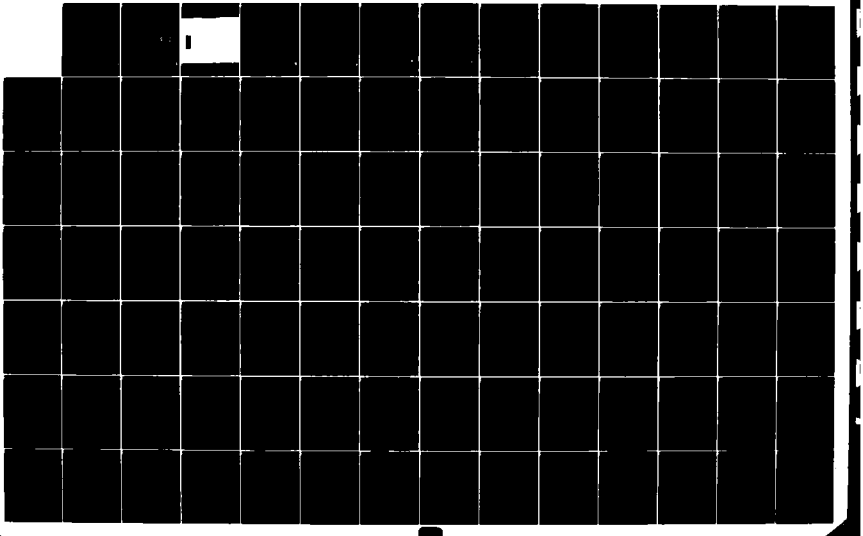
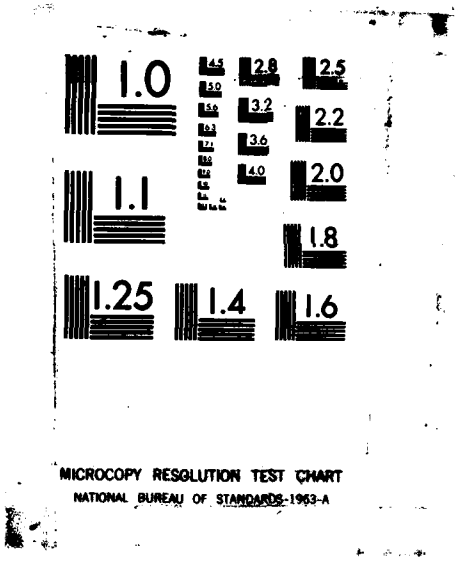
AD A150 397 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
DIEGO GARCIA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE NC MAR 84

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

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

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

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

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

		LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	AMO NUMBER
70701	Diego Garcia	7°18'S	72°24'E	9	FJDG	61967

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FEET	ELEVATION ABOVE MSL TYPE BAROMETER	OBS PER DAY
	Island of Mauritius Met. Office	G.B.	1951	1971	7°14'S	72°26'E	7	Unknown	UNK
1.	Met Van	Navy	1971	Aug 1973	7°42'S	72°24'E	6	Aneroid	*
2.	Air Operations Bldg	"	1973		7°18'S	72°24'E	5	"	24

* Limited observing program from July 1971 through May 1974 (8 obs/day).
The observing program became fully operational June 1974 (24 obs/day).

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1.	1971	Top of Met Van	UMQ-5	RD-108	17'	1. Barograph (ML-3) 2. Elec. Psychrometer (ML-450A) 3. Radiosonde (AN/GMD-1) 4. APT (SMQ-6) 5. Semi-auto Met Station(AN/GMQ-14) 6. Ceiling light (ML-121) 7. Theodolite (Shore Type) 8. Thermoscreen (ML-41) 9. Rawinsonde Set (GMD 1)
2.	1973	Met. Pad (433' SW of Air Ops Bldg)	"	RD-108B	11'	

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Asheville, NC

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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.

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.

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.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A ATMOSPHERIC PHENOMENA

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

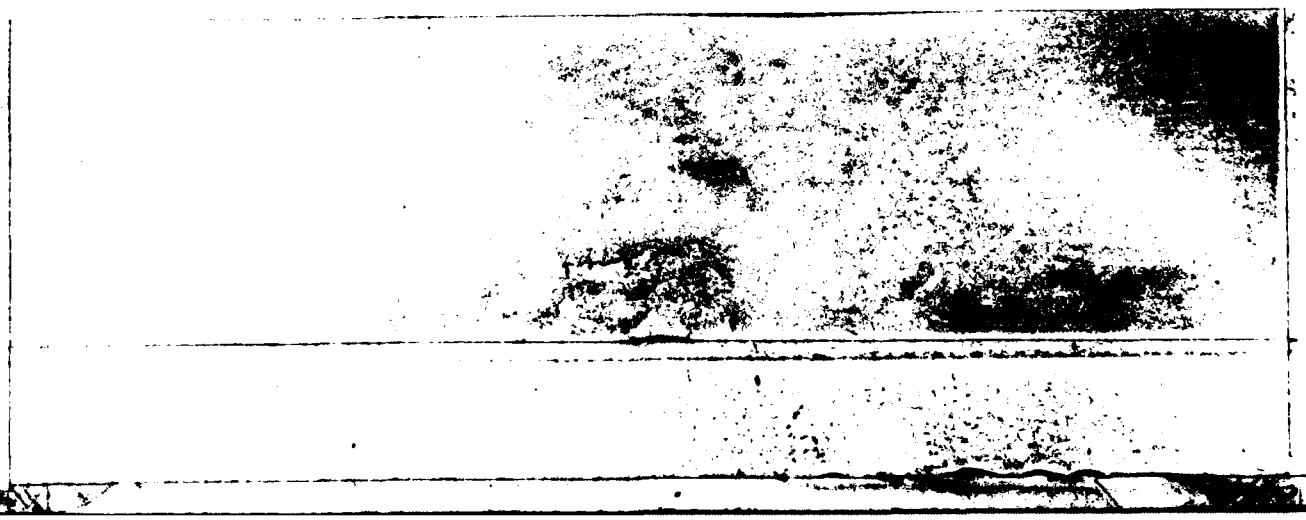
The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.



WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

70731	DIEGO GARCIA ISLAND	74, 76-79	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	2.4	84.6				84.6		2.4			2.4	123
FEB		6.0	81.0				81.0						84
MAR		2.2	76.3				76.3						93
APR		8.3	68.3				68.3						120
MAY		.8	61.3				61.3						124
JUN		2.5	61.7				61.7						120
JUL		1.6	74.2				74.2		.8			.8	124
AUG		2.2	75.3				75.3						93
SEP			69.2				69.2	.8				.8	120
OCT		1.6	85.5				85.5		1.6			1.6	124
NOV		2.5	65.3				65.3						121
DEC		2.4	85.5				85.5						124
TOTALS		2.7	74.0				74.0	.1	.4			.5	1370

WEATHER CONDITIONS

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JAN (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	02		14.0				14.0		.5			.5	186
	05		16.7				16.7		.5			.5	186
	08		13.4				13.4						186
	11		17.7				17.7						186
	14		10.8				10.8						186
	17		12.4				12.4						186
	20		11.8				11.8						186
	23	.5	10.2				10.2		.5			.5	186
TOTALS		.1	13.4				13.4		.2			.2	1488

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WEATHER CONDITIONS

70731 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) FEB (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	02		9.5				9.5						169
	05		8.9				8.9						169
	08	.6	8.9				8.9						169
	11	1.2	6.5				6.5						169
	14		4.7				4.7						169
	17		10.1				10.1						169
	20		6.5				6.5						169
	23		4.7				4.7						169
TOTALS		.2	7.5				7.5						1352

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WEATHER CONDITIONS

72701	DIEGO GARCIA ISLAND	74-79	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 PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAR	02	.5	9.1				9.1						186
	05		5.9				5.9						186
	08		5.9				5.9						186
	11		4.3				4.3						186
	14		5.9				5.9						186
	17	.5	6.5				6.5						186
	20		5.9				5.9						186
	23		3.2				3.2						186
TOTALS		.1	5.8				5.8						1488

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WEATHER CONDITIONS

70721	DIEGO GARCIA ISLAND	74-79	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	02		6.7				6.7						180
	05	.6	7.2				7.2						180
	08	1.1	6.1				6.1						180
	11	.6	6.7				6.7						180
	14		6.1				6.1						180
	17		5.0				5.0						180
	20		7.2				7.2						180
	23	.6	7.8				7.8						180
TOTALS		.4	6.6				6.6						1440

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WEATHER CONDITIONS

72731	DIEGO GARCIA ISLAND	74-79	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	02		3.8				3.8						186
	05		8.1				8.1						186
	08		5.4				5.4						186
	11		2.7				2.7						186
	14		3.8				3.8						186
	17		4.3				4.3						186
	20		5.9				5.9						186
	23		4.8				4.8						186
TOTALS			4.9				4.9						1488

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WEATHER CONDITIONS

7C701	DIEGO GARCIA ISLAND	74-79	JUN
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.
JUN	02		3.9				3.9						180
	05		8.9				8.9						180
	08		5.6				5.6						180
	11	.6	4.4				4.4		.6			.6	180
	14		3.9				3.9		.6			.6	180
	17		5.0				5.0		.6			.6	180
	20		2.8				2.8						180
	23		3.9				3.9						180
TOTALS		.1	4.8				4.8		.2			.2	1440

WEATHER CONDITIONS

72731	DIEGO GARCIA ISLAND	74-79	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	02	1.1	7.5				7.5						186
	05		9.7				9.7						186
	08		5.9				5.9						186
	11		6.5				6.5						186
	14		7.5				7.5		.5			.5	186
	17		8.1				8.1						186
	20		3.8				3.8						186
	23		5.4				5.4						186
TOTALS		.1	6.8				6.8		.1			.1	1488

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WEATHER CONDITIONS

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-78 (YEARS) AUG (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	02		6.5				6.5						186
	05		5.4				5.4						186
	08		4.8				4.8		.5			.5	186
	11		4.8				4.8						186
	14		4.3				4.3						186
	17		8.1				8.1						186
	20		7.0				7.0						186
	23		5.9				5.9						186
TOTALS			5.9				5.9		.1			.1	1488

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WEATHER CONDITIONS

70701	DIEGO GARCIA ISLAND	73-79	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	02	.5	9.0				9.0						210
	05	.5	11.0				11.0						210
	08		10.0				10.0						210
	11		9.0				9.0	.5				.5	210
	14		8.1				8.1	.5				.5	210
	17		9.0				9.0	.5				.5	210
	20		8.1				8.1	.5				.5	210
	23		7.6				7.6						210
TOTALS		.1	9.0				9.0	.3				.3	1680

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WEATHER CONDITIONS

78701	DIEGO GARCIA ISLAND	73-79	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	02		11.1				11.1						217
	05		9.7				9.7						217
	08		8.8				8.8						217
	11	.5	5.1				5.1		.5			.5	217
	14		7.4				7.4		.5			.5	217
	17		6.0				6.0		.9			.9	217
	20		6.9				6.9						217
	23	.5	8.3				8.3						217
TOTALS		.1	7.9				7.9		.2			.2	1736

2

WEATHER CONDITIONS

70731	DIEGO GARCIA ISLAND	73-79	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	02		9.0				9.0						210
	05		11.0				11.0						210
	08		5.7				5.7						210
	11		5.2				5.2						210
	14	.5	8.1				8.1						210
	17		7.6				7.6						210
	20		5.7				5.7						210
	23		8.1				8.1						210
TOTALS		.1	7.6				7.6						1680

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2

WEATHER CONDITIONS

70701	DIEGO GARCIA ISLAND	73-79	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	02	.5	10.1				10.1						217
	05		11.5				11.5						217
	08		8.8				8.8						217
	11	.5	6.9				6.9						217
	14		6.0				6.0						217
	17		8.3				8.3						217
	20		5.5				5.5						217
	23	.5	10.6				10.6						217
TOTALS		.2	8.5				8.5						1736

