.7	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 3500		81.4	84.0	85.8	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3000		81.9	84.8	86.9	87.6	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500		82.3	85.2	87.4	88.0	88.3	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2000		83.1	86.1	88.2	89.1	89.5	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1800		83.4	86.4	88.7	89.5	90.0	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 1500		84.5	87.8	90.1	91.0	91.5	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1200		85.8	89.2	91.7	92.8	93.3	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000		87.4	91.2	93.6	94.7	95.4	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 900		87.8	91.7	94.2	95.3	95.9	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 800		88.3	92.2	94.7	95.8	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700		88.7	92.7	95.1	96.3	97.1	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600		89.0	93.1	95.6	96.9	97.6	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500		89.1	93.4	95.9	97.2	98.0	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		89.3	93.9	96.3	97.8	98.6	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 507

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		66.2	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 20000		74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 18000		75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 16000		75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 14000		76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 12000		78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 10000		81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 9000		82.3	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 8000		84.1	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 7000		86.2	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000		86.7	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 5000		87.7	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 4500		87.8	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000		88.8	89.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500		89.5	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 3000		91.1	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500		91.4	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000		92.2	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1800		92.9	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500		94.4	94.8	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200		95.4	96.1	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1000		95.8	96.9	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900		95.8	96.9	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800		95.8	96.9	97.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700		95.8	97.0	98.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600		95.8	97.2	98.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500		95.9	97.3	98.4	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 400		95.9	97.3	98.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300		95.9	97.3	98.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200		95.9	97.3	98.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100		95.9	97.3	98.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0		95.9	97.3	98.4	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

928

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	63.5	63.9	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 18000 IV 16000	72.3	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 14000 IV 12000	73.1	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 10000 IV 9000	80.3	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 8000 IV 7000	83.3	83.9	83.9	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 6000 IV 5000	86.0	87.1	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 4500 IV 4000	87.5	88.5	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 3500 IV 3000	90.1	91.2	91.4	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2500 IV 2000	92.3	93.7	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1800 IV 1500	93.7	95.4	95.6	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1200 IV 1000	94.7	96.8	97.0	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900 IV 800	95.4	97.4	97.8	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700 IV 600	95.4	97.4	97.8	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 500 IV 400	95.7	98.2	98.7	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300 IV 200	95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100 0	95.7	98.2	98.7	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.1	68.1	69.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 20000	.1	73.8	75.2	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	.1	73.9	75.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000	.1	74.3	75.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 14000	.1	75.4	76.8	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	.1	77.2	78.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	.1	79.2	80.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	.1	79.9	81.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	.1	82.0	83.4	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	.1	83.3	84.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	.1	83.9	85.4	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	.1	85.8	87.3	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4500	.1	86.2	87.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	.1	87.7	89.2	90.5	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	.1	88.5	90.0	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	.1	90.4	91.9	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	.1	91.4	93.2	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	.1	92.7	94.5	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	.1	92.7	94.5	96.0	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	.1	93.1	94.9	96.6	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	.1	93.5	95.4	97.0	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	.1	94.2	96.0	97.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	.1	94.4	96.2	97.8	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	.1	94.5	96.3	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	.1	94.5	96.5	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	.1	94.6	96.6	98.2	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	.1	94.7	96.7	98.4	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	94.8	96.8	98.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE REACH AFB SC

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		71.4	73.0	74.2	74.6	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
		75.4	77.0	78.3	78.7	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3
IV 18000 IV 16000		75.5	77.1	78.5	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5
		75.7	77.4	79.0	79.4	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.0	80.0
IV 14000 IV 12000		76.4	78.1	79.6	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6
		78.0	79.6	81.3	81.7	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3
IV 10000 IV 9000		79.7	81.4	83.1	83.5	83.6	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2
		80.8	82.5	84.2	84.6	84.7	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.3	85.3
IV 8000 IV 7000		83.1	84.8	86.5	86.9	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6
		84.7	86.6	88.3	88.7	88.8	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.4
IV 6000 IV 5000		85.0	86.9	88.6	89.0	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
		86.4	88.3	89.9	90.4	90.5	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0
IV 4500 IV 4000		86.5	88.4	90.0	90.5	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1	91.1
		87.6	89.6	91.3	91.7	91.9	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.5
IV 3500 IV 3000		88.2	90.4	92.0	92.5	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
		89.0	91.3	92.9	93.5	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
IV 2500 IV 2000		89.8	92.0	93.7	94.2	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
		90.6	92.8	94.5	95.0	95.2	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0
IV 1800 IV 1500		90.7	92.9	94.6	95.1	95.3	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1
		91.0	93.2	94.9	95.5	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5
IV 1200 IV 1000		91.9	94.1	95.9	96.6	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7
		92.4	94.6	96.3	97.0	97.2	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
IV 900 IV 800		92.5	94.7	96.5	97.1	97.3	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
		92.8	95.0	96.8	97.5	97.7	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7
IV 700 IV 600		92.9	95.1	96.9	97.7	97.9	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
		93.0	95.2	97.0	97.8	98.0	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
IV 500 IV 400		93.1	95.3	97.1	98.1	98.3	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
		93.1	95.3	97.1	98.1	98.3	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 300 IV 200		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6
		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
IV 100 IV 0		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0
		93.1	95.3	97.1	98.1	98.3	99.1	99.2	99.3	99.6	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	.0	63.4	65.3	66.7	67.6	67.8	68.1	68.4	68.5	68.7	68.8	68.9	69.0	69.1	69.2	69.3
≥ 20000	.0	68.5	70.5	72.0	72.9	73.2	73.5	73.8	73.9	74.1	74.3	74.3	74.4	74.5	74.7	74.8
IV 18000	.0	68.7	70.7	72.2	73.1	73.3	73.7	74.0	74.1	74.3	74.4	74.5	74.6	74.7	74.8	74.9
IV 16000	.0	68.9	70.9	72.4	73.3	73.5	73.9	74.2	74.3	74.5	74.7	74.7	74.8	74.9	75.0	75.1
IV 14000	.0	69.4	71.4	73.0	73.9	74.1	74.5	74.8	74.9	75.1	75.2	75.3	75.4	75.5	75.6	75.7
IV 12000	.0	70.9	73.0	74.6	75.6	75.8	76.1	76.4	76.5	76.8	76.9	76.9	77.1	77.2	77.3	77.4
IV 10000	.0	74.0	76.1	77.8	78.8	79.0	79.4	79.7	79.8	80.0	80.2	80.2	80.3	80.4	80.6	80.7
IV 9000	.0	74.6	76.7	78.4	79.4	79.6	80.0	80.3	80.4	80.7	80.8	80.8	81.0	81.0	81.2	81.3
IV 8000	.0	77.0	79.4	81.2	82.2	82.4	82.8	83.1	83.2	83.5	83.6	83.7	83.8	83.9	84.0	84.1
IV 7000	.0	78.3	80.9	82.7	83.7	83.9	84.3	84.7	84.8	85.0	85.2	85.2	85.3	85.4	85.6	85.7
IV 6000	.0	78.7	81.3	83.2	84.2	84.4	84.9	85.2	85.3	85.6	85.7	85.7	85.9	86.0	86.1	86.2
IV 5000	.0	80.1	82.7	84.6	85.7	85.9	86.3	86.6	86.7	87.0	87.2	87.2	87.3	87.4	87.5	87.7
IV 4500	.0	80.2	82.9	84.8	85.9	86.1	86.5	86.8	87.0	87.4	87.4	87.4	87.4	87.5	87.6	87.7
IV 4000	.0	81.3	84.0	85.9	87.1	87.4	87.8	88.2	88.3	88.6	88.7	88.7	88.9	89.0	89.1	89.2
IV 3500	.0	81.9	84.7	86.7	87.8	88.2	88.6	89.0	89.1	89.3	89.5	89.5	89.7	89.8	89.9	90.0
IV 3000	.0	83.2	86.2	88.2	89.4	89.8	90.2	90.6	90.7	90.9	91.1	91.1	91.3	91.3	91.5	91.6
IV 2500	.0	83.7	86.8	88.8	90.0	90.4	90.9	91.3	91.4	91.6	91.8	91.8	92.0	92.0	92.2	92.3
IV 2000	.0	84.7	87.8	89.8	91.1	91.5	92.1	92.5	92.6	92.8	93.0	93.0	93.2	93.3	93.4	93.5
IV 1800	.0	84.9	88.0	90.1	91.4	91.8	92.4	92.8	92.9	93.1	93.3	93.3	93.5	93.6	93.7	93.8
IV 1500	.0	85.5	88.7	90.8	92.2	92.6	93.1	93.5	93.6	93.9	94.0	94.1	94.2	94.3	94.4	94.6
IV 1200	.0	86.4	89.7	91.9	93.3	93.8	94.4	94.8	94.9	95.1	95.3	95.3	95.5	95.6	95.7	95.8
IV 1000	.0	87.0	90.4	92.7	94.2	94.7	95.3	95.7	95.8	96.1	96.3	96.3	96.5	96.5	96.7	96.8
IV 900	.0	87.3	90.7	93.0	94.6	95.0	95.7	96.1	96.2	96.5	96.6	96.6	96.8	96.8	96.9	97.1
IV 800	.0	87.5	90.9	93.3	94.9	95.4	96.1	96.5	96.6	96.9	97.0	97.0	97.2	97.3	97.4	97.5
IV 700	.0	87.7	91.1	93.5	95.2	95.7	96.4	96.9	97.0	97.2	97.4	97.4	97.6	97.7	97.8	97.9
IV 600	.0	87.8	91.4	93.8	95.6	96.0	96.8	97.2	97.3	97.6	97.8	97.8	97.9	98.0	98.2	98.3
IV 500	.0	88.0	91.6	94.1	95.9	96.4	97.2	97.7	97.8	98.1	98.2	98.2	98.4	98.5	98.6	98.7
IV 400	.0	88.2	91.9	94.4	96.2	96.8	97.7	98.1	98.2	98.5	98.7	98.7	98.9	99.0	99.1	99.2
IV 300	.0	88.2	91.9	94.4	96.3	96.9	97.8	98.3	98.4	98.8	98.9	99.0	99.2	99.3	99.4	99.5
IV 200	.0	88.2	91.9	94.4	96.3	96.9	97.8	98.3	98.5	98.9	99.1	99.2	99.4	99.5	99.7	99.9
IV 100	.0	88.2	91.9	94.4	96.4	96.9	97.9	98.4	98.6	99.0	99.2	99.2	99.5	99.6	99.7	100.0
IV 0	.0	88.2	91.9	94.4	96.4	96.9	97.9	98.4	98.6	99.0	99.2	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7215

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,74-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000		62.0 64.8	64.6 67.4	65.9 68.8	67.5 70.4	67.5 70.4	68.5 71.4	69.0 71.9	69.1 72.0	69.3 72.2	69.6 72.7	69.6 72.7	70.0 73.1	70.0 73.1	70.1 73.2	70.4 73.5
IV 18000 16000		64.8 64.9	67.4 67.7	68.8 69.0	70.4 70.6	70.4 70.6	71.4 71.6	71.9 72.1	72.0 72.2	72.2 72.5	72.7 73.0	72.7 73.0	73.1 73.3	73.1 73.3	73.2 73.5	73.5 73.7
IV 14000 12000		65.2 65.2	67.9 69.0	69.3 70.4	70.9 72.0	70.9 72.0	71.9 73.0	72.3 73.5	72.5 73.6	72.7 73.8	73.2 74.3	73.2 74.3	73.6 74.7	73.6 74.7	73.7 74.8	74.0 75.1
IV 10000 9000		68.4 68.8	71.1 71.3	72.6 73.0	74.2 74.6	74.2 74.6	75.2 75.6	75.7 76.0	75.8 76.2	76.0 76.4	76.5 76.9	76.5 76.9	76.9 77.3	76.9 77.3	77.0 77.4	77.3 77.7
IV 8000 7000		72.1 72.5	74.4 75.2	76.3 76.7	78.0 78.5	78.0 78.5	79.0 79.5	79.5 80.0	79.6 80.1	79.9 80.4	80.4 80.9	80.4 80.9	80.7 81.2	80.7 81.2	80.9 81.4	81.1 81.6
IV 6000 5000		73.3 74.8	76.0 77.7	77.5 79.1	79.5 81.1	79.5 81.1	80.5 82.1	81.0 82.6	81.1 82.7	81.4 83.0	81.9 83.5	81.9 83.5	82.2 83.8	82.2 83.8	82.3 84.0	82.6 84.2
IV 4500 4000		75.1 76.8	77.6 79.6	79.4 81.4	81.4 83.3	81.4 83.3	82.3 84.3	82.8 84.8	83.0 84.9	83.2 85.2	83.7 85.7	83.7 85.7	84.1 86.0	84.1 86.0	84.2 86.2	84.4 86.4
IV 3500 3000		77.2 77.8	80.0 80.6	81.7 82.5	83.7 84.6	83.7 84.6	84.7 85.6	85.2 86.0	85.3 86.2	85.6 86.4	86.0 86.9	86.0 86.9	86.4 87.3	86.4 87.3	86.5 87.4	86.8 87.7
IV 2500 2000		78.4 79.1	81.2 82.0	83.1 83.8	85.3 86.0	85.3 86.0	86.3 87.0	86.8 87.5	86.9 87.7	87.2 87.9	87.7 88.4	87.7 88.4	88.0 88.8	88.0 88.8	88.1 88.9	88.4 89.1
IV 1800 1500		79.3 79.9	82.2 83.0	84.1 84.8	86.3 87.2	86.3 87.2	87.3 88.4	87.8 88.9	87.9 89.0	88.1 89.3	88.6 89.8	88.6 89.8	89.0 90.1	89.0 90.1	89.1 90.2	89.4 90.5
IV 1200 1000		80.0 80.4	83.2 83.6	85.1 85.4	87.4 87.8	87.4 87.8	88.8 89.1	89.3 89.6	89.4 89.8	89.6 90.0	90.1 90.5	90.1 90.5	90.5 90.9	90.5 90.9	90.6 91.0	90.9 91.2
IV 900 800		81.1 81.6	84.3 84.9	86.2 86.9	88.6 89.5	88.6 89.5	90.0 90.9	90.5 91.4	90.6 91.5	90.9 91.7	91.4 92.2	91.4 92.2	91.7 92.6	91.7 92.6	91.9 92.7	92.1 93.0
IV 700 600		81.7 82.5	85.3 86.0	87.5 88.4	90.1 91.2	90.1 91.4	91.5 92.7	92.0 93.2	92.1 93.3	92.3 93.6	92.8 94.1	92.8 94.1	93.2 94.4	93.2 94.4	93.3 94.6	93.6 94.8
IV 500 400		83.0 83.2	86.7 86.9	89.1 89.4	92.3 93.0	92.5 93.1	94.0 94.7	94.4 95.2	94.6 95.3	94.8 95.6	95.3 96.0	95.3 96.0	95.7 96.4	95.7 96.4	95.8 96.5	96.0 96.8
IV 300 200		83.3 83.3	87.2 87.2	89.6 89.8	93.2 93.3	93.3 93.5	95.2 95.3	96.0 96.4	96.2 96.5	96.4 96.9	96.9 97.7	96.9 97.7	97.4 98.3	97.4 98.5	97.5 98.8	97.8 99.0
IV 100 0		83.3 83.3	87.2 87.2	89.6 89.8	93.3 93.3	93.5 93.5	95.3 95.3	96.7 96.7	96.8 96.8	97.2 97.2	97.9 97.9	97.9 97.9	98.6 98.6	98.6 98.6	99.1 99.6	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,74-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

J300-0500
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		67.5	62.5	64.2	66.5	66.7	67.3	68.1	68.1	68.4	68.4	68.4	68.6	68.8	69.1	69.3	
IV 20000		62.3	64.4	66.3	69.0	69.1	69.8	70.6	70.6	70.9	70.9	70.9	71.1	71.2	71.6	71.7	
IV 18000		62.3	64.6	66.4	69.1	69.3	69.9	70.7	70.7	71.0	71.0	71.0	71.2	71.4	71.7	71.9	
IV 16000		62.3	64.6	66.4	69.1	69.3	69.9	70.7	70.7	71.0	71.0	71.0	71.2	71.4	71.7	71.9	
IV 14000		62.3	64.6	66.4	69.1	69.3	69.9	70.7	70.7	71.0	71.0	71.0	71.2	71.4	71.7	71.9	
IV 12000		63.7	66.0	67.9	70.6	70.7	71.4	72.2	72.2	72.5	72.5	72.5	72.7	72.8	73.2	73.3	
IV 10000		65.4	67.8	69.6	72.3	72.5	73.1	74.0	74.0	74.2	74.2	74.2	74.4	74.6	75.1	75.2	
IV 9000		65.6	67.9	69.8	72.5	72.6	73.2	74.1	74.1	74.3	74.3	74.3	74.6	74.7	75.2	75.3	
IV 8000		67.7	70.1	72.0	74.8	74.9	75.6	76.5	76.5	76.8	76.8	76.8	77.0	77.2	77.7	77.8	
IV 7000		67.9	70.5	72.3	75.2	75.3	75.9	76.9	76.9	77.2	77.2	77.2	77.4	77.5	78.0	78.1	
IV 6000		69.5	72.2	74.1	76.9	77.0	77.7	78.6	78.6	78.9	78.9	78.9	79.1	79.3	79.8	79.9	
IV 5000		71.4	74.1	75.9	78.8	78.9	79.5	80.5	80.5	80.9	80.9	80.9	81.2	81.4	81.9	82.0	
IV 4500		71.4	74.1	75.9	78.8	78.9	79.5	80.5	80.5	80.9	80.9	80.9	81.2	81.4	81.9	82.0	
IV 4000		73.2	76.0	78.0	80.9	81.0	81.6	82.7	82.7	83.1	83.1	83.1	83.5	83.6	84.1	84.2	
IV 3500		73.3	76.3	78.3	81.1	81.2	81.9	83.0	83.0	83.3	83.3	83.3	83.7	83.8	84.3	84.4	
IV 3000		74.3	77.7	79.9	82.7	82.8	83.5	84.6	84.6	84.9	84.9	84.9	85.3	85.4	85.9	86.0	
IV 2500		74.8	78.4	80.7	83.6	83.7	84.3	85.4	85.4	85.8	85.8	85.8	86.2	86.3	86.8	86.9	
IV 2000		75.8	79.5	82.2	85.1	85.2	85.9	87.0	87.0	87.4	87.4	87.4	87.8	87.9	88.4	88.5	
IV 1800		75.8	79.5	82.2	85.1	85.2	85.9	87.0	87.0	87.4	87.4	87.4	87.8	87.9	88.4	88.5	
IV 1500		76.3	80.1	82.8	85.7	85.8	86.5	87.7	87.7	88.0	88.0	88.0	88.4	88.5	89.0	89.1	
IV 1200		77.0	80.9	83.6	86.4	86.5	87.3	88.4	88.4	88.8	88.8	88.8	89.1	89.3	89.8	89.9	
IV 1000		77.3	81.2	84.0	86.8	86.9	87.9	89.0	89.0	89.4	89.4	89.4	89.8	89.9	90.4	90.5	
IV 900		77.4	81.2	84.1	86.9	87.0	88.1	89.3	89.3	89.6	89.6	89.6	90.0	90.1	90.6	90.7	
IV 800		78.0	81.9	84.7	87.5	87.7	88.9	90.0	90.0	90.4	90.4	90.4	90.7	90.9	91.4	91.5	
IV 700		78.4	82.2	85.1	87.9	88.1	89.4	90.5	90.5	90.9	90.9	90.9	91.2	91.4	91.9	92.0	
IV 600		78.6	82.6	85.4	88.6	88.9	90.1	91.2	91.2	91.6	91.6	91.6	92.0	92.1	92.6	92.7	
IV 500		79.3	83.3	86.4	89.9	90.4	92.1	93.2	93.3	93.7	93.7	93.7	94.1	94.2	94.7	94.8	
IV 400		79.8	83.7	86.9	90.4	91.2	93.3	94.4	94.6	95.1	95.1	95.1	95.4	95.6	96.0	96.2	
IV 300		80.2	84.3	87.7	91.5	92.3	94.7	95.8	95.9	96.5	96.8	96.8	97.3	97.4	97.9	98.0	
IV 200		80.2	84.3	87.7	91.5	92.3	94.7	96.0	96.2	97.3	97.8	97.8	98.3	98.4	98.9	99.0	
IV 100		80.2	84.3	87.7	91.5	92.3	94.8	96.3	96.4	97.7	98.1	98.1	98.6	99.1	99.6	99.9	
IV 0		80.2	84.3	87.7	91.5	92.3	94.8	96.3	96.4	97.7	98.1	98.1	98.6	99.1	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS

810

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717 MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		50.3	55.5	57.9	59.8	60.3	60.7	61.6	61.7	62.1	62.8	62.8	63.0	63.0	63.3	64.1
≥ 20000		53.8	59.4	62.3	64.3	64.8	65.2	66.3	66.4	66.8	67.5	67.5	67.7	67.7	68.0	68.9
≥ 18000		53.8	59.4	62.4	64.4	64.9	65.3	66.4	66.6	66.9	67.6	67.6	67.8	67.8	68.2	69.0
≥ 16000		53.9	59.5	62.5	64.5	65.1	65.4	66.6	66.7	67.0	67.7	67.7	67.9	67.9	68.3	69.1
≥ 14000		54.0	59.8	62.8	64.7	65.3	65.6	66.8	66.9	67.2	67.9	67.9	68.2	68.2	68.5	69.3
≥ 12000		55.2	61.3	64.4	66.4	67.0	67.4	68.5	68.6	69.0	69.7	69.7	69.9	69.9	70.2	71.0
≥ 10000		57.1	63.4	66.6	68.7	69.3	69.7	70.8	70.9	71.3	72.0	72.0	72.2	72.2	72.5	73.3
≥ 9000		57.7	64.1	67.2	69.4	70.0	70.3	71.5	71.6	72.0	72.6	72.6	72.9	72.9	73.2	74.0
≥ 8000		61.0	67.6	70.8	73.2	73.8	74.3	75.5	75.7	76.1	76.8	76.8	77.0	77.0	77.4	78.2
≥ 7000		61.5	68.0	71.3	73.8	74.4	75.1	76.3	76.6	76.9	77.6	77.6	77.8	77.8	78.2	79.0
≥ 6000		62.5	69.2	72.4	74.9	75.5	76.2	77.5	77.7	78.0	78.7	78.7	79.0	79.0	79.3	80.1
≥ 5000		62.6	69.3	72.6	75.2	75.9	76.6	77.8	78.0	78.4	79.1	79.1	79.3	79.3	79.7	80.5
≥ 4500		62.8	69.5	72.9	75.4	76.1	76.9	78.2	78.4	78.7	79.4	79.4	79.7	79.7	80.0	80.8
≥ 4000		64.7	71.8	75.3	77.8	78.6	79.4	80.7	80.9	81.3	82.0	82.0	82.2	82.2	82.5	83.3
≥ 3500		65.3	72.6	76.1	78.6	79.4	80.2	81.5	81.7	82.1	82.8	82.8	83.0	83.0	83.3	84.1
≥ 3000		66.1	73.6	77.0	79.7	80.5	81.3	82.5	82.8	83.1	83.8	83.8	84.0	84.0	84.4	85.2
≥ 2500		66.4	73.9	77.6	80.2	81.0	81.8	83.1	83.3	83.7	84.4	84.4	84.6	84.6	84.9	85.7
≥ 2000		67.6	75.3	79.1	82.0	82.8	83.6	84.9	85.2	85.5	86.2	86.2	86.4	86.4	86.8	87.6
≥ 1800		67.9	75.5	79.3	82.3	83.1	83.9	85.4	85.6	86.0	86.7	86.7	86.9	86.9	87.2	88.0
≥ 1500		67.9	75.7	79.5	82.5	83.3	84.1	85.6	85.9	86.2	86.9	86.9	87.1	87.1	87.5	88.3
≥ 1200		68.4	76.3	80.2	83.3	84.1	85.1	86.7	86.9	87.2	87.9	87.9	88.2	88.2	88.5	89.3
≥ 1000		68.7	76.7	80.6	83.8	84.6	85.5	87.1	87.4	87.7	88.4	88.4	88.6	88.6	89.0	89.8
≥ 900		69.1	77.0	80.9	84.1	84.9	85.9	87.5	87.7	88.0	88.7	88.7	89.0	89.0	89.3	90.1
≥ 800		69.7	77.6	81.5	84.7	85.5	86.4	88.0	88.3	88.6	89.3	89.3	89.5	89.5	89.9	90.7
≥ 700		69.8	77.8	81.7	84.9	85.7	86.7	88.3	88.5	88.9	89.5	89.5	89.8	89.8	90.1	90.9
≥ 600		70.7	78.7	82.8	86.1	86.9	87.9	89.7	89.9	90.2	90.9	90.9	91.1	91.1	91.5	92.3
≥ 500		71.4	79.9	83.9	87.4	88.3	90.0	92.0	92.3	92.8	93.4	93.4	93.7	93.7	94.0	94.8
≥ 400		71.5	80.1	84.3	87.9	89.0	90.8	92.9	93.3	93.8	94.6	94.6	94.8	94.8	95.3	96.1
≥ 300		71.7	80.5	84.6	88.4	89.7	91.5	94.0	94.6	95.3	96.2	96.2	96.6	96.6	97.0	97.8
≥ 200		71.8	80.6	84.7	88.5	89.8	91.7	94.6	95.2	96.0	97.2	97.4	97.8	97.8	98.5	99.7
≥ 100		71.8	80.6	84.7	88.5	89.8	91.7	94.6	95.2	96.1	97.5	97.6	98.0	98.0	98.7	100.0
≥ 0		71.8	80.6	84.7	88.5	89.8	91.7	94.6	95.2	96.1	97.5	97.6	98.0	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 870

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

8900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000	60.3	62.4	63.1	63.3	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 18000	64.7	66.9	67.6	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 16000	64.8	67.0	67.7	67.9	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 14000	65.1	67.3	68.0	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000	65.8	68.1	68.8	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000	67.9	70.3	71.0	71.2	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	70.0	72.6	73.2	73.4	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	70.8	73.3	74.0	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	72.9	75.4	76.3	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000	74.2	76.8	77.8	78.1	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	75.1	77.8	78.9	79.3	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	76.2	79.1	80.2	80.7	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4000	76.7	79.7	80.8	81.2	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	78.2	81.2	82.3	82.8	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	79.2	82.3	83.4	84.0	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	79.9	83.0	84.3	85.1	85.3	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2000	80.4	83.8	85.1	85.9	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1800	81.6	85.0	86.4	87.2	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
≥ 1500	81.8	85.2	86.7	87.4	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1200	82.2	85.9	87.3	88.1	88.3	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 1000	83.2	87.1	88.7	89.6	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 900	83.9	87.9	89.7	90.7	91.0	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7
≥ 800	84.2	88.4	90.2	91.2	91.6	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 700	85.3	89.7	91.4	92.6	93.1	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
≥ 600	85.6	90.1	91.9	93.1	93.8	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 500	86.2	91.1	93.0	94.2	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 400	86.3	91.2	93.1	94.7	95.3	95.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 300	86.3	91.2	93.3	95.0	95.7	96.3	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 200	86.3	91.3	93.6	95.2	96.1	97.1	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
≥ 100	86.4	91.6	93.8	95.4	96.3	97.3	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0	86.4	91.6	93.8	95.4	96.3	97.3	99.1	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	.1	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 18000	.1	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 16000	.1	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 14000	.1	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 12000	.1	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 10000	.1	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 9000	.1	75.9	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	.1	76.3	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 7000	.1	80.7	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 6000	.1	81.9	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 5000	.1	82.8	83.4	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 4500	.1	83.8	84.7	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4000	.1	84.4	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3500	.1	85.4	86.3	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3000	.1	85.8	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2500	.1	86.9	88.0	88.1	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2000	.1	87.7	88.9	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1800	.1	88.1	89.4	89.7	90.1	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1500	.1	88.8	90.3	90.3	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1200	.1	89.1	90.6	90.8	91.3	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	.1	90.0	91.6	91.9	92.4	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 900	.1	90.8	92.6	92.9	93.4	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	.1	91.3	93.2	93.7	94.2	94.3	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	.1	91.9	94.1	94.6	95.4	95.7	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 600	.1	92.0	94.3	94.9	96.1	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 500	.1	92.2	94.9	95.4	96.7	96.9	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	.1	92.4	95.2	95.8	97.1	97.3	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	.1	92.6	95.3	95.9	97.3	97.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	.1	92.6	95.3	96.1	97.6	98.1	99.3	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	69.1	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 18000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 16000	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 14000	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 12000	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 10000	74.1	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	74.1	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 8000	77.8	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	79.1	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	80.0	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 5000	81.3	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4500	81.9	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	83.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3500	84.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	86.8	87.9	88.0	88.1	88.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2500	87.7	89.2	89.3	89.4	89.4	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 2000	88.8	90.3	90.6	90.7	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1800	89.0	90.7	90.9	91.0	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	90.0	91.9	92.1	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	90.8	92.8	93.0	93.2	93.2	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1000	91.1	93.2	93.8	94.0	94.0	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 900	91.2	93.6	94.1	94.3	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 800	91.2	93.6	94.2	94.6	94.6	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 700	91.3	94.0	94.9	95.4	95.4	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 600	91.4	94.3	95.6	96.1	96.1	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	91.6	94.7	95.9	96.6	96.7	97.2	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 400	91.6	94.8	96.0	96.7	96.8	97.4	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.1	99.1
IV 300	91.6	94.8	96.2	97.1	97.2	98.1	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9
IV 200	91.6	94.8	96.2	97.1	97.2	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 100	91.6	94.8	96.2	97.1	97.2	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0
IV 0	91.6	94.8	96.2	97.1	97.2	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING ≥ 20000		61.8	63.0	63.3	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	64.0	64.0
≥ 18000 IV 16000		69.8	71.0	71.3	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.0	72.0
IV 14000 IV 12000		70.0	71.2	71.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.2	72.2	72.2
IV 10000 IV 9000		70.1	71.3	71.7	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.3	72.3	72.3
IV 8000 IV 7000		70.8	72.0	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0	73.0	73.0
IV 6000 IV 5000		72.0	73.3	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.3	74.3
IV 4500 IV 4000		73.3	74.8	75.1	75.3	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8	75.8	75.8
IV 3500 IV 3000		74.0	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.4	76.4	76.4
IV 2500 IV 2000		77.1	78.6	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.7	79.7	79.7
IV 1800 IV 1500		78.0	79.4	79.9	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.6	80.6	80.6
IV 1200 IV 1000		78.3	79.8	80.2	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.1	81.1	81.1
IV 900 IV 800		78.7	80.1	80.6	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.4	81.4	81.4
IV 700 IV 600		78.9	80.3	80.8	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.7	81.7	81.7
IV 500 IV 400		81.6	83.2	83.8	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.7	84.7	84.7
IV 300 IV 200		82.6	84.2	84.8	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.7	85.7	85.7
IV 100 0		84.1	85.9	86.4	86.9	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.4	87.4	87.4
		85.9	87.8	88.4	89.0	89.0	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.6	89.7	89.7	89.7
		86.9	89.0	89.8	90.4	90.4	90.7	90.9	91.0	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3
		87.1	89.2	90.1	90.9	90.9	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8
		88.0	90.2	91.2	92.0	92.0	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.9	93.0	93.0	93.0
		88.6	91.0	92.1	93.1	93.1	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.4
		89.1	91.7	92.9	94.1	94.1	94.6	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.6	95.6	95.6
		89.1	91.7	93.1	94.3	94.3	94.8	95.2	95.4	95.6	95.6	95.6	95.6	95.7	95.8	95.8	95.8
		89.1	91.7	93.1	94.3	94.4	94.9	95.3	95.7	95.8	95.8	95.8	95.8	95.9	96.0	96.0	96.0
		89.1	91.7	93.4	94.7	95.1	95.6	96.0	96.6	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9
		89.1	91.7	93.7	94.9	95.3	95.8	96.4	97.0	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3
		89.1	92.0	94.1	95.4	95.9	96.6	97.6	98.1	98.2	98.2	98.2	98.2	98.3	98.4	98.4	98.4
		89.2	92.1	94.2	95.7	96.1	96.8	97.8	98.3	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8
		89.2	92.1	94.2	95.7	96.1	97.0	98.1	98.8	99.0	99.0	99.0	99.0	99.2	99.3	99.3	99.3
		89.2	92.1	94.2	95.7	96.1	97.0	98.1	98.8	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.4
		89.2	92.1	94.2	95.7	96.1	97.0	98.1	98.8	99.1	99.1	99.1	99.3	99.4	99.6	99.6	99.6
		89.2	92.1	94.2	95.7	96.1	97.0	98.1	98.8	99.1	99.1	99.1	99.3	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		64.3	66.4	67.7	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.8	69.0	69.1	69.2	69.2	69.2
≥ 20000		68.7	71.0	72.2	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.6	73.7	73.8	73.8	73.8
IV 18000		68.7	71.0	72.2	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.6	73.7	73.8	73.8	73.8
IV 16500		68.7	71.0	72.2	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.6	73.7	73.8	73.8	73.8
IV 14000		69.0	71.3	72.6	73.1	73.2	73.4	73.6	73.6	73.6	73.6	73.7	73.9	74.0	74.1	74.1	74.1
IV 12000		70.2	72.6	73.8	74.3	74.4	74.7	74.8	74.8	74.8	74.8	74.9	75.1	75.2	75.3	75.3	75.3
IV 10000		71.8	74.1	75.3	75.9	76.0	76.2	76.3	76.3	76.3	76.3	76.4	76.7	76.8	76.9	76.9	76.9
IV 9000		72.7	75.0	76.2	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.6	77.7	77.8	77.8	77.8
IV 8000		75.3	77.9	79.2	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.3	80.6	80.7	80.8	80.8	80.8
IV 7000		75.8	78.4	79.8	80.3	80.4	80.7	80.8	80.8	80.8	80.8	80.9	81.1	81.2	81.3	81.3	81.3
IV 6000		76.2	78.9	80.2	80.8	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.6	81.7	81.8	81.8	81.8
IV 5000		77.9	80.6	81.9	82.4	82.6	82.8	82.9	82.9	82.9	82.9	83.0	83.2	83.3	83.4	83.4	83.4
IV 4500		78.2	80.9	82.2	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.3	83.6	83.7	83.8	83.8	83.8
IV 4000		79.8	82.4	83.8	84.3	84.4	84.7	84.8	84.8	84.8	84.8	84.9	85.1	85.2	85.3	85.3	85.3
IV 3500		81.3	84.0	85.3	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.7	86.8	86.9	86.9	86.9
IV 3000		82.4	85.2	86.6	87.1	87.2	87.4	87.6	87.6	87.6	87.6	87.7	87.9	88.0	88.1	88.1	88.1
IV 2500		82.9	85.7	87.1	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.6	88.8	88.9	89.0	89.0	89.0
IV 2000		84.2	87.0	88.4	89.3	89.4	89.7	89.8	89.8	89.8	89.8	89.9	90.1	90.2	90.3	90.3	90.3
IV 1800		84.4	87.2	88.7	89.6	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.3	90.4	90.6	90.6	90.6
IV 1500		84.9	87.8	89.4	90.3	90.4	90.7	90.8	90.8	90.8	90.9	91.0	91.2	91.3	91.4	91.4	91.4
IV 1200		85.9	88.9	90.6	91.4	91.6	91.8	91.9	92.0	92.0	92.1	92.2	92.4	92.6	92.7	92.7	92.7
IV 1000		86.6	89.6	91.2	92.1	92.2	92.4	92.6	92.7	92.7	92.8	92.9	93.1	93.2	93.3	93.3	93.3
IV 900		86.7	89.7	91.6	92.6	92.7	92.9	93.1	93.2	93.2	93.3	93.4	93.7	93.8	93.9	93.9	93.9
IV 800		86.8	89.8	91.7	92.8	92.9	93.1	93.6	93.7	93.8	93.9	94.1	94.2	94.3	94.3	94.3	94.3
IV 700		86.9	90.0	91.9	93.0	93.1	93.3	93.8	93.9	94.0	94.2	94.4	94.6	94.7	94.7	94.7	94.7
IV 600		87.2	90.4	92.7	93.9	94.0	94.2	94.7	94.8	94.9	95.1	95.3	95.4	95.6	95.6	95.6	95.6
IV 500		87.3	90.7	93.1	94.6	94.7	94.9	95.3	95.6	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3
IV 400		87.6	91.2	93.7	95.3	95.4	96.0	96.6	97.0	97.1	97.3	97.6	97.7	97.8	97.8	97.8	97.8
IV 300		87.7	91.4	94.0	95.7	95.8	96.4	97.1	97.7	97.9	98.1	98.3	98.4	98.6	98.6	98.6	98.7
IV 200		87.7	91.4	94.0	95.7	95.8	96.6	97.2	97.8	98.2	98.6	98.8	98.9	99.0	99.0	99.0	99.3
IV 100		87.7	91.4	94.0	95.7	95.8	96.6	97.2	97.8	98.2	98.6	98.8	99.0	99.1	99.3	99.7	99.7
IV 0		87.7	91.4	94.0	95.7	95.8	96.6	97.2	97.8	98.2	98.6	98.8	99.0	99.1	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

69-70,73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.0	60.7	62.7	63.6	64.4	64.5	64.8	65.2	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.9
≥ 20000	.0	65.6	67.7	68.7	69.6	69.7	70.0	70.3	70.3	70.4	70.6	70.6	70.7	70.8	70.9	71.0
IV 18000	.0	65.7	67.8	68.8	69.7	69.8	70.1	70.5	70.5	70.6	70.8	70.8	70.9	70.9	71.1	71.2
IV 16000	.0	65.9	68.0	69.0	69.9	70.0	70.3	70.6	70.7	70.8	70.9	70.9	71.1	71.1	71.2	71.4
IV 14000	.0	66.3	68.4	69.5	70.3	70.5	70.8	71.1	71.1	71.2	71.4	71.4	71.5	71.6	71.7	71.8
IV 12000	.0	67.7	70.0	71.0	71.9	72.0	72.3	72.7	72.7	72.8	72.9	73.0	73.1	73.1	73.2	73.4
IV 10000	.0	69.6	72.0	73.0	74.0	74.1	74.4	74.7	74.7	74.8	75.0	75.0	75.2	75.2	75.3	75.5
IV 9000	.0	70.1	72.5	73.5	74.5	74.6	74.9	75.2	75.3	75.4	75.5	75.5	75.7	75.7	75.8	76.0
IV 8000	.0	73.2	75.7	76.8	77.8	77.9	78.2	78.6	78.6	78.7	78.9	78.9	79.0	79.1	79.2	79.4
IV 7000	.0	74.0	76.5	77.6	78.7	78.8	79.1	79.5	79.5	79.6	79.8	79.8	79.9	80.0	80.1	80.3
IV 6000	.0	74.9	77.4	78.6	79.7	79.8	80.1	80.5	80.6	80.7	80.9	80.8	81.0	81.0	81.1	81.3
IV 5000	.0	76.0	78.6	79.8	81.0	81.0	81.4	81.7	81.8	81.9	82.0	82.1	82.2	82.2	82.4	82.5
IV 4500	.0	76.3	78.9	80.1	81.2	81.4	81.7	82.1	82.1	82.3	82.4	82.4	82.6	82.6	82.7	82.9
IV 4000	.0	78.0	80.8	82.0	83.1	83.3	83.7	84.0	84.1	84.2	84.4	84.4	84.5	84.6	84.7	84.8
IV 3500	.0	78.8	81.6	82.9	84.0	84.2	84.6	84.9	85.0	85.1	85.3	85.3	85.4	85.5	85.6	85.7
IV 3000	.0	79.9	82.9	84.2	85.4	85.6	86.0	86.4	86.5	86.6	86.7	86.8	86.9	86.9	87.1	87.2
IV 2500	.0	80.7	83.7	85.2	86.4	86.6	87.0	87.5	87.5	87.6	87.8	87.8	88.0	88.0	88.1	88.3
IV 2000	.0	81.7	84.8	86.4	87.7	87.9	88.3	88.8	88.8	89.0	89.1	89.1	89.3	89.3	89.5	89.6
IV 1800	.0	81.9	85.1	86.7	88.0	88.2	88.6	89.1	89.2	89.3	89.4	89.5	89.6	89.6	89.8	89.9
IV 1500	.0	82.5	85.8	87.4	88.8	88.9	89.4	89.9	90.0	90.1	90.3	90.3	90.4	90.5	90.6	90.7
IV 1200	.0	83.2	86.6	88.3	89.7	89.9	90.4	91.0	91.1	91.2	91.4	91.4	91.5	91.6	91.7	91.8
IV 1000	.0	83.7	87.2	88.9	90.4	90.6	91.2	91.8	91.9	92.0	92.2	92.2	92.3	92.4	92.5	92.7
IV 900	.0	83.9	87.6	89.4	90.9	91.1	91.7	92.3	92.4	92.6	92.7	92.7	92.9	92.9	93.1	93.2
IV 800	.0	84.4	88.1	89.9	91.5	91.8	92.4	93.1	93.2	93.3	93.5	93.5	93.7	93.7	93.8	94.0
IV 700	.0	84.5	88.3	90.3	92.0	92.2	92.9	93.6	93.7	93.8	94.0	94.0	94.2	94.2	94.4	94.5
IV 600	.0	84.9	88.9	91.0	92.8	93.1	93.8	94.5	94.7	94.8	95.0	95.1	95.2	95.2	95.4	95.5
IV 500	.0	85.2	89.3	91.5	93.5	93.9	94.8	95.7	95.9	96.1	96.2	96.3	96.4	96.4	96.6	96.7
IV 400	.0	85.3	89.6	91.8	94.0	94.4	95.5	96.5	96.8	97.0	97.2	97.3	97.4	97.4	97.6	97.7
IV 300	.0	85.5	89.8	92.1	94.4	94.9	96.2	97.4	97.6	97.9	98.2	98.3	98.4	98.5	98.7	98.8
IV 200	.0	85.5	89.8	92.2	94.4	95.0	96.3	97.6	97.9	98.3	98.7	98.8	99.0	99.1	99.3	99.6
IV 100	.0	85.5	89.8	92.2	94.4	95.0	96.3	97.7	97.9	98.4	98.9	98.9	99.2	99.3	99.6	99.9
IV 0	.0	85.5	89.8	92.2	94.4	95.0	96.3	97.7	97.9	98.4	98.9	98.9	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6490