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WEATHER CONDITIONS

70701	DIEGO GARCIA ISLAND	73-79	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	.1	13.4				13.4		.2			.2	1488
FEB		.2	7.5				7.5						1352
MAR		.1	5.8				5.8						1488
APR		.4	6.6				6.6						1440
MAY			4.9				4.9						1488
JUN		.1	4.8				4.8		.2			.2	1440
JUL		.1	6.8				6.8		.1			.1	1488
AUG			5.9				5.9		.1			.1	1488
SEP		.1	9.0				9.0	.3				.3	1680
OCT		.1	7.9				7.9		.2			.2	1736
NOV		.1	7.6				7.6						1680
DEC		.2	8.5				8.5						1736
TOTALS		.1	7.4				7.4	.0	.1			.1	18504

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7 7 1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) JANUARY (MONTH) (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.2	11.5												87.2
NNE		5.1												91.9
NE	.7	8.7												82.6
ENE	10.0	16.7												73.3
E	.3	5.3												89.5
ESE	2.4	14.3												83.3
SE		13.8												86.2
SSE		7.7												92.3
S	2.0	5.9												92.2
SSW	4.4	15.6												80.0
SW		12.5												87.5
WSW	2.3	9.8												88.2
W	3.0	8.4												88.5
WNW	4.3	11.4	.5					.5						83.3
NW	4.5	11.0												84.4
NNW	2.4	14.4												83.2
VARIABLE														
CALM		2.5									2.3			80.7
TOTAL	43	155	1					1			3			1286
% TOTAL	2.9	13.4	.1					.1			.2			86.4

TOTAL NUMBER OF OBSERVATIONS 1,488

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
[illegible]	DIEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	FEBRUARY	

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		9.4												90.6
NNE		5.9						2.9						94.1
NE														100.0
ENE		6.3												93.8
E		3.4												96.6
ESE	2.3													97.7
SE		5.0												95.0
SSE	2.2	8.7												89.1
S		3.0												97.0
SSW		8.9						1.8						91.1
SW		11.1												88.9
WSW	1.1	9.5												89.5
W	.5	4.0	.4					.4						94.6
WNW	1.1	7.9	.6											90.4
NW		9.5												90.5
NNW		9.6												90.4
VARIABLE														
CALM		3.9												96.1
TOTAL	7	89	2					3						1258
% TOTAL	.5	6.6	.1					.2						92.7

TOTAL NUMBER OF OBSERVATIONS 1,344

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7 7?1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) MARCH (MONTH) _____ (HOURS (UNITS))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		5.2												93.c
NNE														1?0.0
NE		4.2												95.8
ENE														100.0
E														100.0
ESE	1.7	5.2	1.7											91.4
SE		9.4	1.6											89.1
SSE														100.0
S		3.3	2.1											92.6
SSW		7.1												92.9
SW	1.4	2.8												95.8
WSW		9.6						1.1						90.4
W	.?	6.0												93.5
WNW		9.3												90.7
NW		2.9												97.1
NNW		11.8						1.1						88.2
VARIABLE														
CALM		.9												99.1
TOTAL	3	70	4					2						1470
% TOTAL	.2	5.4	.3					.1						94.1

TOTAL NUMBER OF OBSERVATIONS 1,487

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DIEGO GARCIA ISLAND (STATION / STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) APRIL (MONTH) [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	N WEATHER
N	.7	16.7												76.7
NNE		11.1												88.9
NE		13.2												81.9
ENE		23.5												76.5
E	2.6	10.3												87.1
ESE		4.7												95.7
SE	1.2	2.6						1.5						95.9
SSE	.4	2.5						.5						97.0
S		4.5						.6						94.9
SSW		1.4												98.6
SW		1.9												98.1
WSW														100.0
W		2.0												98.0
WNW		5.1												94.9
NW		12.5												87.5
NNW	7.2	13.2												73.9
VARIABLE														
CALM		7.4	.7											91.9
TOTAL	11	43	1					5						1343
% TOTAL	.8	5.8	.1					.3						93.3

TOTAL NUMBER OF OBSERVATIONS 1,440

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7 [illegible] DIEGO GARCIA ISLAND AUGUST 1973-DECEMBER 1979 MAY

STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE		7.7												92.3
NE		38.5												61.5
ENE	4.2	12.5												83.3
E		9.5												90.5
ESE	.5	5.4												94.1
SE	1.0	2.3												96.7
SSE		2.9												97.1
S	1.3		.6											98.1
SSW		2.0												98.0
SW														100.0
WSW														100.0
W		20.0												80.0
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														
CALM		6.4												94.6
TOTAL	9	62	1											1416
% TOTAL	.6	4.2	.1											95.2

TOTAL NUMBER OF OBSERVATIONS 1,488

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
[illegible]	DIEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	JUNE	

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE		40.0												60.0
ENE		10.0												90.0
E		9.0												91.0
ESE	.5	3.9												95.5
SE	.7	2.4									.7			96.3
SSE	.3	3.7						.5						95.3
S		6.5												93.5
SSW		5.9												94.1
SW		25.0												75.0
WSW														100.0
W		6.3												93.8
WNW														100.0
NW														
NNW														100.0
VARIABLE														
CALM		5.0												95.0
TOTAL	3	51						1			3			1368
% TOTAL	.3	4.2						.1			.2			95.0

TOTAL NUMBER OF OBSERVATIONS 1,440

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7[illegible]1	DIEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	JULY	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														
NNE														100.0
NE		33.3												66.7
ENE		20.0												80.0
E	3.8	11.5						1.9						84.6
ESE	.4	9.3									.4			89.9
SE	1.6	3.9						.2						94.5
SSE	.8	4.2	.2											94.7
S		4.3												95.7
SSW	25.0	25.0												50.0
SW														
WSW														
W														
WNW														
NW														
NNW		100.0												
VARIABLE														
CALM														100.0
TOTAL	10	82	1					2			1			1386
% TOTAL	1.2	5.5	.1					.1			.1			93.1

TOTAL NUMBER OF OBSERVATIONS 1,488

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7 7 1	DIEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	AUGUST	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE														100.0
NE		10.0												90.0
ENE		30.0												70.0
E	2.4	8.4												89.2
ESE	.3	4.1												95.5
SE	1.5	4.9									.2			93.5
SSE	1.7	3.7												94.6
S		1.8												98.2
SSW														100.0
SW														
WSW		33.3												66.7
W														
WNW														
NW		100.0												
NNW		50.0												50.0
VARIABLE														
CALM	6.3													36.3
TOTAL	18	69									1			1400
% TOTAL	1.2	4.6									.1			94.1