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17717

MYRTLE BEACH AFB SC

69-70, 74-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		61.2	62.7	63.6	63.9	64.0	64.0	64.3	64.3	64.4	64.5	64.5	64.9	65.1	65.6	65.7
≥ 20000		63.6	65.1	65.9	66.3	66.4	66.4	66.7	66.7	66.8	66.9	66.9	67.3	67.5	68.0	68.1
IV 18000		63.7	65.2	66.1	66.4	66.5	66.5	66.8	66.8	66.9	67.0	67.0	67.4	67.6	68.1	68.2
IV 16000		63.9	65.5	66.3	66.7	66.8	66.8	67.0	67.0	67.1	67.3	67.3	67.6	67.9	68.3	68.5
IV 14000		64.8	66.3	67.1	67.5	67.6	67.6	67.9	67.9	68.0	68.1	68.1	68.5	68.7	69.2	69.3
IV 12000		66.4	68.0	68.8	69.2	69.3	69.3	69.5	69.5	69.7	69.8	69.8	70.1	70.4	70.8	71.0
IV 10000		68.1	69.7	70.5	70.8	71.0	71.0	71.2	71.2	71.3	71.4	71.4	71.8	72.0	72.5	72.6
IV 9000		68.6	70.1	71.0	71.4	71.6	71.6	71.8	71.9	72.0	72.2	72.2	72.5	72.8	73.2	73.4
IV 8000		69.1	70.7	71.6	72.0	72.2	72.2	72.4	72.5	72.6	72.8	72.8	73.1	73.4	73.8	74.0
IV 7000		71.2	73.0	73.8	74.3	74.4	74.4	74.7	74.8	74.9	75.0	75.0	75.4	75.6	76.1	76.2
IV 6000		71.9	73.7	74.6	75.0	75.1	75.1	75.4	75.5	75.6	75.7	75.7	76.1	76.3	76.8	76.9
IV 5000		73.0	75.0	76.0	76.5	76.6	76.7	76.9	77.1	77.2	77.3	77.3	77.7	77.9	78.4	78.5
IV 4500		73.4	75.4	76.3	76.8	76.9	77.1	77.3	77.4	77.5	77.7	77.7	78.0	78.3	78.7	78.9
IV 4000		75.1	77.4	78.9	79.3	79.5	79.7	79.9	80.0	80.2	80.3	80.3	80.6	80.9	81.4	81.5
IV 3500		76.7	79.0	80.4	80.9	81.0	81.2	81.5	81.6	81.7	81.8	81.8	82.2	82.4	82.9	83.0
IV 3000		77.9	80.3	81.8	82.4	82.6	82.8	83.0	83.2	83.3	83.4	83.4	83.9	84.1	84.6	84.7
IV 2500		78.3	80.6	82.2	82.8	82.9	83.2	83.4	83.5	83.6	83.8	83.8	84.2	84.5	84.9	85.1
IV 2000		79.8	82.2	83.8	84.5	84.6	84.8	85.1	85.2	85.3	85.4	85.4	85.9	86.1	86.6	86.7
IV 1800		80.2	82.6	84.1	84.8	84.9	85.2	85.4	85.5	85.7	85.8	85.8	86.3	86.5	87.0	87.1
IV 1500		80.6	83.2	84.7	85.4	85.5	85.8	86.0	86.1	86.3	86.4	86.4	87.0	87.2	87.7	87.8
IV 1200		82.7	85.2	86.9	87.6	87.7	87.9	88.2	88.3	88.4	88.5	88.5	89.1	89.4	89.8	90.0
IV 1000		83.9	86.7	87.8	88.6	88.8	89.0	89.2	89.4	89.5	89.6	89.6	90.2	90.4	90.9	91.0
IV 900		83.9	86.4	88.2	89.0	89.1	89.6	89.8	90.0	90.1	90.2	90.2	90.8	91.0	91.5	91.6
IV 800		84.9	87.0	88.9	89.8	90.0	90.4	90.7	90.8	90.9	91.0	91.0	91.8	92.0	92.5	92.6
IV 700		84.8	87.5	89.5	90.4	90.6	91.2	91.4	91.5	91.8	91.9	91.9	92.6	92.8	93.3	93.4
IV 600		84.9	87.9	90.2	91.4	91.5	92.1	92.6	92.7	93.0	93.1	93.1	93.8	94.0	94.5	94.6
IV 500		85.4	88.4	91.2	93.1	93.2	93.8	94.3	94.4	94.6	94.9	94.9	95.6	95.8	96.4	96.5
IV 400		85.7	88.8	91.6	93.5	93.7	94.4	94.9	95.1	95.3	95.7	95.7	96.4	96.7	97.3	97.4
IV 300		85.9	89.0	91.9	93.8	93.9	94.6	95.3	95.9	96.2	96.7	96.7	97.4	97.6	98.2	98.3
IV 200		85.9	89.0	92.1	94.1	94.3	95.0	95.8	96.5	96.9	97.4	97.4	98.6	98.8	99.4	99.6
IV 100		85.9	89.0	92.1	94.1	94.3	95.0	95.8	96.7	97.1	97.7	97.7	98.9	99.2	99.8	100.0
IV 0		85.9	89.0	92.1	94.1	94.3	95.0	95.8	96.7	97.1	97.7	97.7	98.9	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,74-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		67.3	62.5	63.0	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.8	63.8	63.8	63.8	64.7	64.2
IV 18000 16000		64.0	66.2	66.7	66.9	66.9	67.1	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.0	68.1
IV 14000 12000		65.1	67.3	67.7	68.0	68.0	68.2	68.5	68.5	68.5	68.5	68.8	68.8	68.8	68.8	69.1	69.2
IV 10000 9000		67.9	70.0	70.5	70.7	70.7	71.0	71.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.8	71.9
IV 8000 7000		69.9	72.0	72.5	72.8	72.8	73.0	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.8	74.0
IV 6000 5000		71.7	74.0	74.6	74.8	74.8	75.0	75.3	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.9	76.0
IV 4500 4000		73.1	75.6	76.3	76.6	76.6	76.8	77.2	77.2	77.2	77.2	77.5	77.5	77.5	77.5	77.8	77.9
IV 3500 3000		75.0	77.8	78.9	79.2	79.3	79.7	80.0	80.0	80.0	80.0	80.4	80.4	80.4	80.4	80.6	80.8
IV 2500 2000		77.1	79.9	81.1	81.5	81.6	82.0	82.3	82.3	82.3	82.3	82.7	82.7	82.7	82.7	82.9	83.0
IV 1800 1500		78.6	81.7	83.0	83.6	83.8	84.1	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8	85.1	85.2
IV 1200 1000		80.3	83.6	85.2	85.8	85.9	86.4	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.3	87.5
IV 900 800		82.1	85.4	87.1	87.9	88.1	88.5	88.9	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.5	89.6
IV 700 600		83.0	86.7	88.6	89.7	90.0	90.7	91.4	91.4	91.4	91.4	91.9	91.9	91.9	91.9	92.1	92.2
IV 500 400		84.7	88.9	91.2	92.7	93.0	93.8	94.5	94.5	94.5	94.5	95.0	95.0	95.0	95.0	95.2	95.3
IV 300 200		85.3	89.6	92.8	94.7	95.0	96.1	97.0	97.5	97.5	97.5	98.0	98.0	98.0	98.0	98.2	98.3
IV 100 0		85.3	89.6	93.0	95.0	95.2	96.5	97.5	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.7	98.9
		85.3	89.6	93.0	95.0	95.2	96.5	97.5	98.0	98.0	98.0	98.6	98.6	98.6	98.6	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		55.7	58.0	58.5	58.7	58.8	59.1	59.4	59.4	59.7	60.0	60.0	60.2	60.2	60.3	60.4
≥ 20000		59.2	61.5	62.1	62.5	62.6	63.0	63.6	63.6	64.0	64.2	64.2	64.4	64.4	64.5	64.6
IV 18000		59.3	61.6	62.2	62.6	62.7	63.1	63.7	63.7	64.1	64.3	64.3	64.5	64.5	64.6	64.7
IV 16000		59.3	61.6	62.2	62.6	62.7	63.1	63.7	63.7	64.1	64.3	64.3	64.5	64.5	64.6	64.7
IV 14000		59.8	62.2	62.7	63.2	63.3	63.6	64.3	64.3	64.6	64.8	64.8	65.1	65.1	65.2	65.3
IV 12000		61.0	63.4	64.0	64.4	64.5	64.8	65.5	65.5	65.9	66.1	66.1	66.3	66.3	66.4	66.5
IV 10000		63.3	65.9	66.6	67.1	67.2	67.5	68.2	68.2	68.5	68.7	68.7	69.0	69.0	69.1	69.2
IV 9000		63.6	66.2	67.0	67.4	67.5	67.9	68.5	68.5	68.9	69.1	69.1	69.3	69.3	69.4	69.5
IV 8000		66.7	69.4	70.2	70.6	70.7	71.1	71.7	71.7	72.1	72.3	72.3	72.5	72.5	72.6	72.7
IV 7000		68.2	71.0	71.7	72.2	72.3	72.6	73.3	73.3	73.6	73.9	73.9	74.1	74.1	74.2	74.3
IV 6000		69.4	72.3	73.2	73.6	73.7	74.1	74.7	74.7	75.1	75.3	75.3	75.5	75.5	75.6	75.8
IV 5000		71.3	74.4	75.3	75.8	75.9	76.2	76.9	76.9	77.2	77.4	77.4	77.6	77.6	77.8	77.9
IV 4500		71.5	74.6	75.5	76.0	76.1	76.4	77.1	77.1	77.4	77.6	77.6	77.9	77.9	78.0	78.1
IV 4000		72.6	76.1	77.3	78.0	78.1	78.4	79.1	79.1	79.4	79.6	79.6	79.9	79.9	80.0	80.1
IV 3500		73.5	77.0	78.2	78.9	79.0	79.3	80.0	80.0	80.3	80.5	80.5	80.8	80.8	80.9	81.0
IV 3000		74.9	78.4	80.0	80.6	80.8	81.1	81.8	81.8	82.1	82.3	82.3	82.5	82.5	82.6	82.8
IV 2500		75.8	79.4	81.0	81.6	81.8	82.1	82.8	82.8	83.1	83.3	83.3	83.5	83.5	83.6	83.8
IV 2000		77.1	81.1	82.6	83.3	83.4	83.8	84.4	84.4	84.8	85.0	85.0	85.2	85.2	85.3	85.4
IV 1800		77.2	81.2	82.9	83.5	83.6	84.0	84.6	84.6	85.0	85.2	85.2	85.4	85.4	85.5	85.7
IV 1500		78.4	82.4	84.2	84.9	85.0	85.3	86.0	86.0	86.3	86.5	86.5	86.8	86.8	86.9	87.0
IV 1200		79.4	83.8	85.7	86.3	86.4	86.8	87.5	87.5	88.0	88.2	88.2	88.4	88.4	88.5	88.7
IV 1000		79.8	84.1	86.1	86.8	86.9	87.2	88.0	88.0	88.4	88.7	88.7	88.9	88.9	89.0	89.1
IV 900		80.2	84.5	86.7	87.3	87.4	87.9	88.7	88.7	89.1	89.4	89.4	89.7	89.7	89.8	89.9
IV 800		80.8	85.3	87.5	88.5	88.7	89.1	90.1	90.1	90.5	90.9	90.9	91.1	91.1	91.2	91.3
IV 700		81.3	86.0	88.2	89.3	89.7	90.1	91.1	91.1	91.7	92.0	92.0	92.2	92.2	92.3	92.4
IV 600		82.1	86.8	89.2	90.4	90.8	91.2	92.3	92.3	92.9	93.2	93.2	93.4	93.4	93.5	93.7
IV 500		82.3	87.2	90.0	91.3	91.7	92.2	93.5	93.5	94.1	94.5	94.5	94.8	94.8	94.9	95.1
IV 400		82.3	87.2	90.1	91.5	92.2	92.9	94.3	94.4	95.2	95.7	95.7	95.9	95.9	96.0	96.4
IV 300		82.3	87.4	90.3	91.8	92.5	93.5	95.3	95.7	96.6	97.1	97.1	97.4	97.4	97.6	98.0
IV 200		82.3	87.4	90.3	91.8	92.5	93.5	95.4	95.9	96.9	97.4	97.6	98.0	98.0	98.2	98.9
IV 100		82.3	87.4	90.3	91.8	92.5	93.5	95.4	95.9	96.9	97.7	97.8	98.4	98.4	98.9	100.0
IV 0		82.3	87.4	90.3	91.8	92.5	93.5	95.4	95.9	96.9	97.7	97.8	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

U900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		56.0	56.3	56.7	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.3
≥ 20000		60.4	60.8	61.1	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7
≥ 18000		61.0	61.3	61.6	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.2	62.2	62.3	62.3
≥ 16000		61.1	61.4	61.7	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.3	62.3	62.4	62.4
≥ 14000		61.8	62.2	62.5	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.2	63.2
≥ 12000		62.9	63.2	63.5	64.0	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.4
≥ 10000		66.2	66.8	67.1	67.5	67.5	67.5	67.5	67.7	67.8	67.8	67.8	68.0	68.0	68.1	68.1
≥ 9000		66.9	67.4	67.7	68.2	68.2	68.2	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.7	68.7
≥ 8000		70.0	70.8	71.4	71.9	71.9	71.9	71.9	72.2	72.3	72.3	72.3	72.4	72.4	72.5	72.5
≥ 7000		71.7	72.5	73.1	73.7	73.7	73.7	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2
≥ 6000		73.1	74.4	75.1	75.6	75.6	75.6	75.6	75.8	76.0	76.0	76.0	76.1	76.1	76.2	76.2
≥ 5000		74.4	76.0	76.8	77.3	77.3	77.3	77.3	77.5	77.7	77.7	77.7	77.8	77.8	78.0	78.0
≥ 4500		74.7	76.5	77.2	77.7	77.7	77.7	77.7	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.4
≥ 4000		76.3	78.1	79.1	79.8	79.8	79.8	79.8	80.0	80.2	80.2	80.2	80.3	80.3	80.4	80.4
≥ 3500		77.3	79.0	80.1	80.8	80.8	80.8	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.4	81.4
≥ 3000		78.5	80.2	81.3	82.0	82.3	82.4	82.4	82.6	82.8	82.8	82.8	82.9	82.9	83.0	83.0
≥ 2500		79.1	80.9	81.9	82.7	82.9	83.0	83.0	83.2	83.4	83.4	83.4	83.5	83.5	83.7	83.7
≥ 2000		80.4	82.2	83.3	84.2	84.4	84.5	84.6	84.8	85.1	85.1	85.1	85.2	85.2	85.3	85.3
≥ 1800		80.8	82.6	83.8	84.6	84.8	84.9	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.7	85.7
≥ 1500		82.3	84.2	85.4	86.3	86.6	86.7	86.8	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.4
≥ 1200		83.4	85.5	86.9	87.8	88.2	88.6	88.8	89.0	89.2	89.2	89.2	89.4	89.4	89.5	89.5
≥ 1000		84.2	86.3	87.8	89.1	89.5	89.9	90.1	90.3	90.5	90.5	90.5	90.6	90.6	90.8	90.8
≥ 900		84.2	86.5	88.2	89.5	89.8	90.2	90.5	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.3
≥ 800		84.3	86.6	88.4	89.8	90.1	90.8	91.1	91.3	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 700		85.3	88.0	89.8	91.3	91.7	92.4	92.7	92.9	93.2	93.2	93.2	93.3	93.3	93.4	93.4
≥ 600		85.4	88.1	89.9	91.7	92.3	93.0	93.4	93.8	94.1	94.1	94.1	94.2	94.2	94.3	94.3
≥ 500		85.8	88.7	90.6	92.7	93.3	94.4	95.1	95.4	95.7	95.7	95.7	95.8	95.8	96.0	96.0
≥ 400		85.8	88.9	90.9	92.9	93.8	95.2	96.1	96.5	96.9	97.0	97.0	97.1	97.1	97.3	97.3
≥ 300		85.8	89.0	91.1	93.1	94.0	95.8	97.1	97.7	98.3	98.6	98.6	99.0	99.0	99.5	99.5
≥ 200		85.8	89.0	91.1	93.1	94.0	95.8	97.2	98.0	98.7	99.1	99.1	99.6	99.6	100.0	100.0
≥ 100		85.8	89.0	91.1	93.1	94.0	95.8	97.2	98.0	98.7	99.1	99.1	99.6	99.6	100.0	100.0
≥ 0		85.8	89.0	91.1	93.1	94.0	95.8	97.2	98.0	98.7	99.1	99.1	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 20000		62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 18000		63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 16000		63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 14000		64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000		65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 10000		68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000		68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 8000		71.8	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 7000		73.2	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000		74.3	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 5000		75.4	76.7	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500		75.6	76.9	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	.1	77.8	79.6	80.3	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3500	.1	79.2	81.1	81.8	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 3000	.1	80.6	82.7	83.4	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	.1	81.2	83.4	84.2	84.6	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	.1	83.0	85.4	86.2	86.8	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1800	.2	83.7	86.1	87.0	87.5	87.6	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1500	.1	85.8	88.4	89.2	89.8	89.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1200	.1	87.0	89.9	90.8	91.3	91.4	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1000	.1	87.3	90.1	91.2	91.9	92.0	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 900	.1	87.6	90.6	91.5	92.3	92.4	92.6	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 800	.1	88.4	91.5	92.4	93.3	93.4	93.7	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 700	.1	88.8	92.2	93.0	94.0	94.1	94.4	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 600	.1	89.2	92.7	93.8	94.8	94.9	95.3	95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 500	.1	89.5	93.1	94.2	95.4	95.5	96.0	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 400	.1	89.6	93.1	94.4	96.1	96.3	97.0	97.2	97.3	97.8	97.8	97.8	97.8	97.8	97.8	98.0
IV 300	.1	89.8	93.5	94.6	96.3	96.6	97.5	98.0	98.1	98.8	98.9	99.1	99.2	99.2	99.2	99.4
IV 200	.1	89.9	93.7	94.7	96.6	96.8	98.0	98.5	98.6	99.5	99.6	99.8	99.9	99.9	99.9	100.0
IV 100	.1	89.9	93.7	94.7	96.6	96.8	98.0	98.5	98.6	99.5	99.6	99.8	99.9	99.9	99.9	100.0
IV 0	.1	89.9	93.7	94.7	96.6	96.8	98.0	98.5	98.6	99.5	99.6	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING		55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 20000		62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000		63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000		63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000		63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 12000		66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
IV 10000		68.8	69.2	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8
IV 9000		68.9	69.4	69.5	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9
IV 8000		71.7	72.3	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
IV 7000		72.8	73.8	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
IV 6000		73.9	74.8	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
IV 5000		74.9	76.0	76.5	76.8	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
IV 4500		75.2	76.2	76.7	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
IV 4000		77.8	79.0	79.6	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
IV 3500		79.0	80.2	80.8	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
IV 3000		81.1	82.5	83.0	83.3	83.4	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
IV 2500		81.4	82.8	83.4	83.8	83.9	84.1	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5
IV 2000		83.5	85.3	85.9	86.7	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
IV 1800		83.7	85.6	86.2	87.0	87.2	87.4	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.8	87.8
IV 1500		85.3	87.4	88.3	89.0	89.2	89.6	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
IV 1200		86.6	88.9	89.8	90.5	90.8	91.2	91.5	91.6	91.9	91.9	91.9	92.0	92.0	92.0	92.0
IV 1000		87.6	90.0	91.0	91.7	92.0	92.5	92.8	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4
IV 900		87.8	90.3	91.4	92.2	92.5	92.9	93.2	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9
IV 800		88.1	90.8	91.9	92.7	93.0	93.4	93.8	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4
IV 700		88.9	91.6	92.8	93.7	94.0	94.7	95.1	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8
IV 600		89.2	91.9	93.2	94.2	94.5	95.3	95.7	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 500		89.2	91.9	93.4	94.8	95.3	96.0	96.6	96.9	97.5	97.6	97.6	97.7	97.7	97.7	97.7
IV 400		89.4	92.0	93.7	95.3	95.7	96.7	97.2	97.5	98.2	98.4	98.4	98.6	98.7	98.7	98.7
IV 300		89.4	92.0	93.7	95.3	95.7	96.7	97.2	97.5	98.2	98.8	98.8	99.0	99.1	99.1	99.1
IV 200		89.5	92.2	93.9	95.6	96.0	97.0	97.6	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0
IV 100		89.5	92.2	93.9	95.6	96.0	97.0	97.6	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0
IV 0		89.5	92.2	93.9	95.6	96.0	97.0	97.6	98.0	98.7	99.6	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	.1	59.6	60.0	60.5	60.8	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2
IV 18000	.1	64.0	64.4	64.9	65.2	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.7
IV 16000	.1	64.2	64.7	65.1	65.4	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9	65.9	65.9
IV 14000	.1	65.1	65.5	65.9	66.4	66.6	66.6	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.1
IV 12000	.1	68.0	68.4	68.9	69.3	69.5	69.5	69.8	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0
IV 10000	.1	69.3	69.7	70.2	70.6	70.8	70.8	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3
IV 9000	.1	69.6	70.0	70.5	70.9	71.1	71.2	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8
IV 8000	.1	71.8	72.2	72.6	73.1	73.3	73.5	73.8	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.0
IV 7000	.1	72.4	73.2	73.7	74.1	74.4	74.6	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1
IV 6000	.1	73.3	74.0	74.6	75.0	75.2	75.4	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0
IV 5000	.1	74.5	75.3	75.9	76.3	76.6	77.0	77.5	77.5	77.5	77.6	77.6	77.7	77.7	77.7	77.7
IV 4500	.1	74.8	75.6	76.2	76.6	76.9	77.4	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.0	78.0
IV 4000	.1	78.4	79.6	80.3	80.7	81.0	81.5	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1
IV 3500	.1	79.7	80.9	81.6	82.0	82.3	82.8	83.2	83.2	83.2	83.3	83.3	83.4	83.4	83.4	83.4
IV 3000	.1	81.3	82.7	83.3	83.9	84.3	84.7	85.2	85.2	85.2	85.5	85.6	85.6	85.7	85.7	85.7
IV 2500	.1	81.6	83.1	83.7	84.5	84.8	85.2	85.8	85.8	85.8	86.0	86.1	86.1	86.2	86.2	86.2
IV 2000	.1	82.9	84.6	85.3	86.1	86.5	87.1	87.8	87.8	87.8	88.0	88.1	88.1	88.3	88.3	88.3
IV 1800	.1	83.1	84.9	85.6	86.4	87.0	87.5	88.3	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7
IV 1500	.1	83.6	85.6	86.5	87.4	87.9	88.5	89.2	89.2	89.2	89.4	89.5	89.5	89.7	89.7	89.7
IV 1200	.1	84.9	86.9	88.0	88.9	89.5	90.1	90.8	90.8	90.8	91.1	91.2	91.2	91.3	91.3	91.3
IV 1000	.1	85.8	87.8	89.1	90.0	90.6	91.2	91.9	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.3
IV 900	.1	86.2	88.3	89.5	90.5	91.2	91.7	92.5	92.5	92.5	92.7	92.8	92.8	92.9	92.9	92.9
IV 800	.1	87.1	89.3	90.4	91.4	92.0	92.7	93.5	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0
IV 700	.1	87.6	89.9	91.2	92.1	92.8	93.5	94.4	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.8
IV 600	.1	88.0	90.3	92.1	93.2	94.0	94.7	95.6	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0
IV 500	.1	88.1	91.2	92.8	94.0	94.7	95.5	96.4	96.4	96.4	96.7	96.8	96.8	97.0	97.0	97.1
IV 400	.1	88.3	91.4	93.2	94.5	95.3	96.0	97.2	97.2	97.2	97.4	97.5	97.5	97.8	98.2	98.3
IV 300	.1	88.4	91.6	93.3	94.7	95.6	96.4	97.6	97.6	97.6	97.8	98.0	98.0	98.3	98.6	98.7
IV 200	.1	88.4	91.8	93.3	94.7	95.6	96.6	97.7	97.8	97.8	98.5	98.7	98.7	99.1	99.5	99.6
IV 100	.1	88.4	91.8	93.3	94.8	95.7	96.7	97.8	98.1	98.1	98.7	98.9	98.9	99.6	99.9	100.0
IV 0	.1	88.4	91.8	93.3	94.8	95.7	96.7	97.8	98.1	98.1	98.7	98.9	98.9	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

928

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING																
≥ 20000		59.2	67.3	61.1	61.4	61.5	61.6	61.9	62.3	62.3	62.4	62.4	62.7	62.7	63.0	63.0
IV 18000		63.2	64.3	65.1	65.4	65.5	65.6	65.9	66.3	66.3	66.4	66.4	66.7	66.7	67.0	67.0
IV 16000		63.2	64.3	65.1	65.4	65.5	65.6	65.9	66.3	66.3	66.4	66.4	66.7	66.7	67.0	67.0
IV 14000		63.4	64.4	65.2	65.5	65.6	65.7	66.1	66.4	66.4	66.5	66.5	66.8	66.8	67.1	67.1
IV 12000		63.8	64.9	65.6	65.9	66.1	66.2	66.5	66.8	66.8	66.9	66.9	67.2	67.2	67.6	67.6
IV 10000		65.9	67.0	67.8	68.1	68.2	68.3	68.6	69.0	69.0	69.1	69.1	69.4	69.4	69.7	69.7
IV 9000		67.8	68.9	69.6	69.9	70.1	70.2	70.5	70.8	70.8	70.9	70.9	71.2	71.2	71.6	71.6
IV 8000		67.9	69.0	69.7	70.1	70.2	70.3	70.6	70.9	70.9	71.0	71.0	71.4	71.4	71.7	71.7
IV 7000		69.7	70.8	71.6	71.9	72.0	72.1	72.4	72.8	72.8	72.9	72.9	73.2	73.2	73.5	73.5
IV 6000		71.0	72.2	73.0	73.3	73.4	73.5	73.9	74.3	74.3	74.4	74.4	74.7	74.7	75.0	75.0
IV 5000		71.7	72.9	73.6	73.9	74.1	74.2	74.6	74.9	74.9	75.0	75.0	75.4	75.4	75.7	75.7
IV 4500		73.2	74.4	75.2	75.5	75.9	76.0	76.4	76.8	76.8	76.9	76.9	77.2	77.2	77.5	77.5
IV 4000		76.0	77.3	78.4	79.1	79.2	79.6	80.0	80.3	80.3	80.4	80.4	80.8	80.8	81.1	81.1
IV 3500		77.0	78.3	79.4	80.2	80.3	80.6	81.1	81.4	81.4	81.5	81.5	81.8	81.8	82.2	82.2
IV 3000		78.7	80.1	81.4	82.5	82.6	82.9	83.4	83.7	83.7	83.8	83.8	84.1	84.1	84.4	84.4
IV 2500		79.6	81.1	82.4	83.5	83.6	83.9	84.3	84.6	84.6	84.8	84.8	85.1	85.1	85.4	85.4
IV 2000		80.9	82.7	84.0	85.1	85.3	85.6	86.1	86.4	86.4	86.5	86.5	86.8	86.8	87.1	87.1
IV 1800		81.2	83.1	84.4	85.5	85.7	86.1	86.5	86.8	86.8	86.9	86.9	87.2	87.2	87.6	87.6
IV 1500		81.6	83.6	84.9	86.1	86.3	86.6	87.0	87.4	87.4	87.5	87.5	87.8	87.8	88.1	88.1
IV 1200		82.9	84.9	86.3	87.6	87.9	88.3	88.8	89.1	89.1	89.2	89.2	89.6	89.6	90.1	90.1
IV 1000		83.1	85.1	86.5	87.9	88.3	88.8	89.2	89.6	89.6	89.7	89.7	90.2	90.2	90.6	90.6
IV 900		83.7	85.6	87.0	88.5	89.0	89.4	89.8	90.3	90.3	90.4	90.4	90.8	90.8	91.2	91.2
IV 800		84.2	86.4	88.0	89.7	90.2	90.6	91.0	91.5	91.5	91.6	91.6	92.0	92.0	92.4	92.4
IV 700		84.3	86.7	88.3	90.3	90.7	91.1	91.6	92.0	92.0	92.1	92.1	92.5	92.5	93.0	93.0
IV 600		85.0	87.4	89.0	91.0	91.5	91.9	92.3	92.8	92.8	92.9	92.9	93.3	93.3	93.7	93.7
IV 500		85.3	87.9	89.6	92.1	92.5	93.0	93.4	93.8	94.2	94.3	94.3	94.7	94.7	95.2	95.2
IV 400		85.8	88.5	90.6	93.0	93.5	94.1	94.5	95.1	95.5	95.6	95.6	96.0	96.0	96.5	96.5
IV 300		86.3	89.2	91.2	93.6	94.5	95.1	95.6	96.3	96.6	96.8	96.8	97.2	97.2	97.7	98.2
IV 200		86.3	89.2	91.2	93.6	94.5	95.1	95.7	96.5	97.4	97.6	97.6	98.2	98.2	98.8	99.4
IV 100		86.3	89.2	91.2	93.6	94.5	95.1	95.7	96.5	97.5	97.7	97.7	98.6	98.6	99.2	100.0
IV 0		86.3	89.2	91.2	93.6	94.5	95.1	95.7	96.5	97.5	97.7	97.7	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

69-70,73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.0	58.1	59.0	59.4	59.6	59.7	59.8	59.9	60.0	60.0	60.1	60.1	60.3	60.3	60.4	60.5
≥ 20000	.0	62.5	63.4	63.9	64.1	64.2	64.3	64.5	64.5	64.6	64.7	64.7	64.8	64.9	65.0	65.0
IV 18000	.0	62.7	63.7	64.1	64.3	64.4	64.5	64.7	64.8	64.8	64.9	64.9	65.1	65.1	65.2	65.3
IV 16000	.0	62.8	63.8	64.2	64.5	64.6	64.6	64.8	64.9	65.0	65.1	65.1	65.2	65.2	65.4	65.4
IV 14000	.0	63.5	64.5	64.9	65.2	65.3	65.3	65.6	65.6	65.7	65.8	65.8	65.9	66.0	66.1	66.2
IV 12000	.0	65.2	66.3	66.7	67.0	67.1	67.2	67.4	67.5	67.5	67.6	67.6	67.8	67.8	68.0	68.0
IV 10000	.0	67.4	68.6	69.1	69.4	69.4	69.5	69.7	69.8	69.9	70.0	70.0	70.1	70.2	70.3	70.4
IV 9000	.0	67.9	69.0	69.5	69.8	69.9	70.0	70.2	70.3	70.3	70.5	70.5	70.6	70.6	70.8	70.8
IV 8000	.0	70.1	71.3	71.9	72.2	72.3	72.4	72.6	72.7	72.8	72.9	72.9	73.0	73.1	73.2	73.3
IV 7000	.0	71.5	72.9	73.5	73.8	73.9	74.0	74.2	74.3	74.4	74.5	74.5	74.7	74.7	74.8	74.9
IV 6000	.0	72.4	73.9	74.5	74.8	74.9	75.0	75.3	75.4	75.4	75.6	75.6	75.7	75.7	75.9	75.9
IV 5000	.0	73.7	75.4	76.1	76.6	76.7	76.8	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.7	77.7
IV 4500	.0	74.0	75.7	76.4	76.8	76.9	77.1	77.3	77.4	77.5	77.6	77.6	77.8	77.8	78.0	78.0
IV 4000	.0	76.1	78.0	78.9	79.4	79.6	79.8	80.0	80.1	80.2	80.3	80.3	80.5	80.5	80.7	80.7
IV 3500	.0	77.2	79.2	80.2	80.7	80.8	81.0	81.3	81.4	81.5	81.6	81.6	81.7	81.8	81.9	82.0
IV 3000	.0	78.7	80.8	81.9	82.5	82.6	82.9	83.1	83.2	83.4	83.5	83.6	83.7	83.8	83.9	84.0
IV 2500	.0	79.3	81.4	82.5	83.1	83.3	83.5	83.9	84.0	84.1	84.2	84.2	84.4	84.4	84.5	84.6
IV 2000	.0	80.8	83.2	84.3	85.0	85.2	85.5	85.9	86.0	86.1	86.2	86.2	86.4	86.4	86.5	86.6
IV 1800	.0	81.1	83.5	84.7	85.4	85.6	85.9	86.3	86.4	86.5	86.6	86.6	86.8	86.8	86.9	87.0
IV 1500	.0	82.2	84.7	85.9	86.7	86.9	87.2	87.6	87.7	87.8	88.0	88.0	88.1	88.2	88.3	88.4
IV 1200	.0	83.5	86.1	87.5	88.3	88.5	88.9	89.3	89.4	89.6	89.7	89.7	89.9	90.0	90.1	90.2
IV 1000	.0	84.1	86.8	88.2	89.2	89.4	89.8	90.2	90.4	90.6	90.7	90.7	90.9	90.9	91.1	91.1
IV 900	.0	84.5	87.3	88.7	89.7	90.0	90.4	90.8	91.0	91.2	91.3	91.3	91.5	91.5	91.7	91.7
IV 800	.0	85.0	87.9	89.5	90.6	90.9	91.3	91.8	91.9	92.2	92.3	92.3	92.5	92.5	92.7	92.7
IV 700	.0	85.6	88.6	90.2	91.4	91.7	92.3	92.8	93.0	93.2	93.4	93.4	93.6	93.6	93.8	93.8
IV 600	.0	86.0	89.2	90.9	92.3	92.6	93.2	93.8	94.0	94.2	94.4	94.4	94.6	94.6	94.8	94.8
IV 500	.0	86.3	89.7	91.7	93.3	93.7	94.4	95.0	95.2	95.5	95.7	95.7	95.9	96.0	96.2	96.2
IV 400	.0	86.5	90.0	92.1	93.9	94.4	95.2	96.0	96.2	96.6	96.8	96.8	97.1	97.2	97.4	97.5
IV 300	.0	86.7	90.3	92.4	94.2	94.7	95.7	96.7	97.1	97.5	97.9	98.2	98.3	98.5	98.7	98.7
IV 200	.0	86.7	90.3	92.5	94.3	94.9	96.0	97.0	97.4	98.1	98.5	98.6	99.0	99.1	99.4	99.6
IV 100	.0	86.7	90.3	92.5	94.3	94.9	96.0	97.0	97.5	98.2	98.6	98.7	99.2	99.3	99.6	100.0
IV 0	.0	86.7	90.3	92.5	94.3	94.9	96.0	97.0	97.5	98.2	98.6	98.7	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7216

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13717

MYRTLE BEACH AFB SC

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	.0	57.4	59.9	61.0	61.7	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.5	62.6	62.6	62.7	
IV 20000	.0	64.7	67.7	69.0	69.7	69.9	70.1	70.3	70.4	70.5	70.5	70.5	70.6	70.7	70.7	70.9	
IV 18000	.0	65.1	68.1	69.3	70.1	70.3	70.5	70.7	70.7	70.8	70.9	70.9	71.0	71.1	71.1	71.2	
IV 16000	.0	65.3	68.3	69.6	70.3	70.5	70.8	70.9	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.5	
IV 14000	.0	66.2	69.3	70.5	71.3	71.5	71.8	71.9	72.1	72.1	72.1	72.1	72.3	72.3	72.4	72.5	
IV 12000	.0	68.0	71.1	72.4	73.2	73.4	73.7	73.8	73.9	74.0	74.1	74.1	74.2	74.2	74.3	74.4	
IV 10000	.0	71.0	74.3	75.7	76.5	76.7	77.0	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.7	
IV 9000	.0	71.5	74.8	76.2	77.0	77.2	77.5	77.7	77.7	77.8	77.9	77.9	78.0	78.1	78.1	78.2	
IV 8000	.0	73.7	77.2	78.7	79.6	79.8	80.1	80.3	80.3	80.4	80.5	80.5	80.6	80.7	80.8	80.9	
IV 7000	.0	74.8	78.3	79.9	80.8	81.0	81.3	81.5	81.6	81.7	81.8	81.8	81.9	81.9	82.0	82.1	
IV 6000	.0	75.6	79.2	80.8	81.7	81.9	82.2	82.4	82.5	82.6	82.7	82.7	82.8	82.8	82.9	83.0	
IV 5000	.0	76.8	80.5	82.2	83.1	83.4	83.7	83.9	83.9	84.0	84.1	84.1	84.3	84.3	84.4	84.5	
IV 4500	.0	77.1	80.9	82.5	83.5	83.7	84.0	84.2	84.3	84.4	84.5	84.5	84.6	84.7	84.7	84.9	
IV 4000	.0	78.5	82.4	84.1	85.1	85.4	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.4	86.4	86.6	
IV 3500	.0	79.2	83.2	85.0	86.0	86.3	86.7	86.9	86.9	87.1	87.1	87.2	87.3	87.3	87.4	87.5	
IV 3000	.0	80.4	84.5	86.4	87.5	87.8	88.2	88.4	88.5	88.6	88.7	88.7	88.8	88.8	88.9	89.0	
IV 2500	.0	81.0	85.2	87.1	88.3	88.6	89.0	89.2	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.8	
IV 2000	.0	82.2	86.5	88.5	89.8	90.1	90.6	90.8	90.9	91.0	91.1	91.1	91.3	91.3	91.4	91.5	
IV 1800	.0	82.4	86.8	88.8	90.1	90.4	90.8	91.1	91.2	91.3	91.4	91.4	91.6	91.6	91.7	91.8	
IV 1500	.0	83.1	87.5	89.6	90.9	91.2	91.7	92.0	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.7	
IV 1200	.0	83.9	88.5	90.6	92.1	92.4	92.9	93.3	93.3	93.5	93.6	93.6	93.7	93.8	93.8	94.0	
IV 1000	.0	84.4	89.1	91.3	92.8	93.2	93.7	94.1	94.1	94.3	94.4	94.4	94.6	94.6	94.7	94.8	
IV 900	.0	84.7	89.4	91.7	93.2	93.6	94.2	94.5	94.6	94.7	94.8	94.9	95.0	95.0	95.1	95.2	
IV 800	.0	85.0	89.8	92.1	93.7	94.1	94.7	95.0	95.1	95.3	95.4	95.4	95.6	95.6	95.7	95.8	
IV 700	.0	85.2	90.1	92.5	94.2	94.6	95.2	95.6	95.7	95.9	96.0	96.0	96.1	96.2	96.3	96.4	
IV 600	.0	85.4	90.4	92.9	94.6	95.1	95.7	96.1	96.3	96.4	96.6	96.6	96.7	96.7	96.8	97.0	
IV 500	.0	85.6	90.7	93.2	95.1	95.6	96.4	96.9	97.0	97.2	97.3	97.3	97.5	97.5	97.6	97.7	
IV 400	.0	85.7	90.9	93.5	95.5	96.0	96.9	97.5	97.6	97.8	98.0	98.0	98.2	98.2	98.3	98.5	
IV 300	.0	85.8	91.0	93.8	95.7	96.3	97.2	97.9	98.1	98.4	98.6	98.6	98.8	98.8	98.9	99.0	
IV 200	.0	85.8	91.0	93.7	95.8	96.3	97.3	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.5	99.7	
IV 100	.0	85.8	91.0	93.7	95.8	96.3	97.4	98.1	98.3	98.7	99.0	99.1	99.4	99.5	99.7	100.0	
IV 0	.0	85.8	91.0	93.7	95.8	96.3	97.4	98.1	98.3	98.7	99.0	99.1	99.4	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 83725

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & O.BSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSOURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

70,73-81

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	42.5			15.4						13.3	28.8	4.5	669
	03-05	41.5			14.7						14.2	29.6	4.7	675
	06-08	28.5			24.9						15.7	30.9	5.2	810
	09-11	27.4			21.4						18.4	32.8	5.6	836
	12-14	20.3			27.7						22.1	29.8	5.8	841
	15-17	20.1			27.6						22.7	29.6	5.8	845
	18-20	25.4			26.2						18.8	29.6	5.4	842
	21-23	39.9			16.2						16.4	27.5	4.7	803
TOTALS		30.7			21.8						17.7	29.8	5.2	6321

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-80

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	35.7			13.9						12.8	37.6	5.3	756
	03-05	33.7			13.4						13.5	39.4	5.6	756
	06-08	18.1			23.4						18.8	39.7	6.4	897
	09-11	18.0			25.5						16.3	40.2	6.3	927
	12-14	16.0			25.6						21.0	37.4	6.4	930
	15-17	15.5			23.0						23.4	38.1	6.6	929
	18-20	19.7			24.0						18.9	37.4	6.2	930
	21-23	33.3			19.2						14.2	33.4	5.2	896
TOTALS		23.8			21.0						17.4	37.9	6.0	7021

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY C

13717 MYRTLE BEACH AFB SC

69-70,73-80

STATION

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS O SKY COVE		
		0	1	2	3	4	5	6	7	8	9		10	
AUG	00-02	29.1			35.0							19.2	16.7	4.4
	03-05	27.2			38.6							17.5	16.7	4.4
	06-08	9.0			46.2							24.9	19.9	5.6
	09-11	8.7			42.4							28.4	20.4	5.9
	12-14	1.6			49.4							30.1	18.9	6.1
	15-17	3.7			44.3							33.4	18.6	6.2
	18-20	6.7			40.4							27.5	25.4	6.2
	21-23	21.2			40.1							17.6	21.1	4.9
TOTALS		13.4			42.1							24.8	19.7	5.5

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
OCT	00-02	51.6			18.9							12.1	17.4	3.4	826
	03-05	48.3			18.8							12.2	20.7	3.7	812
	06-08	23.3			32.9							22.4	21.5	5.1	907
	09-11	27.6			29.3							21.5	21.6	5.0	924
	12-14	20.6			35.9							22.7	20.8	5.2	928
	15-17	20.8			33.5							26.9	18.8	5.3	929
	18-20	31.9			30.4							18.7	19.1	4.5	929
	21-23	46.1			23.1							14.2	16.6	3.6	903
	TOTALS	33.8			27.9							18.8	19.6	4.5	7160

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-80

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
NOV	00-02	49.2			16.4							12.4	22.1	3.8	801
	03-05	49.8			14.7							12.2	23.4	3.9	804
	06-08	29.6			27.0							18.9	24.6	5.0	859
	09-11	31.3			22.8							20.9	24.9	5.1	898
	12-14	27.0			26.0							22.7	24.3	5.3	900
	15-17	23.9			26.6							23.0	26.6	5.5	900
	18-20	35.4			22.4							18.4	23.8	4.7	898
	21-23	48.2			16.1							10.4	25.4	4.0	895
	TOTALS	36.8			21.5							17.4	24.4	4.7	6955

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

13717 MYRTLE BEACH AFB SC

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	29.3			17.9						17.1	35.7	5.6	6977
FEB		30.7			21.8						17.7	29.8	5.2	6321
MAR		23.8			21.0						17.4	37.9	6.0	7021
APR		29.3			26.1						18.5	26.0	5.1	6836
MAY		19.2			29.6						24.6	26.6	5.8	6992
JUN		12.6			34.1						27.0	26.4	6.1	6688
JUL		9.9			39.3						29.8	21.0	6.0	7073
AUG		13.4			42.1						24.8	19.7	5.5	7204
SEP		12.2			33.7						28.8	25.3	6.1	6962
OCT		33.8			27.9						18.8	19.6	4.5	7160
NOV		36.8			21.5						17.4	24.4	4.7	6955
DEC		30.9			22.1						17.1	29.9	5.2	7189
TOTALS		23.5			28.1						21.6	26.9	5.5	83376

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

DAILY TEMPERATURES

42-47, 49-54, 56-81
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.7	.3	.4					.1
95					.2	4.4	4.9	3.6	.7				1.1
90				1.2	4.5	16.0	26.7	20.9	6.3	.7			6.3
85			.7	4.7	15.4	47.0	73.6	70.3	40.5	3.0	.1		21.0
80	.7	.8	3.5	14.8	44.1	83.4	96.2	95.2	77.3	24.9	3.1	.4	36.5
75	4.1	3.3	10.9	39.0	78.9	97.5	99.5	99.1	92.4	54.0	16.6	3.9	49.4
70	11.9	11.8	27.6	62.9	93.3	99.5	100.0	99.7	98.1	78.7	40.0	12.3	60.8
65	23.9	26.2	47.5	84.4	99.1	99.8		100.0	99.9	91.3	60.1	27.5	71.2
60	39.1	45.3	66.8	95.7	99.8	100.0			100.0	97.3	77.0	47.4	80.4
55	56.5	62.8	83.2	99.2	100.0					99.8	89.9	65.0	87.8
50	72.1	77.4	93.4	99.8						99.9	96.1	81.3	93.2
45	84.9	89.1	98.0	100.0						100.0	99.6	91.2	96.8
40	93.7	95.9	99.6								99.9	97.2	98.8
35	97.9	99.2	99.9								100.0	99.4	99.7
30	99.6	99.8										99.6	99.9
25	100.0	100.0	100.0									100.0	100.0
MEAN	56.2	57.6	63.5	72.0	78.8	84.4	87.0	86.5	82.7	74.5	66.1	58.2	72.3
S. D.	10.711	10.016	9.152	7.362	5.931	5.473	4.308	4.324	5.163	6.708	8.419	9.643	13.576
TOTAL OBS.	1116	1016	1085	1050	1085	1034	1055	1054	1019	1054	1058	1116	12742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

DAILY TEMPERATURES

42-47, 49-54, 56-81
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
80						.4	1.8	1.1	.5				.3
75					.9	11.1	25.7	24.5	8.3	.5			5.8
70				.7	11.2	47.5	79.0	73.0	39.0	4.3	.6		21.0
65			.6	7.9	40.6	78.6	94.8	92.5	67.6	14.2	3.0	.4	32.9
60	1.2	1.2	7.1	25.3	64.5	92.6	99.1	99.0	86.9	33.4	9.3	3.0	43.6
55	6.6	6.4	20.5	47.5	81.2	98.5	99.9	99.9	95.9	54.2	19.9	9.1	52.8
50	14.2	16.9	34.4	63.2	92.4	99.8	100.0	100.0	99.1	70.9	32.5	17.5	61.3
45	24.3	27.0	50.6	80.0	98.3	100.0			99.9	84.1	46.6	26.6	69.4
40	38.8	41.4	68.4	91.8	99.8				100.0	93.0	65.3	40.2	77.9
35	54.6	58.8	83.4	97.2	100.0					98.3	80.0	56.4	85.5
33	61.9	65.1	88.1	98.7						99.1	84.9	63.4	88.2
30	74.6	77.1	93.8	99.7						99.8	92.5	75.9	92.6
25	89.2	92.7	98.9	100.0						100.0	99.0	90.9	97.5
20	96.8	98.5	99.9								99.7	98.0	99.4
15	99.6	99.7	100.0								100.0	99.6	99.9
10	100.0	99.9										100.0	100.0
5		100.0											100.0
MEAN	36.9	37.9	44.9	52.7	61.4	68.4	72.1	71.4	66.8	54.5	44.3	37.8	54.1
S. D.	10.398	10.102	9.868	8.934	7.337	5.408	3.974	4.358	6.286	9.288	10.605	10.814	15.591
TOTAL OBS.	1116	1016	1085	1050	1085	1034	1055	1054	1019	1054	1058	1116	12742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

DAILY TEMPERATURES

42-47, 49-54, 56-81
 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						.2	.2	.1					.6
85					.2	4.8	8.5	6.8	1.2				1.8
80				.4	3.6	27.0	51.9	48.2	18.5	.9			12.4
75			.5	3.7	24.1	69.6	92.8	88.4	60.3	6.9	.7	.1	28.5
70	.2	.5	4.0	19.2	60.6	93.4	99.4	98.8	84.2	27.9	4.9	.6	40.6
65	3.7	3.8	13.5	43.6	82.2	98.8	100.0	99.8	96.3	54.8	16.0	4.9	50.9
60	11.6	13.1	31.5	65.3	94.8	99.8		100.0	99.5	76.3	35.2	14.4	61.3
55	23.2	26.6	49.6	83.5	99.7	100.0			100.0	89.9	54.0	25.4	70.6
50	37.6	42.5	68.2	95.1	100.0					97.1	73.1	42.8	79.4
45	57.9	61.7	85.7	99.4						99.5	87.8	62.2	87.6
40	75.1	79.4	95.2	100.0						100.0	97.2	81.9	93.9
35	89.5	92.8	99.2								99.4	92.7	97.7
30	96.5	98.5	99.8								99.9	98.7	99.4
25	99.4	99.6	100.0								100.0	99.6	99.9
20	100.0	100.0										100.0	100.0
MEAN	46.7	48.0	54.4	62.5	70.3	76.7	79.8	79.1	74.9	64.7	55.4	48.2	63.4
S. D.	9.882	9.412	8.927	7.483	5.865	4.742	3.591	3.808	5.193	7.364	8.810	9.532	14.235
TOTAL OBS	1116	1016	1085	1050	1085	1074	1058	1054	1019	1054	1058	1116	12742

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAD

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

10017 MYTILE BEACH APP SC
 STATION STATION NAME

42-47, 49-54, 56-61
 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42											83	71	
43	78	74	80	83	90	100	95	96	91	85	78	81	102
44	81	79	80	84	92	100	94	96	99	89	73	82	100
45	66	80	84	85	89	94	93	94	95	90	83	67	95
46	77	70	82	91	84	95	95	96	88	92	82	75	96
47	73	70	72	85	82*	91*	82						
49	80	79	81	85	93	93	100	92	90	83	77	75	100
50	81	80	81	86	88	99	93	94	91	85	83	70	99
51	71	81	75	83	91	91	94	97	98	90	82	80	97
52	81	76	78	81	93	104	101	92	91	86	77	69	104
53	75	76	82	84	98	98	99	99	88	84	75	74	99
54	71	76	80	81	86	103	98	104	90	92	75	69	104
56											80*		77
57	79	80	71	82	89	91	95	95	91	79	75	71	97
58	81	70	71	89	85	98	93	96	93	84	81	73	98
59	61	76	76	86	86	101	92	93	91	88	73	65	100
60	76	70	73	83	93	93	95	95	91	85	78	70	97
61	61	74	81	86	80	91	97	94	85	84	76	70	97
62	73	83	71	84	93	90	95	90*	86	91	74	71	99
63	71	72	88	92	93	97	94	90	91	82	75	66	97
64	70	66	75	87	93	94	86	94	89	84	80	70	94
65	73	76	82	86	92	94	90	92	86	81	76	71	94
66	76	70	70	82	89	89	98	92	94	88	78	76	96
67	73	73	87	91	91	88	91	89	84	81	76	78	92
68	86	72	81	81	84	87	97	97	89	85	77	70	97
69	73	73	70	80	84	92	95	93	88	84	78	70	98
70	75	71	78	91	91	85	98	96	92	84	77	77	98
71	70	73	72	88	82	94	92	96	90	85	81	84	96
72	77	80	78	91	84	91	96	98	94	93	84	75	98
73	74	68	86	81	93	89	92	93	80	85	85	76	99
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)



FEDERAL CLIMATOLOGY BRANCH
 WPC/ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

YEARLY MIN. TEMPERATURE

(FROM DAILY OBSERVATIONS)

1917 MYRTLE BEACH AFB SC 42-47, 49-54, 56--
STATION STATION NAME YEARS

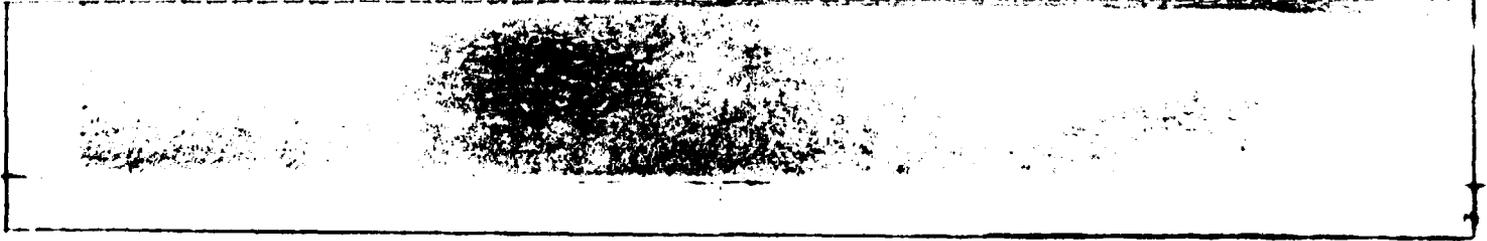
WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	71	78	88	89	97	92	93	91	91	87	84	77	
73	81	75	83	91	92	94	90	97	97	84	81	73	87
76	71	77	83	91	84	93	96	92	87	84	76	73	86
77	83	81	88	93	92	97	101	93	91	89	79	73	101
76	83	70	75	87	91	93	93	90	90	84	80	80	87
79	77	71	81	82	83	91	96	94	87	82	91	74	94
80	87	76	77	83	98	95	98	96	96	90	78	78	94
81	71	72											
MEAN	73.2	74.8	79.7	86.2	89.1	94.5	94.9	94.3	90.9	85.3	74.9	73.5	87.1
S.D.	5.45	4.223	5.478	3.593	3.897	4.025	3.236	2.992	3.351	3.245	2.693	4.859	3.919
TOTAL OBS.	1116	1016	1089	1050	1089	1034	1058	1054	1012	1094	1058	1116	12740

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)



FEDERAL CLIMATOLOGY BRANCH
 WAFSC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17 MYRTLE BEACH AFB SC
 STATION STATION NAME

42-47, 49-54, 56-61
 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
42													
43	13	13	19	7	4	5	5	6	5	24	23	17	
44	19	21	27	9	45	56	59	63	59	21	28	17	
45	22	23	34	42	44	53	63	55	65	32	25	16	
46	23	26	32	36	49	48	57	6	15	19	32	24	
47	23	17	20	45	33	52	75						
48	31	30	28	34	48	56	63	67	61	43	24	18	
49	27	22	24	28	51	54	63	53	48	41	14	17	
50	13	18	31	36	45	57	54	59	54	43	21	17	
51	17	21	29	33	44	52	59	54	52	23	27	2	
52	23	26	19	19	51	49	51	54	53	37	28	11	
53	21	25	22	29	42	55	61	50	53	17	23	13	
54											*	26	
55	13	19	22	37	45	64	65	61	47	2	29	17	
56	13	9	13	41	49	55	63	65	54	23	30	21	
57	13	22	25	4	49	56	67	67	55	43	26	24	
58	19	25	21	34	43	55	63	53	52	38	27	14	
59	13	25	34	37	43	57	63	67	57	23	25	22	
60	16	24	28	34	49	62	63	64*	43	33	31	11	
61	13	20	33	25	36	61	53	73	49	23	19	22	
62	13	24	25	34	49	57	61	51	55	34	33	24	
63	20	22	27	31	52	55	62	52	59	23	28	1	
64	13	20	29	33	46	59	64	61	53	41	28	23	
65	23	16	25	26	43	54	63	63	49	39	25	23	
66	24	19	23	37	47	59	67	60	59	24	25	21	
67	13	26	29	33	43	6	7	55	57	39	27	21	
68	13	24	29	28	49	61	63	65	47	21	15	24	
69	19	23	27	33	41	58	53	63	61	43	21	17	
70	13	23	31	31	51	52	63	61	57	23	24	17	
71	22	14	34	39	43	6	67	64	43	1	24	17	
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN FULL MONTH)



AD-A110 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

UNCLASSIFIED

USAFETAC/DS/81/080

SBI-AD-E850 124

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GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

17217 MYRTLE BEACH AFB SC
STATION STATION NAME

42-47, 49-54, 56-31
YEARS

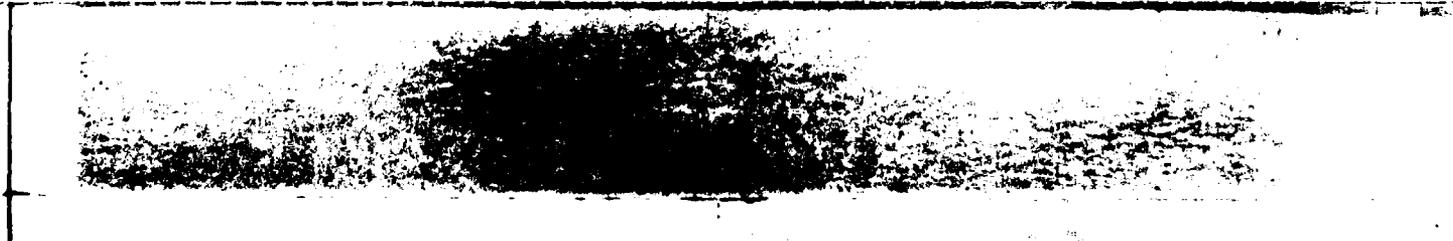
WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
74	31	21	31	34	52	63	64	66	54	36	29	27	21
75	26	31	25	36	56	65	65	66	63	38	32	21	21
76	15	25	32	31	44	57	63	63	56	32	28	22	15
77	17	21	35	43	45	55	65	67	58	40	29	24	17
78	19	19	23	42	46	59	67	77	63	43	36	27	19
79	25	22	34	47	51	58	66	59	63	42	29	25	22
80	28	22	20	40	45	58	68	64	62	39	33	22	27
81	19	24											
MEAN	20.2	21.9	28.4	36.5	46.3	56.9	64.7	62.5	55.2	37.1	27.4	21.9	17.2
S.D.	4.517	4.538	4.387	4.585	4.094	3.903	3.520	3.800	5.443	4.652	4.102	4.604	3.053
TOTAL OBS.	1116	1016	1085	1050	1085	1034	1058	1054	1019	1054	1058	1116	12742

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 61

(AT LEAST ONE DAY LESS THAN 24 OBS)



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,74-81 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
68/ 67		.3			.3													4	4			
66/ 65		.8	.1	.1														8	8	3	2	
64/ 63		.9	.3															9	9	6	2	
62/ 61	.1	2.9																23	23	11	10	
60/ 59	.1	1.7	.7		.3													21	21	29	18	
58/ 57	.1	1.3	.1															12	12	20	21	
56/ 55	.4	.7	1.5	.3				.1										22	22	11	22	
54/ 53	.3	1.3	1.3	.7	.3													29	29	12	7	
52/ 51	.8	.8	.8	.3	.5		.1											25	25	29	17	
50/ 49	.1	1.7	1.7	.3	.7		.1											35	35	18	16	
48/ 47	.7	3.2	.7	.9	1.3													51	51	35	31	
46/ 45	.5	3.3	1.7	1.3	.3													54	54	49	26	
44/ 43	.1	2.7	1.1	.9	.3	.5												42	42	31	32	
42/ 41	.8	2.4	1.9	.1	.7													44	44	55	40	
40/ 39	.4	3.7	1.5	.9	.8	.1												56	56	51	32	
38/ 37	.1	2.9	.7	1.5	.5													43	43	55	32	
36/ 35	.3	2.5	2.0	1.2	.1	.1												47	47	33	56	
34/ 33		2.8	1.2	.7	.5													39	39	44	41	
32/ 31	.3	3.6	.8	2.0	.1													51	51	52	28	
30/ 29	.1	2.5	3.2	1.5														55	55	49	36	
28/ 27		1.7	.7	.4														21	21	28	28	
26/ 25	.1	1.2	.5	.5														18	18	55	43	
24/ 23		.4	.3	.3														7	7	25	19	
22/ 21		.7	.7	.3														12	12	11	31	
20/ 19		1.1	.4															11	11	13	38	
18/ 17		.9	.3															9	9	14	21	
16/ 15		.3																2	2	8	18	
14/ 13																				3	18	
12/ 11																					22	
10/ 9																					17	
8/ 7																					9	
6/ 5																					4	
4/ 3																					3	
2/ 1																					2	
Element (X)	Σ H ¹		Σ H ²		Σ H ³	Σ H ⁴	No. Obs.										Mean No. of Hours with Temperature					
Rel. Hum.									≤ 0 F		≤ 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total	
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70,74-81
YEARS

JAN
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					4
-2/ -3																					3
-4/ -5																					1
TOTAL	5.5	48.5	24.0	14.1	6.7	.8	.3	.1										750	750	750	
																		750	750		
Element (X)	$\sum X'$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4439434	56222	75.0	17.328	750	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93									
Dry Bulb	1369816	30946	41.3	11.140	750		23.1	.5				93									
Wet Bulb	1199303	28747	38.3	11.406	750		32.0					93									
Dew Point	991936	25016	33.4	14.503	750	1.0	42.8					93									

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70,74-81
YEARS

JAN
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67		.1			.1													2	2		1
66/ 65		.7	.1	.5														10	10	2	
64/ 63		2.0	.4	.3														20	20	6	3
62/ 61	.1	1.5	.1															13	13	19	11
60/ 59		1.9																14	14	19	17
58/ 57	.1	.9	.1	.1														10	10	17	22
56/ 55	.4	1.5	1.5	.3														27	27	13	15
54/ 53	.3	.7	.8	.9														20	20	14	12
52/ 51	.4	.7	1.3	.1	.3													21	21	16	12
50/ 49	.8	2.5	1.5	.1	.1													38	38	26	19
48/ 47	.3	3.6	1.3	.7	.4	.1												48	48	40	28
46/ 45	.7	2.4	1.5	.7	.3	.3												43	43	41	31
44/ 43	.4	2.5	.4	.7	.1	.5												35	35	32	30
42/ 41	.4	2.4	1.9	.8														41	41	41	36
40/ 39	.9	2.9	1.5	.9														47	47	41	35
38/ 37	.3	3.5	.7	.7														38	38	49	31
36/ 35	.9	2.4	1.3	1.5	.3													48	48	48	41
34/ 33	.1	2.8	2.4	1.3	.9													57	57	33	37
32/ 31	.3	3.7	2.4	1.2	.3													59	59	43	40
30/ 29	.4	.8	.9	.9														23	23	60	30
28/ 27	.3	3.3	2.0	1.6														54	54	36	34
26/ 25	.4	1.1	1.5															22	22	51	37
24/ 23	.7	.9	.4	.1														16	16	37	14
22/ 21		.8	.9	.5														17	17	20	35
20/ 19	.3	.5	.5															10	10	15	40
18/ 17		.8	.1															7	7	10	19
16/ 15		.7	.5															9	9	12	21
14/ 13		.1																1	1	6	21
12/ 11																				3	27
10/ 9																					18
8/ 7																					10
6/ 5																					5
4/ 3																					2
2/ 1																					4
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-20-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,74-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
0/-1																				6
-2/-3																				6
TOTAL	8.44	7.7	26.1	14.0	2.8	.9											750	750	750	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma H'$	ΣH	\bar{X}	s_n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4559644	57116	76.2	16.744	750							93
Dry Bulb	1298285	29959	39.9	11.645	750		27.0	.2				93
Wet Bulb	1149965	27989	37.3	11.866	750		36.3					93
Dew Point	961113	24405	32.5	14.931	750	1.5	45.8					93



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
70/ 69		.1	.1															2	2	
68/ 67		.1	.2															3	3	2
66/ 65		1.2	.1															12	12	4
64/ 63		1.7	.3	.2	.1													21	21	4
62/ 61	.1	3.5	.4		.1													37	37	18
60/ 59	.4	2.6	.1	.2														30	30	27
58/ 57	.1	2.5	.3		.1													27	27	43
56/ 55	.3	.9	.6	.1	.1													18	18	24
54/ 53	.7	.7	1.1	.1														23	23	19
52/ 51	.9	.9	.4															20	20	18
50/ 49	.9	2.1	.9															35	35	22
48/ 47	.6	3.5	.8	.1	.3													47	47	28
46/ 45	.4	3.8	.9	1.2	.4													61	61	33
44/ 43	1.0	2.8	.4	1.5	.2													53	53	46
42/ 41	.6	1.7	1.2	.9	.1													40	40	43
40/ 39	.1	2.0	1.6	.7	.2													41	41	21
38/ 37		3.2	1.1	.7														45	45	23
36/ 35	.4	3.0	1.3	1.2														54	54	37
34/ 33	.2	2.9	1.9	1.1	.3													58	58	45
32/ 31	.4	3.2	2.1	1.8	.3													71	71	56
30/ 29		1.5	1.9	.4														34	34	43
28/ 27	.3	2.2	.4	1.2														38	38	31
26/ 25	.2	2.9	2.2	.2														50	50	38
24/ 23	.6	1.3	.6	.1														23	23	35
22/ 21	.1	1.2	.2	.1														15	15	35
20/ 19	.1	.6	.7															12	12	39
18/ 17		.4	.6															9	9	36
16/ 15		.9																8	8	17
14/ 13		.8																7	7	26
12/ 11																			6	11
10/ 9																				32
8/ 7																				7
6/ 5																				8
4/ 3																				5
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS JAN MONTH
 PAGE 2 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					7
3/ -1																					3
-2/ -3																					6
TOTAL	9.6	54.3	22.7	12.0	2.5													894		894	
																	894		894		
Element (X)	Σ X'		Σ X		X̄	s _x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	5716984		70050		78.4	15.985		894		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb	1607979		36231		40.8	12.505		894			27.8	.5				93					
Wet Bulb	1449328		34120		38.2	12.835		894			35.0	.2				93					
Dew Point	1251224		30350		33.9	15.727		894		.9	45.5					93					

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70, 73-81
YEARS

JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75					.1	.1												2	2		
74/ 73					.2		.1											3	3		
72/ 71				.4	.1													5	5		
70/ 69		.2	.3	.3			.1											9	9		
68/ 67		.5	.6	.2	.2	.2												17	17	5	2
66/ 65		1.2	.3	.3	.1													18	18	18	3
64/ 63	.2	1.6	.8	.6	.2	.1												33	33	25	20
62/ 61		3.2	.5	.2	.3	.1	.1											42	42	26	27
60/ 59	.2	1.7	1.1	.3	.4	.5		.1										41	41	45	40
58/ 57	.1	1.4	.4	.5	.2	.1	.2	.1										29	29	24	21
56/ 55	.4	1.4	.6	.6	.5	.3	.2	.1										40	40	33	31
54/ 53	.6	1.2	.9	.8	.3	.8	.1											43	43	26	31
52/ 51	.6	.6	1.1	.8	.5	.4	.1											39	39	40	29
50/ 49	.2	1.8	1.0	1.0	.8	.2	.2											48	48	29	19
48/ 47	.4	2.9	1.1	1.6	.9	.4	.1											69	69	48	31
46/ 45	.5	1.7	1.4	1.0	1.4	1.0												65	65	58	44
44/ 43	.8	2.6	1.0	1.5	1.4	.4												71	71	61	41
42/ 41	.1	1.1	1.3	1.7	.8	.2												48	48	52	36
40/ 39	.2	1.9	1.2	1.6	1.2	.3												60	60	49	39
38/ 37	.1	1.3	1.3	1.9	1.3	.2												57	57	74	43
36/ 35	.1	1.3	.6	1.1	1.3	.1												42	42	54	41
34/ 33		.5	1.5	1.3	1.5													45	45	49	41
32/ 31		.5	.6	1.3	.3													26	26	42	41
30/ 29		.8	.6	1.1	.2													25	25	39	36
28/ 27		.4	.9	.6														18	18	41	29
26/ 25		.1	.5	.5														11	11	30	48
24/ 23			.3	.5														8	8	23	27
22/ 21			.8	.2														9	9	12	30
20/ 19		.1	.2															3	3	10	29
18/ 17		.1																1	1	10	20
16/ 15		.1	.1															2	2	4	22
14/ 13																				2	27
12/ 11																					15
10/ 9																					21
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISION 5/67

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

70,73-81

YEARS

JAN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
82/ 81							.1		.1									2	2						
80/ 79							.2											2	2						
78/ 77						.4	.1											5	5						
76/ 75					.3	.6	.2		.1									12	12						
74/ 73				.3	.3	.2	.1	.2	.1									12	12						
72/ 71		.2		.6	.3	.1	.2											14	14						
70/ 69		.1	.5	.6	.4	.3												19	19	3					
68/ 67		.2	.3	.1	.6	.2	.1		.2		.1							18	18	18	3				
66/ 65		1.1	.2	.9	.5	.4		.2	.4	.1								36	36	26	2				
64/ 63		1.0	.9	.5	.4	.3	.2	.1	.2									34	34	26	16				
62/ 61	.1	1.2	.3	.4	.5	.3	.3	.2										32	32	18	37				
60/ 59	.2	1.4	.5	.3	.6	1.0	.8	.5	.1									51	51	44	29				
58/ 57	.1	2.2	.4	1.1	.5	1.1	1.5	.5	.1									70	70	30	29				
56/ 55		1.0	.8	.5	1.3	1.4	1.2	.3										60	60	40	39				
54/ 53		1.5	.8	.6	.8	1.2	.9	.3										56	56	25	26				
52/ 51	.9	1.2	.8	1.2	.9	1.2	.3	.1										60	60	50	21				
50/ 49		1.3	1.4	1.1	.9	1.8	1.2	.3										74	74	43	29				
48/ 47	.3	1.3	1.2	1.0	1.3	1.7	.4	.2										69	69	71	39				
46/ 45		1.3	.2	1.1	1.1	1.2	.5											50	50	71	31				
44/ 43	.3	1.6	.4	.5	.8	1.1	.8											51	51	69	32				
42/ 41	.4	.9	1.1	.8	1.1	1.8	.1											57	57	60	47				
40/ 39	.1	.2	.2	.3	1.8	1.5												39	39	68	48				
38/ 37	.3	.5	.2	.5	.9	1.1												33	33	57	37				
36/ 35		.2		.1	1.4	.5												19	19	29	43				
34/ 33			.2		1.2	.1												14	14	41	41				
32/ 31		.2		.1	.8													10	10	48	36				
30/ 29		.9		.1	.5													11	11	26	34				
28/ 27	.2	.1		1.1	.1													14	14	27	35				
26/ 25				.4														4	4	10	37				
24/ 23				.1														1	1	10	25				
22/ 21																				15	31				
20/ 19																			4		15				
18/ 17																					25				
16/ 15																					17				
Element (X)	Σx'		Σx		Σ	c _s	No. Obs.										Mean No. of Hours with Temperature								
Rel. Hum.																		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
75/ 77							.1											1	1		
76/ 75					.2	.4	.2	.1	.2	.1								12	12		
74/ 73					.4	.2	.2		.1									9	9		
72/ 71				.5	.3	.1	.2		.1									12	12		
7 / 69			.2	.8	.3			.1			.1							14	14		
66/ 67		.2	.2	.5	.3	.1	.1		.1		.1							16	16	4	
66/ 65		1.2	.4	.5	.3	.2	.1		.4	.1								31	31	20	2
64/ 63		1.7	.3	.6	.2	.1		.2	.5									35	35	33	9
62/ 61		1.6	1.0	.5	.3	.1	.2	.9	.1									44	44	28	33
60/ 59	.1	2.7	.5	.4	.1	.8	.8	.6		.1								57	57	33	29
56/ 57	.3	2.0	.2	.9	2.0	.9	.6	.9	.3									76	76	53	45
56/ 55		1.1	.8	1.2	1.3	1.1	.9	.4										62	62	30	37
54/ 53		.9	1.2	1.0	.6	.6	1.8	.1	.2									60	60	20	29
52/ 51	.1	.9	.8	.6	1.7	.6	.5	.5										54	54	41	15
50/ 49	.3	.9	1.6	1.3	1.1	1.0	.9	.2										67	67	60	26
48/ 47	.1	2.0	1.2	1.5	1.9	1.0	.5	.2										79	79	69	24
46/ 45		2.0	1.3	.4	.8	.8	1.2											63	63	74	43
44/ 43	.1	1.0	.5	.8	1.0	2.2	1.0											60	60	80	54
42/ 41	.5	.3	.3	.8	1.5	.8	.3											42	42	77	45
40/ 39	.1	.8	.2	.8	1.1	1.5	.1											42	42	55	40
38/ 37	.3	.1	.4	.3	1.0	.9												28	28	37	44
36/ 35			.4		1.8	.1												22	22	40	39
34/ 33		.3	.5	.1	.6	.1												16	16	55	43
32/ 31		.3			.5													8	8	38	30
30/ 29				.4	.6													10	10	28	34
28/ 27	.2	.1		.6														9	9	26	46
26/ 25																				8	32
24/ 23																				9	23
22/ 21																				11	41
20/ 19																					18
18/ 17																					15
16/ 15																					26
14/ 13																					18
12/ 11																					21
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM AIR 44 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point	
1 / 9																						19
3 / 7																						11
4 / 5																						15
4 / 3																						11
2 / 1																						4
1 / -1																						5
-2 / -3																						3
TOTAL	2.3	20.1	12.2	15.0	20.2	13.5	9.8	4.3	2.2	.3	.2									929	929	929

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3768785	55175	59.4	23.022	929	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93
Dry Bulb	2556948	47814	51.5	10.173	929		2.7	6.4	2.2			93
Wet Bulb	1982683	41787	45.0	10.539	929		12.0	.4				93
Dew Point	1440726	33424	36.0	16.021	929	.8	37.2					93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point						
74/ 73					.1														1	1							
72/ 71				.2															2	2							
71/ 69				.1	.1														2	2							
68/ 67			.5	.3	.1														9	9							
66/ 65		.9	.9	.4					.1										21	21	4						
64/ 63		1.5	.3	.2	.1	.2			.1										23	23	20	2					
62/ 61		2.6	.5	.2	.2														33	33	33	30					
60/ 59	.2	3.5	.5	.1			.1	.1											43	43	29	33					
58/ 57	.1	1.0	1.2	.1	.1	.1	.1												25	25	40	41					
56/ 55	.2	2.6	.5	.5	.1	.1	.2												40	40	21	27					
54/ 53	.3	1.6	2.3	.8	.2	.2													50	50	40	21					
52/ 51	.4	2.2	1.5	1.2	.3	.3	.1												56	56	28	39					
50/ 49	.2	2.0	1.4	1.6	.4	.6	.4												63	63	54	21					
48/ 47	.3	1.8	1.6	1.6	.9	.8	.2												67	67	42	30					
46/ 45	.1	3.7	2.0	1.2	.5	.2	.2												74	74	62	41					
44/ 43	.4	3.9	2.5	2.3	.5	.6													95	95	75	58					
42/ 41	.4	1.4	.8	1.9	.9	.4													54	54	71	47					
40/ 39	.3	1.7	1.5	1.1	1.2	.3	.1												58	58	75	63					
38/ 37	.1	1.0	1.4	2.2	.9	.5	.1												57	57	48	45					
36/ 35		.1	1.5	1.3	.6														33	33	49	43					
34/ 33		.4	1.6	.8	1.3														38	38	41	37					
32/ 31		.8	1.0	1.2	.5														32	32	57	35					
30/ 29	.1	.4	.5	.8	.1														18	18	41	28					
28/ 27		.8	.5	.6	.1														19	19	39	46					
26/ 25			.3	.4															7	7	25	49					
24/ 23			.5	.2															7	7	12	17					
22/ 21			.3																3	3	12	27					
20/ 19																					10	26					
18/ 17																					2	24					
16/ 15																						18					
14/ 13																						13					
12/ 11																						16					
10/ 9																						23					
8/ 7																						10					
Element (X)	Σ X'		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature																		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 2 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					6
4/ 3																					6
2/ 1																					5
0/ -1																					1
-4/ -5																					2
TOTAL	3.3	33.8	25.8	21.3	9.4	4.5	1.6	.3											930	930	930

Element (X)	$\Sigma H'$	ΣH	\bar{H}	σ_H	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	5058419	66181	71.2	19.377	930							
Dry Bulb	2083066	43002	46.2	10.097	930		8.6	1.4	.1			93
Wet Bulb	1776751	39387	42.4	10.814	930		19.8					93
Dew Point	1449365	34007	36.6	14.885	930	.3	35.2					93

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 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

70, 73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb
72/ 71				.1	.1	.1												1	1	
70/ 69				.1	.1													2	2	
68/ 67		.2	.2	.2	.1													7	7	
66/ 65		1.0	.2	.1														12	12	3
64/ 63		2.0	.7						.1									25	25	13
62/ 61		2.0	.3															21	21	28
60/ 59	.6	2.0	.6		.1				.1									30	30	30
58/ 57		2.5	.1	.4	.2													30	30	24
56/ 55	.7	1.8	1.2	.3	.4	.1												41	41	30
54/ 53	.6	2.3	.9	.4	.2	.1												41	41	27
52/ 51	.8	1.5	.4	.3	.4													32	32	40
50/ 49	.4	1.5	1.7	.9	.8	.2												50	50	34
48/ 47	.3	2.0	.8	1.2	.7	.2												47	47	33
46/ 45	.2	4.0	.7	.7	1.0	.2												61	61	48
44/ 43	.2	3.1	1.8	1.8	.7	.3												71	71	61
42/ 41		2.9	2.1	1.2	.4	.3												63	63	49
40/ 39	.8	3.5	1.1	1.1	.2	.1												62	62	71
38/ 37		1.9	1.3	.8	.4	.1												41	41	64
36/ 35		2.0	2.4	.9	.3	.1												52	52	48
34/ 33		2.0	1.2	1.0	.7	.1												45	45	50
32/ 31		2.6	2.3	2.0	.4													67	67	42
30/ 29		1.7	1.9	.4														36	36	59
28/ 27	.3	1.2	1.0	.3														26	26	46
26/ 25		.4	.6															9	9	48
24/ 23		.7	.7	.1														13	13	20
22/ 21		1.1	.7															16	16	11
20/ 19			.2															2	2	21
18/ 17		.3																3	3	3
16/ 15																				3
14/ 13																				17
12/ 11																				24
10/ 9																				16
8/ 7																				16
6/ 5																				11
																				2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRILE BEACH AFB SC STATION NAME 70,73-81 YEARS JAN MONTH
 PAGE 2 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					5
2/ 1																					2
1/ -1																					1
-2/ -3																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	4.9	46.2	24.9	14.3	7.3	2.1		.2									906	906	906	906	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1820144	39368	43.5	11.000	906		17.7	1.0				93
Wet Bulb	1591386	36554	40.3	11.349	906		26.0					93
Dew Point	1330099	32125	35.5	14.528	906	.4	40.2					93

USAFETAC FORM 0-26-5 (OL A) REVIDED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

70, 73-81

YEARS

JAN

STATION

STATION NAME

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
82/ 81								.0	.0									2	2							
80/ 79								.0										2	2							
78/ 77						.1	.0											6	6							
76/ 75					.1	.2	.1	.0	.0	.0								26	26							
74/ 73				.0	.1	.1	.0	.0	.0									25	25							
72/ 71		.0		.2	.1	.0	.1	.0	.0									34	34							
70/ 69		.1	.2	.3	.1	.0	.0	.0							.0			48	48	3						
68/ 67		.2	.3	.2	.2	.1	.0	.0	.0						.0			76	76	29	5					
66/ 65		1.0	.3	.4	.1	.1	.0	.0	.1	.0								148	148	30	16					
64/ 63	.0	1.6	.5	.3	.1	.1	.0	.1	.1	.0								200	200	140	60					
62/ 61	.1	2.3	.4	.2	.2	.1	.1	.1	.1	.0								245	245	185	187					
60/ 59	.2	2.2	.5	.2	.2	.3	.2	.2	.2	.0	.0							287	287	270	225					
58/ 57	.1	1.8	.4	.4	.4	.3	.3	.2	.1									279	279	240	244					
56/ 55	.3	1.4	.9	.5	.5	.4	.3	.1										310	310	198	229					
54/ 53	.3	1.3	1.2	.7	.3	.4	.4	.1	.0									322	322	184	171					
52/ 51	.5	1.1	.9	.5	.6	.3	.3	.1	.0									307	307	264	177					
50/ 49	.4	1.7	1.4	.8	.6	.5	.4	.1										410	410	294	182					
48/ 47	.4	2.5	1.1	1.1	1.0	.6	.2	.1										477	477	370	235					
46/ 45	.3	2.8	1.2	1.0	.7	.5	.3											471	471	448	262					
44/ 43	.4	2.5	1.0	1.3	.6	.7	.2											478	478	460	344					
42/ 41	.4	1.6	1.3	1.1	.7	.5	.1											389	389	447	333					
40/ 39	.4	2.0	1.1	.9	.8	.5	.0											405	405	441	314					
38/ 37	.2	1.7	.9	1.1	.6	.4	.0											342	342	437	311					
36/ 35	.2	1.4	1.2	.9	.8	.1												317	317	350	345					
34/ 33	.0	1.4	1.3	.8	.9	.0												312	312	366	320					
32/ 31	.1	1.8	1.1	1.2	.4													324	324	374	313					
30/ 29	.1	1.0	1.1	.7	.2													212	212	349	279					
28/ 27	.2	1.2	.7	.8	.0													199	199	294	302					
26/ 25	.1	.7	.7	.3														121	121	281	338					
24/ 23	.1	.4	.3	.2														75	75	175	181					
22/ 21	.0	.9	.4	.1														72	72	132	257					
20/ 19	.0	.4	.2															38	38	88	235					
18/ 17		.3	.1															29	29	49	185					
16/ 15		.2	.1															21	21	37	156					
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.																Mean No. of Hours with Temperature					
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total															
Dry Bulb																										
Wet Bulb																										
Dew Point																										

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 JAN

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point			
14/ 13		.1																8	8	23	177			
10/ 11																				9	146			
11/ 9																					175			
8/ 7																					82			
6/ 5																					59			
4/ 3																					52			
2/ 1																					42			
0/ -1																					26			
-2/ -3																					23			
-4/ -5																					6			
-6/ -7																					2			
-8/ -9																					1			
TOTAL	4.9	36.8	20.7	16.0	10.7	6.1	3.0	1.2	.5	.1	.0						7017	7017	7017	7017				
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.												Mean No. of Hours with Temperature							
Rel. Hum.	37333092	490984	70.0	20.605	7017												$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total	
Dry Bulb	15427277	318173	45.3	11.940	7017													116.5	23.2	6.5	.3			744
Wet Bulb	12918604	289400	41.2	11.837	7017													192.0	3.4					744
Dew Point	10293909	245729	35.0	15.514	7017												6.1	322.0	.5					744

USAFETAC FORM 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70, 73, 75-81
YEARS

FEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.4	.4				.1										7	7		
64/ 63		.4	.4	.3	.1		.7											14	14		
62/ 61		1.0	1.0	.6														18	18	8	
60/ 59	.1	.4	2.2	.7			.6											28	28	14	8
58/ 57	.7	3.1	1.3	.3	.4	.1		.1										42	42	33	21
56/ 55		1.3	1.6		.7	.1	.3											28	28	33	23
54/ 53	.4	.3	.6	.4	.6	.4												19	19	24	31
52/ 51	.3	.9	1.0	.6	.9	.7	.1											31	31	18	20
50/ 49		1.9	1.2	1.2	.6	.7												38	38	21	10
48/ 47		2.2	1.3	1.2	1.6													43	43	29	22
46/ 45		3.1	1.3	.9	.4													39	39	38	23
44/ 43	.1	1.3	1.0	1.9	.4	.1												34	34	51	23
42/ 41	.1	2.8	2.1	1.0	.4													44	44	42	24
40/ 39	.7	3.2	1.9	.4		.1												44	44	58	40
38/ 37		1.6	1.2	1.0	.6													30	30	39	50
36/ 35	.1	2.4	1.2	1.6	.3													38	38	36	35
34/ 33	.1	2.5	2.1	.6	.3													38	38	33	35
32/ 31		2.8	3.5	1.3														52	52	34	52
30/ 29	1.2	1.9	2.7	.4														42	42	56	32
28/ 27	.1	1.9	1.6	.6	.1													30	30	42	40
26/ 25	.1	1.9	.4	.1														18	18	41	34
24/ 23		.3																2	2	27	23
22/ 21																				4	24
20/ 19																				1	46
18/ 17																					27
16/ 15																					11
14/ 13																					8
12/ 11																					9
10/ 9																					3
4/ 3																					2
0/ -1																					3
TOTAL	4.4	37.4	30.2	15.8	7.7	2.5	1.8	.3										679	679		679

Element (X)	Z _K '	Z _K	X	σ _s	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3791539	49567	73.0	15.981	679	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1350136	29382	43.3	10.774	679		17.8					84
Wet Bulb	1146884	26998	39.8	10.416	679		25.4					64
Dew Point	920494	23502	34.6	12.564	679	.4	38.8					64

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

70, 73, 75-81
YEARS

FEB
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67			.4	.4														6	6					
66/ 65		.3	.1															3	3					
64/ 63		.4	1.0		.1													11	11	5	2			
62/ 61		.7	1.2	.6		.1												18	18	7	1			
60/ 59	.3	1.3	1.3		.4	.3												25	25	18	12			
58/ 57	.4	2.4	.7															27	27	29	26			
56/ 55	.3	1.3	1.9	.1	.1	.1												27	27	23	20			
54/ 53	.1	.4	1.2		1.3	.7												24	24	16	19			
52/ 51	.4	.3	1.3	.1	1.3													24	24	20	18			
50/ 49		1.3	1.3	.4	.6													25	25	18	16			
48/ 47		1.3	1.3	1.0	.6													29	29	23	16			
46/ 45	.1	1.6	1.2	1.0	.6													31	31	30	19			
44/ 43		2.4	2.2	1.0	.4													41	41	35	19			
42/ 41	.6	1.9	1.5	1.0	.7	.1												40	40	37	17			
40/ 39	.1	2.6	2.9	.9	.3													47	47	46	27			
38/ 37	.3	4.7	1.3	.9	.1													50	50	39	33			
36/ 35	.3	2.2	2.1	.7														36	36	61	47			
34/ 33	.6	3.1	2.2	.9														46	46	45	45			
32/ 31		2.1	2.5	1.9	.3													46	46	39	58			
30/ 29	.3	2.6	3.2	.7														47	47	37	31			
28/ 27	.3	2.8	1.5	.3														33	33	49	36			
26/ 25		3.1	1.5	.3														33	33	48	39			
24/ 23		.9																6	6	40	29			
22/ 21		.4	.1															4	4	9	26			
20/ 19			.1															1	1	5	37			
18/ 17																					29			
16/ 15																				1	23			
14/ 13																					18			
12/ 11																					5			
10/ 9																					4			
8/ 7																					5			
2/ 1																					2			
0/ -1																					1			
Element (X)	Σ X ¹	Σ X ²	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
STATION

MYRTLE BEACH AFB SC
STATION NAME

70,73,75-81
YEARS

FEB
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	4.3	40.3	34.3	12.5	6.8	1.8	.1											680	680	680	680	
Element (X)	Σ x'	Σ x	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature				
Rel. Hum.	3879097	50355	74.1	14.875	680	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1260557	28291	41.6	11.091	680		21.0	.7													84	
Wet Bulb	1085100	26142	38.4	10.861	680		28.2														64	
Dew Point	879026	22792	33.5	13.019	680		.1	42.4													84	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
66/ 65		.4	.4	.4														9	9		
64/ 63		1.3	.5	.1	.1													17	17	6	2
62/ 61		1.2	.7	.1														17	17	14	11
60/ 59		1.2	1.3	.2	.1	.2												26	26	16	6
58/ 57	.4	2.4	1.0	.1		.2												34	34	30	24
56/ 55	.4	2.4	1.0		.2	.4												36	36	39	36
54/ 53	.5	1.6	2.0		.2	.1												36	36	25	28
52/ 51	.2	1.0	.6	.2	.5													21	21	25	24
50/ 49	.1	.6	.5	1.1	.2													21	21	26	21
48/ 47		1.8	1.3	1.6	.9													46	46	12	24
46/ 45	.2	2.1	1.3	.5	.2													36	36	36	14
44/ 43	.1	1.2	2.1	.6	.1													34	34	37	15
42/ 41	.5	2.0	1.8	.6	.2													42	42	47	29
40/ 39	.7	2.3	3.4	1.0	1.0													69	69	55	29
38/ 37	.5	3.5	1.6	.7	.2													54	54	48	53
36/ 35	.6	3.2	2.7	1.6	.4													69	69	60	51
34/ 33	.2	2.0	2.3	.6	.2													44	44	62	45
32/ 31	.2	3.5	1.5	.9														50	50	46	67
30/ 29	.5	2.2	3.5	.5														55	55	60	37
28/ 27	.2	2.1	1.7	1.0														41	41	39	53
26/ 25	.1	2.0	1.0	.6														30	30	55	38
24/ 23	.2	.6	1.3	.1														19	19	39	19
22/ 21	.2	.7																8	8	26	31
20/ 19			.1															1	1	11	43
18/ 17																					28
16/ 15		.1																1	1	1	25
14/ 13		.1																1	1	2	30
12/ 11																					6
10/ 9																					13
8/ 7																					4
6/ 5																					8
2/ 1																					3
TOTAL	6.1	41.7	33.8	12.6	4.8	1.0												817	817	817	817
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Num.	4834928	61614	75.4	15.191	817	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1493767	33727	41.3	11.151	817		21.2					84									
Wet Bulb	1306070	31360	38.4	11.199	817		28.7					84									
Dew Point	1078763	27519	33.7	13.641	817		41.6					84									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 70,73-81 YEARS FEB MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
76/ 75						.1		.1									2	2		
74/ 73						.1	.1										2	2		
72/ 71			.1		.2	.2	.1	.1	.1								8	8		
70/ 69		.1		.2	.1	.4	.2	.1									10	10		
68/ 67		.1	.1	1.1	.2	.1	.1		.1								16	16	2	
66/ 65		1.1	.1	.4	1.1	.4	.2										27	27	2	1
64/ 63	.4	1.5	.8	1.3	.2	.5	.4	.2	.2								47	47	24	9
62/ 61	.1	.7	1.7	1.1	.6	.2	.2	.5	.1								44	44	25	18
60/ 59		1.4	.7	1.3	.4	.2	.6	.5	.4								46	46	29	18
58/ 57		2.3	.9	.6	.8	.9	.6	.4	.1								56	56	56	19
56/ 55	.1	.7	.6	.7	.4	.9	.9	.6									42	42	33	48
54/ 53	.5	1.8	1.2	.6	.9	.7	.6	.1									54	54	46	37
52/ 51		.6	.4	.6	2.3	1.5	.4										48	48	31	26
50/ 49		.6	.8	.2	.6	1.1	.2										30	30	37	31
48/ 47		1.1	.7	1.5	2.5	.2	.8										58	58	38	22
46/ 45		.8	1.3	1.5	.7	.5	.4										44	44	52	38
44/ 43	.1	.6	.7	1.7	.9	.8	.5										45	45	47	22
42/ 41	.1	.6	1.1	1.5	.9	1.1											45	45	60	21
40/ 39	.6	.8	1.5	1.8	1.3	.7											57	57	59	32
38/ 37	.1	.9	.6	.9	.8	.1											30	30	46	38
36/ 35	.1	.4	.7	1.4	1.2	.4											35	35	60	37
34/ 33	.2	.1	.5	1.5	1.7												34	34	38	45
32/ 31		.1	.5	1.8	.7												26	26	33	54
30/ 29		.4	.4	1.2	.4												19	19	31	47
28/ 27	.1	.2	.6	.5													12	12	40	29
26/ 25	.1	.1	.2	.1													5	5	26	35
24/ 23																			19	21
22/ 21																			7	25
20/ 19			.1														1	1	1	19
18/ 17																			1	38
16/ 15																				34
14/ 13																				24
12/ 11																				12
10/ 9																				17
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
 STATION STATION NAME

70,73-81
 YEARS

FEB
 MONTH

PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		=31	Dry Bulb	Wet Bulb
79 / 79										.1							1	1		
77 / 77							.2	.1							.7		5	5		
75 / 75					.1	.2	.1		.1	.1	.1						7	7		
73 / 73				.1	.2	.1	.4	.1	.1								9	9		
71 / 71				.2	.1	.5	.7	.4	.2								21	21		
69 / 69			.2	.1	.9	.5	.8		.4								25	25		
67 / 67		.1	.2	.8	.9	.5	.2	.5	.2	.6							35	35		4
65 / 65		.1	.8	1.2	1.5	.6	.5	.2	.7	.1							49	49	11	7
63 / 63	.1	1.4	.6	1.2	1.1	1.1	.2	.8	.1	.5							60	60	21	6
61 / 61	.1	1.2	.6	1.3	1.2	.8	.9	.7	.2	.1							61	61	38	17
59 / 59		1.3	.6	1.1	.9	1.2	1.3	.8	.7								67	67	54	25
57 / 57		.5	.2	.6	.6	.9	.8	1.4	.1								44	44	54	32
55 / 55	.2	.5	.5	.4	1.3	.9	1.5	.6	.2	.1							53	53	37	38
53 / 53	.5	.6	.5	.2	.9	1.2	1.5	.4	.4								52	52	49	26
51 / 51		.2	.9	.6	.6	1.7	1.5	.6	.1								53	53	43	32
49 / 49		.4	.2	.1	1.4	.9	.9	.4									37	37	46	36
47 / 47		.4	.6	.4	.6	.7	1.5	.2									37	37	47	47
45 / 45		.2	.5	1.1	.6	2.4	1.1										49	49	52	19
43 / 43	.1	.2	.2	.2	.9	1.1	.6										29	29	56	27
41 / 41	.6	.5	.6	.8	1.1	.5	.4										37	37	60	32
39 / 39	.4	.7	.1	.2	1.8	1.5	.1										41	41	48	28
37 / 37		.5	.2	.5	1.2	1.9											36	36	46	34
35 / 35		.1	.1	.1	1.2	.2											15	15	53	33
33 / 33	.1	.1	.1	.2	.5												9	9	25	36
31 / 31		.4		.6	.1												9	9	33	48
29 / 29	.1	.4															4	4	34	45
27 / 27																			25	33
25 / 25																			9	26
23 / 23																				21
21 / 21																				29
19 / 19																				33
17 / 17																				22
15 / 15																				29
13 / 13																				23
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 FEB
STATION STATION NAME YEARS MONTH
PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
79/ 79												.1						1	1		
78/ 77														.1				1	1		
76/ 75						.1								.2				3	3		
74/ 73					.2													6	6		
72/ 71					.1	.5	.6	.9						.4	.1			22	22		
70/ 69				.2	.6	.4	.4	.6	.1									19	19		
68/ 67		.4	.1	.7	.7		.2	.2	.6									25	25	1	
66/ 65		.1	.4	1.2	.9	.8	.1		.2	.5								36	36	8	2
64/ 63		1.4	1.3	1.2	1.3	.9	.4	.4	.7	.4								67	67	8	3
62/ 61		.8	1.1	1.4	.6	.8	.6	.1	.4	.4								49	49	41	11
60/ 59		.4	1.5	2.5	1.4	.7	1.2	.6	.5	.1								75	75	38	14
58/ 57	.2	.8	1.4	1.5	1.7	1.3	.7	.5	.5									73	73	52	34
56/ 55		.7	.8	.8	.6	.5	2.2	.8	.1	.1								57	57	55	29
54/ 53	.6	1.1	.9	.9	.7	1.4	.7	1.1	.2									65	65	57	39
52/ 51	.1	.4	.7	.9	1.4	1.2	.5	.6	.2									51	51	67	42
50/ 49		.5	.8	1.4	1.2	.5	.4											40	40	47	45
48/ 47		.5	.5	.9	.7	.7	.7	.1										35	35	49	41
46/ 45		.1	1.3	1.2	1.4	1.1	1.2	.1										54	54	48	46
44/ 43	.1	.6	.6	.6	2.0	.6	1.3											49	49	69	29
42/ 41	.1	.2		.9	.5	1.8												30	30	58	24
40/ 39	.5	.4	.6	.2	.9	1.8												37	37	44	41
38/ 37		.5	.2	.7	.9	1.3												31	31	50	38
36/ 35		.1	.1		.7													8	8	48	36
34/ 33	.1																	1	1	26	29
32/ 31	.2			.4														5	5	37	59
30/ 29		.5																4	4	23	28
28/ 27		.2																2	2	18	41
26/ 25																				2	26
24/ 23																					23
22/ 21																					30
20/ 19																					25
18/ 17																					18
16/ 15																					21
14/ 13																					12
Element (X)	ΣX^2		ΣX		\bar{X}	σ_s	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10717 MYRTLE BEACH AFB SC 70,73-81 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 2 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					19
11/ 9																					18
8/ 7																					11
5/ 5																					9
4/ 3																					1
2/ 1																					2
1/ -1																					1
TOTAL	2.0	9.6	11.6	17.3	18.9	17.3	11.5	6.4	3.5	1.1	.7	.2						846		846	
																		846		846	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ^2	No. Obs.				Mean No. of Hours with Temperature						Total						
Rel. Num.	2950074	46706	55.220	9.68	846				≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	2547259	45695	54.0	9.677	846					1.1	7.6	1.1	.1		84						
Wet Bulb	1895125	39219	46.4	9.569	846					7.9	.1				84						
Dew Point	1310133	30913	36.5	14.618	846				.1	34.1					84						

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 70,73-81 YEARS FEP
 STATION STATION NAME MONTH
 PAGE 1 1870-2000
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
77/ 69						.1		.1			.1							3	3	
68/ 67			.4			.4	.2	.2	.1	.1								14	14	
66/ 65		.5	.9	.9	.1	.1		.5	.1	.1								28	28	1
64/ 63		.5	1.1	.5	.2	.5	.4		.1	.1								28	28	7
62/ 61		1.4	1.1	.9	.5	.4	.1	.2	.1									40	40	16
58/ 59		1.2	1.2	1.8	.1	.4	.2	.2										43	43	36
55/ 57	.1	1.9	2.6	.8	.4	.6	.5											58	58	28
55/ 55	.4	1.4	2.6	.7	.8	.4	.5	.1	.1									59	59	46
54/ 53	.2	.9	3.2	.9	1.3	.5	.2											62	62	61
52/ 51	.5	1.4	.7	1.8	1.7	.5	.5	.1										60	60	50
50/ 49		.7	2.3	2.7	.7	.5	.5	.1										63	63	55
48/ 47		1.2	1.3	1.1	.9	.5	.4											45	45	49
46/ 45	.2	1.9	1.8	1.7	.8													54	54	66
44/ 43		2.1	1.7	1.9	.7	.7	.1											61	61	64
42/ 41		.7	1.4	1.2	1.1	.6												42	42	61
41/ 39	.5	.6	1.3	.9	.9	.7												42	42	48
38/ 37	.1	.9	1.7	1.4	1.1	.1												45	45	47
36/ 35		.7	.7	1.1	1.3	.2												34	34	44
34/ 33	.4	.9	.7	.7	1.1	.1												33	33	47
32/ 31		.1	.5	1.1	.1													15	15	38
30/ 29		.2	.6	.2														9	9	27
28/ 27		.4	.1	.1														5	5	27
26/ 25		.1																1	1	23
24/ 23																				2
22/ 21																				1
20/ 19																				
18/ 17																				18
16/ 15																				30
14/ 13																				10
12/ 11																				15
10/ 9																				7
8/ 7																				7
6/ 5																				1
4/ 3																				2
Element (X)	ΣX'		ΣX		X	s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717
 STATION