TOTAL NUMBER OF OBSERVATIONS 1,488

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7 [illegible] DIEGO GARCIA ISLAND AUGUST 1973-DECEMBER 1979 SEPTEMBER
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE		6.3												93.8
NE	5.3	23.5												70.6
ENE		23.8												76.2
E	2.3	21.5						2.5						75.9
ESE		8.6												91.4
SE	.3	6.0												93.6
SSE	.2	6.4												93.3
S	.7	8.1												91.2
SSW	3.3	12.5												79.2
SW		11.1							1.6					98.9
WSW		6.7												93.3
W		23.8												76.2
WNW		28.6							14.3					71.4
NW	14.3	14.3							28.6					42.9
NNW		25.0												75.0
VARIABLE														
CALM	1.6	4.9												93.4
TOTAL	11	140						2	4					1527
% TOTAL	.7	8.3						.1	.2					90.9

TOTAL NUMBER OF OBSERVATIONS 1,680

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
[illegible]71	[illegible]IEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	OCTOBER	

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.9	41.2									5.9			47.1
NNE		27.3									4.5			68.2
NE		18.8									6.3			75.0
ENE	2.7	16.2												81.1
E		11.0												89.0
ESE		7.5												92.5
SE		6.3												93.8
SSE	.4	3.2												96.5
S	.5	4.8						.5						94.2
SSW		5.8												94.2
SW		4.0						4.0						92.0
WSW		8.7												91.3
W		3.4												96.6
WNW		11.1									5.6			83.3
NW		9.1												90.9
NNW		26.7												73.3
VARIABLE														
CALM	2.8	16.7												80.6
TOTAL	5	172						2			4			1593
% TOTAL	.3	7.6						.1			.2			91.8

TOTAL NUMBER OF OBSERVATIONS 1,736

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7[illegible]21	DIEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	NOVEMBER	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	2.4	26.8												70.7
NNE		13.8												86.2
NE		11.1												88.9
ENE		2.9												97.1
E		8.6												91.4
ESE	.4	7.8												91.8
SE	.2	3.6												95.8
SSE		4.7												95.3
S		4.5												95.5
SSW		2.2												97.8
SW		7.5												92.5
WSW		7.4												92.6
W		13.3												86.7
WNW		9.1												90.9
NW		10.7												89.3
NNW		21.2												78.8
VARIABLE														
CALM	1.6	11.5						1.6						85.9
TOTAL	5	172						1						1553
% TOTAL	.3	7.3						.1						92.4

TOTAL NUMBER OF OBSERVATIONS 1,680

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

7?? (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) DECEMBER (MONTH) _____ (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		12.5						1.4						86.1
NNE		2.6												97.4
NE	2.[illegible]	8.3	2.8											86.1
ENE	1.[illegible]	5.4	1.8											91.1
E		4.8												95.2
ESE		2.6												97.4
SE	1.7	5.8						1.0						93.2
SSE		9.4												90.6
S	.9	5.3												93.9
SSW		3.8												96.2
SW		3.8												96.2
WSW		11.4						1.4						88.6
W	.[illegible]	10.2												89.[illegible]
WNW		5.7												94.3
NW		12.2												87.8
NNW	1.0	18.8												80.2
VARIABLE														
CALM		[illegible].5												[illegible].5
TOTAL	6	139	2					3						1588
% TOTAL	.3	8.0	.1					.2						91.5

TOTAL NUMBER OF OBSERVATIONS 1,736

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] DIEGO GARCIA ISLAND AUGUST 1973-DECEMBER 1979 ALL
STATION STATION NAME YEARS MONTH HOUR

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.4	13.5						.3			.3			84.6
NNE		3.5						.4			.4			91.[illegible]
NE	[illegible]	1[illegible].3	.5								.5			83.7
ENE	1.3	11.8	.3											86.[illegible]
E	.3	5.7						.2						93.4
ESE	.4	6.1	.0								.3			93.4
SE	.3	4.4	.0					.1			.1			94.6
SSE	.0	4.3	.0					.1						95.1
S	.3	4.3	.2					.1						94.9
SSW	1.0	6.1						.2						92.9
SW	.3	6.5						.3	.3					93.[illegible]
WSW	.5	8.2						.4						91.2
W	1.1	7.8	.1					.1						91.0
WNW	1.5	8.8	.3					.1	.1		.1			89.3
NW	1.1	9.5							.3					89.1
NNW	1.4	15.2						.2						83.4
VARIABLE														
CALM	.[illegible]	.4	.1					.1			.3			92.[illegible]
TOTAL	144	1218	12					22	4		12			17110
% TOTAL	.8	6.6	.1					.1	.0		.1			92.5

TOTAL NUMBER OF OBSERVATIONS 18,499

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

[illegible] DIEGO GARCIA ISLAND 73-8[illegible]
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	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	19.7	9.7	4.7	10.4	6.5	10.4	10.4	15.1	10.4	2.5	.4			70.6	279	13.27	27.32	4.[illegible]
FEB	23.4	12.7	5.1	14.2	7.6	12.7	9.1	7.6	7.1	.5				64.0	197	6.61	9.79	2.77
MAR	33.2	12.9	4.1	7.4	6.5	11.1	12.0	7.4	4.6	.9				53.9	217	6.94	10.72	4.61
APR	29.2	10.4	4.6	10.8	6.7	13.3	11.3	5.4	6.3	2.1				60.4	240	8.34	17.75	1.26
MAY	38.7	13.8	8.3	11.5	6.5	8.3	6.5	2.8	3.2	.5				47.5	217	4.13	9.11	1.20
JUN	40.0	17.1	4.3	7.1	7.6	11.4	5.2	1.4	4.3	1.4				42.9	210	4.70	11.07	.57
JUL	27.8	15.3	5.6	14.5	8.9	10.5	8.9	5.2	2.4	.8				56.9	248	4.95	9.84	1.11
AUG	33.9	19.0	8.5	12.1	7.3	9.3	4.0	2.8	2.4	.4	.4			47.2	248	4.15	17.00	.15
SEP	34.7	12.1	5.0	8.3	6.3	9.6	8.3	6.7	7.5	1.7	.4			53.8	240	9.27	17.37	1.52
OCT	28.7	11.8	7.9	9.3	5.0	10.8	9.7	9.7	6.1	1.1				59.5	279	7.62	14.79	1.64
NOV	34.9	8.1	2.6	9.6	10.0	10.0	9.3	9.6	4.4	1.5				57.0	270	6.84	11.22	1.64
DEC	20.1	9.0	3.6	11.8	7.9	11.5	11.5	15.8	7.5	1.4				71.0	279	10.63	17.27	4.89
ANNUAL	30.3	12.7	5.4	10.6	7.2	10.7	8.8	7.5	5.5	1.2	.1			57.1	2924	87.45		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