MYRTLE BEACH AFB SC
 STATION NAME

70,73-81
 YEARS

FEB
 MONTH

PAGE 2

1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb		Wet Bulb	Dew Point		
TOTAL	2.4	19.9	27.7	22.5	14.2	7.0	3.6	1.5	.7	.4	.1								844	844	844		
Element (X)	Z _{X1}	Z _X	X	C _X	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	4014841	56533	66.4	18.701	844	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb	2115350	41458	49.1	9.674	844		3.0	1.7				84											
Wet Bulb	1717360	37190	44.1	9.657	844		11.7					84											
Dew Point	1326185	31565	37.4	13.146	844		29.6					84											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC 70,73-81 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb
67/ 67			.2	.1													3	3		
66/ 65		.1	.1	.4		.1	.2										8	8		
64/ 63		.6	1.1	.4	.1		.2	.1									21	21	3	
62/ 61		1.6	1.2	.5	.4	.4		.1									34	34	11	3
60/ 59		1.5	1.7	.7	.4	.7		.1									42	42	28	16
58/ 57	.5	2.2	2.7		.4	.6											52	52	40	32
56/ 55		1.5	1.5	.1	.7	.1	.4										35	35	36	32
54/ 53	.5	.4	1.6	1.2	.6	.6	.1										41	41	36	26
52/ 51	.4	1.2	1.0	1.2	.5	.9											42	42	30	30
50/ 49		2.0	2.0	1.5	1.0	.9											59	59	37	27
48/ 47	.2	2.6	1.1	1.1	1.0	.1											50	50	51	30
46/ 45		2.5	2.1	.6	.5	.1	.1										48	48	48	27
44/ 43	.2	2.3	1.9	1.6	.5	.2											55	55	63	37
42/ 41		2.5	2.0	.7	.5	.4											49	49	58	50
40/ 39	.6	1.5	1.1	.4	.6	.2											36	36	63	59
38/ 37	.1	2.5	1.4	.2	.6												39	39	42	50
36/ 35	.4	2.0	2.0	.5	.4												42	42	44	45
34/ 33	.1	2.3	1.6	1.1	.4												45	45	35	42
32/ 31	.1	3.6	1.7	1.4	.5												59	59	52	38
30/ 29	.1	.6	2.0	.4	.2												27	27	48	56
28/ 27		.7	.6	.1													12	12	31	45
26/ 25		.7	.4														9	9	33	28
24/ 23			.1														1	1	14	21
22/ 21																			6	13
20/ 19		.1															1	1	1	20
18/ 17																				25
16/ 15																				15
14/ 13																				16
12/ 11																				13
10/ 9																				3
8/ 7																				2
6/ 5																				1
2/ 1																				1
-2/ -3																				2
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) JAN 64 REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

70,73-81

FEB

MONTH

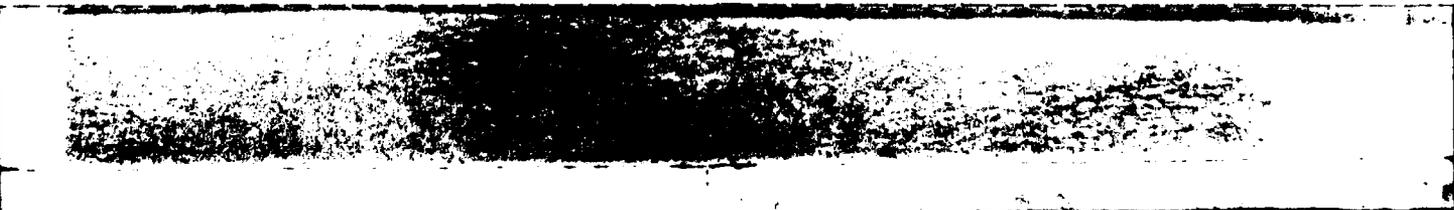
YEARS

PAGE 2 2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.3	35.1	31.1	14.3	9.3	5.4	.9	.5	.1									810	810	810	810
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4481817	58711	72.5	16.724	810	$\leq 0 F$	$\leq 32 F$	$= 67 F$	$= 73 F$	$= 80 F$	$= 93 F$	Total									
Dry Bulb	1775912	36982	45.7	10.396	810		11.3	.3				84									
Wet Bulb	1504663	33921	41.9	10.197	810		19.2					84									
Dew Point	1219710	29704	36.7	12.697	810	.2	31.5					84									

FORM 0-20-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC 70,73-81 FEB
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
79/79										.0		.0						2	2	
78/77								.0	.0			.0	.0					6	6	
76/75					.0	.1	.0	.0	.0	.0	.0							12	12	
74/73				.0	.1	.0	.0	.0	.0	.0								17	17	
72/71			.0	.0	.1	.2	.2	.2	.0	.0	.0	.0						51	51	
70/69		.0	.0	.1	.2	.2	.2	.1	.0	.0	.0							57	57	
68/67		.1	.2	.4	.3	.1	.1	.1	.1	.1								99	99	7
66/65		.3	.4	.6	.5	.3	.1	.1	.1	.1								167	167	22
64/63	.1	1.0	.9	.6	.4	.4	.3	.2	.2	.1								265	265	74
62/61	.0	1.1	1.1	.8	.4	.3	.3	.2	.1	.0								281	281	160
60/59	.0	1.1	1.3	1.1	.5	.5	.5	.3	.2	.0								352	352	233
58/57	.3	1.9	1.4	.5	.5	.7	.3	.3	.1									386	386	319
56/55	.2	1.2	1.3	.4	.6	.5	.8	.3	.1	.0								337	337	302
54/53	.4	.9	1.4	.6	.8	.7	.4	.2	.1									353	353	314
52/51	.2	.8	.8	.8	1.1	.8	.4	.2	.0									330	330	284
50/49	.0	1.0	1.0	1.0	.8	.7	.3	.1										313	313	287
48/47	.0	1.4	1.0	1.1	1.1	.3	.5	.0										343	343	298
46/45	.1	1.5	1.4	1.1	.7	.5	.4	.0										355	355	370
44/43	.1	1.3	1.3	1.2	.8	.5	.3											348	348	422
42/41	.3	1.3	1.3	1.0	.7	.6	.0											329	329	423
40/39	.5	1.4	1.6	.7	.9	.7	.0											373	373	421
38/37	.1	1.8	1.0	.8	.7	.5												315	315	357
36/35	.2	1.3	1.2	.9	.7	.1												277	277	406
34/33	.2	1.3	1.1	.7	.5	.0												250	250	311
32/31	.1	1.5	1.2	1.1	.2													262	262	312
30/29	.3	1.0	1.5	.4	.1													207	207	316
28/27	.1	1.0	.7	.3	.0													135	135	271
26/25	.0	.9	.4	.1														96	96	237
24/23	.0	.2	.2	.0														28	28	141
22/21	.0	.1	.0															12	12	53
20/19		.0	.0															4	4	19
18/17																				1
16/15		.0																1	1	2
14/13		.0																1	1	2
Element (X)	Σx'	Σx		X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Num.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 44 0-26-5 (OL A) REPRODUCED BY PERMISSION OF THE HEADQUARTERS AIR FORCE OBSERVATORY

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

70,73-81

YEARS

FEB

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					103
12/ 9																					84
8/ 7																					47
6/ 5																					35
4/ 3																					15
2/ 1																					13
0/ -1																					5
-2/ -3																					2
TOTAL	3.4	25.6	23.6	16.5	12.9	8.5	5.2	2.5	1.2	.5	.1	.1					6364	6364	6364	6364	
Element (X)	Σ x'	Σ x	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	30189203	419237	65.9	20.103	6364		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	15268371	302819	47.6	11.623	6364			78.8	25.8	3.9	.2		672								
Wet Bulb	12228196	270292	42.5	10.845	6364			143.0	.7				672								
Dew Point	9242332	225712	35.5	13.943	6364		.7	291.7					672								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73,75-80 MAR
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
74/ 73			.1	.3														3	3	
72/ 71			.3		.1	.1												4	4	
70/ 69			.7			.1												6	6	2
68/ 67		.1	1.0	.1			.3											12	12	7
66/ 65		3.0	1.0	.1		.3	.3		.1									37	37	4
64/ 63		3.3	3.1	.3	.1		.1											53	53	32
62/ 61		2.7	2.1	.8			.4		.1									47	47	42
60/ 59		3.4	1.6	.4	.9	.1		.3		.1								51	51	46
58/ 57		5.2	.8	.3	.8	.1		.1		.1								56	56	53
56/ 55		2.7	3.5	.8	.1	.1	.1	.1										58	58	51
54/ 53	.5	3.4	2.7	1.2	.4	.4												66	66	45
52/ 51	.1	2.0	3.8	.9	.7	.1												58	58	61
50/ 49	.1	3.0	3.0	.8	.8	.3												61	61	56
48/ 47	.4	3.5	1.4	.8	.5	.3												53	53	69
46/ 45	.4	2.4	1.6	1.2	.5	.1												47	47	64
44/ 43	.3	.9	1.4	1.2	.7													34	34	44
42/ 41	.3	.9	1.0	.7	.3													24	24	31
40/ 39	.7	2.5	1.2	.3	.4													38	38	47
38/ 37		1.7		.1	.1													15	15	32
36/ 35		.8	.4	.1														10	10	33
34/ 33	.1	.4	.5	.1														9	9	10
32/ 31		.5	.8															10	10	8
30/ 29		.1	.3															3	3	11
28/ 27		.7	.1															6	6	5
26/ 25		.4																3	3	10
24/ 23		.1																1	1	2
22/ 21																				
20/ 19																				
18/ 17																				
TOTAL	2.9	43.8	32.5	10.3	6.4	2.1	1.2	.5	.1	.1								765	765	765
Element (X)	Z _H '	Z _H	I	°	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	4827171	59859	78.2	13.729	765	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb	2151556	39930	52.2	9.332	765		2.8	3.0	.4			93								
Wet Bulb	1893983	37309	48.9	9.338	765		4.4	1.1				93								
Dew Point	1662641	34639	45.3	11.125	765		13.4	.2				93								

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 FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC AIR 34

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC

69-70,73,75-80

MAP
 MONTH

PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb
74/ 73					.1												1	1		
72/ 71			.3														2	2		
70/ 69			1.0			.3											10	10		
68/ 67		.9	1.3	.3													19	19	2	2
66/ 65		2.7	1.0	.1	.1	.5	.1										36	36	19	3
64/ 63		3.4	1.3	.5	.3	.1											43	43	29	19
62/ 61		2.9	1.0	.3													32	32	40	34
60/ 59		3.7	2.7	.1	.3												52	52	40	37
58/ 57		2.9	2.2	.3	.1												42	42	46	41
56/ 55	.1	4.6	2.5	.4	.1	.1	.3										62	62	52	44
54/ 53		2.2	3.8	.8		.4	.1										56	56	52	49
52/ 51	.5	1.3	3.1	.8	.1	.1	.1										47	47	40	45
50/ 49	.1	3.5	3.1	.3	.4	.1											58	58	46	32
48/ 47		4.3	1.3	.9	.9												57	57	67	44
46/ 45	.4	3.4	1.4	.7	.4												48	48	55	59
44/ 43		1.3	1.7	1.7	.5												40	40	50	50
42/ 41	.3	.8	1.2	.7													22	22	29	48
40/ 39	1.3	2.0	2.4	.4	.1												47	47	42	37
38/ 37	.1	1.7	1.0	.7													27	27	52	21
36/ 35		2.5	.1	.3													22	22	32	28
34/ 33			.5	.5													8	8	24	34
32/ 31	.3	.7	.5														11	11	8	39
30/ 29	.1	.4	.5														8	8	13	31
28/ 27		.5	.1														5	5	11	13
26/ 25		.8	.1														7	7	5	17
24/ 23			.1														1	1	7	4
22/ 21			.1														1	1	2	10
20/ 19																			1	12
18/ 17																				6
14/ 13																				1
12/ 11																				2
TOTAL	3.3	46.5	34.8	9.6	3.5	1.7	.7										764		764	764
																	764		764	
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.					Mean No. of Hours with Temperature										
Ref. Num.	4993526	61060	79.9	12.198	764	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2055512	38880	50.9	10.040	764		4.0	3.9	.1			93								
Wet Bulb	1833402	36632	47.9	10.045	764		5.7	.2				93								
Dew Point	1628757	34151	44.7	11.573	764		16.7	.2				93								

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-73, 73-80
 YEARS

MAY
 MONTH

PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.1	.1	.1													3	3		
72/ 71		.1	.1	.2														4	4		
70/ 69		.1	.9	.1	.1													11	11	2	
68/ 67	.1	.6	1.8	.7	.2													30	30	9	4
66/ 65		2.1	1.6	.9	.1													42	42	15	1
64/ 63	.1	2.7	.9	1.2	.4	.4												52	52	37	12
62/ 61	.1	4.4	1.3	.1	.1			.1										56	56	48	34
60/ 59	.6	3.9	2.0	.8	.1		.1											67	67	70	61
58/ 57	.8	3.8	1.3	.4	.2	.2	.2											63	63	67	67
56/ 55	.3	2.9	2.0	1.1	.2	.2	.1											62	62	61	63
54/ 53	.2	2.1	1.9	1.3	.1	.1	.3											55	55	46	47
52/ 51	.2	1.8	2.7	.2	.1	.2												47	47	40	43
50/ 49	.1	2.8	3.1	.4	.1	.4												63	63	65	47
48/ 47	.6	4.5	1.0	.4	.9	.4												71	71	71	47
46/ 45	.1	1.4	1.2	.9	1.1	.3												46	46	65	64
44/ 43	.2	2.3	.9	1.3	.3													46	46	31	62
42/ 41	.1	.7	2.0	.7														31	31	42	38
40/ 39	.3	2.5	1.4	.3														42	42	42	32
38/ 37	.6	1.4	1.2	.4														33	33	65	29
36/ 35	.1	.9	1.3	.4														25	25	39	32
34/ 33	.2	.7	.8	.1														16	16	25	33
32/ 31	.1	.7	.9	.1														16	16	17	44
30/ 29		.6	.3															8	8	18	33
28/ 27		.3																3	3	11	28
26/ 25	.1	.6																6	6	8	27
24/ 23		.2																2	2	5	18
22/ 21																				1	6
20/ 19		.3																3	3		19
18/ 17																				3	5
16/ 15																					1
10/ 9																					3
TOTAL	5.0	44.3	30.7	12.4	4.3	2.4	.8	.1											903		903
																			903		903
Element (X)	Z _X '	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5846884	71642	79.3	13.442	903	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	2487534	46464	51.5	10.355	903		3.9	4.9	.3			93									
Wet Bulb	2209871	43677	48.4	10.384	903		6.5	1.1				93									
Dew Point	1959961	40617	45.0	12.143	903		18.2	.4				93									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83									.1									1	1		
82/ 81						.1	.1	.1	.1									4	4		
80/ 79					.1		.1	.1	.1									4	4		
78/ 77				.1	.4	.2	.2	.1										10	10		
76/ 75			.3	.2	.1	.2	.1	.1										10	10		
74/ 73		.2	1.1	.8	.4	.8	.2	.1										33	33		
72/ 71	.1	.5	.4	1.1	.4	.4												28	28	8	
70/ 69	.1	1.1	1.0	1.2	1.3	.9	.2	.2	.3	.1								59	59	9	1
68/ 67	.5	1.6	.6	1.0	.9	.4	.5	.2	.3									57	58	25	8
66/ 65	1.6	1.0	1.7	1.6	.5	1.1	.1	.3										74	75	35	22
64/ 63	.2	2.6	.5	1.6	1.2	.8	.8	.5	.3									79	79	63	34
62/ 61	.1	2.6	1.0	1.2	1.1	.5	.2	.4	.1	.1								68	68	69	47
60/ 59	.5	1.9	1.7	.9	1.5	1.3	.6	.8	.4									90	90	79	59
58/ 57	.1	.5	1.2	1.1	1.0	.6	.4	.8										53	53	72	58
56/ 55	.1	.2	1.5	1.3	1.1	.6	.9	.5										57	57	50	50
54/ 53		1.2	2.3	.6	.5	1.1	1.3	.1										66	66	64	43
52/ 51		1.6	1.3	.4	.8	.9	.8											53	53	70	63
50/ 49		.9	.2	.6	1.1	.8	1.1											43	43	75	48
48/ 47	.2	1.4	.2		.8	1.2	.3											38	38	56	67
46/ 45	.1	.3	.1	.8	.5	.6	.3											26	26	36	51
44/ 43	.2	.4	.3	.3	.4	.6												22	22	52	44
42/ 41	.1	.1	.3		.6	.3												14	14	37	35
40/ 39	.8		.1	.4	.5	.2												19	19	41	35
38/ 37			.1	.1	.2													4	4	30	10
36/ 35			.2	.3														5	5	15	22
34/ 33			.2	.1														3	3	16	21
32/ 31			.1															1	1	11	37
30/ 29				.1														1	1	6	23
28/ 27		.1																1	1	2	23
26/ 25		.3																3	3	3	29
24/ 23			.1															1	1	2	18
22/ 21																				1	23
20/ 19																					14
18/ 17																					18
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-77,73-87

YEARS

MAP MONTH

PAGE 2 1900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point				
16/ 15																								5
14/ 13																								4
12/ 11																								5
10/ 9																								1
TOTAL	2.5	16.5	16.1	15.2	17.6	13.6	10.9	4.6	2.0	.9	.1									927	929	927	927	
Element (X)	Σx^2		Σx		\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	4152329		59171		63.8	20.135	927	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total										
Dry Bulb	3301508		54640		58.8	9.727	927		.7	20.7	6.2	.7		93										
Wet Bulb	2613339		48395		52.2	9.683	927		2.5	4.2				93										
Dew Point	2072721		42013		45.3	13.495	927		20.1	.9				93										

FORM 0-26-5 (O L A) REVISID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

MAP
 MONTH

PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
88/ 87																		3	3			
86/ 85										.1						.1	.4	.1	7	7		
84/ 83										.1		.1				.2			4	4		
82/ 81										.3	.3	.4	.2						12	12		
80/ 79								.2	.4	.2	.2	.1							11	11		
78/ 77								.3	.3	.3	.3	.1							10	10		
76/ 75				.4	1.2	.3	.1	.2		.1		.2					.1		23	23		
74/ 73				1.0	.3	1.0	1.0	.3	.2	.2	.2	.2						41	41	2		
72/ 71			.3	.8	1.2	1.1	.8	.8	.4		.3							52	52	7		
70/ 69			1.1	1.5	1.4	1.6	1.5	.3	.5	.2	.1	.1						78	78	18	1	
68/ 67		.1	2.4	1.0	1.3	1.6	.5	.6	.2	.4	.1							77	77	42	7	
66/ 65		1.1	1.2	1.0	.6	1.5	.8	.9	.8	.3	.1							76	76	32	26	
64/ 63	.1	2.3	1.0	1.3	1.9	1.3	1.0	.8	.4	.3								96	96	86	29	
62/ 61		.8	.8	1.5	1.0	1.3	.4	.5	.6	.1								65	65	70	59	
60/ 59		1.3	1.8	.5	1.5	1.4	1.5	.9	.6									89	89	59	60	
58/ 57		.6	.9	1.5	.4	.6	1.1	1.4	.2									63	63	86	41	
56/ 55		.6	1.0	1.3	.6	1.6	1.2	.4	.3									66	66	79	63	
54/ 53		1.2	.5	.2	.1	1.0	1.0	.5										42	42	58	53	
52/ 51		.3	.3	.2	.3	1.1	.5	.4										30	30	88	58	
50/ 49		.4			.5	.2	.3	.1										15	15	59	66	
48/ 47		.3	.1		.6	.4	.4											18	18	38	44	
46/ 45		.5		.1	.5	.2	.4											17	17	57	53	
44/ 43		.4	.1	.1		.4	.1											11	11	41	42	
42/ 41		.1		.1														2	2	35	36	
40/ 39	.5			.2	.4	.1												12	12	29	27	
38/ 37	.1			.1														2	2	11	25	
36/ 35																				15	25	
34/ 33					.1													1	1	4	28	
32/ 31		.3		.1														4	4	8	24	
30/ 29																				1	38	
28/ 27																				1	4	
26/ 25		.3																3	3	3	12	
24/ 23																				1	15	
22/ 21																					21	
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10717 MYRTLE BEACH AFB SC 69-70, 73-80 YEARS MAR
 STATION STATION NAME MONTH
 PAGE 2 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL																																																																			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																	
20/ 19																					13																																																																	
18/ 17																					10																																																																	
16/ 15																					6																																																																	
14/ 13																					10																																																																	
12/ 11																					3																																																																	
TOTAL	.8	10.8	11.4	12.8	14.8	17.8	13.7	8.8	4.9	2.0	1.3	.6	.2					930		930																																																																		
																		930			930																																																																	
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>$\Sigma X'$</th> <th>ΣX</th> <th>\bar{X}</th> <th>σ_x</th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th>Rel. Hum.</th> <td>3466573</td> <td>53637</td> <td>57.72</td> <td>0.040</td> <td>930</td> <th>$\leq 0 F$</th> <th>$\leq 32 F$</th> <th>$\leq 67 F$</th> <th>$\leq 73 F$</th> <th>$\leq 80 F$</th> <th>$\leq 93 F$</th> <td></td> </tr> <tr> <th>Dry Bulb</th> <td>3706387</td> <td>58057</td> <td>62.4</td> <td>9.399</td> <td>930</td> <td></td> <td>.7</td> <td>31.8</td> <td>11.1</td> <td>3.1</td> <td></td> <td>93</td> </tr> <tr> <th>Wet Bulb</th> <td>2791141</td> <td>50251</td> <td>54.0</td> <td>9.040</td> <td>930</td> <td></td> <td>1.4</td> <td>6.9</td> <td>.2</td> <td></td> <td></td> <td>93</td> </tr> <tr> <th>Dew Point</th> <td>2109884</td> <td>42534</td> <td>45.7</td> <td>13.310</td> <td>930</td> <td></td> <td>18.7</td> <td>.8</td> <td></td> <td></td> <td></td> <td>93</td> </tr> </thead> </table>																						Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total	Rel. Hum.	3466573	53637	57.72	0.040	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$		Dry Bulb	3706387	58057	62.4	9.399	930		.7	31.8	11.1	3.1		93	Wet Bulb	2791141	50251	54.0	9.040	930		1.4	6.9	.2			93	Dew Point	2109884	42534	45.7	13.310	930		18.7	.8				93
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																																																																										
Rel. Hum.	3466573	53637	57.72	0.040	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																																																																											
Dry Bulb	3706387	58057	62.4	9.399	930		.7	31.8	11.1	3.1		93																																																																										
Wet Bulb	2791141	50251	54.0	9.040	930		1.4	6.9	.2			93																																																																										
Dew Point	2109884	42534	45.7	13.310	930		18.7	.8				93																																																																										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

MAR
 MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1				.2						3	3		
86/ 85							.1	.1			.4	.1						7	7		
84/ 83									.2	.1								3	3		
82/ 81						.1			.1	.1								3	3		
80/ 79						.2	.2			.1		.1						6	6		
78/ 77				.3	.3	.3	.5	.2				.2						15	15		
76/ 75			.4	.5	.4	.4	.4	.3	.2	.6	.1							29	29		
74/ 73			.9	.6	1.2	.3	.1	.3	.1	.4								34	34	1	
72/ 71		.2	.8	1.2	.5	.1	.2	.1	.1	.2								32	32	3	
70/ 69	.2	1.0	1.8	1.4	.9	.9	.4	.3		.1	.3							68	68	11	
68/ 67	.1	2.5	1.1	1.8	1.6	.5	.8	.2	.1	.4								85	85	27	4
66/ 65	1.5	1.4	1.5	1.7	.6	.9	.4	.8	.1									83	83	44	20
64/ 63	.8	1.6	1.5	2.2	1.2	1.1	.4	.2										83	83	89	28
62/ 61	1.9	2.0	1.0	1.4	1.1	1.0	.9	.6	.2									94	94	51	50
60/ 59	1.1	2.6	.3	1.6	1.3	1.1	.6	.8										87	87	82	65
58/ 57	.9	1.0	1.0	2.0	1.0	1.4	.5	.4										76	76	90	53
56/ 55	1.5	.5	1.3	.9	2.0	1.1	.2											70	71	84	70
54/ 53	.6	.6	.4	.9	.6	.8	.9											45	45	60	64
52/ 51	.4	.8	.1	1.0	.4	.4	.4											29	29	79	61
50/ 49		.3	.3	.4	.3	.2	.3											18	18	71	42
48/ 47	.2	.2	.3	.2	.4	.4												17	17	52	53
46/ 45	.4		.1	.1	.1	.1												7	7	62	49
44/ 43	.4	.1	.3	.1														9	9	36	36
42/ 41	.1	.1	.2	.4														8	8	28	50
40/ 39	.3	.4		.3	.1													11	11	23	35
38/ 37				.1														1	1	12	29
36/ 35																				9	34
34/ 33	.3																	3	3	9	42
32/ 31																				2	25
30/ 29																				1	24
28/ 27																					18
26/ 25	.1	.2																3	3	1	11
24/ 23																				2	18
22/ 21																					12
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL.A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-72,73-80
 YEARS

MAP
 MONTH

PAGE 2 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
21 / 19																						13
18 / 17																						10
16 / 15																						7
14 / 13																						5
12 / 11																						1
TOTAL	.5	11.2	15.1	13.0	19.3	14.5	11.1	6.6	3.8	1.4	1.8	1.2	.5							930		929
																		929			929	
Element (X)	Z _H ¹	Z _H	X	%	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3664322	55340	59.6	19.907	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93										
Dry Bulb	3652388	57698	62.0	8.850	930		.3	28.5	10.0	1.9		93										
Wet Bulb	2781418	50231	54.1	8.397	929		.6	4.2	.1			93										
Dew Point	2130835	42951	46.2	12.502	929		14.4	.4				93										

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

YEARS

MAR
 MONTH

MONTH

PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.1										1	1		
84/ 83																	.1	1	1		
82/ 81										.1	.2							3	3		
78/ 77					.1				.1									2	2		
76/ 75				.1	.2			.1	.2							.1		7	7		
74/ 73				.1	.1	.4	.1	.1		.1	.1							10	10		
72/ 71			.3	.5	.5	.2	.2				.2							19	19	1	
70/ 69		.1	1.1	.4	1.0	.5	.2		.1	.1	.2							35	35	3	
68/ 67		.2	1.6	1.2	.2	.1		.2										33	33	13	2
66/ 65		1.6	1.7	1.5	.9	.2	.5	.3	.3	.1								67	67	22	10
64/ 63		3.0	1.4	1.7	.6	.4	.2		.3									72	72	46	22
62/ 61		3.1	3.2	1.9	1.1	.6	.6	.3	.1									103	103	78	38
60/ 59		4.0	3.1	1.8	1.0	.3	.3	.3	.1									102	102	76	62
58/ 57	.1	3.2	1.9	1.9	1.3	.6	.5	.2	.1									93	93	88	73
56/ 55	.1	2.4	1.4	3.3	1.0	1.0	.3	.4	.1									93	93	86	83
54/ 53		2.5	1.9	1.9	1.2	1.1	.3	.3										86	86	86	69
52/ 51		.3	1.2	1.1	1.1	.2	.6	.1										43	43	68	65
50/ 49		.6	1.3	1.2	.3	.1	.5											38	38	82	59
48/ 47		.4	.5	1.8	1.1													36	36	60	40
46/ 45		.5	1.0	.3	.8	.3												27	27	46	63
44/ 43	.2	.2	.2	.8	.1													14	14	52	49
42/ 41	.1	.2	.4	.3	.6													16	16	43	35
40/ 39	.3	.6	.1	.1	.3	.1												15	15	27	38
38/ 37	.1			.2	.1													4	4	26	46
36/ 35				.1														1	1	5	31
34/ 33			.1															1	1	6	28
32/ 31		.3	.1															4	4	7	23
30/ 29			.1															1	1	4	21
28/ 27																				1	16
26/ 25		.2																2	2	1	11
24/ 23		.1																1	1	3	12
22/ 21																					14
20/ 19																					14
18/ 17																					8
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 MAR 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15717 MYRTLE BEACH AFB SC 69-70, 73-80 YEARS MAP MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					1
TOTAL	1.0	23.8	22.8	22.5	13.5	6.3	4.7	2.7	1.4	.5	.6	.1						930		930	
																	930		930		
Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4799551	64677	69.5	18.017	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	3163958	53696	57.7	8.279	930		.8	11.1	2.4	.5		93									
Wet Bulb	2612022	48684	52.3	8.267	930		1.6	1.7				93									
Dew Point	2165445	43621	46.9	11.338	930		11.7	.2				93									

USAFETAC FORM 0-26-5 (OL A) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

MAR
 MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73						.1												1	1		
72/ 71								.1		.1								2	2		
70/ 69		.2	.7	.4	.3	.2	.1			.1								19	19		
68/ 67		.7	1.7	.3	.4	.2	.1	.2										33	33	4	1
66/ 65		2.6	1.2	1.0	.4	.1		.1	.1	.1								51	51	15	9
64/ 63	.1	2.6	2.7	1.2	.6	.3		.1	.3									71	71	47	25
62/ 61		2.4	2.3	1.0	.6	.2	.3											62	62	44	39
60/ 59		4.3	2.3	.8	1.1	.4												81	81	73	36
58/ 57	.1	4.7	2.1	.8	1.6	.2	.1											86	86	74	72
56/ 55	.3	3.8	2.8	1.3	.7	.1	.2											83	83	84	63
54/ 53	.2	2.8	3.3	1.8	.9	.7	.1											88	88	70	77
52/ 51		2.0	3.2	1.1	.4	1.0	.2											72	72	71	54
50/ 49	.3	1.1	1.4	1.3	.4	.7												48	48	92	62
48/ 47		1.3	1.2	1.1	.8	.6												45	45	55	47
46/ 45	.2	1.2	2.3	.8	.4	.2												47	47	55	68
44/ 43	.1	1.0	.8	1.1	.2													29	29	42	53
42/ 41		.4	1.7	.7														25	25	47	46
40/ 39	.3	1.3	.4	.4	.1													24	24	42	33
38/ 37	.2	.2	.2	.3														9	9	45	62
36/ 35			.2	.2														4	4	9	17
34/ 33			.3	.4														7	7	4	32
32/ 31		.2	.2															4	4	6	27
30/ 29		.1	.1															2	2	8	27
28/ 27		.2																2	2	5	18
26/ 25		.4																4	4	5	16
24/ 23																				2	7
22/ 21																					6
20/ 19																					13
16/ 15																					2
TOTAL	2.0	33.7	31.4	16.2	9.0	5.1	1.2	.6	.4	.3								899	899	899	899
Element (X)	Σ x'		Σ x		Σ x		Σ x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	5362030		68050		75.7		15.328		899		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	2751539		49147		54.7		8.491		899			1.2	5.7	.1			93				
Wet Bulb	2377147		45575		50.7		8.619		899			2.7	.4				93				
Dew Point	2060357		41929		46.6		10.803		899			11.3	.1				93				

USAFETAC FORM 44 0-26-5 (O.L.A.) REV. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAR MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
88/ 87									.0	.0			.0					6	6		
86/ 85									.0	.0			.0					15	15		
84/ 83									.0	.1	.0							9	9		
82/ 81								.1	.1	.1	.1	.0						22	22		
80/ 79						.0	.1	.1	.1	.0	.0					.0		21	21		
79/ 77				.0	.2	.1	.1	.0	.0		.0				.0			37	37		
76/ 75				.2	.3	.1	.1	.1	.1	.0	.1	.0			.0			69	69		
74/ 73			.1	.4	.3	.4	.3	.1	.0	.1	.0	.1						126	126	3	
72/ 71		.0	.3	.4	.5	.3	.2	.1	.1	.0	.1	.0						143	143	19	
70/ 69		.1	.9	.7	.7	.6	.5	.1	.2	.1	.1	.1						286	286	45	3
68/ 67	.0	.4	1.8	.7	.7	.6	.2	.3	.1	.1	.1	.1						346	347	129	29
66/ 65		2.0	1.3	1.0	.7	.5	.5	.2	.3	.1	.0							466	467	186	108
64/ 63	.1	2.5	1.5	1.2	1.0	.6	.4	.2	.2	.1								549	549	429	185
62/ 61	.0	2.6	1.7	1.0	.7	.5	.4	.3	.2	.1								527	527	442	329
60/ 59	.1	2.9	2.2	.7	1.0	.6	.5	.4	.3									619	619	525	424
58/ 57	.1	2.7	1.4	.9	1.0	.5	.5	.4	.1									532	532	576	455
56/ 55	.1	2.3	1.8	1.4	.6	.8	.5	.2	.1									551	552	547	476
54/ 53	.1	2.0	2.1	1.0	.5	.7	.5	.2										504	504	481	452
52/ 51	.1	1.2	2.0	.6	.6	.5	.3	.1										379	379	517	429
50/ 49	.1	1.5	1.5	.6	.5	.4	.3	.1										344	344	546	399
48/ 47	.1	1.9	.7	.7	.7	.4	.2											335	335	468	394
46/ 45	.1	1.2	.9	.6	.6	.3	.1											265	265	440	461
44/ 43	.1	.9	.7	.8	.3	.1	.0											205	205	348	399
42/ 41	.1	.4	.8	.4	.3	.0												142	142	292	322
40/ 39	.6	1.1	.7	.3	.3	.1												208	208	293	266
38/ 37	.1	.6	.3	.2	.1													95	95	273	265
36/ 35	.0	.5	.3	.2														67	67	157	224
34/ 33	.0	.2	.3	.2	.0													48	48	98	246
32/ 31	.0	.3	.3	.0														50	50	67	250
30/ 29	.0	.1	.2	.0														23	23	62	205
28/ 27		.2	.0															17	17	36	168
26/ 25	.0	.4	.0															31	31	36	130
24/ 23		.1	.0															6	6	24	95
22/ 21			.0															1	1	4	103
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS MAR MONTH PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
20/ 19		.0																3	3	1	110
18/ 17																				3	63
16/ 15																					21
14/ 13																					21
12/ 11																					11
10/ 9																					4
TOTAL	2.2	28.0	23.9	14.2	11.4	8.3	5.8	3.1	1.7	.7	.5	.3	.1				7047	7050	7047	7047	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	37112386	493432	70.0	19.069	7047	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	23270382	398520	56.5	10.267	7050		13.8	114.1	32.2	6.5		744
Wet Bulb	19112320	360834	51.2	9.502	7047		24.6	20.7	.3			744
Dew Point	15790601	322451	45.8	12.127	7047		124.7	3.4				744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point																		
76/ 75				.4	.3			.1										6	6																				
74/ 73			.4	.8	.4			.3										14	14																				
72/ 71		.8	3.4	.9	.4	.5	.3											48	48	1																			
70/ 69		.4	2.8	.8	.8	.5												40	40	21	7																		
68/ 67		2.1	4.0	1.3	.8	.1												63	63	41	15																		
66/ 65	.1	4.1	2.4	2.4	1.2	.5	.3	.3										85	85	51	47																		
64/ 63	.4	4.6	3.2	1.2	2.0	.1	.3											89	89	70	59																		
62/ 61	.5	1.2	2.2	2.5	1.1	.4	.1		.1									62	62	77	64																		
60/ 59		.9	1.4	1.6	.8	.7	.1											42	42	66	50																		
58/ 57		.8	2.1	1.6	1.8	.4	.3											53	53	42	47																		
56/ 55		1.4	4.0	1.4	.9	.8	.1											66	66	50	27																		
54/ 53		.7	2.2	1.3	.7	.4	.1											41	41	59	41																		
52/ 51	.1	2.2	1.8	.9	.9	.3	.1											49	49	63	59																		
50/ 49		.9	2.0	.3		.3												26	26	62	55																		
48/ 47		.9	1.6	.3	.5													25	25	42	53																		
46/ 45		.9	1.1	.1	.5	.1												21	21	36	45																		
44/ 43		1.4	.4	.1	.1													16	16	31	37																		
42/ 41		.8	.1															7	7	20	35																		
40/ 39			.3															2	2	15	31																		
38/ 37		.1																1	1	7	24																		
36/ 35			.1															1	1	2	17																		
34/ 33			.1															1	1	1	11																		
32/ 31		.1																1	1		4																		
30/ 29																				2	9																		
28/ 27																					5																		
26/ 25																					4																		
24/ 23																					3																		
TOTAL	1.2	24.5	35.6	17.9	13.2	5.1	1.7	.3	.5									759	759	759	759																		
Element (X)																					Σ X²	Σ X	X̄	s_x	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.		4463359	57271	75.5	13.683	759	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb		2784323	45563	60.0	8.053	759			.1	20.3	2.4																												
Wet Bulb		2401748	42244	55.7	8.167	759			.2	7.5																													
Dew Point		2117183	39371	51.9	9.942	759			3.0	2.6																													

FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC
 AIR 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

APR
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
76/ 75			.1	.1														2	2			
74/ 73			.5	.3					.1									7	7	1		
72/ 71		.1	2.0	.7														25	25	1	1	
71/ 69		2.0	3.8	.7	.5	.5												57	57	14	2	
68/ 67		2.3	4.6	.4	.4	.3	.1											61	61	37	22	
66/ 65	.1	2.4	2.1	1.7	.4	.4	.1											55	55	48	42	
64/ 63	.1	4.0	1.5	1.7	.7		.3											62	62	61	47	
62/ 61	.3	3.2	2.6	.8		.4	.1											56	56	67	58	
60/ 59		1.9	2.6	2.6	.7													59	59	52	53	
58/ 57	.3	1.5	1.7	.8	.8	.1	.1											40	40	47	36	
56/ 55	.1	2.5	2.9	2.1	.5	.5												66	66	47	39	
54/ 53	.1	1.3	2.0	1.3	.5	.4												43	43	59	44	
52/ 51	.1	1.5	2.4	1.3	.8	.5												50	50	49	54	
50/ 49	.3	1.6	1.6	.8	.9													39	39	44	52	
48/ 47	.3	3.8	1.5	.9	.5													53	53	50	38	
46/ 45	.1	.4	1.6	.7	.5													25	25	57	47	
44/ 43		.8	1.1	.4	.1													18	18	32	42	
42/ 41		1.3	.8	.3														18	18	36	36	
40/ 39	.1	.7		.7														11	11	23	36	
38/ 37		.1		.3														3	3	15	28	
36/ 35		.3																2	2	6	24	
34/ 33			.3															2	2	6	13	
32/ 31		.1																1	1		15	
30/ 29																				3	8	
28/ 27																					8	
26/ 25																					8	
TOTAL	2.0	31.7	35.8	18.5	7.4	3.4	.9	.1	.1									755	755	755	755	
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Num.	4704718		58802		77.9		12.876		755		≤ 0 F		≤ 32 F		= 67 F		= 73 F		= 80 F		= 93 F	
Dry Bulb	2588814		43708		57.9		8.808		755				.1		18.1		1.1				90	
Wet Bulb	2273425		40877		54.1		8.941		755				.4		6.3		.1				90	
Dew Point	2028361		38319		50.8		10.525		755				4.9		3.0						90	

USAFETAC FORM 0-26-5 (OL A) REvised previous editions of this form are obsolete

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1													1	1		
76/ 75				.5	.5	.1												9	9		
74/ 73			.7	.8	.3	.2		.1										19	19		
72/ 71		.3	2.0	.7	.6		.2	.1										35	35	2	
70/ 69		1.5	3.6	1.5	1.1		.2	.1	.1									72	72	23	7
68/ 67	.1	2.4	3.2	1.6	1.0	.6												78	78	54	30
66/ 65		3.9	1.9	1.8	.6	.3	.1											76	76	56	44
64/ 63	.2	3.0	1.8	1.6	1.1	.3												71	72	82	54
62/ 61		2.4	1.8	1.9	.8	.1	.1											63	63	75	76
60/ 59		1.9	1.8	1.9	.8	.7												63	63	61	57
58/ 57	.1	1.3	2.3	.8	1.4	.8												58	58	56	61
56/ 55	.2	1.7	2.0	1.6	1.3	.7		.1										67	67	63	52
54/ 53		1.3	2.0	1.4	.6	.7	.3											55	55	59	33
52/ 51	.2	1.3	1.9	.8	.8	.6	.1											50	50	52	60
50/ 49		1.4	1.4	.8	1.1	.6												46	46	56	64
48/ 47		1.8	1.3	.7	.7													39	39	60	39
46/ 45	.2	1.3	.8	.5	.6													29	29	48	56
44/ 43		1.3	.5	.6														20	20	40	41
42/ 41	.1	.1	.6	.5														11	11	37	48
40/ 39		.6	.3															8	8	22	36
38/ 37		.3																3	3	19	26
36/ 35		.1	.2															3	3	6	25
34/ 33		.1	.1															2	2	3	15
32/ 31		.1																1	1	2	13
30/ 29																				1	14
28/ 27																					17
26/ 25																					7
24/ 23																					2
20/ 19																					2
TOTAL		1.3	27.9	30.4	19.8	13.3	5.7	1.1	.5	.1									879	880	879
Element (X)	Z _H	Z _X		X	σ _s		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5176830	66296		75.4	14.184		879		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	3149565	52081		59.2	8.747		880			.1	21.9	3.7									
Wet Bulb	2716660	48238		54.9	8.893		879			.3	8.1										
Dew Point	2390154	44844		51.0	10.797		879			5.6	3.8										

USAFETAC FORM AIR 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
86/ 85								.2	.2								.1	5	5		
84/ 83							.1	.2	.1	.2	.1						.1	8	8		
82/ 81							.2	.4	.2	.6	.2	.2	.1					18	18		
80/ 79					.4		.6	1.2	.1	.4	.4						.1	30	30		
78/ 77			.1	.6	1.2	1.9	1.1	1.1	.2	.2	.1							59	59		
76/ 75				1.6	1.8	1.8	2.1	.3	.4	.2	.2	.1						77	77	1	
74/ 73		.2	.9	2.5	2.5	2.1	1.3	.8	.6	.1	.2							100	100	7	1
72/ 71		.2	1.7	1.8	2.0	1.2	1.3	.9	.2	.8		.1						92	92	19	1
70/ 69		.6	1.7	1.1	2.1	.6	1.4	.8	.9	.6								87	87	66	9
68/ 67		.4	1.0	1.3	.7	.8	1.0	1.2	1.4									71	71	93	39
66/ 65		.4	.7	1.1	.9	.9	1.1	1.0	.8									62	62	92	58
64/ 63	.1	.6	.9	.7	1.2	1.0	1.8	1.2	.6	.1								73	73	92	61
62/ 61		.4	.4	1.0	.9	.6	1.9	.8	.1									55	55	76	64
60/ 59		.2	1.0	1.2	.4	.8	1.8	.7	.4	.2								61	61	63	56
58/ 57			.4	.4	.6	.7	.6	1.4	.1	.1								39	39	49	76
56/ 55			.1	.6	.1	1.0	.9	.7	.1									31	31	59	57
54/ 53		.1		.1	.1	.3	.7	.1										13	13	74	40
52/ 51		.2	.3			.1	.2											8	8	58	37
50/ 49						.3	.1											4	4	52	49
48/ 47		.2	.1			.1												4	4	33	40
46/ 45																				26	47
44/ 43																				25	22
42/ 41																				16	37
40/ 39																				5	28
38/ 37																				1	35
36/ 35																					30
34/ 33																					26
32/ 31																					12
30/ 29																					12
28/ 27																					14
26/ 25																					13
24/ 23																					12
22/ 21																					9
20/ 19																					2
Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-20-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-73, 73-80
YEARS

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MONTH

PAGE 0 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
18 / 17																					
16 / 15																					
TOTAL	.1	3.7	9.4	13.9	14.9	15.1	9.3	11.7	7.4	3.1	.8	.7							897	897	897
Element (X)	ΣX^2	ΣX		\bar{X}	s_n	No. Obs.		Mean No. of Hours with Temperature							Total						
Ref. Num.	3093813	50243		56.0	17.665	897		≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	4232292	61248		68.3	7.487	897				54.9	29.8	4.4		90							
Wet Bulb	3162617	52777		58.8	8.001	897				17.7	.8			91							
Dew Point	2445931	45545		50.8	12.201	897			7.5	5.0	.1			92							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point														
92/ 91														.1																	1	1		
91/ 89												.1								.1	.2										6	6		
88/ 87											.1	.2	.3	.6																	11	11		
86/ 85											.1	.2	.8	.1	.1																14	14		
84/ 83								.1			.1	.2	.4	.2																	12	12		
82/ 81						.4		.2	.6	.4	.3	.2	.1	.3																	24	24		
80/ 79					.9	1.9	.8	.7	.7	.2	.4	.1	.2																		53	53		
78/ 77				.8	2.0	2.1	1.9	.4	.3	.4	.7	.2																			80	80		
76/ 75			.3	2.8	2.7	3.9	2.0	.2	.7	.2	.3	.2																			120	120		
74/ 73		.1	.2	1.7	1.7	1.6	1.1	.8	.3	.8	.3	.1																			78	78	11	
72/ 71		.4	.6	1.4	1.8	1.4	1.2	1.4	.3	.6	.2																				85	85	38	
70/ 69			1.1	.8	1.4	1.0	1.3	.8	1.0	1.6	.1																				82	82	71	20
68/ 67	.1	.3	.4	.8	1.3	1.9	1.0	2.1	1.1	.4	.1																				87	87	90	41
66/ 65		.4	.3	1.2	1.6	1.1	1.0	2.0	1.3	.4	.4																				89	89	121	54
64/ 63		.3		.6	1.0	1.2	.9	1.0	1.2	.3																					59	59	72	64
62/ 61			.1	.4	.3	.6	.1	.7	1.1	.1																					31	31	66	70
60/ 59			.9	.1		1.0	.3	1.2	.8																						38	38	60	49
58/ 57		.3	.3		.2			.3																							11	11	80	70
56/ 55		.2	.4	.2			.2	.1																							11	11	59	55
54/ 53				.3			.1																								4	4	69	39
52/ 51		.1																													1	1	58	61
50/ 49																																	45	54
48/ 47																																	22	36
46/ 45																																	24	26
44/ 43																																10	31	
42/ 41																																1	36	
40/ 39																																		41
38/ 37																																		21
36/ 35																																		30
34/ 33																																		26
32/ 31																																		17
30/ 29																																		14
28/ 27																																		17
26/ 25																																		9
Element (X)	Σ X ²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature																							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Dry Bulb																																		
Wet Bulb																																		
Dew Point																																		

USAFETAC FORM 0-26-5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 23																					9
2/ 21																					5
0/ 19																					1
TOTAL	.1	2.3	4.7	11.1	15.4	18.1	12.7	12.7	9.8	5.8	4.3	2.0	.6	.3				897			897
																		897			897

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2735330	46946	52.3	17.625	897							
Dry Bulb	4589273	63849	71.2	7.044	897			65.5	40.0	9.1		97
Wet Bulb	3308637	54079	60.3	7.341	897			21.1	1.1			97
Dew Point	2494195	46085	51.4	11.882	897		7.2	6.1				97

USAFETAC FORM 0-26-5 (OLA) REVISU PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
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PAGE 1 1500-1750
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb
94/ 93														.1				1	1	
92/ 91														.2				2	2	
90/ 89									.2				.1	.1	.2			6	6	
88/ 87							.1					.2	.2	.1	.2			8	8	
86/ 85								.2				.1			.1			4	4	
84/ 83							.1	.1	.1	.1	.1					.1		6	6	
82/ 81						.6		.3	.1					.3				12	12	
80/ 79				.3	.8	.4	.6	.9	.4			.7	.2					39	39	
78/ 77			.6	2.2	1.6	1.0	.8	.7	.2	.3	.4		.1					64	64	
76/ 75	.1		2.1	3.0	2.1	1.3	.7	.2	.3	.4								93	93	1
74/ 73		1.0	3.0	1.6	2.3	1.1	.4	.8	.4	.7								102	102	8
72/ 71	.4	1.1	2.2	2.9	1.6	1.8	.7	.6	.4	1.2								116	116	21
70/ 69	.2	1.3	1.0	3.1	1.4	1.8	1.2	1.2	.6	.3	.2							112	112	68
68/ 67	.6	.4	.8	1.6	1.3	2.1	1.3	1.2	.8	.6								96	96	86
66/ 65	.2	.6	1.1	1.2	.9	1.1	1.2	1.3	1.0									78	78	96
64/ 63		.6	.7	2.1	1.2	1.0	.7	.6	.1									62	62	95
62/ 61	.1	.4	.9	.8	.7	.6	.2	.6										38	38	81
60/ 59	.6	.7	.2	.1	.6	.3	.3	.4										29	29	71
58/ 57	.3	.9		.2		.2	.4											19	19	90
56/ 55	.2	.1	.3			.2												8	8	79
54/ 53			.3		.1													4	4	72
52/ 51						.1														46
50/ 49																				39
48/ 47																				28
46/ 45																				8
44/ 43																				8
42/ 41																				
40/ 39																				
38/ 37																				
36/ 35																				
34/ 33																				
32/ 31																				
30/ 29																				
28/ 27																				
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR MONTH
STATION STATION NAME YEARS

PAGE 7 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
06/ 25																					10
04/ 23																					6
02/ 21																					5
18/ 17																					1
TOTAL		2.8	7.1	13.2	19.1	15.1	13.2	9.2	8.9	4.4	3.7	1.6	.9	.6	.1			899	899	899	899
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Num.	2967708	49054	54.6	18.004	899	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$										
Dry Bulb	4498834	63330	70.4	6.467	899			66.2	33.7	6.0	.1										9.0
Wet Bulb	3296635	54101	60.2	6.748	899			18.4	.9												9.0
Dew Point	2525011	46549	51.8	11.325	899			6.2	5.8												9.0

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC 69-70,73-80 APR
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
89/ 89													.1																			1	1			
86/ 85													.1										.1									2	2			
84/ 83																							.1				.1					2	2			
82/ 81										.2																						3	3			
81/ 79						.2																										3	3			
78/ 77				.2	.3	.1		.2	.1	.1																					13	13				
76/ 75			.1	.9	.7	.2	.3	.1	.2	.1																					24	24				
74/ 73		.1	.6	2.4	.8	.7	.3	.1	.1	.1																					49	49	2			
72/ 71		.2	3.7	3.6	1.3	1.1	1.1	.2	.4	.3																					109	109	9			
70/ 69		1.1	4.3	3.0	2.7	1.2	.8	.1	.7	.4																					129	129	32	7		
68/ 67	.1	1.2	3.2	3.4	2.3	.8	.6	.6	.3	.2																					115	115	76	37		
66/ 65		1.1	2.0	2.8	2.1	1.7	.8	.9	.3	.4	.1																				110	110	89	52		
64/ 63		1.2	2.1	1.8	1.3	1.8	1.1	.7	.8	.1																					98	98	98	78		
62/ 61		.8	.6	1.2	1.3	1.4	.7	.3	.1	.1																					59	59	103	73		
60/ 59		.9	1.8	1.7	1.2	1.4	.3	.7																							72	72	82	70		
58/ 57		.7	.9	.9	1.3	.6	.4	.2	.1																						46	46	81	70		
56/ 55		.2	.8	.8	.3	.6	.3	.3																							30	30	68	63		
54/ 53		.1	.3	.6	.3	.4	.2																								18	18	75	60		
52/ 51			.3	.2	.1	.2																									8	8	63	63		
50/ 49		.1		.1	.3		.1																								6	6	51	40		
48/ 47					.1	.1																									2	2	31	45		
46/ 45				.1																											1	1	17	31		
44/ 43																																	11	42		
42/ 41																																9	40			
40/ 39																																1	27			
38/ 37																																2	23			
36/ 35																																		20		
34/ 33																																		16		
32/ 31																																		15		
30/ 29																																		5		
28/ 27																																		8		
26/ 25																																		8		
24/ 23																																		2		
22/ 21																																		2		
Element (X)	Σ X'		Σ X		X		C _s		No. Obs.		Mean No. of Hours with Temperature						Total																			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 APR
 STATION STATION NAME YEARS MONTH
 PAGE 2 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
30/19																					3
TOTAL	.1	7.8	20.7	23.7	16.9	12.3	7.0	4.7	3.1	2.2	1.0	.3	.1	.1				900		900	900
																		900		900	
Element (X)	Σ X ¹		Σ X ²		Σ X		Σ X ²		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.	4034480		58184		64.6		17.425		900		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90				
Dry Bulb	3942140		59310		65.9		6.114		900				45.0	9.7	1.0		90				
Wet Bulb	3145854		52852		58.7		6.847		900				11.9	.2			90				
Dew Point	2593166		47372		52.6		10.532		900			4.3	4.4				90				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

APR
 MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79									.1									1	1		
78/ 77				.2	.2				.2									6	6		
76/ 75				.6	.1													6	6		
74/ 73		.2	.6	1.0	.5		.2	.1										23	23	1	
72/ 71		.2	2.5	1.4	.2	.1	.5		.1	.1								45	45	4	
70/ 69		1.5	3.6	3.3	1.5	.7		.1	.2	.1								96	96	25	5
68/ 67		2.0	4.6	2.3	.9	.5	.5	.2	.3	.1								99	99	53	31
66/ 65	.2	3.1	5.1	2.2	1.4	.3	.2	.2	.2									113	113	62	46
64/ 63		3.0	2.8	2.4	2.4	.9	.6	.1										106	106	109	68
62/ 61		1.1	1.3	1.3	.8	.7	.9	.1										54	54	96	88
60/ 59	.2	.5	2.3	1.5	2.0	1.1	.1	.2										69	69	75	78
58/ 57		.7	3.3	1.6	1.7	.1	.1	.2	.1									69	69	56	53
56/ 55		.6	1.8	1.1	.7	1.0	.2											48	48	63	59
54/ 53		.8	1.5	1.1	.8	.5		.1										42	42	78	40
52/ 51		.9	1.3	.5	.5	.1	.1											29	29	62	62
50/ 49		.3	1.4	.8	.3	.3												28	28	60	57
48/ 47		.8	.2	.6	.1	.1												16	16	33	50
46/ 45		.3	.3	.1														7	7	42	40
44/ 43		.2	.7	.1	.1													10	10	22	46
42/ 41			.1															1	1	13	37
40/ 39				.1														1	1	13	30
38/ 37			.1															1	1		15
36/ 35																				1	28
34/ 33																				2	16
32/ 31																					2
30/ 29																					5
28/ 27																					6
26/ 25																					5
24/ 23																					1
22/ 21																					1
20/ 19																					1
TOTAL	.5	16.3	33.4	22.3	14.3	6.6	3.4	1.5	1.0	.7								870	870		870
Element (X)	Σ X'		Σ X		X	°	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	4728570		62828		72.2	14.840	870	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total							
Dry Bulb	3419289		54187		62.3	7.141	870			28.6	3.7			90							
Wet Bulb	2886318		49680		57.1	7.541	870			8.6	.1			90							
Dew Point	2501567		45849		52.7	9.909	870		2.2	3.7				90							

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SC 69-70,73-80 APR
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																		
94/ 93																										.0							1	1				
92/ 91																											.0							3	3			
91/ 89													.0			.0	.0	.1	.0														13	13				
88/ 87										.0	.0	.0	.1	.1	.0	.0																	19	19				
86/ 85										.0	.1	.0	.0	.1	.1	.1	.0									.0	.0						25	25				
84/ 83										.0	.0	.0	.1	.1	.1	.1	.0									.0	.0						28	28				
82/ 81							.1	.2	.1	.1	.1	.1	.1	.1	.1	.0																	57	57				
81/ 79							.2	.4	.3	.2	.3	.2	.1	.1	.1																		126	126				
78/ 77			.0	.3	.8	.7	.5	.3	.2	.2	.1	.1																					223	223				
76/ 75		.0	.1	1.2	1.2	1.0	.7	.2	.2	.1	.1	.0																					337	337		2		
74/ 73		.1	.6	1.6	1.0	.9	.5	.3	.3	.2	.2	.0																					392	392	30	1		
72/ 71		.4	2.1	1.6	1.2	.8	.8	.5	.2	.3	.2	.0																					555	555	95	3		
70/ 69		.9	2.8	1.5	1.7	.8	.7	.4	.5	.4	.1	.0																					675	675	320	69		
68/ 67	.0	1.4	2.6	1.5	1.2	.8	.7	.7	.6	.2	.1																						670	670	520	260		
66/ 65	.1	1.9	1.9	1.8	1.2	.8	.6	.7	.5	.2	.1																							668	668	617	398	
64/ 63	.1	2.0	1.6	1.3	1.5	.9	.8	.5	.4	.1																								620	621	679	486	
62/ 61	.1	1.1	1.1	1.2	.8	.6	.6	.3	.3	.0																								418	418	641	559	
60/ 59	.0	.8	1.5	1.3	.7	.8	.4	.4	.2	.0																								433	433	530	468	
58/ 57	.0	.7	1.5	.7	1.0	.3	.2	.4	.0	.0																								335	335	503	486	
56/ 55	.0	.8	1.4	1.0	.5	.6	.3	.2	.0																									327	327	488	431	
54/ 53	.0	.5	1.0	.8	.4	.4	.2	.3																										220	220	545	352	
52/ 51	.1	.7	1.0	.4	.4	.2	.1																											195	195	451	455	
50/ 49	.0	.5	.7	.3	.3	.2	.0																											149	149	409	424	
48/ 47	.0	.9	.5	.3	.2	.0																												139	139	299	343	
46/ 45	.0	.4	.4	.2	.2	.0																												83	83	258	325	
44/ 43	.0	.4	.3	.1	.0																													64	64	179	294	
42/ 41	.0	.2	.2	.1																														37	37	132	295	
40/ 39	.0	.1	.1	.1																														22	22	79	264	
38/ 37		.1	.0	.0																														8	8	44	194	
36/ 35		.0	.0																															6	6	15	213	
34/ 33		.0	.1																															5	5	12	142	
32/ 31		.0																																3	3	2	94	
30/ 29																																					6	77
28/ 27																																						92

Element (X)	Σ X'	Σ X	X	Σ _n	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 APR
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	=31	Dry Bulb	Wet Bulb	Dew Point
26/ 25																					64
24/ 23																					35
22/ 21																					18
20/ 19																					9
18/ 17																					3
16/ 15																					2
TOTAL	.6	14.0	21.5	17.5	14.5	10.4	7.7	5.3	4.0	2.1	1.3	.6	.2	.1	.0		6856	6857		6856	

Element (X)	ΣX^1	ΣX^2	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	31904808	449624	65.6	18.781	6856	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	29204530	443276	64.6	8.945	6857		.3	328.0	126.5	21.5	.1	720
Wet Bulb	23191894	394848	57.6	8.120	6856		.8	101.6	3.4			720
Dew Point	19095568	353930	51.6	10.967	6856		41.4	35.0	.1			720

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,75-80
 YEARS

MAY
 MONTH

PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
79/79			.4	.4	.1													7	7		
77/77			.1	.7	.1	.1												8	8		
75/75		.4	1.2	.5	.3	.1		.1										20	20	3	
73/73		2.0	3.6	2.6	.5	.3	.3											69	69	14	3
71/71	.3	4.4	7.3	1.6	.8	.1	.1											109	109	40	23
69/69	.3	3.8	12.2	1.9	1.5	.8												152	152	75	58
67/67	.3	3.9	6.6	1.6	.5	.4	.3											101	101	129	69
65/65	.1	3.4	2.3	1.5	.4	.3		.1										60	60	112	109
63/63	.3	1.9	2.6	.9	.5	.3												48	48	88	109
61/61	.7	1.6	3.0	.9	.4			.1										50	50	64	81
59/59	.1	2.0	1.3	.5	.1		.1											32	32	53	48
57/57	.1	1.3	1.2	.5	.1	.1												26	26	56	48
55/55		.9	.5	.7														16	16	25	53
53/53	.3	.8	.4	.7	.1													17	17	24	36
51/51	.1	.8	.4	.3	.1													13	13	17	31
49/49		.4	.4	.1	.1													8	8	21	25
47/47		.3	.5	.1														7	7	11	12
45/45			.1															1	1	3	9
43/43																				7	12
41/41																				2	6
39/39																					4
37/37																					4
35/35																					3
33/33																					2
TOTAL	2.6	28.0	44.2	15.6	5.9	2.6	.8	.4										744	744	744	744
Element (X)	Z _X '	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	4990196	60426	81.2	10.539	744	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3338629	49617	66.7	6.32	744			58.3	13.0	.6		93									
Wet Bulb	2987965	46909	63.0	6.393	744			32.6	2.1			93									
Dew Point	2774072	45094	60.6	7.421	744			19.1	.4			93									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,74-80 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20		21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb
80/ 79					.1													1	1	
78/ 77			.3	.4	.1													6	6	
76/ 75		.4	.5	.7														12	12	
74/ 73	.1	1.5	1.9	1.2		.3	.1										38	38	10 4	
72/ 71	.9	4.4	5.5	.5	.1	.3											89	89	32 18	
70/ 69	.1	3.2	8.2	1.5	1.1	.1											106	106	62 47	
68/ 67	.3	5.4	7.9	1.3	.8	.4	.1										121	121	89 58	
66/ 65	.7	5.4	3.4	1.5		.5											85	85	114 101	
64/ 63	.3	4.4	1.5	.5	.4												53	53	100 86	
62/ 61	.3	2.8	1.6	1.1	.1												44	44	69 95	
60/ 59	.3	3.9	4.0	.7	.1			.1									68	68	52 53	
58/ 57	.3	2.3	1.3	.3		.1											32	32	64 55	
56/ 55		1.7	.3	.5													19	19	51 56	
54/ 53	.3	.7	1.2	.3		.1											19	19	25 44	
52/ 51	.1	1.6	.5	.5													21	21	18 38	
50/ 49		.7	1.1	.3													15	15	19 27	
48/ 47		.4	.3	.1	.1												7	7	13 16	
46/ 45		.5	.4	.3													9	9	15 12	
44/ 43		.1															1	1	5 11	
42/ 41																			6 9	
40/ 39																			2 4	
38/ 37																				1
36/ 35																				7
34/ 33																				1
32/ 31																				3
TOTAL	3.6	39.4	39.8	11.7	3.1	1.6	.8											746	746	746
																		746	746	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Num.	5285840	62358	83.6	9.922	746	F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total								
Dry Bulb	3165484	48336	64.8	6.718	746			46.5	7.1			93								
Wet Bulb	2877884	46056	61.7	6.806	746			24.1	1.2			93								
Dew Point	2695723	44473	59.6	7.725	746		.4	15.8	.5			93								

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SC

69-70, 73-80

MAY

PAGE 1

0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.3	.2													5	5		
81/ 79			.4	.5	.3													12	12		
78/ 77		.2	.4	1.1	1.0	.1												26	26	1	
76/ 75		.5	2.6	2.0	.6	.3												57	57	10	4
74/ 73		2.6	3.7	3.6	.6	.3		.1										101	101	30	13
72/ 71	.2	4.0	5.1	1.9	.8	.6												117	117	63	39
70/ 69	.2	4.2	7.1	1.6	1.8	.9	.2											149	149	127	76
69/ 67	.4	3.5	5.1	1.1	1.3	1.3		.1										118	118	127	112
66/ 65		3.2	2.3	1.2	.8		.1											70	70	114	119
64/ 63		3.2	1.3	1.7	.6	.1		.1										66	66	97	100
62/ 61		2.3	2.5	.5	.6	.2												57	57	82	91
60/ 59		1.8	1.5	.5	.1	.1		.1										39	39	66	64
58/ 57	.2	1.2	1.1	.8	.2	.3	.1											36	36	66	52
56/ 55		1.3	.3	.4	.1	.1												21	21	37	56
54/ 53	.1	.9	.6	.4	.2	.1												22	22	33	58
52/ 51		.5	.5	.1														11	11	21	34
50/ 49		.6	.2	.1	.1													10	10	20	26
48/ 47		.3																3	3	15	26
46/ 45		.2	.3	.1														6	6	10	12
44/ 43		.1																1	1	2	9
42/ 41																				5	10
40/ 39																				1	6
36/ 37																					4
36/ 35																					2
34/ 33																					2
32/ 31																					4
TOTAL	1.2	30.7	35.1	18.1	9.5	4.5	.4	.4										927	927	927	927
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.	6089641		74387		80.2		11.406		927		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	4234078		62334		67.2		6.780		927				58.7	20.2	1.0		93				
Wet Bulb	3763758		58730		63.4		6.808		927				35.9	4.1			93				
Dew Point	3481827		56331		60.8		7.966		927		.4		24.5	1.7			93				

USAFETAC FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

MAY
 MONTH

PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 89							.1	.2	.1								4	4			
8/ 87							.2	.2	.2								6	6			
6/ 85				.1	.4	.3	.5	.3	.5	.2	.1						24	24			
4/ 83			.2	.3	.8	1.4	.9	.8	.1	.2							43	43			
2/ 81			.1	.5	.6	1.3	2.0	.9	.1	.1							53	53			
7/ 79		.1	.4	1.7	2.6	3.7	1.2	1.0	.5	.1	.1						106	106	3	1	
7/ 77			2.2	3.6	5.0	1.4	1.4	1.3	.4	.4	.1						146	146	17	1	
7/ 75		.1	2.4	4.0	3.8	3.0	1.1	.6	.4	.3							146	146	22	15	
7/ 73		.4	2.4	4.8	1.9	2.0	1.9	1.0	.4								139	139	84	21	
7/ 71		1.1	2.7	1.0	1.7	1.5	.9	.8	.3	.1							93	93	128	48	
7/ 69		.4	1.3	.2	.9	1.1	1.1	.5	.5	.1							57	57	178	108	
6/ 67		.1	.4	.3	.6	.4	.8	.9	.2	.2							37	37	124	101	
6/ 65		.1	.3	.3	.5	.2	.4	.4	.2	.1							25	25	85	134	
4/ 63		.3		.4	.5	.1	.3	.1	.2								19	19	70	93	
6/ 61		.2	.2	.4			.2	.3	.1								14	14	59	63	
6/ 59		.4		.1	.1	.1		.1									8	8	45	64	
6/ 57			.3	.1	.1			.1									6	6	40	40	
5/ 55			.2														2	2	22	55	
4/ 53			.1														1	1	25	40	
2/ 51																			14	27	
5/ 49																			7	29	
4/ 47																			5	24	
4/ 45																			1	11	
4/ 43																				16	
4/ 41																				14	
4/ 39																				8	
3/ 37																				5	
7/ 35																				2	
3/ 33																				1	
7/ 31																				8	
3/ 29																				5	
TOTAL		3.3	13.2	18.0	19.6	16.6	13.0	9.5	4.4	2.0	.3							929	929	929	
Element (X)	Σx²	Σx	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3989517	59269	63.8	14.980	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5246389	69613	74.9	5.691	929			85.5	66.8	18.1		93									
Wet Bulb	4149588	61824	66.5	6.164	929			55.7	12.6	.2		93									
Dew Point	3552657	56839	61.2	8.995	929		1.3	29.0	3.3			93									

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SC 69-70, 73-80 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1		.4							1	1		
92/ 91								.1	.5	.4	.1	.6						9	9		
90/ 89							.1	.5	.4	.1	.6					.1		18	18		
88/ 87							.3	.6	.2	.5	.2	.2						20	20		
86/ 85			.1		.5	.4	.8		.3	.3	.4							27	27		
84/ 83			.4	.5	1.2	1.6	1.2	1.1	.4	.3	.2	.1	.1					67	67		
82/ 81		.1	.3	1.2	2.2	3.3	1.3	1.6	.8	.4	.1	.1						106	106	1	
80/ 79		.8	3.4	4.7	4.1	1.5	1.3	1.2	.6	.3								160	160	12	
78/ 77			1.3	2.0	4.2	2.3	1.4	2.6	1.1	.3								141	141	20	5
76/ 75		.1	1.4	3.7	2.5	3.9	1.7	1.1	.4	.4	.1							142	142	48	13
74/ 73		.5	1.8	1.1	.9	1.3	.8	.6	.5	.4	.1							75	75	119	3
72/ 71		1.0	1.5	.4	1.3	.9	.4	.8	.4	.4	.2	.3						71	71	151	73
70/ 69		.5	1.1		.2	.2	.5	.2	.5	.2	.1							34	34	145	98
68/ 67			.1		.8	.1	.8	.4	.3	.3								26	26	105	124
66/ 65			.1	.4	.4				.7	.1								12	12	88	108
64/ 63		.3	.2															5	5	73	67
62/ 61		.2		.1	.1	.2												6	6	51	73
60/ 59		.2	.1	.3														6	6	36	64
58/ 57			.1	.1														2	2	25	41
56/ 55			.1															1	1	21	58
54/ 53			.1															1	1	18	46
52/ 51																				7	23
50/ 49																				10	37
48/ 47																					18
46/ 45																					3
44/ 43																					14
42/ 41																					8
40/ 39																					11
38/ 37																					6
36/ 35																					1
34/ 33																					4
32/ 31																					3
30/ 29																					4
28/ 27																					1
Element (X)	Z _K ¹	Z _K	X	C _n	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

MAY
 MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
94/ 93																		1	1	
92/ 91																		6	6	
90/ 89									.5	.1	.1	.1	.2				10	10		
88/ 87								.4	.2	.2	.1	.1	.1	.2			13	13		
86/ 85					.2	1.0	.1	.2	.5	.1	.1	.2	.1	.1			13	13		
84/ 83				.2	1.0	1.0	1.3	.5	.8	.1	.2						48	48		
82/ 81			.3	.5	1.9	1.6	1.0	.4	.2	.2	.6						64	64		
80/ 79			1.0	3.5	4.0	3.0	1.5	.9	.9	.3	.3						143	143		
78/ 77		.9	1.6	3.3	6.2	2.4	1.4	1.1	.9	.3							160	160	22	
76/ 75		.9	1.7	3.8	3.0	2.3	2.0	1.1	.3	.9							148	148	32	
74/ 73		.4	1.9	3.2	2.5	1.7	1.1	.9	.2	.4				.1			116	116	123	
72/ 71		1.5	2.6	1.5	1.2	1.5	1.1	.8	.8	.2	.2	.1					106	106	139	
70/ 69		.8	.4	.4	.6	.4	.3	.2	.2		.1	.2					35	35	165	
68/ 67		.9	.2	.2	.8	.5	.3	.5	.1		.2						35	35	112	
66/ 65		.1	.4	.6	.2	.2	.3	.1									17	17	88	
64/ 63			.2	.2	.2	.1											7	7	75	
62/ 61				.1	.1												2	2	67	
60/ 59																			33	
58/ 57			.3														3	3	31	
56/ 55																			19	
54/ 53		.3															3	3	14	
52/ 51																			5	
50/ 49																			5	
48/ 47																				
46/ 45																				
44/ 43																				
42/ 41																				
40/ 39																				
38/ 37																				
32/ 31																				
28/ 27																				
26/ 25																				
22/ 21																				
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM AIR 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

MAY
MONTH
 PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	=31	Dry Bulb	Wet Bulb	Dew Point	
TOTAL		4.8	10.8	17.7	21.7	15.3	11.3	7.3	4.6	3.2	2.3	.8	.2						930	930	930	930
Element (X)	Z _H	Z _X	X	σ _X	No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.	3988070	59080	63.5	15.901	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5428509	70883	76.2	5.283	930				89.8	72.2	22.7	.1	93									
Wet Bulb	4271538	62812	67.5	5.609	930				59.3	17.7			93									
Dew Point	3655050	57740	62.1	8.693	930			.9	36.1	4.9			93									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

MAY

PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
89/ 89									.1									1	1		
88/ 87							.1		.1									2	2		
86/ 85						.3			.1	.1								5	5		
84/ 83				.1	.3	.2		.1										7	7		
82/ 81				.4	.5	.5	.1	.4	.2									21	21		
80/ 79		.2	.4	1.5	1.2	.4	.3		.1									39	39		
78/ 77		.3	1.4	3.5	3.3	.4	1.2	.1	.2	.1								99	99	6	
76/ 75		.5	3.9	6.2	2.0	1.6	.5	.4	.3	.1								146	146	18	4
74/ 73	.1	1.4	5.1	5.5	1.5	1.1	1.4	.3	.3									155	155	69	25
72/ 71	.1	2.8	7.3	3.1	2.8	1.0	1.1	.3	.4		.1							177	177	118	60
70/ 69	.2	1.5	3.5	2.3	1.9	1.4	.8	.1	.1									110	110	192	108
68/ 67	.1	1.5	1.9	1.5	1.6	.8	.5	.2		.1	.1							78	78	132	154
66/ 65		.6	.2	1.1	.6	.2	.3	.2										31	31	113	120
64/ 63		.1	.8	.6	.3	.3	.2	.1	.1									24	24	88	77
62/ 61			.6	.4	.4	.1	.1											16	16	59	83
60/ 59		.3	.1	.1	.1													6	6	56	61
58/ 57		.2	.3		.2	.1	.1											9	9	33	40
56/ 55			.1															1	1	23	64
54/ 53		.1																1	1	14	36
52/ 51		.2																2	2	1	19
50/ 49																				5	26
48/ 47																				4	10
46/ 45																					13
44/ 43																					9
42/ 41																					11
40/ 39																					2
38/ 37																					2
36/ 35																					1
34/ 33																					1
32/ 31																					1
28/ 27																					2
20/ 19																					1
TOTAL	.5	9.9	25.7	26.5	17.0	8.5	6.8	2.4	2.0	.5	.2							930	930	930	930
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Num.	5013122	67014		72.1	14.082	930		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	4902210	67362		72.4	4.979	930				84.0	47.5	5.3		93							
Wet Bulb	4120791	61695		66.3	5.492	930				52.5	9.3			93							
Dew Point	3682408	58074		62.4	7.762	930				.4	35.1	2.9		93							

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

MAY
 MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.5	.1													5	5		
83/ 79		.2	.3	1.0	.5	.1												19	19		
78/ 77		.1	.6	.8	.3													16	16	2	2
76/ 75	.1	.8	2.5	3.0	1.4	.6		.2	.1									76	76	11	2
74/ 73	.2	2.6	5.5	5.8	1.0	.7	.3											141	141	38	16
72/ 71	.1	3.8	9.9	3.1	1.6	.9	.3											172	172	65	47
70/ 69	.2	7.0	8.7	1.8	1.0	1.5	.2											144	144	130	87
68/ 67		2.2	4.4	2.2	1.7	.2	.3											96	96	170	102
66/ 65	.3	1.2	1.3	2.1	.5	.3	.3	.1										53	53	119	153
64/ 63	.6	.8	1.6	.7	.5	.3	.1	.1										41	41	88	108
62/ 61	.1	1.3	.9	.7	.7	.1												33	33	61	75
60/ 59		.5	.7	.1	.7													17	17	69	43
58/ 57		1.0	1.7	.5	.7													28	28	27	59
56/ 55	.2	.2	.5	.2	.1	.1												12	12	28	54
54/ 53		.2		.2	.1													5	5	23	28
52/ 51		.6		.3	.1													9	9	16	31
50/ 49				.2														2	2	14	19
48/ 47																				1	14
46/ 45																				5	16
44/ 43																				2	7
42/ 41																					5
40/ 39																					1
38/ 37																					3
36/ 35																					3
34/ 33																					1
TOTAL	2.0	18.5	38.0	23.2	11.0	4.9	1.7	.5	.1									869	869	869	869
Element (X)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	5446206	68060	78.3	11.548	869	≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	4202691	60239	69.3	5.570	869			71.6	27.5	1.5		93									
Wet Bulb	3692437	56413	64.9	5.905	869			44.5	5.5			93									
Dew Point	3396114	53956	62.1	7.280	869			26.6	2.1			93									

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

MAY
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31		Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0									2	2		
92/ 91									.0									15	15		
90/ 89							.0	.2	.1	.0								33	33		
88/ 87							.1	.1	.1	.1	.0							41	41		
86/ 85			.0	.0	.2	.2	.2	.1	.1	.1	.1	.0	.0					69	69		
84/ 83			.1	.2	.4	.6	.4	.3	.2	.1	.1	.0	.0					165	165		
82/ 81		.0	.1	.5	.7	.9	.6	.4	.2	.1	.1	.0						254	254	1	
80/ 79		.1	.5	1.6	1.7	1.5	.6	.4	.4	.1	.1							487	487	15	4
78/ 77		.1	1.0	2.0	2.7	.9	.7	.7	.3	.2	.0							602	602	68	8
76/ 75	.0	.5	2.1	3.1	1.8	1.6	.7	.5	.2	.2	.0							747	747	144	39
74/ 73	.1	1.4	3.2	3.5	1.2	1.0	.8	.4	.2	.1	.0	.0						834	834	487	155
72/ 71	.2	2.8	5.1	1.7	1.3	.9	.5	.3	.3	.1	.1	.1						934	934	736	362
70/ 69	.1	2.1	5.0	1.2	1.1	.8	.4	.1	.2	.0	.0	.0						787	787	1064	664
68/ 67	.1	2.0	3.1	1.0	1.0	.5	.4	.3	.1	.1	.0							612	612	988	869
66/ 65	.1	1.6	1.2	1.1	.4	.2	.2	.1	.1	.0								353	353	833	955
64/ 63	.1	1.3	1.0	.6	.4	.2	.1	.1	.0									263	263	679	709
62/ 61	.1	1.0	1.0	.5	.3	.1	.0	.1	.0									222	222	512	629
60/ 59	.0	1.1	.9	.3	.2	.0	.0	.0										176	176	410	450
58/ 57	.1	.7	.7	.3	.2	.1	.0	.0										142	142	342	382
56/ 55	.0	.5	.2	.2	.0	.0												72	72	226	449
54/ 53	.1	.4	.3	.2	.1	.0												69	69	176	317
52/ 51	.0	.4	.2	.1	.0													56	56	108	236
50/ 49		.2	.2	.1	.0													35	35	101	207
48/ 47		.1	.1	.0	.0													17	17	49	139
46/ 45		.1	.1	.0														16	16	34	98
44/ 43		.0																2	2	16	87
42/ 41																				13	76
40/ 39																				3	47
38/ 37																					26
36/ 35																					19
34/ 33																					12
32/ 31																					22
30/ 29																					9
28/ 27																					5
Element (X)	Z ₁	Z ₂	X	e _s	No. Obs.		Mean No. of Hours with Temperature					Total									
Rel. Hum.					≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point	
26/ 25																				2		
22/ 21																				4		
20/ 19																			2			
TOTAL	1.1	16.3	26.2	18.2	13.7	9.5	6.1	4.1	2.4	1.5	.7	.2	.0					7005	7005	7005		
																			7005		7005	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	38444213	506861	72.4	15.894	7005	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	744										
Dry Bulb	36114644	500336	71.4	7.345	7005			592.9	345.1	86.9	.2	744										
Wet Bulb	30166725	457449	65.3	6.477	7005			372.1	75.9	.5		744										
Dew Point	26860986	429908	61.4	8.253	7005		4.7	225.3	21.9	.1		744										

USAFETAC FORM 0-26-5 (O.L.A.) REVERSE NEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,74-80
YEARS

JUN
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
86/ 85				.3														2	2					
84/ 83			.1	.7	.1	.3												9	9					
82/ 81			2.1	1.7	.3	.3												31	31					
80/ 79	.1	.8	3.3	1.4	.3	.6												47	47	7	3			
78/ 77		3.2	5.8	2.9	1.9	.3	.1											103	103	31	15			
76/ 75	.1	4.9	8.0	2.5	1.8	.4												128	128	78	39			
74/ 73	.1	5.0	4.7	2.8	1.1	.7												104	104	103	94			
72/ 71	.3	4.2	6.8	1.0		.6												92	92	128	94			
70/ 69		4.2	3.7	1.4	.4													70	70	98	111			
68/ 67	.1	4.3	2.9	1.1	.3													63	63	95	91			
66/ 65	.1	2.2	1.0	.7	.4													32	32	72	97			
64/ 63		1.4	.7		.1	.1	.1											19	19	42	49			
62/ 61		.8	.7				.1											12	12	30	50			
60/ 59		.7	.4															8	8	15	29			
58/ 57		.1																1	1	14	16			
56/ 55																				4	20			
54/ 53																				1	6			
52/ 51																				2	2			
50/ 49																				1	1			
48/ 47																					1			
42/ 41																					1			
38/ 37																					2			
TOTAL	1.0	31.8	40.4	16.4	6.8	3.2	.4	.1										721	721	721	721			
Element (K)	$\Sigma K'$	ΣK	\bar{K}	σ_K	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	5028529	59843	83.0	9.247	721	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total												
Dry Bulb	3878688	52750	73.2	5.029	721			81.0	52.9	8.7		90												
Wet Bulb	3508053	50163	69.6	5.000	721			67.4	27.3	.1		90												
Dew Point	3322286	48768	67.6	5.731	721			55.8	18.8			90												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

YEARS

JUN
 MONTH

PAGE 1

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
84/ 83			.1	.5													5	5		
82/ 81			.4	.8	.4												12	12		
80/ 79		1.0	1.6	1.2	.5												32	32	2	
78/ 77		2.5	5.2	3.0	.5												82	82	17	6
76/ 75		4.5	5.5	1.8													86	86	60	27
74/ 73	.3	6.7	3.5	1.6	.7		.1										95	95	92	82
72/ 71	.8	4.6	5.0	.5	1.0	.4	.1										92	92	122	90
70/ 69	.5	8.0	4.4	1.4	.1	.7											111	111	72	116
68/ 67	.4	6.4	4.0	.5	.1	.1											85	85	120	81
66/ 65		5.5	1.4	.4	.1												54	54	81	110
64/ 63		2.9	1.0	.8													34	34	62	65
62/ 61		.7	1.0	.3	.1	.1											16	16	39	40
60/ 59		1.5	.8		.1												18	18	24	41
58/ 57		.3	.4	.3	.1												8	8	25	16
56/ 55		.3	.1														3	3	8	27
54/ 53																			5	18
52/ 51																			3	6
50/ 49																			1	2
48/ 47																				2
46/ 45																				1
44/ 43																				2
42/ 41																				1
TOTAL	2.0	44.7	34.4	13.2	4.0	1.4	.3										733	733	733	733
Element (X)	Σ X'		Σ X		X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.	5402207		62609		85.4	8.627	733	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	90						
Dry Bulb	3737554		52194		71.2	5.360	733			73.7	38.3	4.3		90						
Wet Bulb	3434860		50024		68.2	5.349	733			59.5	21.0			90						
Dew Point	3275331		48801		66.6	5.994	733			49.4	14.1			90						

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
88/ 87					.2													2	2					
86/ 85				.2	.3	.2	.1											8	8					
84/ 83		.1	.3	1.0	.9													21	21					
82/ 81		.1	1.1	2.1	1.3	.3												45	45	2	1			
80/ 79		.6	4.4	3.8	1.0	.8												94	94	10	1			
78/ 77		2.9	5.5	3.8	1.8	.2	.3											130	130	34	12			
76/ 75	.3	3.3	5.5	3.0	1.0	.6												122	122	125	60			
74/ 73	1.1	6.2	3.0	2.6	.6	.4	.1											125	125	141	129			
72/ 71	.4	4.4	5.1	.8	.7	.4	.1											106	106	152	133			
70/ 69	.4	3.7	2.6	1.2	.1	.1		.1										74	74	121	132			
68/ 67	.3	3.8	2.0	1.1	.6	.4												74	74	103	118			
66/ 65	.2	2.2	.4	.2	.2	.3												33	33	66	110			
64/ 63	.1	1.6	.6	.4	.2													26	26	48	48			
62/ 61		.7	.7	.4	.2													18	18	35	40			
60/ 59		.3	.3		.1													7	7	17	42			
58/ 57		.1	.1	.1	.1													4	4	21	12			
56/ 55																				8	15			
54/ 53																				4	16			
52/ 51																				1	7			
50/ 49																				1	5			
48/ 47																					4			
46/ 45																					3			
44/ 43																					1			
TOTAL	3.0	30.0	31.7	21.0	9.4	3.9	.7	.1											889		889			
																			889		889			

Element (X)	ΣX'	ΣX	X	Σ _n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6115792	73182	82.3	10.150	889	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4853270	65508	73.7	5.428	889			81.1	55.4	12.1		90
Wet Bulb	4365523	62127	69.9	5.180	889			69.7	31.6	.5		90
Dew Point	4124664	60324	67.9	5.939	889			59.3	20.6	.1		90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

JUN
 MONTH

PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.1										1	1		
94/ 93							.1	.1	.1									3	3		
92/ 91						.4	.3	.4										11	11		
90/ 89					.4	1.1	1.2	1.0	.3	.1								38	38		
88/ 87					1.1	1.9	1.3	.4	.3	.1								47	47		
86/ 85				1.0	2.4	3.6	.6	.9	.3	.2								81	81		
84/ 83	.1			3.4	5.0	3.1	1.2	.9	.3	.1	.1							129	129		
82/ 81	.1	2.2		5.0	6.8	2.7	1.2	.9	.6	.1								176	176	16	1
80/ 79	.4	2.2		4.0	4.6	2.9	1.3	.9										147	147	41	4
78/ 77	.8	1.8		2.4	2.0	.8	1.0	.9	.3									90	90	131	40
76/ 75	1.7	1.8		2.3	.9	.8	.3	.2	.2									74	74	171	94
74/ 73	1.3	1.0		.8	.6	.9	.2	.4	.1									48	48	177	126
72/ 71	.6	.3		.2	.8	.4	.2	.2										25	25	131	173
70/ 69		.3		.1	.3	.1												8	8	89	113
68/ 67	.2	.9		.4		.1												15	15	42	110
66/ 65	.1			.1	.1													3	3	40	55
64/ 63	.3			.1														4	4	31	44
62/ 61																				15	39
60/ 59																				9	35
58/ 57																				6	17
56/ 55																				1	19
54/ 53																					14
52/ 51																					5
50/ 49																					6
48/ 47																					7
46/ 45																					7
TOTAL		5.7	10.6	19.4	25.2	18.9	9.3	6.9	3.2	.7	.1							900	900	900	900
Element (X)	$\Sigma X'$	ΣX		\bar{X}	σ_a	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	4324725	61397		68.2	12.313	900	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb	5869617	72541		80.6	5.028	900			89.3	84.5	58.0	.4	90								
Wet Bulb	4782909	65475		72.8	4.670	900			79.8	53.6	3.7		90								
Dew Point	4295881	61931		68.8	6.174	900			66.1	26.5	.2		90								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 YEARS JUN
STATION STATION NAME HOURS (L. S. T.)
PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31		Dry Bulb	Wet Bulb	Dew Point			
98/ 97									.1								1	1						
96/ 95								.2	.3								5	5						
94/ 93						.3	.1	.8	.7	.2	.4						23	23						
92/ 91						.3	.7	.3	1.2	1.3	.3	.1					39	39						
90/ 89				.1	1.2	1.2	1.6	1.3	.1	.2	.2						54	54						
88/ 87				.1	2.0	3.8	.8	.4	.4	.2	.2						72	72						
86/ 85			.1	.9	3.2	4.1	2.2	1.2	.1	.9	.1	.1					117	117						
84/ 83			.6	5.0	5.2	3.3	2.0	1.7	.6	.6							170	170	9					
82/ 81		.1	2.3	3.6	3.8	3.6	1.0	1.6	.7	.1							150	150	28	4				
80/ 79		.4	1.6	2.6	2.6	2.4	1.0	1.3	.3	.7							116	116	74	15				
78/ 77		.6	2.2	1.8	1.2	1.1	.2	.3	.4	.1							72	72	158	52				
76/ 75		.8	.9	.7	.2	.9	.8	.1									39	39	171	117				
74/ 73	.2	.4	.1	.2	.1	.1	.2	.1									14	14	168	144				
72/ 71		.2	.2	.4	.3	.2	.1	.2									16	16	98	134				
70/ 69		.1	.4														5	5	68	107				
68/ 67			.1		.1												2	2	47	80				
66/ 65		.2															2	2	41	62				
64/ 63		.1	.1														2	2	17	48				
62/ 61		.1															1	1	15	33				
60/ 59																			6	31				
58/ 57																				29				
56/ 55																				18				
54/ 53																				10				
52/ 51																				5				
50/ 49																				5				
48/ 47																				6				
TOTAL	.2	3.1	8.7	15.3	20.0	21.4	10.7	9.4	4.8	4.8	1.3	.2					900	900	900	900				
Element (X)	Σ X²		Σ X		X̄		σ²		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	3938197		58295		64.3		13.436		900		≤ 0 F		≤ 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total	
Dry Bulb	6204834		74588		82.9		5.092		900						89.5		87.2		69.8		2.9		900	
Wet Bulb	4917168		66396		73.8		4.587		900						82.1		60.8		5.7				900	
Dew Point	4358008		62360		69.3		6.429		900						65.3		33.2		1.2				900	

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FORM 44
USAFETAC
0-26-5 (OL A)
REVISED PERVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 JUN
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97									.1									1	1		
96/ 95								.1										1	1		
94/ 93								.3	.7	.1	.3							19	19		
92/ 91					.2	.5	.8	.2	.8	.2								26	26		
90/ 89				.1	1.1	.8	.2	.8	.2		.1							30	30		
88/ 87				.3	2.2	1.9	1.0	.9	.3		.3							62	62		
86/ 85		.1		.7	3.9	2.6	1.4	.9	.1	.6								90	90		
84/ 83		.1	.2	4.2	5.5	3.0	1.3	.6	.2	.2	.2							136	136	6	
82/ 81		.1	1.7	4.2	4.5	3.4	2.3	1.3	.1	.1	.1							156	156	25	5
80/ 79		.5	3.3	3.7	3.4	4.1	2.7	.6	.1	.1	.1							163	163	57	15
78/ 77		.6	1.7	2.5	1.1	.8	1.7	.8	.3	.2								86	86	129	38
76/ 75	.2	.6	2.2	1.7	1.1	.3	.2	.2										52	52	174	124
74/ 73	.1	1.3	.6	.6	.1	.1	.3	.1										28	28	166	123
72/ 71		.1	.6	.5	.2	.2	.1											15	15	113	131
70/ 69			.5															4	4	86	112
68/ 67																				61	97
66/ 65		.3	.1															4	4	29	62
64/ 63		.1																1	1	13	56
62/ 61		.1																1	1	14	45
60/ 59																				2	27
58/ 57																					14
56/ 55																					17
54/ 53																					17
52/ 51																					6
50/ 49																					5
46/ 45																					2
TOTAL	.3	3.9	10.9	17.8	23.4	17.8	12.1	6.7	3.1	2.3	1.0	.6						875	875	875	875
Element (X)	Σ X'		Σ X		X		s _x		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	4081970		58656		67.0		13.098		875		≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	5881113		71605		81.8		4.945		875				89.4	87.4	63.2	2.2	90				
Wet Bulb	4737643		64271		73.5		4.381		875				84.0	57.3	5.7		90				
Dew Point	4241477		60691		69.4		6.040		875				65.6	31.4	.9		90				

USAFETAC FORM 0-26-5 (OLA) AIR 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

17717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-83
 YEARS

JUN
 MONTH

PAGE 1 1800-200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
92/ 91						.1	.1			.1	.1							4	4	
91/ 89					.1	.5		.2										7	7	
88/ 87				.5	.5	.5	.3	.1	.1	.1								18	18	
86/ 85			.1	2.2	.9	.7	.2	.2	.2									40	40	
84/ 83			.8	2.8	2.5	1.0	.5	.1										67	67	
82/ 81		.1	2.0	4.5	2.4	1.3	.7	.2	.1	.2								100	100	13
79/ 79		.7	5.8	5.5	3.6	2.5	.5	.2										163	163	38
78/ 77	.2	1.6	7.5	4.6	5.5	1.6	.7		.2	.1								192	192	68
76/ 75	.3	2.0	3.0	3.8	2.8	1.6	.5	.2	.1									124	124	166
74/ 73	.1	1.4	1.7	2.1	1.2	1.2	.3											69	69	181
72/ 71		.9	2.5	.9	.5	.5	.1											47	47	122
70/ 69		1.0	.7	.2	.1	.1												19	19	110
68/ 67			.6	.1	.1			.1										8	8	81
66/ 65		.3	.3	.1														7	7	43
64/ 63		.1																1	1	24
62/ 61		.1																1	1	16
60/ 59																				4
58/ 57																				1
56/ 55																				1
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
44/ 43																				
TOTAL	.7	8.3	25.0	27.3	20.2	11.5	3.9	1.5	.8	.6	.1							867	867	86
Element (X)	ΣX'		ΣX		I		Σn		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.	4907884		64476		74.4		11.424		867		≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb	5320698		67812		78.2		4.406		867				89.1	91.4	31.9					
Wet Bulb	4536200		62602		72.2		4.299		867				80.9	48.4	2.8					
Dew Point	4173345		59959		69.2		5.560		867				64.4	27.8	.2					

USAFETAC FORM AIR 34 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFR SC 69-70, 73-80 JUN PAGE 1 2100-2300
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
86/ 35			.2	.6	.2	.1															10	10			
84/ 83			1.0	1.6	.7	.4	.2															32	32		
82/ 81		1.0	2.1	2.0	.5	.4	.1															49	49	3	
82/ 79	.1	.6	4.6	3.1	1.6	.7																88	88	24	11
78/ 77		3.8	7.8	5.4	3.2	.6																170	170	55	23
76/ 75	.1	5.3	7.8	6.0	1.8	.6																177	177	111	69
74/ 73	.5	3.3	5.1	1.6	1.5	.2	.1															101	101	164	114
72/ 71	.5	1.1	4.5	1.0	1.2	.9	.1															76	76	139	132
70/ 69		2.3	2.2	.5	.7		.1															48	48	127	137
68/ 67		1.7	1.7	.5	.2	.1																35	35	74	99
66/ 65		.7	.6	.4			.1	.2														17	17	49	41
64/ 63		.4	.2																			5	5	36	49
62/ 61		.6	.2	.1																		8	8	20	30
60/ 59		.2																				2	2	12	32
58/ 57																								6	10
56/ 55																									17
54/ 53																								2	1
52/ 51																								1	1
50/ 49																									
48/ 43																									1
46/ 39																									1
TOTAL		1.2	21.0	38.3	22.6	11.7	4.0	.7	.2														818	818	818
																							818		818