72791 STATION — DIEGO GARCIA ISLAND STATION NAME — 73-82 YEARS

15489

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	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	100.0														279	.0	.0	.0
FEB	100.0														225	.0	.0	.0
MAR	100.0														217	.0	.0	.0
APR	100.0														240	.0	.0	.0
MAY	100.0														248	.0	.0	.0
JUN	100.0														210	.0	.0	.0
JUL	100.0														248	.0	.0	.0
AUG	100.0														248	.0	.0	.0
SEP	100.0														240	.0	.0	.0
OCT	100.0														279	.0	.0	.0
NOV	100.0														270	.0	.0	.0
DEC	100.0														279	.0	.0	.0
ANNUAL	100.0														2983	.0		

NAVWEASERVCOM

2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

72701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	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	100.0														279			
FEB	100.0														225			
MAR	100.0														217			
APR	100.0														240			
MAY	100.0														248			
JUN	100.0														210			
JUL	100.0														248			
AUG	100.0														248			
SEP	100.0														240			
OCT	100.0														279			
NOV	100.0														270			
DEC	100.0														279			
ANNUAL	100.0														2983			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

7[illegible]91 — STATION
DIEGO GARCIA ISLAND — STATION NAME
73-8[illegible] — YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
73								.10	5.39	1.36	1.27	.95	
74	1.21	1.30	2.27	3.58	1.04	1.36	1.38	.73	.73	1.03	.75	1.77	[illegible]
75	3.02	.56	1.33	1.52	1.58	.77	4.35	.81	3.84	1.05	2.63	.90	4.35
76	.96	1.81		1.07		2.53	.65	6.70	1.84	3.09	2.84	1.13	
77	3.67	1.37	1.73	1.95	2.29	2.79	.95	1.42		2.58	1.74	2.45	
78	3.23	1.65	2.25	.80	3.02	1.41	2.60	.83	1.39	.83	.33	3.67	3.67
79	1.58		2.92	.44	.49	.32	.84		3.97	1.22	.63	3.27	
80	3.02												
81	1.91	1.29	.90	3.46	1.66	3.46	2.23	1.15	3.84	1.87	3.12	3.56	3.84
82	1.45	4.98	3.04	1.21	.33		.49	1.60	1.68	3.59	1.86	3.14	
MEAN	2.57	1.85	2.06	1.75	1.49	1.81	1.68	1.67	2.96	1.85	1.69	2.31	3.45
S.D.	1.61	1.435	.792	1.179	.954	1.145	1.320	2.085	1.874	1.005	1.020	1.140	.352
TOTAL OBS.	279	197	217	240	217	210	248	248	240	279	270	279	2924

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

70701	DIEGO GARCIA ISLAND	73-82
STATION	STATION NAME	YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
76					1.13 30								PRECIP DAYS
79		3.03 25											PRECIP DAYS
82						1.60 31							PRECIP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
73								.0	.0	.0	.0	.0	
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	
77	.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	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	
80	.0												
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
82	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	279	225	217	240	249	210	248	248	240	279	270	279	2983

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

78701	DIEGO GARCIA ISLAND	73-82
STATION	STATION NAME	YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
82						.0							SNOWFALL
						31							DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73								0	0	0	0	0	
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	
77	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	0	0	0	0	0	0		0	0	0	0	
80	0												
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0		0	0	0	0	0	0	
MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS.	279	225	217	240	248	210	248	248	240	279	270	279	2983

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
82						0							SNO DPTH
						31							DAYS
MEAN													
S D													
TOTAL OBS													

SMOS

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | DIEGO GARCIA ISLAND (STATION NAME) | 1974-1982 (YEARS)

JANUARY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.90	48	1977			
2	1.80	46	1977			
3	1.89	48	1980			
4	6.02	153	1980			
5	3.11	79	1977			
6	1.13	29	1977			
7	1.84	47	1978			
8	0.56	14	1978			
9	1.77	45	1978			
10	1.89	48	1978			
11	1.59	40	1978			
12	1.28	33	1977			
13	0.36	9	1976			
14	3.28	83	1978			
15	0.68	17	1978			
16	1.91	49	1981			
17	0.93	24	1982			
18	0.98	25	1982			
19	0.57	14	1982			
20	0.93	24	1977			
21	3.08	78	1977			
22	3.02	77	1975			
23	3.00	76	1977			
24	1.82	46	1980			
25	3.67	93	1977			
26	0.66	17	1980			
27	0.97	25	1982			
28	1.58	40	1979			
29	1.70	43	1981			
30	0.89	23	1981			
31	1.45	37	1980			
Monthly	6.02	153	1980			

FEBRUARY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.24	31	1977			
2	1.29	33	1981			
3	0.58	15	1979			
4	1.05	27	1979			
5	1.08	27	1978			
6	3.03	77	1979			
7	4.98	126	1982			
8	0.34	9	1981			
9	0.08	2	1982			
10	0.15	4	1982			
11	0.10	3	1981*			
12	0.15	4	1981			
13	1.30	33	1974			
14	1.21	31	1977			
15	0.74	19	1982			
16	0.77	20	1979			
17	0.16	4	1979			
18	1.48	38	1979			
19	1.17	30	1981			
20	1.81	46	1976			
21	0.93	24	1977			
22	1.37	35	1977			
23	1.17	30	1974			
24	0.61	15	1978			
25	1.50	38	1976			
26	1.10	28	1978			
27	1.35	34	1979			
28	0.63	16	1979			
29						
30						
31						
Monthly	4.98	126	1982			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	DIEGO GARCIA ISLAND	1974-1982