REPRODUCED BY THE FEDERAL GOVERNMENT

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12717 MYRTLE BEACH AFB SC 69-70,73-80 JUN MONTH
STATION STATION NAME YEARS PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
96/ 97										.0								2	2					
96/ 95									.1	.0								7	7					
94/ 93						.0	.0	.2	.2	.1	.1	.0						45	45					
92/ 91					.0	.2	.3	.1	.3	.2	.1	.0						80	80					
91/ 89				.0	.4	.5	.4	.4	.1	.0	.0							129	129					
88/ 87				.1	.8	1.1	.5	.3	.2	.1	.1							201	201					
86/ 85		.0	.1	.8	1.5	1.5	.6	.4	.1	.2	.0	.0						348	348					
84/ 83		.0	.4	2.5	2.6	1.5	.7	.4	.1	.1	.0							569	569	15				
82/ 81		.2	1.8	3.1	2.6	1.6	.7	.5	.2	.1	.0							719	719	87	11			
81/ 79	.0	.6	3.4	3.2	2.3	1.8	.7	.4	.1	.1	.0							850	850	253	62			
79/ 77	.0	1.9	4.6	3.3	2.2	.7	.5	.3	.2	.1								925	925	618	219			
76/ 75	.1	2.7	4.2	2.6	1.2	.7	.2	.1	.0									802	802	1056	612			
74/ 73	.3	3.1	2.4	1.5	.7	.5	.2	.1	.0									584	584	1192	952			
72/ 71	.2	1.9	3.0	.7	.6	.4	.1	.1										469	469	1005	1029			
71/ 69	.1	2.3	1.7	.6	.2	.1	.0	.0										339	339	771	934			
69/ 67	.1	1.9	1.4	.4	.2	.1	.0	.0										282	282	623	767			
66/ 65	.0	1.4	.4	.2	.1	.0	.0	.0										152	152	421	677			
64/ 63	.0	.8	.3	.2	.0	.0	.0	.0										92	92	273	411			
62/ 61		.4	.3	.1	.0	.0	.0											57	57	184	315			
60/ 59		.3	.2	.0	.0	.0												35	35	89	265			
56/ 57		.1	.1	.0	.0													13	13	72	132			
56/ 55		.0	.0															3	3	22	134			
54/ 53																				12	81			
52/ 51																				7	32			
50/ 49																				3	27			
48/ 47																					16			
46/ 45																					0			
44/ 43																					0			
42/ 41																					2			
40/ 39																					2			
38/ 37																					2			
TOTAL	1.0	17.6	24.2	19.3	15.6	10.7	5.0	3.3	1.6	1.1	.3	.1								6703		6703		
Element (X)	Σx²		Σx		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	39174760		504304		75.2	13.565	6703	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	72										
Dry Bulb	40410284		518666		77.4	6.427	6703			682.2	565.1	274.1	5.8	72										
Wet Bulb	34437146		479234		71.5	5.097	6703			603.7	346.0	21.2		72										
Dew Point	31696272		459176		68.5	6.000	6703			492.7	199.5	3.0		72										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 APO WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC 69-70, 74-80 JUL
STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
67/87						.1	.1											2	2			
67/85				.6	.5	.4												12	12			
77/83			1.1	4.6	1.6													59	59			
77/81		1.3	5.3	5.1	1.5	.3												107	107			
77/79		3.1	7.1	5.0	1.1	.4												134	134	35	1	
77/77		5.1	10.5	4.3	.8	.3												167	167	122	59	
76/75	.3	5.3	8.3	2.5	.5	.5												138	138	195	118	
74/73	.4	4.8	4.8	1.4	.1													91	91	181	173	
72/71	.3	3.6	1.9	.8	.1													53	53	122	197	
71/69		.9	1.7	.5														19	19	21	11	
66/67		.5	.4	.3														9	9	29	5	
67/65		.4	.5															7	7	20	32	
64/63																				11	24	
62/61																				2	11	
61/59																					9	
TOTAL	.9	24.9	40.9	25.1	6.3	1.9	.1													798	798	798

Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5558013	66315	83.1	7.690	798			92.2	82.7	28.0		93
Dry Bulb	4786273	61725	77.3	3.859	798			89.2	62.1	1.3		93
Wet Bulb	4328380	58708	73.6	3.415	798			84.1	42.5			93
Dew Point	4127587	57313	71.8	3.769	798							93

FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 74-87 YEARS JUL
 STATION STATION NAME MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
60/85						.3												2	2					
64/82			.1	1.4	.8	.1												19	19					
67/81		.4	3.4	2.8	.6	.5												61	61					
71/79		3.6	6.4	2.3	.4	.1												102	102	15	2			
75/77		6.5	8.0	1.8	.9	.1												138	138	79	45			
79/75	.1	7.9	11.7	2.3	.1	.3												178	178	155	90			
82/73	.5	7.8	7.1	1.0	.1													132	132	167	149			
86/71	.4	6.0	2.8	.9														80	80	191	180			
89/69	.4	2.9	2.8	.9														55	55	85	166			
92/67		1.3	1.3															20	20	50	63			
96/65		.5	.5	.1														9	9	32	46			
99/63		.3																2	2	18	24			
102/61																				5	24			
105/59																				1	5			
108/57																								
TOTAL	1.4	37.1	44.0	13.3	2.0	1.4												798	798	798	798			
Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	5878738	68260	85.5	7.072	798	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	4567314	60292	75.6	3.883	798			91.7	73.7	14.9		93												
Wet Bulb	4200295	57825	72.5	3.570	798			86.5	48.5	.2		97												
Dew Point	4027480	56608	70.9	3.857	798			81.2	33.3			93												

USAFETAC FORM 0-26-5 (OLA) REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

JUL
 MONTH

PAGE 1 0600-0900
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point	
8/ 87				.2	.1	.1												4	4			
6/ 85				1.0	1.2	1.2	.1											32	32			
4/ 83			2.1	3.1	2.4	.5	.1	.2										78	78			
2/ 81		.8	4.2	5.9	1.3	.2												115	115	2		
1/ 79		1.7	7.6	4.8	1.5	.5	.2											151	151	55	12	
73/ 77		4.9	8.2	3.9	1.3	.3	.2											171	171	130	54	
76/ 75	.3	5.7	7.7	2.2	.6	.1												154	154	211	155	
74/ 73		6.4	3.9	1.2	.3	.2												111	111	203	201	
77/ 71	.4	3.1	2.4	.3	.3													61	61	158	203	
77/ 69	.1	1.0	1.5	.3														27	27	87	143	
63/ 67		.6	.6	.3														15	15	41	61	
67/ 65		.1	.2	.1														4	4	28	41	
74/ 63		.3																3	3	10	22	
62/ 61																					5	18
77/ 59																					1	17
67/ 57																						6
TOTAL	.9	24.6	38.3	23.3	8.7	3.2	.6	.2										926	926	926	926	
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Num.	6329462	76140	82.2	8.629	926	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	5575677	71747	77.5	4.246	926			92.3	82.0	31.9		93										
Wet Bulb	5009255	68027	73.5	3.567	926			88.6	59.9	1.6		93										
Dew Point	4760234	66292	71.6	3.948	926			83.3	42.4	.2		93										

USAFETAC FORM 0-26-5 (O.L.A.) REVERSE METRIC VERSION OF THIS FORM IS OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
08/ 97										.1								1	1		
06/ 95								.2	.4	.1								7	7		
04/ 93						.3	.2	.4	.4									13	13		
02/ 91					.1	.6	1.0	1.1	.4									30	30		
01/ 89					1.0	2.8	3.0	1.1	.3		.1							77	77		
08/ 87				1.1	5.1	7.6	2.8	.8	.4	.1		.1						167	167		
06/ 85			.5	1.8	7.6	6.7	2.9	.3	.2	.4								191	191		
04/ 83			.6	6.0	8.2	2.5	1.4	.3	.3	.1								181	181	4	
01/ 81		.1	1.2	5.3	4.4	1.7	1.3	.6	.1									137	137	48	
01/ 79		.1	1.7	2.7	1.0	1.1	.5	.2										68	68	159	29
08/ 77		.1	1.5	.6	.5	.3	.6	.1										36	36	267	84
06/ 75		.1	.4	.1	.2	.1												9	9	211	166
04/ 73	.1	.4	.1		.3													8	8	109	241
02/ 71		.1	.2	.2														5	5	45	166
01/ 69																				13	92
08/ 67																				19	51
06/ 65																				14	19
04/ 63																				1	21
02/ 61																					14
01/ 59																					14
08/ 57																					0
06/ 55																					0
04/ 53																					0
TOTAL	.1	1.0	6.3	17.8	28.3	23.8	13.8	5.2	2.7	.9	.1	.1						930	930	930	930
Element (X)	Σx ²		Σx		Σ		Σ _n		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	4289786		62526		67.2		9.623		930		≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	6668105		78665		84.6		3.902		930				93.0	92.5	84.4	2.1	93				
Wet Bulb	5392161		70749		76.1		3.279		930				91.5	81.8	10.5		93				
Dew Point	4886059		67291		72.4		4.297		930				84.9	54.0	.9		93				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	O.S./W.B.	Dry Bulb	Wet Bulb	Dew Point														
12/171																	.1															1	1		
10/99																	.1															1	1		
8/97											.1	.3	.2																		7	7			
6/95										.2	.3	.2	.4				.2														13	13			
4/93							.8	1.6	1.0	1.6	.5	.2																			53	53			
2/91					.2	2.0	2.6	2.0	.5	.2							.1														72	72			
1/89					3.7	6.4	3.9	2.2	.3	.3	.3	.1																			159	159			
8/87				.9	6.6	8.6	3.3	.6	.5	.4	.4						.1													200	200				
6/85				2.5	6.8	4.8	1.5	1.1	.8	.2	.2																			166	166				
4/83			.9	3.3	3.8	2.3	1.7	.3																						114	115	26			
2/81			.8	2.8	1.9	.8	1.5	.6		.1																				79	79	107	4		
1/79			1.2	.8	.2		.5	.1																						26	26	219	58		
7/77		.1	.8	.2	.3	.1	.1																							15	15	239	126		
5/75		.4	.6		.1	.1																								12	12	147	206		
3/73	.1	.4	.1	.1																										7	7	94	188		
1/71					.1																									1	1	4	14		
1/69				.1																										1	1	38	71		
6/67			.2																											2	2	10	42		
6/65																																6	26		
4/63																															3	21			
2/61																																			
1/59																																			
8/57																																			
4/53																																			
2/51																																			
4/47																																			
TOTAL	.1	1.2	4.4	10.5	23.7	25.8	17.0	8.3	4.1	2.6	1.5	.5	.2																	929	930	929	929		
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Num.	3956104		59786		64.8		10.816		929		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total												
Dry Bulb	6994445		80551		86.6		4.353		930						93.0		92.6		87.9		7.5		93												
Wet Bulb	5522599		71553		77.0		3.517		929						92.1		83.3		21.1				93												
Dew Point	4955238		67702		72.9		4.799		929						83.6		58.3		2.4				93												

USAFETAC FORM 0-26-5 (O.L.A.) REVISION 10-64 (SEE INSTRUCTIONS ON REVERSE SIDE)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC
 STATION

69-70,73-80
 YEARS

JUL
 MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	=31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
95/ 97								.1	.1									3	3		
96/ 95							.2	.3	.4	1.0								18	18		
94/ 93						.4	.7	.9	.8	.4	.3							32	32		
97/ 91					.2	.9	1.6	1.0	.8							.1		42	42		
91/ 89				.3	1.7	4.9	3.6	1.5	.1	.2	.4	.1						119	119		
93/ 87				.8	6.9	5.5	2.0	.7		.8	.1							153	153		
86/ 85		.1	.2	3.4	1.6	5.1	1.8	1.1	.3	.4								212	212		
84/ 83			.9	3.6	3.6	2.1	1.4	.3	.1									110	110	14	1
81/ 81		.2	.9	3.6	2.1	1.5	1.3	.4										92	93	83	6
79/ 79	.1	.8	2.7	1.6	.8	1.2	.4	.1										71	71	218	44
77/ 77		1.2	1.6	.4		.1												32	32	229	156
75/ 75		1.0	.8	.1														17	17	167	187
74/ 73		.7	.3	.1														10	10	95	198
72/ 71		.2	.2															4	4	59	127
71/ 69			.1															1	1	37	80
67/ 67			.1	.1														2	2	13	40
67/ 65			.1															1	1	1	30
64/ 62																				3	17
61/ 61																					18
59/ 59																					10
58/ 57																					4
55/ 55																					1
TOTAL	.1	4.1	7.9	14.0	25.9	21.8	13.1	6.4	2.6	2.8	1.0	.2						919	920	919	919
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	4317914		62770		67.5		11.700		919		± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F					
Dry Bulb	6720271		78515		85.3		4.620		920				92.9	92.2	83.2	5.4	93				
Wet Bulb	5424426		70536		76.8		3.394		919				92.6	81.6	18.9	93					
Dew Point	4923963		67141		73.1		4.516		919				84.5	59.9	2.5	93					

USAFETAC FORM 0-26-5 (OLA) AIR WEATHER SERVICE BRANCH OF THE U.S. AIR FORCE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

JUL

STATION STATION NAME

YEARS

MONTH

PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 95								.1										2	2		
84/ 93						.1		.3		.1								4	4		
82/ 91					.1	.1	.3	.4	.2									11	11		
81/ 89					.7	1.1	.4	.1		.1								22	22		
80/ 87				.7	2.9	2.9	1.1	.1										71	71		
80/ 85			.7	5.7	6.1	3.3	.5	.3	.2									154	154		
84/ 83		.1	2.3	8.7	5.3	2.4	.7	.3	.1									183	183	3	
82/ 81			3.7	6.2	4.6	1.7	.5	.3										157	157	30	3
81/ 79		.9	4.5	4.8	1.9	2.2	.2	.1										133	133	142	25
78/ 77	.1	2.3	3.1	1.5	1.9	.7	.2											89	89	231	113
76/ 75	.1	2.3	1.9	.9	.5	.1												53	53	208	217
74/ 73		.8	1.1	.3	.1	.1												22	22	150	197
72/ 71		.4	.8	.1														12	13	68	148
71/ 69	.1																	1	1	58	82
70/ 67			.7															2	2	20	49
76/ 65		.1																1	1	3	33
74/ 63																				4	29
72/ 61																					13
71/ 59																					6
68/ 57																					2
TOTAL	.3	6.9	18.1	28.9	24.1	14.7	4.0	1.6	1.1	.2								917	918	917	917
Element (X)	Z _g	Z _x	X	° _s	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5100703	67781	73.9	9.945	917	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6193097	75303	82.0	4.182	918			92.9	91.3	69.0	.6	93									
Wet Bulb	5250106	69316	75.6	3.339	917			92.3	77.5	8.8		93									
Dew Point	4868569	66713	72.8	4.061	917			84.6	56.3	1.2		93									

FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC FORM 44 64

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
8/ 87						.6	.1											6	6		
6/ 85				2.2	1.6	1.4												45	45		
4/ 83		.2	3.8	8.1	4.2	.7												149	149		
2/ 81		1.0	8.4	6.7	2.1	.7	.3											169	169	6	1
7/ 79		1.3	8.5	5.1	3.0	.9	.2											167	167	78	14
79/ 77	.2	2.8	7.6	4.1	1.6	.1												145	145	205	86
76/ 75	.3	3.9	4.9	1.8	.6	.6												106	106	210	182
74/ 73		2.7	1.1	1.4	.1	.1												48	48	179	200
72/ 71		.9	1.3	.3	.2													24	24	101	181
70/ 69		1.0	.3															12	12	52	94
68/ 67		.3	.3															6	6	27	50
66/ 65			.1															1	1	13	28
64/ 63																				6	25
62/ 61																				1	8
60/ 59																					9
TOTAL	.6	14.2	36.4	29.7	13.3	5.0	.7											878	878	878	878
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5633338	69942	79.7	8.389	878	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5539643	69661	79.3	3.806	878			92.9	88.4	48.4		93									
Wet Bulb	4898686	65518	74.6	3.310	878			90.9	71.8	2.6		93									
Dew Point	4624004	63630	72.5	3.797	878			85.6	51.2	.5		93									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb
12/101																		1	1	
10/99																		1	1	
98/97										.0	.0	.1	.0				11	11		
96/95								.1	.1	.2	.2	.0	.0				40	40		
94/93							.2	.3	.3	.4	.1	.1					102	102		
92/91					.1	.5	.7	.6	.3	.0							155	155		
90/89				.0	.9	2.0	1.4	.6	.1	.1	.1	.0					377	377		
88/87				.5	2.8	3.3	1.2	.3	.1	.2	.1	.0	.0				603	603		
86/85		.0	.2	2.2	4.5	3.0	.9	.4	.2	.1	.0						814	814		
84/83		.0	1.5	4.9	3.8	1.4	.7	.2	.1	.0							893	894	47	
82/81		.5	3.4	4.8	2.4	.9	.6	.3	.0	.0							917	918	276	
80/79	.0	1.4	4.9	3.4	1.2	.8	.3	.1									852	852	916	
78/77	.0	2.8	5.0	2.1	.9	.3	.2	.0									793	793	1502	
76/75	.1	3.2	4.3	1.2	.3	.2											667	667	1504	
74/73	.1	2.9	2.2	.7	.1	.1											429	429	1198	
72/71	.1	1.7	1.1	.3	.1												240	241	784	
70/69	.1	.7	.7	.2													116	116	471	
68/67		.4	.4	.1													56	56	209	
66/65		.1	.2	.0													23	23	117	
64/63		.1															5	5	56	
62/61																			13	127
60/59																			2	86
58/57																				24
56/55																				3
54/53																				2
52/51																				1
49/47																				1
TOTAL		.513	.723	.820	.317	.112	.664	2.8	1.4	.8	.4	.1	.0					7095		7095
Element (X)	Σ X'	Σ X	X	X	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	41064058	532820	75.1	12.168	7095	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	47044825	576459	81.2	5.669	7098			741.1	697.8	458.1	16.2	744								
Wet Bulb	40025908	532234	75.0	3.758	7095			724.3	570.8	67.5		744								
Dew Point	37173134	512690	72.3	4.211	7095			672.1	401.1	8.1		744								

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83		.2	.6	1.0	.2	.2												19	19		
82/ 81	.1	.8	3.9	5.6	.8													95	95	5	2
80/ 79	.2	2.1	9.6	8.0	.8	.2												177	177	26	13
78/ 77	.5	2.6	10.7	3.9	.7													155	155	82	31
76/ 75	1.0	5.2	9.4	1.7	.1													146	146	182	113
74/ 73	.2	4.8	5.7	1.1														99	99	202	167
72/ 71	.4	3.1	2.4	1.1	.1	.1												60	60	169	212
70/ 69	.2	1.3	3.5	1.3	.4													56	56	63	141
68/ 67		.5	1.0	.7	.1													19	19	40	51
66/ 65		.5	.4	.1														8	8	30	35
64/ 63		.1	.1															2	2	23	28
62/ 61		.1	.1															2	2	14	22
60/ 59		.2																2	2	2	13
58/ 57																				2	6
56/ 55																					6
TOTAL	2.6	21.7	47.4	24.4	3.3	.6												840	840	840	840
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5928932	70324	83.7	7.031	840	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	4974309	64093	76.3	4.776	840			91.4	76.5	23.1		93									
Wet Bulb	4457882	61106	72.7	3.892	840			85.1	55.0	1.0		93									
Dew Point	4253586	59666	71.0	4.292	840			80.8	36.1	.7		93									

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-81
YEARS

AUG
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
84/ 83			.2	.5	.2													8	8			
82/ 81			2.5	1.7	.1													30	30			
81/ 79	.8	1.9	6.8	3.2	.4	.1												111	111	21	15	
79/ 77	.5	4.6	10.8	2.7	.5													161	161	44	22	
78/ 75	.6	4.8	14.6	2.0	.2													187	187	141	89	
74/ 73	1.2	6.4	6.1	1.0														123	123	198	132	
72/ 71	.6	5.2	5.1	.7														98	98	193	203	
71/ 69	.8	2.3	1.4	.2	.2													42	42	98	171	
69/ 67		1.1	3.8	.8	.1													49	49	52	72	
67/ 65		1.2	.6	.5														19	19	30	47	
64/ 63		.4	.1	.2														6	6	34	26	
62/ 61		.1																1	1	18	37	
61/ 59		.5	.1															5	5	7	11	
58/ 57																				4	14	
56/ 55																					7	
TOTAL	4.5	28.5	52.3	12.9	1.8	.1													840	840	840	
Element (X)	Σ X'		Σ X		X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	6226290		72104		85.8	6.643	840	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	4706316		62780		74.7	4.122	840			89.6	68.6	9.2	93									
Wet Bulb	4337324		60264		71.7	4.057	840			82.7	44.7	.2	93									
Dew Point	4162353		59013		70.3	4.432	840			77.4	28.0	.2	93									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

13717 MYRTLE BEACH AFB SC

69-70, 73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-06
 HOURS (L. S.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb		De-		
86/ 85				.6	.1	.1														8	8		
84/ 83			1.1	2.2	1.9															48	48		
82/ 81		.4	3.0	3.9	1.2	.1		.1												81	81		
80/ 79		1.4	6.0	5.2	1.0															126	126	30	
78/ 77	.5	2.7	9.2	3.9	.9	.1														160	160	37	
76/ 75	1.0	5.0	10.8	2.2	.5															190	180	180	
74/ 73	.5	6.5	4.9	1.3	.2	.2														126	126	208	
72/ 71	.6	4.5	3.8	.5	.1	.1														90	90	188	
70/ 69	.4	1.9	2.3	.8	.2															52	52	95	
68/ 67		1.3	1.1	.9																30	30	53	
66/ 65		1.0	.5	.1																15	15	35	
64/ 63		.1	.1	.1																3	3	33	
62/ 61		.3	.1	.1																5	5	7	
60/ 59		.3																		3	3	6	
58/ 57																						5	
56/ 55																							
54/ 53																							
TOTAL	3.1	25.5	42.8	21.7	6.1	.6		.1													927		
																					927		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F
Rel. Hum.	6595457	77857	84.7	7.804	927						
Dry Bulb	5353268	70322	75.9	4.489	927			97.4	73.1	26.3	
Wet Bulb	4868048	67074	72.4	4.304	927			94.4	50.7		
Dew Point	4646858	65510	70.7	4.328	927			78.4	38.1		

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A110 241

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
MYRTLE BEACH AFB, SOUTH CAROLINA. REVISED UNIFORM SUMMARY OF SU--ETC(U)
AUG 81

UNCLASSIFIED

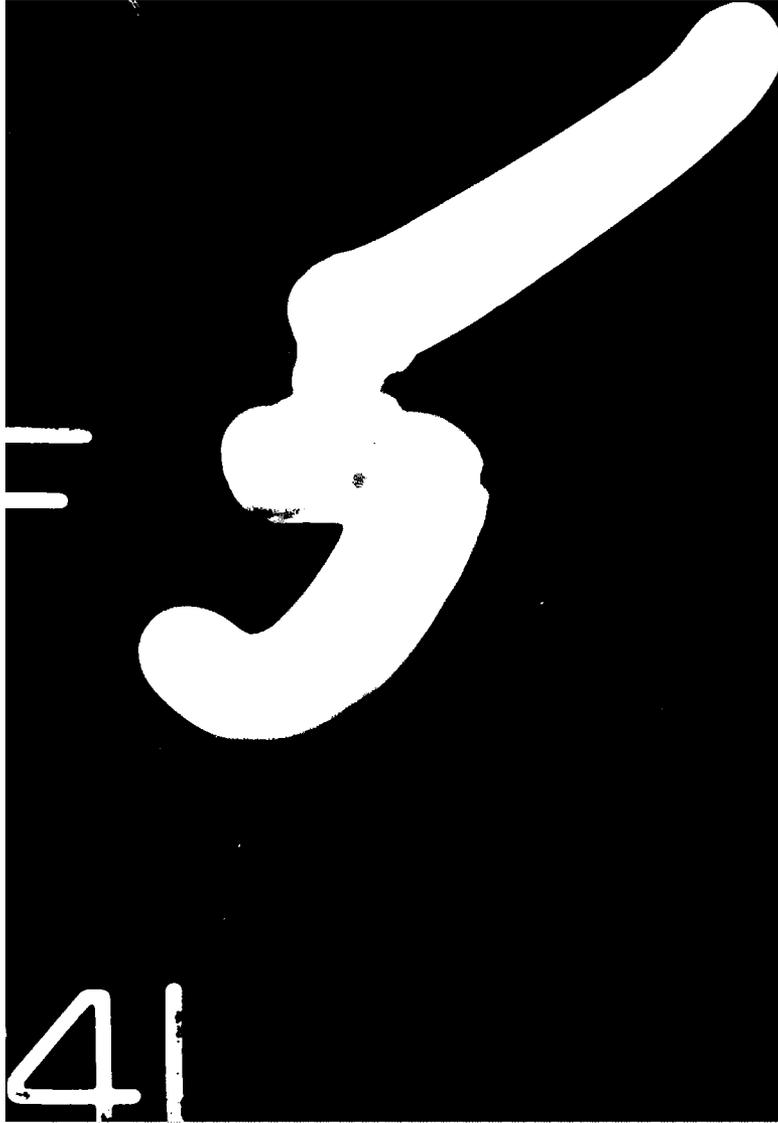
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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point	
94/ 93						.2	.2												4	4		
92/ 91					.1	.3	.9	.6	.3										21	21		
90/ 89					.4	2.2	3.9	.8											67	67		
88/ 87				.1	2.9	7.0	2.5	.4	.3										123	123		
86/ 85			.8	2.3	8.8	5.8	1.2	.4	.5										183	184		
84/ 83			1.0	6.1	8.0	2.2	1.0	1.1	.4										182	183		
82/ 81		.1	2.6	5.7	3.1	.9	1.0	.5	.1	.1									131	131	27	
80/ 79		.5	2.5	2.4	1.7	1.1	.5	.3											84	84	133	16
78/ 77		.6	.9	1.6	.9	.9	.5	.1											51	51	300	69
76/ 75	.1	.9	1.6	.5	.4	.1	.2												36	36	192	201
74/ 73		1.3	.9	.3		.2													25	25	110	265
72/ 71	.1	.2	1.0	.1		.1													14	14	67	147
70/ 69		.1	.1																2	2	50	88
68/ 67			.1	.1															2	2	28	31
66/ 65																					8	34
64/ 63																					7	27
62/ 61																					2	27
60/ 59																						8
58/ 57																						6
56/ 55																						3
54/ 53																						2
52/ 51																						1
TOTAL	.2	3.8	11.4	19.2	26.4	20.8	11.9	4.5	1.7	.1									925	927	925	925
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	4578620	64380	89.6	10.287	925	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93										
Dry Bulb	6453294	77238	83.3	4.384	927			93.0	91.2	77.0	.4	93										
Wet Bulb	5294769	69909	75.6	3.487	925			91.3	76.7	5.9		93										
Dew Point	4832013	66733	72.1	4.370	925			82.1	55.4	.8		93										

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS AUG MONTH PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	O.S./W.S.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97								.1										1	1																
96/ 95								.2	.3	.1								6	6																
94/ 93						.2	.2	1.5	.3	.1								22	22																
92/ 91					.2	2.4	2.7	1.1	.6	.2								67	67																
90/ 89				.4	1.9	5.1	4.0	1.9	.5	.1								130	132																
88/ 87				.8	4.4	10.1	3.2	.9	.3	.1	.1							184	185																
86/ 85			.3	2.5	5.6	5.2	2.3	1.8	1.2	.2								177	177	1															
84/ 83			.5	4.8	4.7	1.4	1.5	1.0	.3									131	131	14															
82/ 81		.1	1.6	3.2	2.3	.6	.6	.5	.2									86	86	77	7														
80/ 79		.4	1.7	2.5	.9	.4	.6	.5	.1									67	67	204	38														
78/ 77		.8	.6	.6	.2		.1	.1	.2									25	25	253	107														
76/ 75		.6	.2	.2	.4		.1											15	15	156	227														
74/ 73	.1	.4	.4	.2														11	11	101	212														
72/ 71			.2															2	2	52	124														
70/ 69																				37	67														
68/ 67																				19	38														
66/ 65																				6	39														
64/ 63																				4	20														
62/ 61																					18														
60/ 59																					16														
58/ 57																					6														
56/ 55																					2														
54/ 53																					2														
52/ 51																					1														
TOTAL	.1	2.4	5.7	15.3	20.7	25.4	15.5	9.6	4.3	.9	.1							924	927	924	924														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					
Rel. Num.	4141301	61073	66.1	10.645	924	= 67 F	= 73 F	= 80 F	= 93 F	Total	
Dry Bulb	6805573	79331	85.6	4.230	927	93.0	92.8	84.9	2.9	93	
Wet Bulb	5433660	70782	76.6	3.527	924	92.0	81.1	17.5		93	
Dew Point	4906586	67194	72.7	4.677	924	82.5	59.5	2.1		93	

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

YEARS

AUG
MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.1										1	1		
94/ 93								.1		.1								8	8		
92/ 91					.3	1.0	1.2	.2	.2	.1								28	28		
91/ 89				.3	1.1	4.6	2.7	1.5	.1									96	96		
88/ 87				.3	4.3	7.4	2.7	.8	.1	.2								147	148		
86/ 85			.4	4.6	6.9	6.7	1.1	.9	.8	.2								200	200		
84/ 83			1.4	6.3	5.5	2.2	2.3	1.3	.3									178	178	11	
82/ 81	.1	1.8	5.1	2.3	1.8	1.1	.4											117	117	61	4
80/ 79	.3	2.7	2.3	1.2	.6	.2	.5											73	73	175	35
78/ 77	1.0	1.7	1.3	.4	.3	.5	.2											51	51	244	115
76/ 75	1.0	.5	.1	.5														20	20	213	209
74/ 73	.2		.2															4	4	95	221
72/ 71	.1	.3																4	4	65	130
70/ 69		.1																1	1	38	78
68/ 67																				19	35
66/ 65																				6	45
64/ 63																				1	16
62/ 61																					15
60/ 59																					18
58/ 57																					4
56/ 55																					3
TOTAL		2.7	9.1	20.5	22.5	24.7	11.9	6.6	1.5	.6									929		928
TOTAL																		928		928	
Element (X)	$\sum X^2$	$\sum X$		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Num.	4459930	63626		68.6	10.259	928		$\leq 0 F$	$\leq 32 F$	$= 67 F$	$= 73 F$	$= 80 F$	$= 93 F$	Total							
Dry Bulb	6629716	78394		84.4	3.941	929				93.0	92.5	82.0	.9	93							
Wet Bulb	5409350	70782		76.3	3.373	928				92.3	80.1	14.4		93							
Dew Point	4926403	67489		72.7	4.437	928				82.9	58.5	1.5		93							

USAFETAC FORM 0-26-5 (O.L.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 AUG
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91					.1													1	1		
90/ 89					.3	.4	.2	.3	.1									13	13		
88/ 87			.1	.2	1.7	1.7	.4											39	39		
86/ 85			1.1	2.8	5.5	2.0	.3		.1									110	110		
84/ 83		.1	2.8	7.8	6.7	1.0	.6	.1										178	178	2	
82/ 81		.3	4.7	7.8	4.3	1.1	1.3	.1										183	183	22	4
80/ 79		.6	6.1	6.1	1.8	2.0	.4	.1										161	161	95	26
78/ 77		1.7	5.8	2.6	1.8	.4	.8											122	122	210	78
76/ 75	.2	1.7	3.1	1.1	.2	.8	.1											67	67	248	177
74/ 73		1.1	1.1	.4	.2	.3												29	29	163	253
72/ 71	.2	1.0	.8	.1	.2													21	21	82	166
70/ 69		.2	.2															4	4	67	78
68/ 67			.1															1	1	23	54
66/ 65		.1																1	1	14	39
64/ 63																				4	25
62/ 61																					17
60/ 59																					9
58/ 57																					3
56/ 55																					1
TOTAL	.4	6.9	25.9	29.0	22.9	9.8	4.2	.6	.2									930	930	930	930
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	5396996		70298		75.6	9.465	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93							
Dry Bulb	6097010		75214		80.9	3.890	930			92.9	90.3	62.1		93							
Wet Bulb	5240455		69741		75.0	3.371	930			91.2	74.0	5.4		93							
Dew Point	4882515		67277		72.3	4.103	930			83.6	53.8	1.3		93							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
96/ 85			.3	.7	.1	.1												11	11		
94/ 83		.1	1.1	4.7	3.7	.2	.3											91	91		
82/ 81		1.3	6.0	11.1	3.4	.2	.1	.1										201	201	8	3
80/ 79	.1	1.4	6.8	5.1	2.0	.2	.2											143	143	37	19
78/ 77	.3	2.4	8.8	4.8	2.0	.6	.3											173	173	136	44
76/ 75	.2	4.8	7.6	1.6	.6	.4	.1											137	137	240	125
74/ 73	.1	2.8	3.0	1.1	.2	.2												67	67	213	248
72/ 71	.1	1.2	2.0	1.2	.7													47	47	131	182
70/ 69	.1	.9	.7	.4	.2													21	21	56	132
68/ 67			.4	.1														5	5	37	56
66/ 65		.2		.1														3	3	22	27
64/ 63			.1															1	1	15	28
62/ 61																				3	14
60/ 59																				2	13
58/ 57																					7
56/ 55																					2
TOTAL	1.0	15.2	36.8	30.9	12.9	2.0	1.1	.1										900	900	900	900

Element (X)	ΣX'	ΣX	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 60 F	≤ 70 F	≤ 80 F	≤ 90 F		
Rel. Hum.	5878641	72335	80.2	8.498	900						
Dry Bulb	5819927	70401	78.2	3.792	900			92.6	85.0	39.5	93
Wet Bulb	4906122	66374	73.7	3.516	900			88.7	65.5	2.2	93
Dew Point	4636002	64488	71.7	4.115	900			83.6	45.4	.9	93

USAFETAC FORM 34 0-26-5 (OLA) REVISED SEPTEMBER 1968 USE PREVIOUS EDITIONS OF THIS FORM AND CHECKLIST

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

AUG
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
98/ 97								.0	.0									1	1			
96/ 95								.0	.0	.0								7	7			
94/ 93						.0	.1	.3	.0	.0								34	34			
92/ 91					.1	.5	.6	.2	.2	.0								117	117			
90/ 89				.1	.5	1.6	1.4	.6	.1	.0								306	308			
88/ 87			.0	.2	1.7	3.4	1.1	.3	.1	.0	.0							493	495			
86/ 85			.4	1.7	3.5	2.6	.6	.4	.3	.1								689	690	1		
84/ 83		.1	1.1	4.2	4.0	.9	.7	.4	.1									835	836	28		
82/ 81	.0	.4	3.3	5.5	2.2	.6	.5	.2	.0	.0								924	924	200	2	
80/ 79	.1	1.1	5.2	4.3	1.2	.6	.3	.2	.0									942	942	721	161	
78/ 77	.2	2.0	5.9	2.7	.9	.3	.3	.1	.0									898	898	1356	505	
76/ 75	.4	2.9	5.8	1.2	.4	.2	.1											788	788	1552	1251	
74/ 73	.3	2.9	2.7	.7	.1	.1												484	484	1290	1685	
72/ 71	.2	1.9	1.9	.5	.1	.0												336	336	947	1378	
70/ 69	.2	.8	1.0	.3	.1													178	178	504	913	
68/ 67		.3	.8	.3	.0													106	106	271	416	
66/ 65		.4	.2	.1														46	46	151	316	
64/ 63		.1	.1	.0														12	12	121	193	
62/ 61		.1	.0	.0														8	8	44	183	
60/ 59		.1	.0															10	10	17	100	
58/ 57																				11	56	
56/ 55																					30	
54/ 53																					5	
52/ 51																					2	
TOTAL	1.5	13.0	28.4	21.8	14.9	10.8	5.7	2.8	1.0	.2	.0							7214	7220	7214	7214	
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Num.	43206167	551997	76.5	11.589	7214	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	46469413	577773	80.0	5.690	7220			736.2	672.3	404.9	4.3	744										
Wet Bulb	39947610	536032	74.3	4.046	7214			708.5	530.9	48.2		744										
Dew Point	37246316	617370	71.7	4.434	7214			652.7	373.5	7.6		744										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,74-80 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point																
86/ 85				.1		.1																										2	2			
84/ 83			.2	.6	.5	.1																										12	12			
82/ 81			2.0	2.0	.9	.4																										42	42			
80/ 79		.5	4.0	4.6	1.1	.1																										83	83	4		
78/ 77	.2	1.2	7.9	2.1	.2	.1																										96	96	30	14	
76/ 75	.4	4.8	5.3	1.6	.6	.2																										105	105	100	40	
74/ 73	2.1	4.8	6.3	2.0	.6	.2	.1																									131	131	170	125	
72/ 71	.5	4.7	5.7	2.1	.1	.1																										107	107	109	145	
70/ 69	.9	3.3	3.5	1.9	.5	.1																										82	82	101	124	
68/ 67		2.0	1.0	1.1	.1																											34	34	85	80	
66/ 65	.5	3.0	1.2	1.1																												47	47	69	76	
64/ 63		2.1	.7	.4	.1	.4																										30	30	44	47	
62/ 61		.6	.7	.1	.1																											13	13	39	49	
60/ 59		.2	1.0	.4																												13	13	25	36	
58/ 57			.7	.1																												7	7	4	23	
56/ 55																																			18	19
54/ 53		.4																														3	3	7	3	
52/ 51		.1																														1	1	3	17	
50/ 49	.2																															2	2	2	8	
48/ 47																																				4
TOTAL	4.8	27.8	40.2	20.1	4.9	2.0	.1																										810	810	810	810
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	5718988	67680	83.6	8.891	810	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb	4337022	59088	72.9	5.741	810			77.1	52.3	10.8																										90
Wet Bulb	3937261	56295	69.5	5.532	810			66.6	33.8	.2																										90
Dew Point	3734970	54778	67.6	6.139	810			58.7	19.9																											90

USAFETAC FORM 0-26-5 (O.L.A.) REVISE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,74-80
YEARS

SEP
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		=31	Dry Bulb	Wet Bulb	Dew Point
84/ 83			.4	.2	.1													6	6		
82/ 81			.5	1.2	.4	.1												18	18		
80/ 79		1.1	2.0	1.6	.6													43	43	3	
78/ 77		2.0	6.3	2.5	.1	.2												90	90	20	11
76/ 75	.4	3.2	7.3	1.7	.1													103	103	60	24
74/ 73	.5	5.6	4.4	.5	.4													92	92	127	73
72/ 71	2.3	6.3	7.4	.7	.1													137	137	140	147
70/ 69	2.0	5.1	3.8	1.0	.1	.1												98	98	121	140
68/ 67		3.3	4.3	2.0	.2		.1											81	81	89	97
66/ 65	1.0	2.2	1.5	.6	.1	.1												45	45	65	85
64/ 63		2.7	.7	.5	.5													36	36	58	52
62/ 61		1.5	1.6	.2	.4													30	30	45	50
60/ 59		.7	.2		.1													9	9	27	40
58/ 57			1.1															9	9	23	30
56/ 55			.5	.4														7	7	10	19
54/ 53		.2																2	2	11	8
52/ 51		.1																1	1	6	5
50/ 49	.1																	1	1	3	19
48/ 47	.2																	2	2	2	9
46/ 45																					1
TOTAL	6.5	34.1	42.1	13.2	3.3	.6	.1											810	810	810	810
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_s	No. Obs.	Mean No. of Hours with Temperature															
Rel. Num.	5960747	69149	85.4	8.439	810	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	4152024	57806	71.4	5.742	810			74.2	39.1	4.7		90									
Wet Bulb	3815291	55399	68.4	5.706	810			62.2	23.3	.1		90									
Dew Point	3637214	54040	66.7	6.277	810			54.7	12.0			90									

USAFETAC FORM 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.S./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
86/ 85					.2													2	2		
84/ 83			.1	.6	.4													10	10		
82/ 81		.1	1.0	1.4	.3	.1												27	27		
80/ 79		1.1	2.6	2.6	.4	.2												62	62	2	
78/ 77	.3	2.8	6.5	2.2	.6													111	111	44	
76/ 75	.4	2.4	6.7	2.2	.6													111	111	79	
74/ 73	1.4	4.7	5.1	2.2	.3													124	124	132	
72/ 71	1.7	5.6	6.0	.8	.4													130	130	142	
70/ 69	1.4	4.7	4.7	1.1	.2													109	109	135	
68/ 67	.7	2.8	3.1	.9	.1													68	68	120	
66/ 65	.4	2.6	1.1	1.3	.1	.2												52	53	69	
64/ 63		2.3	.8	1.2	.6	.1												45	45	53	
62/ 61		.8	.6	.2	.3													17	17	46	
60/ 59		.6	.6	.3														13	13	25	
58/ 57		.2	.4	.1														7	7	20	
56/ 55			.3	.3														6	6	11	
54/ 53			.1															1	1	10	
52/ 51		.1	.1															2	2	3	
50/ 49		.1																1	1	5	
48/ 47	.1																	1	1	3	
46/ 45																				5	
44/ 43																				1	
TOTAL	6.6	30.8	39.7	17.6	4.7	.7												899	900	899	
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	6517395	76139	84.7	8.763	899	$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	90									
Dry Bulb	4698527	64825	72.0	5.711	900			75.4	44.7	6.7		90									
Wet Bulb	4294319	61923	68.9	5.690	899			65.5	25.7			90									
Dew Point	4088458	60358	67.7	6.339	899			55.9	15.6			90									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

SEP
 MONTH

PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97									.1									1	1		
96/ 95									.1									1	1		
94/ 93								.1	.4									5	5		
92/ 91						.2	.7	.6										13	13		
90/ 89				.1		1.7	1.8	1.1										42	42		
88/ 87			.4	2.3	4.8	2.1	.3	.2										92	92		
86/ 85		.1	1.8	7.2	8.4	2.2	1.1	.2		.2								192	192		
84/ 83		.1	3.4	5.8	4.8	2.2	1.2	.4	.3		.2							165	165	1	
82/ 81	.1	.9	2.2	3.0	2.7	2.1	1.1	.6		.2								116	116	16	1
80/ 79	.4	1.6	2.3	2.4	1.2	1.3	.4	.3	.2	.1								94	94	89	10
78/ 77	.2	1.1	1.2	.7	.9	.8	.2	.1	.1									48	48	195	47
76/ 75	.3	.7	1.2	.7	.3	.6	.2	.6	.1									42	42	158	119
74/ 73	.1	.8	.4	.3	.2	.7	.2	.2		.1								28	28	153	160
72/ 71		.7	.4	.2		.1	.3											16	16	79	145
70/ 69		.3	.4	.6	.2	.6	.3											22	22	62	110
68/ 67		.1	.6	.1	.1													8	8	45	86
66/ 65		1.0	.2	.1														12	12	31	37
64/ 63																				34	39
62/ 61			.2	.1														3	3	16	53
60/ 59																				11	21
58/ 57																				7	25
56/ 55																				3	10
54/ 53																					8
52/ 51																					5
50/ 49																					5
48/ 47																					3
46/ 45																					3
44/ 43																					2
42/ 41																					2
TOTAL	.1	3.3	7.0	14.4	22.9	26.2	14.1	7.3	3.0	1.0	.6							900	900	900	900
Element (X)	ΣX'		ΣX		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature													
Rel. Num.	4014200		59184		65.8	11.662	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	6099664		73930		82.1	5.452	900			88.5	83.9	68.6	.7	90							
Wet Bulb	4884068		66140		73.5	5.114	900			79.8	61.2	5.2		90							
Dew Point	4352455		62301		69.2	6.651	900			67.8	33.7	.3		90							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 SEP
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
96/ 95									.1								1	1		
94/ 93							.2	.1									3	3		
92/ 91						.1	.2	.3	.2								8	8		
91/ 89					.2	.1	1.7	.3									21	21		
88/ 87				.3	1.2	2.4	.9	.3	.1	.1							49	49		
86/ 85				1.7	5.6	6.8	1.2	.2			.2						141	141		
84/ 83	.1	.7		5.8	6.2	4.9	1.7	.7	.4								184	184		
82/ 81	.2	.9		4.7	5.2	4.1	1.4	.9	.2								159	159	13	
80/ 79	.8	2.4	3.3	2.2	2.7	1.9	.7	.3	.1	.2							132	132	54	
78/ 77	.4	1.1	1.7	1.4	.8	.8	.7	.2									64	64	190	
76/ 75	.8	1.1	.7	.6	.9	.3	.1	.4	.2								46	46	180	
74/ 73	.7	.8	.7	.7	.1	.6	.2										33	33	159	
72/ 71	.4	.7	.1	.3	.1	.1											15	15	90	
70/ 69	.2	.7	.7	.1	.3	.1	.2										21	21	64	
68/ 67	.2	.3		.3													8	8	52	
66/ 65	.6	.1	.3														9	9	36	
64/ 63	.1	.2															3	3	24	
62/ 61	.1		.2														3	3	18	
60/ 59																			14	
58/ 57																			5	
56/ 55																			1	
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
44/ 43																				
TOTAL		4.7	9.0	20.1	23.8	23.6	11.1	4.8	2.0	.6	.4							900	900	900

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4290289	61267	68.1	11.533	900			88.5	84.1	64.4	.4	900
Wet Bulb	4850042	65924	73.2	4.854	900			80.2	59.6	2.8		900
Dew Point	4362947	62405	69.3	6.315	900			67.8	34.0	.1		900

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70, 73-80
 YEARS

SEP
 MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.1										1	1		
90/ 89							.1											1	1		
86/ 87					.1	.2												3	3		
86/ 85			.2	.7	1.3	.3												23	23		
84/ 83			.7	3.2	3.9	.4	.1											75	75		
82/ 81		.3	3.8	7.6	3.9	1.6	.2											156	156	2	
80/ 79		1.3	4.7	7.4	4.4	1.4	.6											179	179	24	4
78/ 77		1.3	4.9	5.1	2.9	.8	.8											142	142	113	24
76/ 75		2.8	3.9	2.8	1.8	1.0	.3		.1									114	114	178	111
74/ 73	.1	2.4	1.4	1.7	.4	.3	.1											59	59	193	161
72/ 71		1.2	1.3	1.3	.9	.1	.1											45	45	123	179
70/ 69		.8	1.1	.6	.3	.2	.1											28	28	80	115
68/ 67		.8	1.9	.4	.8	.3												38	38	53	86
66/ 65		.9	.3	.6	.3													19	19	48	39
64/ 63		.3	.2	.3														8	9	42	58
62/ 61		.1	.2															3	3	12	48
60/ 59		.2	.2															4	4	20	28
58/ 57		.2																2	2	10	16
56/ 55																				2	14
54/ 53																					13
52/ 51																					1
50/ 49																					3
TOTAL	.1	12.8	24.9	31.7	21.1	6.8	2.4	.1	.1									900	900	900	900
Element (X)	Σx^1	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5384620	69080	76.8	9.571	900	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb	5408170	69614	77.3	5.124	900			86.4	75.3	36.3	.1	90									
Wet Bulb	4688109	64811	72.0	4.824	900			76.6	51.0	.6		90									
Dew Point	4358465	62429	69.4	5.585	900			68.0	30.0			90									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		=31	Dry Bulb	Wet Bulb
86/ 85				.1	.1	.3												5	5	
84/ 83			.9	1.5	.5	.1												26	26	
82/ 81		.1	2.9	4.6	2.1	.1												85	85	
80/ 79	.1	.8	4.5	6.9	3.0	.9	.3											144	144	11
78/ 77		2.5	5.5	4.4	1.0	.2												119	119	60
76/ 75	.5	4.1	4.6	3.2	1.3	.3												133	133	136
74/ 73	.6	4.4	4.7	2.5	.3													109	109	193
72/ 71	.2	3.4	2.5	1.3	.5													69	69	124
70/ 69	.1	2.3	1.7	.8	.3													46	46	98
68/ 67		1.3	2.1	2.1	.6													52	52	75
66/ 65		1.8	1.0	.5	.1	.2												32	32	42
64/ 63	.2	1.0	.2	1.0	.1	.1												24	24	53
62/ 61		.5	.5	.6														13	13	31
60/ 59			.3	.1														4	4	17
58/ 57																		5	5	10
56/ 55		.6																4	4	6
54/ 53		.5																4	4	1
52/ 51																				1
50/ 49																				4
48/ 47																				1
TOTAL	1.7	23.3	31.5	29.5	9.9	3.3	.7											870	870	870
Element (X)	Σ x ²		Σ x		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.	5775938		70432		81.0	9.229	870	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90						
Dry Bulb	4889964		65038		74.8	5.673	870			81.5	64.2	19.6		90						
Wet Bulb	4361192		61424		70.6	5.312	870			72.1	41.4			90						
Dew Point	4105217		59543		68.4	5.883	870			63.8	23.7			90						