MARCH (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.23	6	1982			
2	0.33	8	1982			
3	1.73	44	1977			
4	0.30	8	1977			
5	1.49	38	1982			
6	0.53	13	1982			
7	0.57	14	1975			
8	0.44	11	1975			
9	1.36	35	1974			
10	2.92	74	1979			
11	0.50	13	1977			
12	0.61	15	1975			
13	1.16	29	1982			
14	2.25	57	1978			
15	0.89	23	1978			
16	0.90	23	1981			
17	0.79	20	1974			
18	1.67	42	1982			
19	0.68	17	1982			
20	3.04	77	1982			
21	0.62	16	1981			
22	0.75	19	1978			
23	0.49	12	1977			
24	0.06	2	1981			
25	0.23	6	1981			
26	1.26	32	1978			
27	2.27	58	1974			
28	1.42	36	1974			
29	0.28	7	1979			
30	0.27	7	1981			
31	0.60	15	1974			
Monthly	3.04	77	1982			

APRIL (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.48	38	1977			
2	0.92	23	1974			
3	3.46	88	1981			
4	1.21	31	1982			
5	1.19	30	1974			
6	0.62	16	1977			
7	3.58	91	1974			
8	1.01	26	1975			
9	1.70	43	1974			
10	0.91	23	1977			
11	0.83	21	1976			
12	0.91	23	1977			
13	0.39	10	1977			
14	0.44	11	1976			
15	1.62	41	1974			
16	0.38	10	1977			
17	0.23	6	1977			
18	1.44	37	1974			
19	1.83	46	1977			
20	1.95	50	1977			
21	0.31	8	1974			
22	1.39	35	1974			
23	3.20	81	1974			
24	2.38	60	1981			
25	0.72	18	1982			
26	0.86	22	1982			
27	2.83	72	1981			
28	3.10	79	1981			
29	0.24	6	1978			
30	0.32	8	1977			
31						
Monthly	3.58	91	1974			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | DIEGO GARCIA ISLAND (STATION NAME) | 1974-1982 (YEARS)

MAY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.07	2	1977			
2	0.36	9	1977			
3	0.38	10	1978			
4	0.20	5	1979			
5	1.58	40	1975			
6	0.91	23	1977			
7	3.02	77	1978			
8	0.39	10	1981			
9	0.18	5	1978			
10	0.09	2	1977			
11	0.23	6	1982			
12	0.17	4	1977			
13	1.06	27	1974			
14	1.03	26	1974			
15	0.40	10	1978*			
16	1.66	42	1981			
17	0.33	8	1982			
18	0.21	5	1982			
19	0.05	1	1981			
20	2.23	57	1977			
21	T	T	1977			
22	T	T	1979*			
23	0.66	17	1977			
24	0.72	18	1975			
25	1.02	26	1977			
26	2.04	52	1977			
27	0.97	25	1976			
28	0.13	3	1974			
29	0.23	6	1976			
30	0.20	5	1974			
31	0.24	6	1982			
Monthly	3.02	77	1978			

JUNE (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.23	6	1974			
2	0.01		1981			
3	0.20	5	1975			
4	1.12	28	1976			
5	0.11	3	1976			
6	0.86	22	1976			
7	0.31	8	1975			
8	1.60	41	1982			
9	1.03	26	1982			
10	0.15	4	1976			
11	0.04	1	1982*			
12	0.26	7	1982			
13	0.37	9	1977			
14	0.13	3	1975			
15	0.25	6	1975			
16	0.46	12	1976			
17	0.21	5	1975			
18	1.01	26	1976			
19	2.53	64	1976			
20	2.17	55	1976			
21	0.11	3	1976			
22	0.24	6	1982			
23	0.16	4	1977			
24	1.19	30	1981			
25	2.79	71	1977			
26	1.70	43	1981			
27	3.46	88	1981			
28	0.75	19	1982			
29	0.19	5	1978			
30	1.37	35	1982			
31	1.37	35	1982			
Monthly	3.46	88	1981			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	DIEGO GARCIA ISLAND	1974-1982

JULY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.27	7	1982			
2	0.54	14	1976			
3	0.69	18	1974			
4	0.34	9	1975			
5	0.07	2	1975			
6	0.23	6	1981			
7	0.43	11	1974			
8	0.30	8	1981			
9	0.78	20	1977			
10	0.55	14	1978			
11	0.12	3	1976			
12	1.12	28	1975			
13	0.27	7	1982			
14	0.11	3	1975			
15	1.20	30	1975			
16	1.38	35	1974			
17	0.47	12	1974			
18	0.39	10	1974			
19	4.35	110	1975			
20	0.95	24	1977			
21	0.89	23	1977			
22	1.01	26	1975			
23	0.32	8	1981			
24	2.60	66	1978			
25	1.34	34	1981			
26	0.69	18	1975			
27	0.48	12	1981			
28	0.11	3	1979			
29	0.48	12	1977			
30	0.22	6	1976			
31	0.67	17	1977			
Monthly	4.35	110	1975			

AUGUST (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.53	13	1976			
2	0.19	5	1976			
3	0.39	10	1976			
4	1.15	29	1981			
5	0.14	4	1981			
6	0.18	5	1977			
7	0.07	2	1981			
8	1.21	31	1976			
9	0.81	21	1975			
10	0.90	23	1982			
11	0.03	1	1974*			
12	0.13	3	1982			
13	0.06	2	1981			
14	0.09	2	1977			
15	0.45	11	1977			
16	1.29	33	1976			
17	1.42	36	1977			
18	0.23	6	1975			
19	0.73	19	1974			
20	6.70	170	1976			
21	1.20	30	1976			
22	0.24	6	1982			
23	0.83	21	1978			
24	3.50	89	1976			
25	0.36	9	1981			
26	0.94	24	1976			
27	0.17	4	1976			
28	0.28	7	1982			
29	0.41	10	1975			
30	0.12	3	1975			
31	1.60	41	1982			
Monthly	6.70	170	1976			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	DIEGO GARCIA ISLAND	1973-1982

SEPTEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.68	43	1982			
2	0.43	11	1979			
3	1.48	38	1982			
4	1.39	35	1978			
5	0.99	25	1976			
6	1.56	40	1979			
7	0.29	7	1979			
8	0.12	3	1981			
9	1.33	34	1979			
10	0.73	19	1974			
11	0.70	18	1979			
12	0.73	19	1979			
13	0.79	20	1979			
14	0.27	7	1979			
15	3.28	83	1973			
16	6.38	162	1973			
17	1.38	35	1981			
18	3.84	98	1975			
19	0.99	25	1975			
20	0.78	20	1981			
21	0.45	11	1975			
22	1.61	41	1976			
23	1.21	31	1981			
24	0.76	19	1981			
25	2.48	63	1981			
26	1.81	46	1981			
27	1.30	33	1975			
28	0.52	13	1981			
29	3.97	101	1979			
30	1.84	47	1976			
31						
Monthly	6.38	162	1973			

OCTOBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.63	16	1977			
2	2.58	66	1977			
3	1.36	35	1973			
4	1.13	29	1976			
5	3.59	91	1982			
6	1.72	44	1976			
7	1.77	45	1977			
8	1.07	27	1981			
9	0.83	21	1978			
10	1.19	30	1977			
11	0.62	16	1981			
12	0.31	8	1977			
13	0.84	21	1975			
14	0.89	23	1977			
15	1.05	27	1975			
16	0.12	3	1981			
17	1.87	47	1981			
18	0.69	18	1981			
19	0.31	8	1982			
20	1.20	30	1981			
21	0.91	23	1977			
22	0.90	23	1982			
23	1.22	31	1979			
24	0.61	15	1977			
25	0.76	19	1982			
26	1.38	35	1976			
27	3.09	78	1976			
28	2.03	52	1982			
29	1.74	44	1982			
30	0.33	8	1979			
31	0.35	9	1981			
Monthly	3.59	91	1982			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	DIEGO GARCIA ISLAND	1973-1982

NOVEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.11	28	1975			
2	1.08	27	1981			
3	0.30	8	1978			
4	2.84	72	1981			
5	3.12	79	1981			
6	1.17	30	1977			
7	1.16	29	1977			
8	0.36	9	1982			
9	0.67	17	1981			
10	0.40	10	1976			
11	0.60	15	1979			
12	1.54	39	1976			
13	0.53	13	1982			
14	0.96	24	1982			
15	2.84	72	1976			
16	1.37	35	1976			
17	0.78	20	1976			
18	0.35	9	1982			
19	1.86	47	1982			
20	0.17	4	1976			
21	0.71	18	1982			
22	0.28	7	1982			
23	0.09	2	1976			
24	0.89	23	1981			
25	0.81	21	1975			
26	2.63	67	1975			
27	0.57	14	1977			
28	1.74	44	1977			
29	1.50	38	1975			
30	0.70	18	1976			
31						
Monthly	3.12	79	1981			

DECEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.85	22	1977			
2	3.14	80	1982			
3	0.92	23	1975			
4	1.69	43	1979			
5	1.09	28	1981			
6	1.26	32	1981			
7	0.28	7	1979			
8	0.76	19	1974			
9	1.50	38	1982			
10	0.59	15	1981			
11	0.92	23	1976			
12	0.84	21	1976			
13	0.95	24	1981			
14	3.56	90	1981			
15	0.55	14	1981*			
16	0.97	25	1974			
17	0.80	20	1982			
18	0.32	8	1981			
19	0.68	17	1975			
20	2.40	61	1977			
21	1.40	36	1977			
22	2.02	51	1977			
23	0.95	24	1982			
24	1.25	32	1977			
25	3.27	83	1979			
26	0.36	9	1974			
27	1.39	35	1981			
28	1.30	33	1981			
29	3.63	92	1978			
30	0.83	21	1979			
31	0.98	25	1982			
Monthly	3.63	92	1978			

* ALSO ON EARLIER YEARS
T – TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET–SMOS

North, Federal Building
Asheville, N. C.

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

72[illegible]1 — STATION
DIEGO GARCIA ISLAND — STATION NAME
73-82 — YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
73								11 27	19 32	18 29	16 21	30 30	
74	33 29	32 27	11 19	26 28	14 21	11 31	15 26	13 25	12 22	12 26	12 29	26 28	11 31
75	19 24	31 30	35 29	12 25				17 28	14 23	13 23		33 21	
76	30 25	01 23		13 29	11 20	16 23	13 25	11 29	11 26	32 29	30 33	28 23	
77	29 33	30 34	36 32	34 33	09 23	12 32	12 29	12 29		10 28	10 31	29 35	
78	28 43	25 28	27 46	12 34	12 32	12 34	10 37	12 24					
79	36 28	34 32	31 32	31 36	14 24	14 26	15 32		04 32	14 29	20 21	09 25	
80	26 34												
81	14 33	31 28	27 24	29 32	06 27	13 28	13 24	15 25	17 36	15 26	06 24	30 22	17 36
82	28 30	25 35	29 28	26 33	13 23	14 33	14 30	16 29	12 28	14 35	07 28	34 40	34 40
MEAN	31.0	29.6	30.0	31.3	24.7	29.6	29.0	27.1	28.4	28.0	26.7	28.0	35.7
S D	5.701	3.962	8.426	3.615	4.152	4.036	4.546	1.959	5.159	3.464	4.786	6.71[illegible]	
TOTAL OBS.	276	225	216	239	214	211	217	248	210	247	208	247	2758

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

72791 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75					09 24						10 21		WINDS
					12	J	0				14		DAYS
76												26 21	WINDS
									0	0	0	10	DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER

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	.2	3.0	1.2									7.0	5.1
NNE	.0	.0	.2									1.0	4.7
NE		.0										.0	4.2
ENE	.0	.0	.2									1.0	.2
E	.0	1.0	.2									.0	5.2
ESE	.1		.1	.0								.0	5.3
SE	.1	1.1										.0	7.2
SSE		1.1										1.1	4.0
S	.0	1.1	.2									.0	5.0
SSW		.0	.2									1.1	5.2
SW	.1	.2		.0								.0	.2
WSW	.2	1.0	1.1	1.1								.0	5.3
W	.2	2.2	4.2	4.2	.2							14.2	7.7
WNW	.2	4.0	2.4	1.1	.2							14.0	.2
NW	1.0	3.2	3.2	2.2	1.1							11.0	6.2
NNW	.0	2.0	1.0	.2								3.1	5.4
VARBL													
CALM												16.7	
	1.2	22.1	21.2	10.2	.2							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 176