USAFETAC FORM AIR 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

SEP
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
98/ 97									.0	.0								1	1																
96/ 95									.0	.0								2	2																
94/ 93							.0	.0	.1									9	9																
92/ 91						.0	.1	.1	.0									25	25																
90/ 89				.0	.0	.2	.6	.3	.0									79	79																
88/ 87				.1	.6	1.3	.6	.1	.0	.0								186	186																
86/ 85			.0	.8	2.5	2.7	.6	.2	.0					.1				481	481																
84/ 83		.0	.5	2.5	3.0	1.6	.6	.3	.1	.0								619	619	1															
82/ 81		.1	1.8	3.5	2.5	1.4	.6	.4	.1					.0				734	734	35	1														
80/ 79	.0	.8	3.0	4.3	2.1	1.2	.6	.2	.1	.0	.0							869	869	232	27														
78/ 77	.1	1.4	4.4	2.7	1.2	.5	.4	.2	.1	.0								755	755	807	193														
76/ 75	.2	2.4	3.8	2.0	.8	.5	.2	.0	.2	.0								711	711	1075	645														
74/ 73	.6	2.9	2.9	1.4	.4	.3	.2	.1	.0	.0								623	623	1278	1089														
72/ 71	.6	2.7	3.2	.9	.4	.1	.0	.1										562	562	894	1211														
70/ 69	.5	2.1	2.1	.8	.4	.2	.0	.1										435	435	739	987														
68/ 67	.1	1.3	1.7	.9	.3	.1	.1											313	313	584	715														
66/ 65	.2	1.5	.8	.6	.1	.1	.2											233	234	392	510														
64/ 63	.0	1.2	.4	.4	.2	.1												157	157	344	406														
62/ 61		.4	.5	.2	.1													87	87	238	374														
60/ 59		.2	.3	.1	.0													44	44	150	253														
58/ 57		.1	.3	.0														25	25	93	179														
56/ 55		.1	.1	.1														18	18	61	122														
54/ 53		.1	.0															10	10	38	86														
52/ 51		.0	.0															4	4	13	53														
50/ 49	.0	.0																4	4	10	62														
48/ 47	.0																	3	3	5	43														
46/ 45																					16														
44/ 43																					9														
42/ 41																					2														
TOTAL	2.4	17.4	25.6	21.4	14.8	10.3	4.8	2.1	.8	.2	.1							6989	6990	6989	6989														
Element (X)	Z _g ¹	Z _g	X	° _g	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Num.	42236444	536296	76.7	12.456	6989	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	41246282	534832	76.8	6.811	6990			659.6	524.7	269.8	1.2	720																							
Wet Bulb	35560780	496984	71.1	5.618	6989			581.5	353.1	10.7		720																							
Dew Point	32926063	477683	68.3	6.301	6989			501.5	201.4	.4		720																							

USAFETAC FORM 0-26-5 (O.L.A.) REVISED NEARER EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,74-80 YEARS PAGE 1 0000-0200 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb
80/ 79			.5	.2														6	6	
78/ 77		.4	.6	.1														9	9	
76/ 75		.5	.4	.2														9	9	10
74/ 73		.6	1.2	.8	.4	.1												26	26	13
72/ 71	.2	2.3	.8	.4	.1	.1												33	33	14
70/ 69	.2	3.2	2.4	.7	.4	.2		.1										61	61	29
68/ 67	.4	3.9	3.3	.5														68	68	50
66/ 65	.4	6.5	3.1	.5		.2	.1											90	90	73
64/ 63		4.4	2.6	.7	.2													67	67	88
62/ 61	.1	1.8	1.4	1.2	.6	.1												44	44	62
60/ 59	.4	3.9	3.7	1.2	.4	.1												81	81	45
58/ 57	.2	3.1	1.8	.6	.5	.1												53	53	65
56/ 55	.5	2.4	1.4	1.2	.4	.1												50	50	72
54/ 53		1.2	1.9	.5	.8													37	37	42
52/ 51	.1	2.2	2.5	1.0	.2													50	50	34
50/ 49	.4	1.8	2.2	.8														43	43	53
48/ 47	.2	1.0	1.3	.6	.1													27	27	49
46/ 45		1.2	1.8	.4														28	28	35
44/ 43		.8	1.9	.5	.2													29	29	27
42/ 41		.6	.2	.2														9	9	29
40/ 39		.6	.5															9	9	24
38/ 37		.1	.1	.1														3	3	9
36/ 35		.1	.2															3	3	8
34/ 33			.1															1	1	2
32/ 31																				2
30/ 29																				1
28/ 27																				2
26/ 25																				2
24/ 23																				5
TOTAL	3.1	42.6	36.1	12.4	4.3	1.2	.1	.1										836	836	836
																		836		836
Element (X)	Z _{x'}	Z _x	X	S _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	5736677	68623	82.1	11.148	836	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	3048325	49907	59.7	9.091	836			23.6	5.6	.3		93								
Wet Bulb	2756925	47365	56.7	9.374	836			.3	12.9	2.6		97								
Dew Point	2542493	45227	54.1	10.78	836			2.1	9.7	1.6		93								

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
79/79			.1	.2														3	3		
78/77		.4	.6	.1														9	9		
76/75			.1															1	1	8	3
74/73		1.1	.7	.1	.2													18	18	6	6
72/71	.4	.8	.5															14	14	14	10
70/69	.7	3.1	1.4	.5	.1	.1												50	50	22	21
68/67	.4	4.4	2.9	.4	.2													69	69	39	29
66/65	.2	5.7	1.4	.6	.4			.1										71	71	63	44
64/63	.7	5.5	2.0	.8	.1	.4												80	80	76	70
62/61		2.6	2.0	.8	.4	.2	.1											52	52	56	62
60/59	.8	4.7	3.0	.4	.1	.1												75	75	63	52
58/57		4.8	3.0	.1	.5	.1												71	71	58	49
56/55	.4	2.3	1.9	.5			.1											43	43	84	71
54/53	.1	1.2	2.0	.7	.5	.1												39	39	44	59
52/51	.2	1.8	2.3	.7	.5	.1												47	47	30	42
50/49	.1	3.2	1.7	1.1	.1													52	52	47	42
48/47	.1	1.7	1.2	.5	.1													30	30	54	29
46/45	.4	1.6	1.6	.6														34	34	38	49
44/43		.8	1.4	.7														25	25	40	36
42/41		.8	1.3	.5	.1													23	23	24	27
40/39		1.1	.6	.2	.2													18	18	27	30
38/37		1.0	.2															10	10	22	23
36/35			.1															1	1	16	27
34/33			.4															3	3	4	24
32/31																					15
30/29																				3	7
28/27																					2
26/25																					3
24/23																					3
22/21																					3
TOTAL	4.5	48.4	32.5	9.5	3.5	1.2	.2	.1										838	838	838	838
Element (X)	ΣX'	ΣX	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5900111	69665	83.1	11.395	838	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	2891381	48615	58.0	9.215	838			18.2	3.4	.1		93									
Wet Bulb	2637033	46313	55.3	9.622	838		.3	9.9	1.6			93									
Dew Point	2437703	44239	52.8	11.054	838		3.7	7.7	1.0			93									

USAFETAC FORM 0-26-5 (O.L.A.) REVERSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
80/ 79			.1															1	1		
76/ 77		.3	.5	.2														10	10		
76/ 75			.1	.1														2	2	7	2
74/ 73	.1	2.0	.8	.1	.2													29	29	5	7
72/ 71	.4	.8	1.1	.1	.1													23	23	31	18
70/ 69	.7	2.4	1.2	.8														46	46	20	23
68/ 67	.1	4.4	3.3	.7	.2													80	80	40	30
66/ 65	.4	4.8	2.5	1.0	.1		.1											82	82	65	53
64/ 63	.3	4.2	2.3	.8		.2												72	72	78	55
62/ 61	.2	4.1	2.9	.7	.5	.2												80	80	74	69
60/ 59	.4	3.9	2.8	1.1	.2	.1	.1											80	80	72	73
58/ 57	.2	3.4	3.3	.9	.3		.2											76	76	74	61
56/ 55		2.9	2.1	1.6	.3	.1												65	65	67	75
54/ 53		1.3	1.6	1.6	.1													43	43	71	53
52/ 51	.2	1.3	1.4	.9	.5													40	40	39	54
50/ 49		1.6	2.2	.9	.1	.1												45	45	49	48
48/ 47		1.7	1.3	.9	.1													37	37	50	39
46/ 45		1.0	2.0	.9	.3													38	38	44	47
44/ 43		1.5	1.0	.3														26	26	34	33
42/ 41		.2	.9	.4	.1													15	15	35	37
40/ 39		.5	1.0	.4	.1													19	19	20	35
38/ 37		.8	.3	.1														11	11	24	22
36/ 35		.1																1	1	15	26
34/ 33			.1															1	1	6	22
32/ 31			.1															1	1	1	19
30/ 29																				2	0
28/ 27																					6
26/ 25																					2
22/ 21																					5
TOTAL	3.1	43.2	34.7	14.3	3.5	.8	.4													923	923
																					923
Element (X)	ΣX'		ΣX		X	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Num.	6289635		75483		81.8	11.247	923	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	3242191		54065		58.6	9.038	923		.1	19.2	4.2			93							
Wet Bulb	2933684		51290		55.6	9.520	923		.3	10.4	1.2			93							
Dew Point	2694551		48825		52.9	11.012	923		4.1	8.1	.9			93							

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		=31	Dry Bulb	Wet Bulb	Dew Point
84/ 83				.2	.2	.2	.1											7	7		
82/ 81				.2	.8	.3	.1		.1									14	14		
80/ 79		.2	.8	.9	1.3	1.6	1.2	.2										57	57		
78/ 77		.2	.9	1.1	2.1	.9	.6	.1										62	62	4	1
76/ 75		.8	1.5	1.4	2.1	1.3	1.0	.3	.1									78	78	20	8
74/ 73		1.1	1.0	2.3	1.4	2.1	1.4	.9	.1		.1							95	95	42	16
72/ 71		.9	1.9	1.9	1.8	1.5	1.1	.6	.4	.2	.1							98	98	47	31
70/ 69	.1	1.4	2.3	.9	1.5	1.2	1.1	.5	.4									87	87	70	42
68/ 67		1.0	1.7	1.1	1.7	1.8	.5	.6	.2	.1								82	82	93	48
66/ 65		1.5	1.1	1.8	1.4	1.5	1.2	.4	.2									85	85	83	81
64/ 63	.2	.9	1.0	.8	1.1	1.6	.5	1.0	.1									66	66	86	56
62/ 61		.6	1.1	.5	.8	.6	.6	.2	.1									43	43	80	81
60/ 59		.1	.4	.5	1.3	1.1	.6	.1										39	39	81	52
58/ 57		.1	.5	.5	.4	.6	.3	.1	.1									26	26	50	66
56/ 55		.1	.3	.4	.6	.8	.3	.1										25	25	54	58
54/ 53		.1	.4	.2	.3	.4	.5	.1										20	20	50	47
52/ 51		.1	.4	.1	.3	.5	.1											15	15	39	43
50/ 49		.5	.4	.1	.2	.3	.1											16	16	39	39
48/ 47			.2		.5	.1	.1											9	9	34	38
46/ 45					.1													1	1	13	48
44/ 43						.1												1	1	17	29
42/ 41																				15	24
40/ 39																				5	23
38/ 37																				2	25
36/ 35																				2	15
34/ 33																					10
32/ 31																					15
30/ 29																					11
28/ 27																					8
26/ 25																					3
24/ 23																					3
22/ 21																					2
20/ 19																					2
18/ 17																					1
Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 44 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70,73-80

OCT
 MONTH

PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1	.1											2	2		
86/ 85				.1				.1										2	2		
84/ 83			.1	.4		.4	1.0	.1	.4									30	30		
82/ 81			.4	.8	1.4	2.2	.6	.8	.4	.1								61	61		
80/ 79			.6	1.6	1.7	4.8	3.2	1.5	1.2	.2	.2							141	141	2	
78/ 77		.1	.6	2.0	1.2	2.2	2.2	1.7	.8	.5	.1	.2						99	99	14	2
76/ 75		.2	.8	2.2	2.2	2.6	1.6	2.2	1.0	.2	.2							108	108	23	10
74/ 73		.2	.1	1.9	1.2	1.5	1.0	2.3	1.2	.1	.1							89	89	54	21
72/ 71		.3	.9	1.2	1.5	.9	1.5	1.0	1.0	.3	.1							80	80	65	27
70/ 69		.4	1.0	.6	.9	1.3	1.9	2.0	1.6	.3								94	94	95	50
68/ 67			1.0	1.4	.9	1.0	1.1	1.3	1.0	.5								75	75	92	44
66/ 65		.6	.3	.1	.3	.5	.8	.6	.2									33	33	93	70
64/ 63		.3		.2	.4	.3	1.0	.9	.3									32	32	91	73
62/ 61		.1	.5	.2	.1	.2	.8	1.1		.1								29	29	72	77
60/ 59		.2	.2		.1	.2		1.0	.3	.1								20	20	69	67
58/ 57		.2			.1	.1	.3	.5										12	12	63	50
56/ 55			.1	.1			.5											7	7	54	57
54/ 53			.2				.1	.2										5	5	37	46
52/ 51		.2	.1					.1										4	4	32	42
50/ 49		.2	.2															4	4	24	46
48/ 47		.1																1	1	19	37
46/ 45																				16	41
44/ 43																				9	26
42/ 41																				1	24
40/ 39																				2	33
38/ 37																				1	21
36/ 35																					10
34/ 33																					9
32/ 31																					17
30/ 29																					7
28/ 27																					12
26/ 25																					2
24/ 23																					2
22/ 21																					1
Element (X)	Σ H'	Σ X	X	σ _n	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
90/ 89							.1											1	1				
88/ 87							.1											1	1				
86/ 85						.1												1	1				
84/ 83					.1	.3	.2	.3	.1	.2								12	12				
82/ 81			.2	.6	.4	1.1	.5	.3										30	30				
80/ 79		.1	.5	1.5	2.4	1.8	1.4	1.0	.2	.3	.1							87	87				
78/ 77		.3	.4	2.5	4.0	2.2	1.9	1.0	.5		.2	.2	.1					124	124	9	2		
76/ 75			1.8	2.4	2.3	3.2	1.9	1.4	.6	.1	.2							130	130	18	6		
74/ 73			.8	2.6	1.9	1.6	2.4	1.1	.6	.1		.2						105	105	38	14		
72/ 71		.1	1.1	1.5	2.5	1.6	1.8	.5	1.2	.1								97	97	89	26		
70/ 69	.1	.4	2.5	1.1	1.4	2.0	1.5	1.3	1.1	.1								107	107	82	55		
68/ 67	.1		1.3	.8	.9	1.5	1.5	1.1	1.3	.1								79	79	102	62		
66/ 65			.1	.5	.9	.8	1.0	.3	.9									41	41	108	71		
64/ 63		.4	.2	.5	.4	.1	.4	1.2										31	31	95	80		
62/ 61		.1	.4	.1	.1	.5	.6	.9	.1									27	27	64	79		
60/ 59		.1	.4	.1	.3	.5	.4	1.2										29	29	73	60		
58/ 57		.1		.1	.1	.1	.3	.4										11	11	68	66		
56/ 55				.1		.3												4	4	46	52		
54/ 53		.3	.1	.1		.1	.2											8	8	38	49		
52/ 51			.1			.1												2	2	33	58		
50/ 49																				25	37		
48/ 47		.3																3	3	17	19		
46/ 45																				16	34		
44/ 43																				6	22		
42/ 41																					27		
40/ 39																				3	32		
38/ 37																					16		
36/ 35																					16		
34/ 33																					4		
32/ 31																					16		
30/ 29																					14		
28/ 27																					8		
26/ 25																					2		
20/ 19																					1		
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80 YEARS

OCT MONTH

PAGE 2

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL								
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.S./W.B.	Dry Bulb	Wet Bulb	Dew Point			
18/ 17																					2			
TOTAL	.2	2.4	10.0	14.5	17.6	17.6	16.7	12.2	6.7	1.1	.5	.4	.1					930	930	930	930			
Element (X)	Σx'		Σx		Σ		%		No. Obs.		Mean No. of Hours with Temperature					Total								
Rel. Hum.	3483831		54847		59.0		16.379		930		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	4870322		67036		72.1		6.417		930				77.4		49.1		8.7						93	
Wet Bulb	3733878		58514		62.9		7.502		930				33.8		6.5								93	
Dew Point	3038009		52107		56.0		11.294		930		4.3		16.9		2.2								93	

USAFETAC FORM 0-26-5 (O.L.A.) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

OCT
MONTH
 PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
84/ 83					.2												2	2		
82/ 81					.1	.1											2	2		
80/ 79			.8	.3	.1												11	11		
78/ 77	.1	.5	.3	1.0	.2	.3											23	23	1	1
76/ 75		.3	1.4	2.2	.5	.2	.1										44	44	16	6
74/ 73		1.1	3.3	3.7	1.4	1.0	.1										98	98	15	8
72/ 71		1.8	5.6	1.9	1.5	.6											107	107	46	21
70/ 69		1.6	3.9	2.0	2.2	.5		.1									96	96	82	62
68/ 67		1.4	5.2	2.0	2.2	.9	.4	.2									114	114	104	57
66/ 65		1.6	2.0	2.4	1.3	.6	.4	.1	.1								80	80	93	89
64/ 63		1.6	1.2	2.4	1.7	.1	.2										67	67	60	80
62/ 61		1.1	1.9	1.4	1.0	.5											55	55	87	65
60/ 59		.5	2.9	1.1	.9	.9											58	58	65	80
58/ 57		.3	.9	1.5	1.4	.9											46	46	74	56
56/ 55		.1	1.1	1.0	1.0												29	29	52	66
54/ 53		.5	.5	1.5	.9	.1											33	33	44	54
52/ 51			.9	1.2	.4	.1											24	24	39	48
50/ 49		.2	.5	.8	.6												20	20	42	38
48/ 47		.2	.1	.1	.2	.1											7	7	31	24
46/ 45		.1	.5	.1													7	7	25	44
44/ 43		.2		.2	.1												5	5	14	32
42/ 41			.1	.1													2	2	12	25
40/ 39																			4	32
38/ 37																			2	15
36/ 35																			2	8
34/ 33																				9
32/ 31																				2
30/ 29																				4
28/ 27																				1
26/ 25																				1
24/ 23																				2
TOTAL	.1	13.3	33.1	26.8	17.8	7.0	1.3	.4	.1								930	930		930
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	5210228		68688		73.9	12.147	930		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	4063818		61054		65.6	7.740	930				49.7	18.0	.8		97					
Wet Bulb	3480424		56378		60.6	8.216	930				26.4	3.2			93					
Dew Point	3098578		52868		56.8	10.015	930			1.0	15.5	1.5			93					

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17717 MYRTLE BEACH AFB SC 69-70, 73-80 YEARS OCT MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
79/79			.4	.4														8	8		
78/77		.2	.3	.6		.1												11	11		
76/75		.4	.9	.7														21	21	11	2
74/73		.9	1.9	.9	.2	.1												36	36	10	1
72/71		2.5	3.9	.9	.9	.1												75	75	25	15
70/69	.3	2.5	4.0	1.7	.3	.4												84	84	56	47
68/67	.3	3.1	5.0	1.2	.9		.1											96	96	77	52
66/65	.2	4.0	1.9	2.1	.8	.1												82	82	74	62
64/63	.1	2.2	1.7	1.8	.7	.2												60	60	98	77
62/61		2.4	2.9	.9	1.2													67	67	55	77
60/59		2.2	2.9	1.6	.6													65	65	77	53
58/57	.1	2.5	1.4	.8	.3													47	47	70	57
56/55		1.7	2.2	1.0	.7	.1												51	51	56	76
54/53		1.8	2.1	.9	.1	.1												45	45	53	47
52/51		1.4	1.9	1.1	.3	.1												44	44	44	47
50/49		.8	1.4	1.3	.3													35	35	47	51
48/47		1.1	1.0	1.4	.1													33	33	43	45
46/45		.3	1.0	.1	.4													17	17	30	33
44/43		.8	.6	.1	.1													14	14	28	42
42/41		.3	.3	.1														7	7	26	27
40/39		.1		.2														3	3	10	30
38/37			.2															2	2	8	24
36/35																				2	15
34/33																				3	6
32/31																					5
30/29																					2
28/27																					3
26/25																					2
24/23																					2
TOTAL	1.1	31.5	37.9	19.4	8.6	1.4	.1												903		903
																			903		903
Element (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5827890	71876	79.6	10.880	903	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	3531255	55923	61.9	8.678	903			34.1	7.8	.5											
Wet Bulb	3140087	52641	58.3	8.894	903			18.4	2.2												
Dew Point	2867638	50044	55.4	10.220	903		1.5	13.0	1.2												

USAFETAC FORM AIR 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

OCT
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
90/ 89							.0											1	1	
98/ 87						.0	.0											3	3	
96/ 85				.0		.0		.0										3	3	
94/ 83			.0	.1	.2	.1	.2	.1	.1	.0								51	51	
92/ 81			.1	.2	.3	.5	.2	.1	.1	.0								107	107	
90/ 79		.0	.5	.7	.7	1.1	.7	.3	.2	.1	.0							314	314	2
78/ 77	.0	.3	.5	1.0	1.0	.6	.6	.4	.2	.1	.0	.1	.0					347	347	28
76/ 75	.0	.3	.9	1.0	1.1	.9	.6	.5	.2	.0	.1	.0						393	393	113
74/ 73	.0	.9	1.2	1.6	.9	.8	.6	.5	.2	.0	.0	.0						496	496	183
72/ 71	.1	1.2	2.0	1.0	1.1	.6	.6	.3	.3	.1	.0							527	527	331
70/ 69	.3	1.9	2.3	1.0	.9	.7	.6	.5	.4	.1								625	625	456
68/ 67	.2	2.2	2.9	1.0	.9	.7	.5	.4	.3	.1								663	663	597
66/ 65	.2	3.0	1.5	1.1	.7	.5	.5	.2	.2									564	564	652
64/ 63	.2	2.4	1.3	1.0	.6	.4	.3	.4	.1									475	475	692
62/ 61	.0	1.6	1.6	.7	.6	.3	.3	.3	.0	.0								397	397	550
60/ 59	.2	1.9	2.0	.7	.5	.4	.2	.3	.0	.0								447	447	545
58/ 57	.1	1.8	1.3	.6	.5	.2	.2	.1	.0									342	342	522
56/ 55	.1	1.2	1.1	.7	.4	.1	.2	.0										274	274	485
54/ 53	.0	.8	1.1	.7	.3	.1	.1	.1										230	230	379
52/ 51	.1	.8	1.2	.6	.3	.1	.0	.0										226	226	290
50/ 49	.1	1.0	1.1	.6	.2	.1	.0											215	215	326
48/ 47	.0	.7	.6	.4	.2	.0	.0											147	147	297
46/ 45	.0	.5	.8	.2	.1													125	125	217
44/ 43		.5	.6	.2	.1	.0												100	100	175
42/ 41		.2	.3	.2	.0													56	56	142
40/ 39		.3	.2	.1	.0													49	49	95
38/ 37		.2	.1	.0														26	26	68
36/ 35		.0	.0															5	5	45
34/ 33			.1															5	5	15
32/ 31			.0															1	1	3
30/ 29																				6
28/ 27																				59
26/ 25																				42
24/ 23																				18
22/ 21																				17
Element (X)	Z _X ¹	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15717 MYRTLE BEACH AFB SC 69-70, 73-80 OCT
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
72 / 21																					11
71 / 19																					4
18 / 17																					6
TOTAL	1.5	23.7	25.7	15.5	11.2	8.4	6.2	4.6	2.3	.5	.2	.1	.0				7214			7214	
																	7214			7214	
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	39741418		521190		72.2	17.0	7214		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	744						
Dry Bulb	31011850		467576		64.8	9.892	7214			.1	364.1	176.9	32.7		744						
Wet Bulb	25925828		427376		59.2	9.173	7214			.9	176.4	33.6			744						
Dew Point	22607542		395902		54.9	11.049	7214			25.9	101.3	14.3			744						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,74-80
 YEARS

NOV
 MONTH

PAGE 1 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point	
70/ 75			.2															2	2			
74/ 73		.4	.1	.1														5	5			
72/ 71		1.2	.5	.1														15	15	9	3	
70/ 69	.2	2.6	.9	.4														33	33	17	14	
68/ 67		2.2	1.0	.2														28	28	29	23	
66/ 65		2.5	.4	.2	.2													27	27	19	22	
64/ 63		4.2	1.6	.2				.1										50	50	39	25	
62/ 61	.5	3.0	1.9	.4	.2	.4												51	51	41	47	
60/ 59	.5	2.0	1.5	.6	.1													38	38	48	35	
58/ 57	.4	3.1	1.9	.5		.2												49	49	31	33	
56/ 55		2.8	2.6	.5		.4	.1											52	52	42	27	
54/ 53		2.5	1.5	.1	.1	.2	.2											38	38	48	48	
52/ 51	.4	1.2	2.2	.6	.6	.1												42	42	46	43	
50/ 49	.1	3.2	2.0	1.0	.7	.2	.1											60	60	28	31	
48/ 47	.1	2.2	1.7	1.6	1.0	.1	.1											56	56	55	43	
46/ 45	.4	2.0	1.7	1.2	.4	.1												47	47	41	40	
44/ 43		2.6	2.3	.4	.4													50	50	59	34	
42/ 41	.1	2.6	1.7	.4	.1													40	40	50	35	
40/ 39	.5	1.5	1.2	.1	.5													31	31	64	41	
38/ 37		1.9	.9	.9	.2													31	31	35	44	
36/ 35		1.2	.4	.9	.1													21	21	23	44	
34/ 33		1.1	1.0	.2	.1													20	20	25	35	
32/ 31		.6	.9															12	12	24	29	
30/ 29		.4	.5	.1														8	8	16	30	
28/ 27		.1																1	1	13	24	
26/ 25																				4	0	
24/ 23			.2															2	2	1	8	
22/ 21		.1																1	1	2	15	
20/ 19																				1	14	
18/ 17																					6	
16/ 15																					2	
12/ 11																					4	
10/ 9																					2	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.												Mean No. of Hours with Temperature					
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 74-80

NOV
 MONTH

STATION

STATION NAME

YEARS

PAGE 1

03 00-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73		.2																2	2		
72/ 71	.4	.9	.6	.1														16	16	6	6
70/ 69	.1	2.0	.6	.2														24	24	11	5
68/ 67	.6	1.6	1.5	.4														33	33	28	25
66/ 65		2.6	.5															25	25	15	18
64/ 63	.1	3.2	1.2	.5														41	41	43	19
62/ 61	.2	4.2	.4	.4														42	42	37	44
60/ 59	.1	2.7	1.1	.2		.4												37	37	46	48
58/ 57	.1	3.2	2.0	.1	.1													45	45	30	26
56/ 55	.4	2.6	1.5	.2	.2													40	40	35	38
54/ 53		3.1	.9	.1		.4	.1											37	37	43	26
52/ 51	.2	1.6	2.2	.4	.6	.1												42	42	35	44
50/ 49	.2	3.2	.9	.1	.7		.1											43	43	32	30
48/ 47	.4	3.6	.9	1.5	.5	.1	.1											57	57	48	31
46/ 45	.2	2.7	3.2	1.1	.1													60	60	43	45
44/ 43	.4	2.6	2.1	1.9	.2	.1												59	59	49	38
42/ 41	.2	2.8	2.6	.4	.4													52	52	62	31
40/ 39	.4	1.5	1.1	.5	.2													30	30	67	35
38/ 37	.5	1.5	.7	.5	.2													28	28	38	48
36/ 35		2.2	1.7	.6														37	37	36	42
34/ 33		.9	1.1	.6														21	21	29	39
32/ 31		1.0	.6	.4														16	16	23	46
30/ 29		.7	.7															12	12	22	21
28/ 27		.5	.1	.2														7	7	18	19
26/ 25																				8	23
24/ 23			.1															1	1	1	16
22/ 21		.1																1	1	1	5
20/ 19		.1																1	1	2	18
18/ 17		.1																1	1	2	11
16/ 15																					3
14/ 13																					2
12/ 11																					4
8/ 7																					1
6/ 5																					1
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (O.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 74-80
YEARS

NOV
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.7	51.5	28.4	10.5	3.5	.7	.6	.1										810	810	810	810

Element (X)	$\sum X$	$\sum X^2$	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	5452847	65491	80.9	13.962	810							
Dry Bulb	2157421	40825	50.4	11.106	810		4.3	8.3	.2			90
Wet Bulb	1950767	38635	47.7	11.553	810		8.6	5.0				90
Dew Point	1753389	36021	44.5	13.686	810		18.9	4.0				90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80
 YEARS

NOV
 MONTH

PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73	.1	.2	.1															4	4	1	1
72/ 71	.2	.8	.8															16	16	6	5
70/ 69	.3	1.5	.6	.2														23	23	12	8
68/ 67	.2	2.1	2.0	.3														40	40	25	22
66/ 65	.2	2.8	1.7		.1													42	42	29	25
64/ 63	.1	3.3	1.1	.1														41	41	44	24
62/ 61		2.9	.9	.2														35	35	46	50
60/ 59	.2	3.7	1.6	.3		.1												52	52	35	47
58/ 57	.2	2.9	1.5	.2	.2													44	44	49	35
56/ 55		2.9	.8	.1		.1												34	34	38	39
54/ 53	.6	2.5	2.0	.1	.1	.1	.1											48	48	47	45
52/ 51	.1	2.0	.9	.2	.2													30	30	31	42
50/ 49	.5	3.1	1.5	.7	.3	.1												54	54	43	29
48/ 47		2.8	1.6	1.4	.3													53	53	35	36
46/ 45	.5	2.2	2.0	1.1	.6	.1	.1											57	57	46	39
44/ 43	.3	3.1	2.9	1.8	.3	.1												75	75	47	28
42/ 41	.9	2.2	1.7	.6	.1													48	48	75	37
40/ 39	.5	1.5	1.5	.6	.2													37	37	55	49
38/ 37	.1	1.6	1.6	.8														36	36	46	48
36/ 35		1.5	1.1	1.0	.3													35	35	40	45
34/ 33		.7	1.1	.1														17	17	32	35
32/ 31		1.4	1.3	.1														24	24	24	57
30/ 29		.9	.7															14	14	29	19
28/ 27		.5	.1															5	5	18	23
26/ 25																				11	25
24/ 23			.2															2	2		18
22/ 21		.1	.1															2	2		13
20/ 19																				3	21
18/ 17		.2																2	2	3	4
16/ 15																					4
14/ 13																					4
12/ 11																					2
6/ 5																					1
4/ 3																					2
Element (X)	Σ X'	Σ X	X	σ _n	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point	
82/ 81						.1	.1											2	2			
80/ 79					.1	.2		.3										6	6			
78/ 77				.4	1.0		.1	.2										16	16			
76/ 75		.1	.8	1.7	.2	.2	.3											30	30			
74/ 73		1.0	.8	.6	.3	.8	.3	.1	.1									36	36	6	3	
72/ 71	.2	.4	1.3	.9	1.4	.1	.4											44	44	30	10	
70/ 69		.6	2.1	1.6	1.4	.7	.3	.4	.2									66	66	35	18	
68/ 67	.1	1.1	2.3	1.9	1.1	.7	.3	.1										69	69	28	28	
66/ 65		1.6	1.1	1.0	1.1	.4	.3	.4										54	54	49	36	
64/ 63	.1	.7	1.3	1.6	.7	.7	.8		.2	.1								55	55	72	32	
62/ 61	.1	1.1	1.0	1.3	1.4	1.1	.2	.2	.1									60	60	56	51	
60/ 59		1.8	.8	1.7	1.3	1.0	.3	.6	.1									65	65	46	48	
58/ 57	.2	1.1	1.3	.9	1.1	.4	1.6	.2										62	62	54	50	
56/ 55		.8	.8	1.3	.9	1.0	1.1	.6										58	58	53	67	
54/ 53	.2	.3	.7	1.6	.7	1.0	.8	.2										49	49	67	37	
52/ 51		.9	1.9	.3	1.0	.7	1.1	.1										54	54	54	30	
50/ 49		.8	.6	1.4	1.6	1.4	.7	.1										59	59	40	37	
48/ 47		.4	.4	.6	1.1	.6	.2											30	30	52	45	
46/ 45		.2	.7	.4	1.6	.9	.1											35	35	61	46	
44/ 43		.2	.2	.6	.6	.3												17	17	38	40	
42/ 41				.4	.3													7	7	54	42	
40/ 39				.8	.2													9	9	27	27	
38/ 37				.3	.3													6	6	28	25	
36/ 35				.1	.3													4	4	24	22	
34/ 33				.1	.1													2	2	8	24	
32/ 31				.1														1	1	4	33	
30/ 29				.1														1	1	4	35	
28/ 27				.1														1	1	5	23	
26/ 25			.1	.1														2	2	1	22	
24/ 23																				1	12	
22/ 21																				2	18	
20/ 19																				1	14	
18/ 17																					5	
16/ 15																					8	
Element (X)	Σ X'		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature											Total		
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80

YEARS

NOV
MONTH

PAGE 7 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																				
4/ 13																																								4	
13/ 11																																									5
6/ 5																																									1
4/ 3																																									2
TOTAL	1.0	13.1	18.2	21.9	19.7	11.7	9.6	3.9	.9	.1																									900	900	900	900			

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$				Total		
Rel. Hum.	4061740	58180	64.6	18.290	900							
Dry Bulb	3310248	53846	59.8	9.933	900		.5	26.9	9.0	.7		90
Wet Bulb	2673240	48114	53.5	10.603	900		1.8	9.9	.6			90
Dew Point	2173930	42270	47.0	14.486	900		18.2	5.9	.3			90

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point		
86/ 85								.1										1	1				
84/ 83							.1	.2	.3									6	6				
82/ 81							.7	.1	.1									8	8				
80/ 79			.1	.4	.6	.6	.1	.6	.1	.1								23	23				
78/ 77			.1	1.0	1.8	1.0	.3	.4	.2	.3								47	47				
76/ 75	.1	.3	.7	.9	1.1	1.2	.2	1.2	.1	.2								55	55	4	1		
74/ 73	.1	.1	.6	1.4	1.1	1.1	1.1	.2	.7	.4								62	62	14	5		
72/ 71	.3	.1	.8	.7	1.3	1.0	1.2	1.0	1.2	.3								72	72	27	12		
70/ 69		.2	.9	1.7	2.1	.9	.8	.3	1.1	.4								76	76	40	15		
68/ 67		.8	1.3	2.1	1.1	.9	1.7	1.2		.1								83	83	52	24		
66/ 65		.4	.6	1.2	1.2	1.2	1.1	.8	.6	.6								69	69	53	30		
64/ 63		.6	.4	.6	.6	2.3	.7	.8	.9	.3	.1							65	65	73	46		
62/ 61		.4	.4	1.3	1.1	.8	.7	1.3	.3	.1								59	59	69	53		
60/ 59	.1	.4	.9	.3	.2	.8	1.2	2.1	.7									61	61	51	54		
58/ 57		.6	.2	.3	.8	1.9	.9	1.2	.4									57	57	70	49		
56/ 55		.7	.3	.1	.3	1.1	.7	1.3										41	41	68	42		
54/ 53		.2	.3	.4	.4	1.1	1.2	.1	.1									36	36	74	51		
52/ 51		.2			.2	.6	1.0	.8										25	25	21	39		
50/ 49			.2		.1	.6	1.3	.1										21	21	52	33		
48/ 47			.2		.2	.7	.3											13	13	59	43		
46/ 45		.3	.1		.1	.1												6	6	42	43		
44/ 43						.3	.1											4	4	47	33		
42/ 41						.4												4	4	26	27		
40/ 39						.2												2	2	17	41		
38/ 37					.1													1	1	25	28		
36/ 35					.1													1	1	2	29		
34/ 33					.1													1	1	4	26		
32/ 31					.1													1	1	5	22		
30/ 29																				2	28		
28/ 27																				1	24		
26/ 25																				1	21		
24/ 23																				1	19		
22/ 21																					20		
20/ 19																					11		
Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.													Mean No. of Hours with Temperature					
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10717 MYRTLE BEACH AFB SC 69-70, 73-81 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81							.3											3	3		
81/ 79						.2	.2	.1		.2								7	7		
78/ 77			.1	.3	.2	.6	.2	.1		.1		.2						17	17		
76/ 75		.1	1.3	1.1	.8	.8	.1	.1	.3	.1	.1							44	44		
74/ 73		.3	1.2	1.6	.7	.6	.2		.1	.2								44	44	7	1
72/ 71		.4	2.4	1.1	1.3	1.1	.6	.3	.4	.6								75	75	19	9
70/ 69	.1	.6	1.2	1.7	1.6	1.0	.8	.6	.4	.3								74	74	37	20
68/ 67		1.0	2.3	2.3	1.4	1.2	1.1	.8	.1	.2								95	95	59	22
66/ 65		2.1	1.8	.9	1.4	.9	.3	.9	.1	.1								77	77	43	42
64/ 63		1.7	1.3	1.6	2.1	1.0	.8	1.6	.3									93	93	83	40
62/ 61			1.7	1.2	1.7	.9	.6	.7	.3	.1								64	64	72	57
60/ 59		.3	1.0	1.1	1.0	1.6	1.8	1.7	.6									81	81	56	73
58/ 57		.2	.6	.7	.8	1.3	1.4	1.2										56	56	74	38
56/ 55		.8	.7	.2	1.1	1.7	.7	.7										52	52	71	57
54/ 53	.1	.1	.7	.3	.7	.9	.8	.1										33	33	57	38
52/ 51	.1		.3	.1	.3	1.0	1.0	.7	.2									34	34	48	51
50/ 49			.1		.3	.7	1.0	.2										21	21	50	40
48/ 47			.2			.1	.1											4	4	60	39
46/ 45		.1	.2	.1		.2	.6											11	11	50	32
44/ 43		.2			.1	.4	.1											8	8	36	29
42/ 41						.2												2	2	25	26
40/ 39					.1	.1												2	2	13	30
38/ 37																				17	33
36/ 35						.2												2	2	9	44
34/ 33					.1													1	1	8	23
32/ 31																				3	30
30/ 29																					22
28/ 27																				2	16
26/ 25																				1	14
24/ 23																					12
22/ 21																					9
20/ 19																					13
18/ 17																					7
16/ 15																					14
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

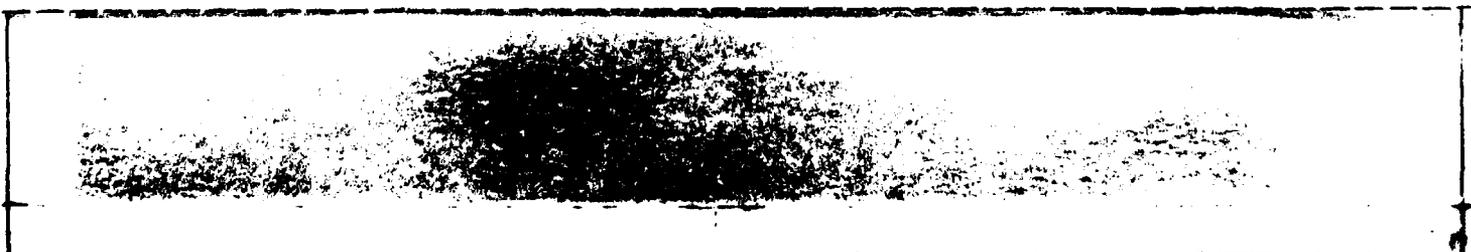
13717 MYRTLE BEACH AFB SC 69-77,73-80 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13																					4			
12/ 11																					1			
8/ 7																					3			
6/ 5																					3			
TOTAL	.3	8.0	17.2	14.3	15.8	16.7	12.3	10.0	3.0	2.0	.1	.2						900	900	900	900			

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3510603	53301	59.2	19.842	900							900
Dry Bulb	3700368	57258	63.6	8.005	900			35.9	11.5	.6		900
Wet Bulb	2868887	50115	55.7	9.334	900		.6	12.2	.7			900
Dew Point	2239774	42992	47.8	14.388	900		14.8	5.2	.1			900

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JAN 64



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.1	.1														2	2		
74/ 73		.7	.6	.6														16	16	2	
72/ 71		1.7	.9	.4	.1													28	28	9	4
70/ 69	.1	1.0	3.1	.7	.3													47	47	22	22
68/ 67		2.1	2.4	.7	.2	.1												50	50	38	14
66/ 65		4.4	2.6	1.2	.1	.1	.1	.2										79	79	44	47
64/ 63		3.1	1.9	1.2	.7	.2	.6	.1										70	70	67	39
62/ 61		2.6	2.6	.7		.3	.3	.1										59	59	62	55
60/ 59		1.8	3.2	.9	1.0	.6	.2											69	69	57	60
58/ 57		1.8	2.8	.9	.7	.1	.1											57	57	49	48
56/ 55	.1	2.0	2.0	1.6	.8	.3	.2											63	63	55	53
54/ 53	.1	2.1	2.0	2.0	1.2	1.1	.1	.1										79	79	65	44
52/ 51	.2	.9	1.4	1.7	.9	.6	.3											54	54	63	51
50/ 49		.9	2.7	1.8	.9	.3	.1											54	54	52	43
48/ 47	.1	.3	1.1	1.0	.4	.4												31	31	51	42
46/ 45		1.0	1.6	1.2	.4	.1	.1											40	40	51	38
44/ 43		.9	1.3	.9	.4	.1												33	33	54	37
42/ 41		.4	.8	.1	.3	.2												17	17	43	40
40/ 39		.6	1.0	.6	.2													21	21	36	48
38/ 37		.2	.4	.2	.7													14	14	27	40
36/ 35		.1	.1	.4	.1													7	7	12	4
34/ 33			.6															5	5	14	25
32/ 31		.1			.1													2	2	11	24
30/ 29		.1		.1														2	2	12	21
28/ 27			.1															1	1	1	15
26/ 25																					8
24/ 23																				3	9
22/ 21																					12
20/ 19																					9
18/ 17																					5
16/ 15																					5
14/ 13																					2
12/ 11																					3
10/ 9																					2
8/ 7																					2
Element (X)	Σ X'		Σ X		Σ X	σ _x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS NOV MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
TOTAL	.7	28.8	34.6	18.9	9.7	4.7	2.2	.6										900	900	900	900	

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z _h	Z _w	X	°A	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5218378	67114	74.6	15.415	900	= 6 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	2984005	51129	56.8	9.396	900		.5	14.3	1.8			90
Wet Bulb	2588024	47386	52.7	10.176	900		2.7	7.1	.2			9
Dew Point	2254683	43519	48.4	12.932	900		11.0	4.0				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75			.1																													1	1		
74/ 73		.8	.3	.2																												12	12		
72/ 71		1.3	.6	.2	.1																											20	20	10	7
70/ 69		1.7	2.3		.1																											37	37	19	13
68/ 67		1.8	2.3	.2	.1																											40	40	36	21
66/ 65		3.2	1.9	.2																												48	48	28	29
64/ 63		4.7	1.6	1.3	.3	.2	.6																									78	78	53	33
62/ 61		2.7	1.0	.8		.1	.1																									42	42	62	62
60/ 59	.1	2.4	2.4	.8	.2	.3																										57	57	42	48
58/ 57	.1	2.1	1.8	1.2	.3	.3	.3																									56	56	43	36
56/ 55		2.8	1.6	.3	.2	.3	.2																									49	49	52	44
54/ 53		3.0	1.6	.9	.1	.3	.2																									55	55	55	52
52/ 51	.4	1.8	2.4	1.2	.7	.4	.1																									64	64	62	51
50/ 49	.1	1.8	1.6	1.4	.9	.2																										54	54	37	40
48/ 47		2.6	1.2	1.0	.6																											48	48	53	33
46/ 45	.1	1.7	1.6	.4	.9	.1																										43	43	55	41
44/ 43	.1	2.0	1.8	.6	.4	.2																										46	46	56	49
42/ 41	.1	1.4	2.1	.3	.6																											41	41	52	36
40/ 39		2.1	.8	.7	.3																											35	35	44	47
38/ 37	.1	1.2	.6	.4																												21	21	42	48
36/ 35		.8	.7	.6	.2																											20	20	32	34
34/ 33		.7	.7	.6																												17	17	19	42
32/ 31		.3	.7	.1																												10	10	14	27
30/ 29		.2																														2	2	20	27
28/ 27		.1	.1																													2	2	11	22
26/ 25			.2																													2	2		13
24/ 23																																		1	9
22/ 21																																	2		8
20/ 19																																			14
18/ 17																																			5
16/ 15																																			4
14/ 13																																			2
12/ 11																																			3
Element (X)	Σ X'		Σ X		Σ	σ _n	No. Obs.		Mean No. of Hours with Temperature							TOTAL																			
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC

69-70, 73-80

YEARS

NOV
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
86/ 85								.0									1	1		
84/ 83							.0	.0									6	6		
82/ 81						.0	.1	.1	.0								13	13		
80/ 79			.0	.1	.1	.1	.0	.1	.0	.0							36	36		
78/ 77			.0	.2	.4	.2	.1	.1	.0	.1			.0				80	80		
76/ 75	.0	.1	.4	.5	.3	.3	.1	.2	.1	.0	.0		.0				134	134	4	1
74/ 73	.0	.5	.5	.6	.3	.3	.2	.0	.1	.1							181	181	30	10
72/ 71	.1	.9	1.0	.5	.6	.3	.3	.2	.2	.1							286	286	116	56
70/ 69	.1	1.2	1.5	.8	.7	.3	.2	.2	.2	.1							380	380	193	115
68/ 67	.1	1.6	1.9	1.0	.5	.3	.4	.3	.0	.0							438	438	295	179
66/ 65	.0	2.4	1.3	.6	.5	.3	.2	.3	.1	.1							421	421	280	244
64/ 63	.0	2.6	1.3	.9	.6	.6	.4	.3	.2	.1	.0						493	493	474	258
62/ 61	.1	2.1	1.2	.8	.6	.5	.2	.3	.1	.0							412	412	445	419
60/ 59	.1	1.9	1.6	.8	.5	.6	.5	.6	.2								460	460	381	413
58/ 57	.1	1.8	1.5	.6	.5	.6	.6	.3	.1								426	426	400	315
56/ 55	.1	1.9	1.3	.6	.5	.6	.4	.3									389	389	414	367
54/ 53	.1	1.7	1.2	.7	.4	.6	.5	.1	.0								375	375	456	343
52/ 51	.2	1.1	1.4	.6	.6	.4	.5	.2	.0								345	345	360	351
50/ 49	.1	1.6	1.1	.8	.7	.5	.4	.1									366	366	334	283
48/ 47	.1	1.4	.9	.9	.5	.3	.1										292	292	413	311
46/ 45	.1	1.2	1.3	.7	.5	.2	.1										299	299	389	324
44/ 43	.1	1.4	1.3	.8	.3	.2	.0										292	292	386	288
42/ 41	.2	1.1	1.1	.3	.2	.1											211	211	387	274
40/ 39	.2	.9	.7	.4	.2	.0											167	167	323	327
38/ 37	.1	.8	.5	.4	.2	.0											137	137	258	314
36/ 35		.7	.5	.4	.2	.0											127	127	178	300
34/ 33		.4	.5	.2	.1												84	84	139	249
32/ 31		.4	.4	.1	.0												66	66	108	261
30/ 29		.3	.2	.0													39	39	105	203
28/ 27		.1	.1	.0													17	17	69	166
26/ 25			.0	.0													4	4	26	135
24/ 23			.1														5	5	8	103
22/ 21		.0	.0														4	4	7	100
20/ 19		.0															1	1	7	114
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 NOV
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31		Dry Bulb	Wet Bulb	Dew Point
18/ 17		.0																3	3	5	42
16/ 15																					50
14/ 13																					21
12/ 11																					32
10/ 9																					7
8/ 7																					6
6/ 5																					9
4/ 3																					4
TOTAL	2.1	30.2	24.9	14.3	9.9	7.4	5.5	3.7	1.4	.7	.0	.0						6990	6990	6990	6990
Element (X)	Σx'	Σx	X	σ _n	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	38087176	498432	71.3	19.085	6990	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	23360761	396139	56.7	11.415	6990		14.3	160.2	46.5	4.1		720									
Wet Bulb	19532351	361233	51.7	11.121	6990		34.5	65.7	3.5			720									
Dew Point	16455770	324928	46.5	13.906	6990		128.7	37.2	1.1			720									

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70,74-80
YEARS

DEC
MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL										
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71		.7																6	6	1						
70/ 69		.6	.5	.1	.1													11	11	6	4					
68/ 67		.1	.4	.1														5	5	6	7					
66/ 65		.5	1.3	.4														18	18	3	4					
64/ 63	.4	1.9	1.0	.4														30	30	15	4					
62/ 61	.1	2.0	.4	.1	.4													25	25	30	13					
60/ 59	.2	2.7	1.3	.5		.1												41	41	34	37					
58/ 57	.2	1.8	1.1	.5			.1											31	31	27	26					
56/ 55		1.9	1.4	.2		.1	.5											35	35	31	32					
54/ 53		2.5	1.7	.6	.2	.2												44	44	31	20					
52/ 51	.1	3.6	1.3	.2	.4	.4												50	50	39	36					
50/ 49		2.6	1.1	1.4	.7	.2												51	51	49	44					
48/ 47		2.5	.7	1.3	1.1													47	47	38	45					
46/ 45		2.0	1.0	.6	.6	.2												37	37	38	29					
44/ 43		2.3	1.7	1.0	1.0													49	49	40	24					
42/ 41		1.3	1.8	1.9	1.3	.1												54	54	48	27					
40/ 39	.1	1.6	1.9	1.8	.6	.1												51	51	45	28					
38/ 37		1.7	1.4	1.9	.1													43	43	44	33					
36/ 35		1.9	1.3	.8														34	34	62	38					
34/ 33		2.4	2.6	1.6	.1													56	56	57	39					
32/ 31		3.9	1.4	1.0														53	53	45	55					
30/ 29		2.2	1.9	.6														39	39	56	32					
28/ 27		.7	.7	.4														15	15	42	43					
26/ 25		.5		.4														7	7	26	63					
24/ 23		.2		.1														3	3	15	41					
22/ 21		.2																2	2	5	29					
20/ 19																				4	27					
18/ 17																					16					
16/ 15																					16					
14/ 13																					10					
12/ 11																					6					
10/ 9																					2					
8/ 7																					1					
6/ 5																					3					
Element (X)	Σ X'		Σ X		Σ	c _s	No. Obs.		Mean No. of Hours with Temperature																	
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								Total				
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,74-80 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 0000-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
2/ 1																					3			
TOTAL	1.2	4.4	27.8	17.8	6.6	1.6	.6											837		837				
																	837		837					
Element (X)	Σ g'		Σ X		Σ	σ _s	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.	4864092		62500		74.7	15.356	837										≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	1858420		38304		45.8	11.234	837											13.2	2.4					93
Wet Bulb	1617159		35509		42.4	11.508	837											21.4	1.4					93
Dew Point	1358182		31604		37.8	14.043	837											38.6	1.2					93

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,74-80
 YEARS

DEC
 MONTH

PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.5	.2															6	6	1	
71/ 69		.8	.2			.1												10	10	9	1
68/ 67		.1	1.1															10	10	4	11
66/ 65		1.2	1.2	.5														24	24	2	3
64/ 63	.1	.8	.5	.2														14	14	20	6
62/ 61	.1	1.4	.8	.4	.2													25	25	22	17
60/ 59	.6	2.6	1.2	.1														38	38	29	27
58/ 57	.1	1.6	1.7	.2	.1		.1											32	32	29	23
56/ 55		1.9	.7	.1		.2												25	25	28	24
54/ 53	.2	2.3	1.0	.4		.2	.1											35	35	40	37
52/ 51	.2	2.6	1.1	.1	.6	.2												41	41	24	46
50/ 49		3.0	1.2	.6	.2	.2												44	44	33	22
48/ 47	.2	2.2	.7	2.0	.6													48	48	43	36
46/ 45		1.8	1.6	1.8	.2													45	45	25	37
44/ 43		2.0	.6	1.6	.6													40	40	40	20
42/ 41	.1	3.9	1.0	1.4	.6													59	59	50	22
40/ 39	.1	1.7	2.2	1.6	.5													50	50	48	33
38/ 37		2.3	1.2	1.2	.1													40	40	48	33
36/ 35	.1	1.9	1.6	1.1	.1													40	40	57	32
34/ 33		2.0	3.1	1.1	.1													53	53	44	51
32/ 31		3.6	2.5	1.0														59	59	50	49
30/ 29	.2	3.0	1.9	.2														45	45	63	45
28/ 27	.1	1.9	1.2	.2														29	29	50	40
26/ 25		1.2	.1	.1														12	12	40	60
24/ 23		.6	.4	.1														9	9	17	40
22/ 21		.2	.1	.1														4	4	8	31
20/ 19																				5	32
18/ 17																				2	25
16/ 15																					8
14/ 13																					10
12/ 11																					5
10/ 9																					1
6/ 5																					3
4/ 3																					3
Element (X)	Z _H '	Z _H	X	σ _H	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC AIR 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
74/ 73			.2															2	2		
72/ 71			.3															3	3		
70/ 69		.8	.6	.3														15	15	4	
68/ 67		.2	.7															8	8	9	11
66/ 65		.4	.6	.9														17	17	8	4
64/ 63		.8	.7	.3														16	16	12	6
62/ 61		1.9	.8	.3	.1													28	28	15	13
60/ 59	.1	2.2	1.8		.2													39	39	33	19
58/ 57	.2	2.2	1.1	.3														35	35	37	30
56/ 55	.1	2.1	.2	.4	.1	.2												29	29	37	40
54/ 53	.2	2.3	.3	.1	.2													29	29	30	35
52/ 51	.1	2.7	1.7	.1	.1													42	42	32	33
50/ 49	.1	3.1	1.4	.6	.1	.1												49	49	30	26
48/ 47		2.3	1.2	.7	.6	.1												44	44	56	35
46/ 45		2.0	1.0	1.3	.7													45	45	29	38
44/ 43		2.3	1.0	1.0	.1													40	40	32	22
42/ 41	.6	2.1	3.3	1.4	.1													68	68	51	38
40/ 39	.4	2.1	2.6	.7	.3													55	55	47	37
38/ 37	.1	2.3	1.0	.9	.2													41	41	70	29
36/ 35		3.3	1.0	1.1	.2													51	51	55	45
34/ 33		2.0	2.7	1.0	.1													52	52	45	45
32/ 31		4.0	2.9	1.9														79	79	52	58
30/ 29	.2	2.2	2.0	.6														45	45	61	55
28/ 27		2.3	1.1	.3														34	34	58	36
26/ 25		1.4	.2	.1														16	16	55	44
24/ 23		1.1		.1														11	11	23	39
22/ 21		.3	.3															6	6	10	36
20/ 19																				5	34
18/ 17																				3	40
16/ 15																					18
14/ 13																					15
12/ 11																					8
10/ 9																					1
8/ 7																					3
Element (X)	Σ X ²		Σ X		I	° F	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-5 (DL A) REVISION NOVEMBER 1965 USE PREVIOUS EDITIONS OF THIS FORM AIR OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
 STATION STATION NAME

69-70,73-80 YEARS

DEC MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.2														2	2		
75/ 75			.1	.2														3	3		
74/ 73		.1	.3	.2														6	6	1	
72/ 71		.2	.1	.2	.3	.2	.2											12	12	4	2
71/ 69			.6	.9	.9	.1			.1									24	24	7	2
68/ 67		.2	.6	1.2	.5	.6	.1											31	31	3	7
66/ 65		.6	.5	1.2	.3	.1			.1									27	27	13	3
64/ 63		1.6	1.1	1.0	.2	.4			.1									41	41	27	13
62/ 61		2.0	1.4	.5	.1	.1	.1	.2										42	42	39	20
61/ 59	.1	2.2	1.6	.8	.3	.6	.5	.1										58	58	55	40
58/ 57		1.0	.8	.3	1.2	.9	.2	.1										41	41	40	40
56/ 55		1.8	.8	1.0	.8	.6	.5	.1										52	52	35	41
54/ 53		1.6	1.5	.9	1.3	.9	.9	.1										66	66	33	47
52/ 51	.1	1.1	1.1	1.2	.9	1.0	.2											51	51	36	29
51/ 49	.2	1.3	1.8	1.7	2.0	.9	.4	.1										79	79	54	35
48/ 47		1.4	1.1	1.4	1.6	.9	.1											60	60	63	26
46/ 45		1.8	1.6	.5	1.3	1.4	.1											63	63	60	33
44/ 43		.9	1.3	1.7	1.6	.6	.1											58	58	60	39
42/ 41	.1	.9	1.1	.4	2.2	.5	.1											49	49	71	44
41/ 39		.4	1.3	.9	1.2	.6												41	41	53	38
38/ 37		.8	.5	1.3	1.3	.2												38	38	53	44
36/ 35		.6	.5	1.5	1.1													35	35	50	46
34/ 33		.2	.6	1.0	.8													24	24	48	38
32/ 31		.1	.3	.9	.2													14	14	40	57
30/ 29		.1	.3	.1														5	5	34	37
28/ 27			.1	.5														6	6	19	29
26/ 25			.1	.1														2	2	17	29
24/ 23																				4	25
22/ 21																				4	42
20/ 19																				1	29
18/ 17																					26
16/ 15																					19
14/ 13																					12
12/ 11																					15
Element (X)	Σ X'		Σ X		X̄		σ _s		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 YEARS DEC MONTH

PAGE 1 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31		Dry Bulb	Wet Bulb	Dew Point
79/79						.3												3	3		
78/77				.3	.2	.1		.1										7	7		
76/75				.4			.4	.2										10	10		
74/73				.8	.3	.4	.2			.1								19	19	2	
72/71			.1	.6	1.1	.8	.3			.1								28	28	1	
71/69		.1	.2	.6	1.6	.9	.9	.1										41	41	12	3
68/67		.3	.6	.1	.9	.5	.3	.1		.1								28	28	12	5
66/65		.5	1.3	.9	1.0	.9	.5	.2										51	51	12	15
64/63	.1	1.2	1.0	1.3	1.0	1.0	1.1	.4	.6	.2								73	73	45	12
62/61		1.5	1.3	.9	.6	.8	1.1	.4	.2	.1								64	64	53	23
60/59	.3	1.3	1.0	.8	1.3	1.5	1.7	.6	.6	.1								86	86	56	43
58/57		.2	1.8	.5	.9	1.3	1.3	1.6	.8									75	75	55	37
56/55			.5	.2	1.1	1.3	1.1	.4	.2									45	45	42	47
54/53		.4	.2	.2	1.4	1.3	2.6	1.0	.2									68	68	45	34
52/51		.8	1.0	.5	1.5	.9	1.0	.3										55	55	43	46
50/49		1.5	1.3	.5	1.5	1.3	1.3	.8										76	76	61	43
48/47		.3	.9	1.3	1.0	1.9	.5	.2										57	57	70	19
46/45		.9	.2	.2	.4	2.0	1.4											48	48	71	45
44/43			.2		.4	1.5	.4											24	24	75	31
42/41		.1	.4		.8	1.6												27	27	63	31
40/39			.2	.1	.4	.9												15	15	42	41
38/37		.1	.2	.2	.4	.4												13	13	43	45
36/35		.2	.2	.3	.1	.3												11	11	41	28
34/33					.2													2	2	40	49
32/31				.1	.2													3	3	22	38
30/29				.1														1	1	11	34
28/27																				6	32
26/25																				3	29
24/23																				2	19
22/21																					37
20/19																					39
18/17																					23
16/15																					24
14/13																					14
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) 1-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 YEARS DEC
 STATION STATION NAME MONTH
 PAGE 1 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	= 31	Dry Bulb	Wet Bulb	Dew Point
78/ 77																	1	1			
76/ 75			.1	.1	.2		.2		.1		.1						8	8			
74/ 73			.1	.6		.2	.1	.1									11	11			
72/ 71			1.0	.1	.2	.2					.1						15	15	2		
70/ 69		.2	.6	.3	.6	.3	.1		.1	.2							24	24	7	3	
68/ 67		.1	.6	1.4	.6	.2	.5	.1		.1							35	35	15	6	
66/ 65	.1	1.3	1.3	.8	1.2	.6	.1	.1	.2								53	53	10	19	
64/ 63	.2	1.7	1.5	1.3	.5	.5	.2	.6	.3	.1							66	66	30	9	
62/ 61		1.5	1.8	1.6	.9	1.2	.5	.2	.4	.2							78	78	54	21	
60/ 59	.3	1.4	1.7	1.2	.9	1.5	.9	.9	.5	.1							87	87	50	36	
58/ 57		.3	2.2	.6	1.7	1.4	1.1	.9	.2	.1							79	79	64	50	
56/ 55		.4	.9	.5	.6	.8	1.4	.8	.3								53	53	46	37	
54/ 53		.6	1.2	1.1	.9	2.6	1.6	.6									80	80	50	43	
52/ 51		.6	1.3	1.2	1.8	.5	1.1	.8									68	68	47	41	
50/ 49		1.5	.6	1.2	2.3	1.0	1.4	.3									77	77	72	47	
48/ 47		1.0	.9	.6	1.8	1.7	.6										62	62	60	30	
46/ 45		.3	.4	.1	.1	1.6	1.2										35	35	80	37	
44/ 43			.1	.1	.8	1.3	.1										22	22	72	45	
42/ 41			.2	.4	1.3	2.0	.1										38	38	69	38	
40/ 39			.1		.8	.8											15	15	44	30	
38/ 37		.4	.2	.2	.3	.4											15	15	37	24	
36/ 35	.1	.1			.2												4	4	45	37	
34/ 33					.4												4	4	36	42	
32/ 31																			23	55	
30/ 29																			6	29	
28/ 27																			7	32	
26/ 25																			2	23	
24/ 23																				23	
22/ 21																				27	
20/ 19																				46	
18/ 17																				28	
16/ 15																				16	
14/ 13																				17	
12/ 11																				16	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	σ	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-80
YEARS

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
6/ 5																					3			
4/ 3																					1			
2/ 1																					2			
TOTAL	1.5	26.5	31.5	23.3	12.4	3.3	.9	.2	.1	.1	.2							928		928				
																	928			928				
Element (X)	Σ x'	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	Σ x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	49294.4	65826	70.9	16.752													928	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2398707	46321	49.9	9.665													928		2.2	3.5	.3			93
Wet Bulb	2036008	42396	45.7	10.341													928		10.8	1.9				93
Dew Point	1677035	37349	40.2	13.695													928		29.5	.9				93

FORM 0-26-5 (OL A) REVISED VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 STATION MYRTLE BEACH AFB SC STATION NAME 69-70,73-80 YEARS DEC MONTH
 PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.4	.1															5	5	1	
70/ 69		.1	.1	.2														4	4	4	2
68/ 67		.1	.9	.4	.1													14	14	1	4
66/ 65	.2	.5	.9	.9	.2													25	25	8	4
64/ 63		1.4	1.3	.2	.1													28	28	14	6
62/ 61	.2	3.2	1.1	.2														44	44	37	16
60/ 59	.2	3.1	1.0	.5						.1								46	46	49	36
58/ 57	.2	3.1	.8	1.0	.1		.1		.1									50	51	43	42
56/ 55	.2	2.2	.8	.8	.3	.2	.1	.2										44	44	45	51
54/ 53		1.7	1.4	1.2	1.0	.6												55	55	31	36
52/ 51	.2	2.8	1.8	.4	.4		.1											54	54	36	27
50/ 49		2.9	1.5	.6	.6		.1											54	54	50	40
48/ 47		2.6	1.4	.6	.9	.1												52	52	55	48
46/ 45		1.7	3.1	.8	1.2	.3	.1											67	67	58	39
44/ 43	.1	2.3	1.3	2.1	1.1													63	63	49	28
42/ 41		1.0	1.4	1.6	.8													44	44	56	38
40/ 39	.1	2.7	1.8	1.6	.6													64	64	48	56
38/ 37		2.2	.8	1.0	.1													37	37	62	33
36/ 35		1.4	1.7	1.1	.2													41	41	72	49
34/ 33		1.7	1.9	1.0	.3													46	46	43	39
32/ 31		2.1	2.4	.6	.1													48	48	42	53
30/ 29		1.0	1.4	.5														27	27	48	38
28/ 27		.6	.1	.2														9	9	38	41
26/ 25		.1	.1	.1														3	3	23	50
24/ 23		.1																1	1	8	37
22/ 21																				3	25
20/ 19																				1	37
18/ 17																					19
16/ 15																					12
14/ 13																					2
12/ 11																					3
10/ 9																					8
8/ 7																					1
4/ 3																					2
Element (X)	Σ X'	Σ X	X	σ _a	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM AIR 44
 USAFETAC
 0-26-5 (OL A)
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70, 73-80 YEARS DEC MONTH

PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
80/ 79				.0	.1	.0				.0								3	3							
78/ 77				.0	.1	.0			.0									10	10							
76/ 75			.0	.1	.0		.1	.0	.0	.0								22	22							
74/ 73		.0	.1	.2	.1	.1	.0	.0		.0								40	40	3						
72/ 71		.2	.3	.1	.2	.2	.1			.0	.0							83	83	10	2					
70/ 69		.4	.5	.3	.4	.2	.1	.0	.0	.0								140	140	53	18					
68/ 67	.0	.2	.7	.5	.3	.2	.1	.0	.0	.0								144	144	65	58					
66/ 65	.0	.7	1.0	.7	.3	.2	.1	.0	.1									235	235	64	63					
64/ 63	.1	1.5	1.1	.7	.2	.2	.2	.2	.1	.1	.0							314	314	174	64					
62/ 61	.1	1.9	1.2	.6	.3	.3	.2	.1	.1	.0								345	345	287	143					
60/ 59	.3	2.4	1.5	.6	.4	.5	.4	.2	.2	.0								461	461	350	270					
58/ 57	.1	1.6	1.4	.6	.6	.5	.3	.3	.1	.0								399	400	358	291					
56/ 55	.0	1.4	.9	.5	.4	.5	.5	.2	.1									331	331	309	326					
54/ 53	.1	1.6	1.2	.7	.7	.8	.7	.2	.0									434	434	307	287					
52/ 51	.1	1.9	1.4	.7	.8	.5	.3	.1										421	421	296	291					
50/ 49	.0	2.3	1.4	1.1	1.2	.5	.4	.2										508	508	407	300					
48/ 47	.0	1.8	1.1	1.2	1.1	.7	.2	.0										448	448	443	284					
46/ 45		1.6	1.3	.9	.7	.7	.4											405	405	422	307					
44/ 43	.0	1.4	.9	1.2	.9	.4	.1											357	357	428	242					
42/ 41	.1	1.2	1.3	1.1	1.0	.6	.0											382	382	489	285					
40/ 39	.1	1.1	1.4	1.0	.7	.3												334	334	381	325					
38/ 37	.0	1.3	.8	1.0	.5	.1												272	272	420	278					
36/ 35	.0	1.2	1.0	.9	.3	.1												250	250	433	300					
34/ 33		1.1	1.5	.9	.3													269	269	348	355					
32/ 31		1.7	1.3	.7	.1													269	269	309	406					
30/ 29	.1	1.0	.9	.3	.0													167	167	325	310					
28/ 27	.0	.7	.4	.2														96	96	239	302					
26/ 25		.4	.1	.1														41	41	172	327					
24/ 23		.2	.0	.0														24	24	70	252					
22/ 21		.1	.1	.0														12	12	33	249					
20/ 19																				16	277					
18/ 17																				5	193					
16/ 15																					130					
14/ 13																					96					
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.																Mean No. of Hours with Temperature					
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																										
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-5 (O.L.A.) REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-80 YEARS DEC
STATION STATION NAME MONTH

PAGE 2 ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point
13/ 11																					72
11/ 9																					49
8/ 7																					19
6/ 5																					20
4/ 3																					15
2/ 1																					9
./ -1																					1
TOTAL	1.3	30.8	24.7	17.0	11.6	7.6	4.2	1.7	.7	.2	.1							7216	7217	7216	7216

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	36544264	494706	68.6	19.088	7216							
Dry Bulb	18556115	356573	49.4	11.406	7217		62.8	45.6	7.7	.1		744
Wet Bulb	15308717	322313	44.7	11.244	7216		120.5	13.5	.3			744
Dew Point	12182702	277619	38.5	14.430	7216	.1	281.2	8.0				744

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC 69-70,73-81 ALL
 STATION STATION NAME YEARS MONTH
 PAGE 1 ALL
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb
102/101																	.0	1	1	
100/99																	.0	1	1	
98/97									.0	.0	.0	.0	.0			.0	15	15		
96/95								.0	.0	.0	.0	.0	.0				56	56		
94/93						.0	.0	.1	.1	.0	.0	.0	.0		.0		193	193		
92/91					.0	.1	.1	.1	.1	.0	.0	.0	.0		.0		395	395		
90/89				.0	.2	.4	.3	.2	.0	.0	.0	.0	.0		.0		938	940		
88/87			.0	.1	.5	.8	.3	.1	.0	.0	.0	.0	.0		.0		1552	1554		
86/85		.0	.1	.5	1.0	.8	.2	.1	.1	.0	.0	.0	.0		.0		2445	2446	1	
84/83		.0	.3	1.2	1.2	.5	.3	.2	.1	.0	.0	.0	.0		.0		3175	3177	91	
82/81	.0	.1	.9	1.5	.9	.5	.3	.2	.1	.0	.0	.0	.0				3749	3750	599	
80/79	.0	.3	1.5	1.5	.8	.6	.3	.2	.1	.0	.0	.0	.0				4504	4504	2139	
78/77	.0	.7	1.8	1.2	.8	.4	.3	.2	.1	.0	.0	.0	.0				4682	4682	4379	
76/75	.1	1.0	1.8	1.1	.6	.5	.2	.1	.1	.0	.0	.0	.0				4708	4708	5450	
74/73	.1	1.2	1.3	1.0	.4	.4	.2	.1	.1	.0	.0	.0	.0				4231	4231	5694	
72/71	.1	1.1	1.7	.7	.5	.3	.2	.1	.1	.1	.0	.0	.0				4220	4221	4937	
70/69	.1	1.0	1.6	.7	.5	.3	.2	.1	.1	.1	.0	.0	.0				4066	4066	4619	
68/67	.1	1.0	1.5	.7	.5	.3	.2	.2	.1	.1	.0	.0	.0				3805	3806	4317	
66/65	.1	1.4	.9	.7	.4	.2	.2	.2	.1	.0	.0	.0	.0				3476	3478	3815	
64/63	.1	1.4	.8	.6	.4	.3	.2	.2	.1	.0	.0	.0	.0				3445	3446	4135	
62/61	.0	1.2	.9	.5	.3	.2	.2	.1	.1	.0	.0	.0	.0				2999	2999	3701	
60/59	.1	1.2	1.0	.5	.3	.3	.2	.2	.1	.0	.0	.0	.0				3324	3324	3502	
58/57	.1	1.1	.8	.4	.4	.3	.2	.2	.0	.0	.0	.0	.0				2879	2880	3436	
56/55	.1	.9	.8	.5	.3	.3	.2	.1	.0	.0	.0	.0	.0				2612	2613	3052	
54/53	.1	.8	.8	.4	.3	.3	.2	.1	.0	.0	.0	.0	.0				2517	2517	2892	
52/51	.1	.7	.7	.4	.4	.2	.2	.1	.0	.0	.0	.0	.0				2263	2263	2590	
50/49	.1	.8	.7	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0				2344	2344	2717	
48/47	.1	.9	.5	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0				2201	2201	2642	
46/45	.1	.8	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0				2019	2019	2578	
44/43	.1	.7	.5	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0				1846	1846	2414	
42/41	.1	.5	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0				1546	1546	2325	
40/39	.1	.6	.5	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0				1558	1558	2036	
38/37	.0	.5	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0				1195	1195	1857	
36/35	.0	.4	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0				1049	1049	1584	
Element (X)	Σg'		Σg		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SC
STATION STATION NAME

69-70, 73-81
YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point				
34/ 33	.0	.4	.4	.2	.2	.0														973	973	1289	1725	
32/ 31	.0	.5	.4	.3	.1															975	975	1175	1866	
30/ 29	.0	.3	.3	.1	.0															648	648	1169	1455	
28/ 27	.0	.3	.2	.1	.0															464	464	909	1367	
26/ 25	.0	.2	.1	.0																293	293	752	1267	
24/ 23	.0	.1	.1	.0																138	138	418	862	
22/ 21	.0	.1	.0	.0																101	101	229	942	
20/ 19	.0	.0	.0																	46	46	131	994	
18/ 17		.0	.0																	32	32	63	697	
16/ 15		.0	.0																	22	22	39	547	
14/ 13		.0																		9	9	25	456	
12/ 11																						9	364	
10/ 9																							315	
8/ 7																							154	
6/ 5																							123	
4/ 3																							86	
2/ 1																							64	
0/ -1																							32	
-2/ -3																							25	
-4/ -5																							6	
-6/ -7																							2	
-8/ -9																							1	
TOTAL	1.9	22.3	24.5	17.7	13.2	9.2	5.5	3.1	1.6	.7	.3	.1	.0	.0	.0					83710	83725	83710	83710	
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X	
Rel. Hum.	455037989		5999883		71.7		17.281		83710		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total	
Dry Bulb	367384734		5391138		64.4		15.550		83725		286.6		473.0		3207.2		559.2		27.8				8760	
Wet Bulb	308356079		4928229		58.9		14.753		83710		516.3		3372.1		1917.8		148.1						8760	
Dew Point	271571191		4543091		54.3		17.285		83710		6.9		1220.3		2729.7		1212.9		19.2				8760	

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	41.3	43.3	52.2	60.0	66.7	73.2	77.3	76.3	72.9	59.7	52.0	45.8	60.3
	S D	11.14	10.774	9.332	8.053	6.322	5.029	3.859	4.076	5.741	9.091	10.776	11.234	15.110
	TOTAL OBS	750	679	765	759	744	721	798	840	810	836	810	837	9349
03-05	MEAN	39.9	41.6	50.9	57.9	64.8	71.2	75.6	74.7	71.4	58.0	50.4	44.4	58.6
	S D	11.645	11.091	10.040	8.808	6.718	5.360	3.883	4.122	5.742	9.215	11.106	11.703	15.207
	TOTAL OBS	750	680	764	755	746	733	798	840	810	838	810	837	9361
06-08	MEAN	40.5	41.3	51.5	59.2	67.2	73.7	77.5	75.9	72.0	58.6	50.5	43.8	59.6
	S D	12.505	11.151	10.355	8.747	6.780	5.428	4.246	4.489	5.711	9.038	11.391	11.757	15.899
	TOTAL OBS	894	817	903	880	927	889	926	927	900	923	870	899	10755
09-11	MEAN	46.3	49.2	58.8	68.3	74.9	80.6	84.6	83.3	79.4	68.3	59.8	50.9	67.1
	S D	11.540	11.170	9.727	7.487	5.691	5.028	3.902	4.384	5.928	7.881	9.933	10.521	15.567
	TOTAL OBS	929	843	929	897	929	900	930	927	900	926	900	930	10940
12-14	MEAN	51.5	54.2	62.4	71.2	77.4	82.9	86.6	85.6	82.1	72.9	65.1	56.4	70.8
	S D	10.996	10.694	9.399	7.044	5.672	5.092	4.353	4.230	5.452	6.928	8.942	9.510	14.307
	TOTAL OBS	929	845	930	897	930	900	930	927	900	928	900	930	10946
15-17	MEAN	51.5	54.0	62.0	70.4	76.2	81.8	85.3	84.4	81.2	72.1	63.6	55.7	69.9
	S D	10.173	9.677	8.850	6.467	5.283	4.945	4.620	3.941	5.038	6.417	8.005	8.587	13.734
	TOTAL OBS	929	846	930	899	930	875	920	929	900	930	900	930	10918
18-20	MEAN	46.2	49.1	57.7	65.9	72.4	78.2	82.0	80.9	77.3	65.6	56.8	49.9	65.2
	S D	10.097	9.674	8.279	6.114	4.979	4.406	4.182	3.890	5.124	7.740	9.396	9.665	14.484
	TOTAL OBS	930	844	930	900	930	867	918	930	900	930	900	928	10907
21-23	MEAN	43.5	45.7	54.7	62.3	69.3	75.4	79.3	78.2	74.8	61.9	53.8	47.3	62.1
	S D	11.000	10.396	8.491	7.141	5.570	4.513	3.806	3.792	5.673	8.678	10.534	10.619	14.915
	TOTAL OBS	906	810	899	870	869	818	878	900	870	903	900	926	10549
ALL HOURS	MEAN	45.3	47.6	56.5	64.6	71.4	77.4	81.2	80.0	76.5	64.8	56.7	49.4	64.4
	S D	11.940	11.623	10.267	8.945	7.345	6.427	5.669	5.690	6.811	9.892	11.415	11.406	15.550
	TOTAL OBS	7017	6364	7050	6857	7005	6703	7098	7220	6990	7214	6990	7217	83725

USAFETAC FORM 089.3 (OLA)
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

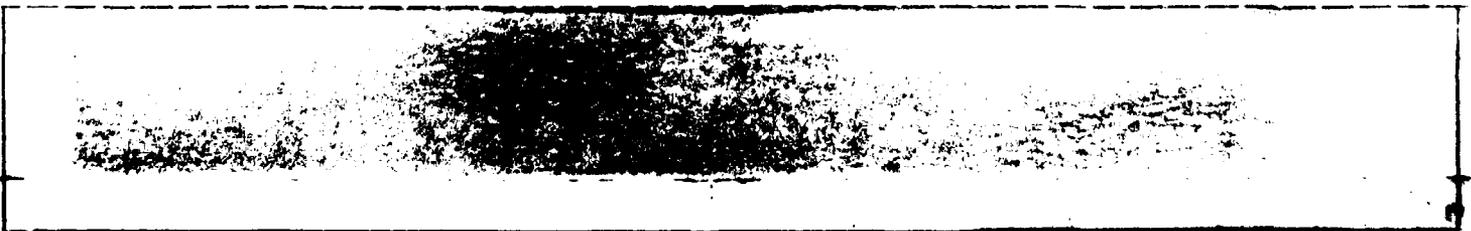
MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC 69-70,73-81

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	38.3	39.8	48.9	55.7	63.0	69.6	73.6	72.7	69.5	56.7	49.0	42.4	56.8
	S D	11.406	10.416	9.338	8.167	6.393	5.000	3.415	3.892	5.532	9.374	11.233	11.508	15.020
	TOTAL OBS	750	679	765	759	744	721	798	840	810	836	810	837	9349
03-05	MEAN	37.3	38.4	47.9	54.1	61.7	68.2	72.5	71.7	68.4	55.3	47.7	41.4	55.6
	S D	11.866	10.861	10.045	8.941	6.806	5.349	3.570	4.057	5.706	9.622	11.553	11.816	15.231
	TOTAL OBS	750	680	764	755	746	733	798	840	810	838	810	837	9361
06-08	MEAN	38.2	38.4	48.4	54.9	63.4	69.9	73.5	72.4	68.9	55.6	47.8	40.9	56.3
	S D	12.835	11.199	10.384	8.893	6.808	5.180	3.567	4.004	5.690	9.520	11.800	11.848	15.625
	TOTAL OBS	894	817	903	879	927	889	926	927	899	923	870	899	10753
09-11	MEAN	42.1	43.3	52.2	58.9	66.5	72.8	76.1	75.6	72.3	61.0	53.5	45.5	60.1
	S D	12.043	11.102	9.683	8.001	6.164	4.670	3.279	3.487	5.401	8.522	10.603	10.958	14.742
	TOTAL OBS	929	843	927	897	929	900	930	925	900	926	900	930	10936
12-14	MEAN	44.9	46.1	54.0	60.3	67.8	73.8	77.0	76.6	73.5	63.0	55.9	48.5	61.8
	S D	11.168	10.431	9.040	7.341	6.020	4.587	3.517	3.527	5.114	7.845	9.795	10.145	13.860
	TOTAL OBS	929	845	930	897	930	900	929	924	900	928	900	930	10942
15-17	MEAN	45.0	46.4	54.1	60.2	67.5	73.5	76.8	76.3	73.2	62.9	55.7	48.4	61.7
	S D	10.539	9.569	8.397	6.748	5.609	4.381	3.394	3.373	4.854	7.502	9.334	9.667	13.481
	TOTAL OBS	929	846	929	899	930	875	919	928	900	930	900	930	10915
18-20	MEAN	42.4	44.1	52.3	58.7	66.3	72.2	75.6	75.0	72.0	60.6	52.7	45.7	59.8
	S D	10.814	9.657	8.267	6.847	5.492	4.299	3.339	3.371	4.824	8.216	10.176	10.341	14.076
	TOTAL OBS	930	844	930	900	930	867	917	930	900	930	900	928	10906
21-23	MEAN	40.3	41.9	50.7	57.1	64.9	71.1	74.6	73.7	70.6	58.3	50.4	43.8	58.0
	S D	11.349	10.197	8.619	7.541	5.905	4.605	3.310	3.516	5.312	8.894	10.943	10.937	14.652
	TOTAL OBS	906	810	899	870	869	818	878	900	870	903	900	925	10548
ALL HOURS	MEAN	41.2	42.5	51.2	57.6	65.3	71.5	75.0	74.3	71.1	59.2	51.7	44.7	58.9
	S D	11.837	10.845	9.502	8.120	6.477	5.097	3.758	4.046	5.618	9.173	11.121	11.244	14.753
	TOTAL OBS	7017	6364	7047	6856	7005	6703	7095	7214	6989	7214	6990	7216	83710

USAFETAC FORM 0 89.5 (OLA)



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION	STATION NAME	YEARS												
HRS. LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02		MEAN 33.4	34.6	45.3	51.9	60.6	67.6	71.8	71.0	67.6	54.1	45.6	37.8	53.7
		S D 14.50	12.56	11.12	9.94	7.42	5.73	3.76	4.29	6.13	10.70	13.36	14.04	16.95
		TOTAL OBS 750	679	765	759	744	721	798	840	810	836	810	837	9349
03-05		MEAN 32.5	33.5	44.7	50.8	59.6	66.6	70.9	70.3	66.7	52.8	44.5	37.0	52.8
		S D 14.93	13.01	11.57	10.52	7.72	5.99	3.85	4.43	6.27	11.05	13.68	14.15	17.13
		TOTAL OBS 750	680	764	755	746	733	798	840	810	838	810	837	9361
06-08		MEAN 33.9	33.7	45.0	51.0	60.8	67.9	71.6	70.7	67.1	52.9	44.6	36.6	53.3
		S D 15.72	13.64	12.14	10.79	7.96	5.93	3.94	4.32	6.33	11.01	12.13	13.82	14.07
		TOTAL OBS 894	817	903	879	927	889	926	927	899	923	870	899	10753
09-11		MEAN 35.7	35.1	45.3	50.8	61.2	68.8	72.4	72.1	68.7	55.2	47.0	38.5	54.3
		S D 16.24	15.20	13.49	12.20	8.99	6.17	4.29	4.37	6.56	11.63	14.48	14.83	17.78
		TOTAL OBS 929	843	927	897	929	900	930	925	900	926	900	930	10936
12-14		MEAN 35.8	35.6	45.7	51.4	61.7	69.3	72.9	72.7	69.2	55.5	46.9	38.8	54.7
		S D 16.46	15.41	13.31	11.88	9.30	6.42	4.79	4.67	6.65	11.67	14.84	15.45	17.98
		TOTAL OBS 929	845	930	897	930	900	929	924	900	928	900	930	10942
15-17		MEAN 36.0	36.5	46.2	51.8	62.1	69.4	73.1	72.7	69.3	56.0	47.8	39.4	55.1
		S D 16.02	14.61	12.50	11.32	8.69	6.04	4.51	4.43	6.31	11.29	14.38	15.10	17.52
		TOTAL OBS 929	846	929	899	930	875	919	928	900	930	900	930	10915
18-20		MEAN 36.6	37.4	46.9	52.6	62.4	69.2	72.8	72.3	69.4	56.8	48.4	40.2	55.5
		S D 14.88	13.14	11.33	10.53	7.76	5.56	4.06	4.10	5.58	10.01	12.93	13.69	16.57
		TOTAL OBS 930	844	930	900	930	867	917	930	900	930	900	928	10906
21-23		MEAN 35.5	35.7	46.6	52.7	62.1	68.9	72.5	71.7	68.4	55.4	46.8	39.1	54.6
		S D 14.52	12.69	10.80	9.90	7.28	5.48	3.79	4.11	5.88	10.22	13.10	13.57	16.61
		TOTAL OBS 906	810	899	870	869	818	878	900	870	903	900	925	10548
ALL HOURS		MEAN 35.0	35.5	45.8	51.6	61.4	68.5	72.3	71.7	68.3	54.9	46.5	38.5	54.3
		S D 15.51	13.94	12.12	10.96	8.25	6.00	4.21	4.43	6.30	11.04	13.90	14.43	17.28
		TOTAL OBS 7017	6364	7047	6856	7005	6703	7095	7214	6989	7214	6990	7216	83710

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/44C

RELATIVE HUMIDITY

13717 MYRTLE BEACH AFB SC

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.7	97.3	88.7	79.1	68.0	55.4	39.9	17.3	70.3	7017
FEB		100.0	99.7	95.4	86.9	75.6	61.6	47.8	28.6	10.3	66.3	6364
MAR		100.0	99.7	96.5	93.7	82.6	71.1	57.5	38.2	10.6	70.5	7047
APR		100.0	99.5	94.7	87.8	78.5	64.7	46.8	25.5	6.3	66.1	6856
MAY		100.0	99.9	99.0	95.9	89.6	75.7	62.0	39.4	8.8	72.9	7005
JUN		100.0	100.0	100.0	98.7	94.5	85.6	69.7	43.1	10.2	75.7	6773
JUL		100.0	100.0	100.0	99.3	96.6	90.1	67.4	30.9	7.6	75.4	7095
AUG		100.0	100.0	100.0	99.9	97.8	90.7	71.9	43.1	8.6	76.7	7214
SEP		100.0	100.0	100.0	99.3	97.2	89.5	71.5	43.7	11.7	77.0	6989
OCT		100.0	100.0	98.9	94.4	87.1	75.1	60.5	38.7	11.3	72.5	7214
NOV		100.0	99.9	97.1	91.0	83.0	72.8	59.3	40.6	14.4	71.6	6990
DEC		100.0	99.7	95.6	89.8	79.7	67.3	52.7	34.5	9.9	68.8	7216
TOTALS		100.0	99.8	97.9	93.5	86.8	76.2	60.1	37.9	10.6	72.0	93717

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

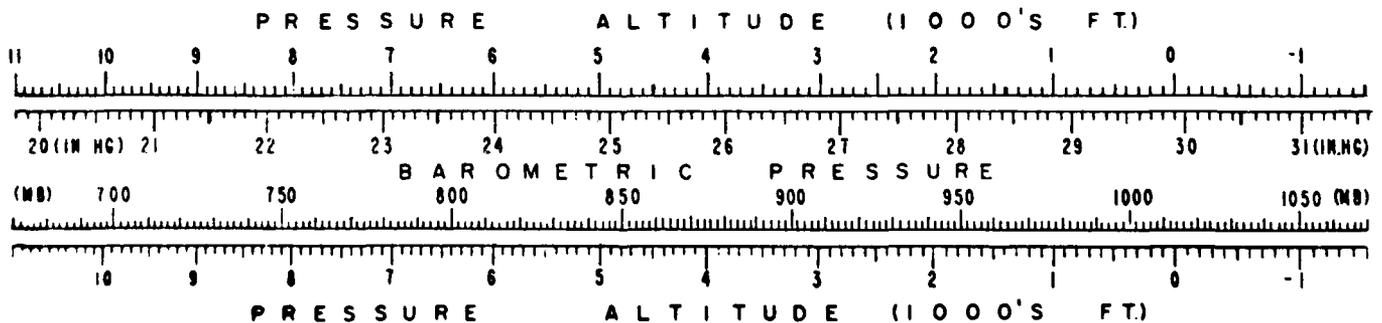
PRESSURE SUMMARY

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 overa period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

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.



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC

69-70,73-81

STATION	STATION NAME	YEARS												
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01		MEAN 30.050	30.064	29.994	29.976	29.964	29.974	29.981	30.010	29.993	30.034	30.057	30.054	30.013
		S D .227	.214	.206	.179	.144	.118	.105	.095	.111	.163	.174	.224	.172
		TOTAL OBS 250	226	255	253	248	240	266	280	270	279	270	279	3116
04		MEAN 30.047	30.055	29.976	29.966	29.953	29.961	29.967	29.995	29.979	30.023	30.051	30.053	30.002
		S D .233	.216	.210	.181	.145	.115	.105	.096	.110	.165	.175	.223	.175
		TOTAL OBS 250	227	254	252	249	245	266	280	270	279	270	279	3121
07		MEAN 30.077	30.076	30.018	30.020	29.982	29.987	29.999	30.025	30.011	30.051	30.081	30.075	30.033
		S D .223	.214	.211	.194	.146	.120	.106	.096	.113	.163	.176	.222	.175
		TOTAL OBS 310	281	309	299	309	300	310	309	300	309	300	310	3646
10		MEAN 30.114	30.103	30.044	30.034	29.996	30.000	30.012	30.044	30.032	30.074	30.106	30.108	30.055
		S D .226	.220	.216	.200	.150	.123	.107	.097	.114	.166	.179	.222	.179
		TOTAL OBS 309	281	310	299	310	300	310	309	300	309	300	310	3647
13		MEAN 30.052	30.058	30.004	29.999	29.971	29.981	29.995	30.022	30.001	30.029	30.051	30.046	30.017
		S D .225	.224	.218	.202	.151	.126	.109	.098	.116	.167	.181	.226	.178
		TOTAL OBS 310	282	310	299	310	300	310	309	300	309	300	310	3649
16		MEAN 30.029	30.019	29.964	29.957	29.935	29.951	29.962	29.985	29.965	30.005	30.030	30.026	29.986
		S D .223	.225	.215	.199	.151	.129	.110	.097	.116	.166	.178	.223	.178
		TOTAL OBS 310	282	310	300	310	289	306	310	300	310	300	310	3637
19		MEAN 30.059	30.042	29.981	29.969	29.940	29.954	29.964	29.991	29.974	30.026	30.054	30.051	30.000
		S D .215	.226	.205	.191	.146	.123	.106	.092	.114	.161	.173	.219	.175
		TOTAL OBS 310	281	310	300	310	289	306	310	300	310	300	309	3635
22		MEAN 30.077	30.065	30.008	29.998	29.971	29.983	29.994	30.023	30.002	30.048	30.071	30.065	30.025
		S D .216	.222	.199	.187	.142	.118	.105	.091	.113	.160	.174	.220	.172
		TOTAL OBS 310	279	310	300	310	289	306	310	300	310	300	309	3633
ALL HOURS		MEAN 30.064	30.060	29.999	29.991	29.964	29.974	29.985	30.012	29.995	30.036	30.063	30.060	30.017
		S D .224	.221	.211	.194	.148	.123	.108	.097	.115	.165	.178	.223	.177
		TOTAL OBS 2359	2139	2368	2302	2356	2252	2380	2417	2340	2415	2340	2416	28084

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SC 69-70,73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.0	1019.6	1017.2	1016.6	1016.2	1016.5	1016.7	1017.7	1017.1	1018.5	1019.2	1019.1	1017.8
	S D	7.632	7.229	7.032	6.074	4.789	3.962	3.536	3.236	3.668	5.413	5.859	7.531	5.800
	TOTAL OBS	250	226	255	253	248	240	266	280	270	279	270	279	3116
14	MEAN	1019.0	1019.3	1016.6	1016.2	1015.8	1016.0	1016.2	1017.2	1016.6	1018.1	1019.1	1019.1	1017.4
	S D	7.825	7.272	7.180	6.150	4.822	3.909	3.573	3.282	3.667	5.478	5.892	7.527	5.881
	TOTAL OBS	250	227	254	252	249	245	266	280	270	279	270	279	3121
17	MEAN	1019.9	1019.9	1017.9	1018.0	1016.7	1016.9	1017.2	1018.1	1017.7	1019.0	1020.0	1019.8	1018.4
	S D	7.506	7.239	7.181	6.562	4.900	4.091	3.571	3.276	3.753	5.431	5.930	7.481	5.896
	TOTAL OBS	310	281	308	299	309	300	310	309	300	309	300	310	3645
10	MEAN	1021.1	1020.8	1018.8	1018.4	1017.2	1017.3	1017.7	1018.8	1018.4	1019.8	1020.9	1020.9	1019.2
	S D	7.572	7.440	7.337	6.756	5.351	4.190	3.595	3.332	3.796	5.511	6.024	7.487	6.042
	TOTAL OBS	310	281	310	299	310	300	310	309	300	309	300	310	3648
13	MEAN	1019.3	1019.3	1017.4	1017.3	1016.3	1016.6	1017.1	1018.0	1017.3	1018.3	1019.0	1018.8	1017.9
	S D	7.556	7.576	7.430	6.828	5.087	4.265	3.677	3.353	3.852	5.547	6.094	7.638	6.019
	TOTAL OBS	310	282	310	299	310	300	310	309	300	309	300	310	3649
16	MEAN	1018.2	1018.0	1016.1	1015.8	1015.1	1015.7	1016.0	1016.8	1016.1	1017.4	1018.3	1018.1	1016.8
	S D	7.460	7.626	7.319	6.710	5.066	4.363	3.701	3.318	3.863	5.509	6.004	7.532	6.004
	TOTAL OBS	310	282	310	300	310	289	306	310	300	310	300	309	3636
19	MEAN	1019.3	1018.7	1016.6	1016.2	1015.2	1015.7	1016.1	1017.0	1016.4	1018.2	1019.1	1019.0	1017.3
	S D	7.210	7.642	7.014	6.452	4.919	4.159	3.591	3.171	3.778	5.384	5.832	7.393	5.909
	TOTAL OBS	310	281	310	300	310	289	306	309	300	310	300	309	3634
22	MEAN	1019.9	1019.5	1017.6	1017.2	1016.3	1016.7	1017.1	1018.0	1017.4	1018.9	1019.7	1019.5	1018.1
	S D	7.238	7.514	6.824	6.301	4.765	4.013	3.513	3.117	3.766	5.323	5.841	7.417	5.800
	TOTAL OBS	310	279	310	300	309	289	305	310	300	310	300	309	3631
ALL HOURS	MEAN	1019.4	1019.4	1017.3	1017.0	1016.1	1016.4	1016.8	1017.7	1017.1	1018.5	1019.4	1019.3	1017.9
	S D	7.525	7.485	7.205	6.546	4.970	4.158	3.638	3.319	3.827	5.483	5.974	7.529	5.962
	TOTAL OBS	2360	2139	2367	2302	2355	2252	2379	2416	2340	2415	2340	2415	28080

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