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] DIEGO GARCIA ISLAND STATION NAME | 74-79 YEARS | JA MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.7	1.1	.								4.	6.
NNE	.	.										1.1	4.5
NE	.1	.										1.	3.3
ENE	.	.	.									1.	[illegible]
E				.								.	12.
ESE	.	1.1	.	.								3.	5.3
SE	.1	.		.								2.3	5.3
SSE	.	1.1										2.7	3.2
S	.	2.2	1.1									3.	5.1
SSW	.1	.										1.	2.7
SW	.	.	.									2.	4.4
WSW	.	1.	1.6									4.	5.1
W	.	5.4	5.5	7.	.5							22.	8.9
WNW	.	2.2	5.2	3.2	1.6							12.	8.4
NW	.	5.4	2.2									10.	5.0
NNW	.	2.7	2.7	1.6								7.	7.6
VARBL													
CALM												16.7	
	23.4	26.	19.9	14.	2.2							100.	5.7

TOTAL NUMBER OF OBSERVATIONS 136

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND 74-79 JA
STATION STATION NAME YEARS MONTH

ALL WEATHE 03
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	.[illegible]									3.[illegible]	4.5
NNE	.[illegible]	1.[illegible]										2.[illegible]	7.4
NE		1.1										1.[illegible]	[illegible].5
ENE		.[illegible]	.[illegible]									1.1	[illegible].[illegible]
E	.	1.1	.[illegible]	.[illegible]								2.[illegible]	7.2
ESE	.1	1.1	1.[illegible]									3.[illegible]	5.6
SE			.[illegible]									.3	[illegible].0
SSE	.[illegible]	[illegible].[illegible]	.[illegible]									6.[illegible]	4.3
S	1.	2.[illegible]		.[illegible]								4.3	4.8
SSW	[illegible].1	.[illegible]		.[illegible]								2.[illegible]	5.3
SW	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								3.[illegible]	6.5
WSW	.	2.[illegible]	1.1	1.1	1.1							6.[illegible]	9.1
W	[illegible].2	7.[illegible]	[illegible].9	4.3	1.1							20.4	[illegible].1
WNW		1.[illegible]	3.2	5.[illegible]								10.[illegible]	10.5
NW	.	[illegible].[illegible]	3.4	.[illegible]								9.[illegible]	7.1
NNW	1.[illegible]	2.2	6.5	1.1								11.[illegible]	7.1
VARBL													
CALM												10.[illegible]	
	[illegible].1	30.6	26.9	15.1	[illegible].2							100.[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS 126

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JAN (MONTH)

ALL WEATHE (CLASS) 11 (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	2.7	1.6									5.4	5.9
NNE	1.1	3.2										4.3	4.2
NE	.5	.5										1.1	4.0
ENE		.5	1.1	.5								2.2	5.3
E	1.1	3.2										4.3	4.8
ESE		1.1	1.1									2.2	6.6
SE		1.1	1.6		.5							3.2	9.5
SSE		1.1										1.1	5.0
S		1.1	.5									2.2	6.8
SSW	1.1	2.7	.5	.5								4.3	5.7
SW	1.2	1.6		.5								5.4	3.8
WSW	.5	3.2	3.8	1.1								10.2	5.6
W	1.1	4.3	10.2	7.6	.5							23.7	9.3
WNW	1.1	3.2	4.3	2.7	1.1							12.4	9.5
NW	.5	1.1	2.2	2.7								6.5	9.5
NNW		2.7	3.2	1.1								7.5	9.3
VARBL													
CALM												2.7	
	17.4	34.8	31.2	18.1	2.2							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND 74-78 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHE 14
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.1	.5	.5							5.9	6.7
NNE	.	.5										1.1	3.5
NE	.5	.5	1.1									3.2	4.2
ENE		.2	2.2	.5								4.1	7.4
E		1.1	1.6									3.2	6.8
ESE		.	1.1									1.6	7.3
SE		.										.5	4.0
SSE			1.1									1.1	6.5
S	1.1	1.1										2.2	3.4
SSW	.	2.7	1.6	1.1								5.5	7.2
SW		2.2	.5	1.1								4.1	7.0
WSW	1.1	4.3	3.2	.5								8.1	6.3
W	1.1	5.5	6.5	5.9								20.4	8.3
WNW	.5	2.2	4.3	5.6	1.1							17.7	10.7
NW	.	2.2	4.1	2.2	.5							9.1	8.9
NNW	.5	2.2	2.7	2.2								7.5	8.6
VARBL													
CALM												1.1	
	3.1	34.4	30.1	22.3	2.2							100.1	7.8

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-79	JAN

CLASS: ALL WEATHE
HOURS (L S T): 17
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.[illegible]	2.7	.[illegible]	.[illegible]								[illegible].4	5.7
NNE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	6.3
NE	1.1	1.1										[illegible].[illegible]	3.5
ENE	1.1	1.1										[illegible].[illegible]	4.[illegible]
E	.[illegible]	2.7	.5									3.[illegible]	5.6
ESE	1.1	2.7	.5									4.[illegible]	4.5
SE		.[illegible]										.[illegible]	6.[illegible]
SSE		.[illegible]										.[illegible]	4.[illegible]
S	1.[illegible]	3.[illegible]	.[illegible]									[illegible].[illegible]	4.5
SSW	.[illegible]	1.1										3.[illegible]	2.7
SW	1.[illegible]	1.[illegible]	1.1	.5								4.[illegible]	5.7
WSW	1.1	3.[illegible]	3.2	1.1								[illegible].[illegible]	6.[illegible]
W	1.[illegible]	4.3	7.5	5.[illegible]	1.1							20.4	[illegible].[illegible]
WNW	1.[illegible]	3.[illegible]	[illegible].2	9.1								17.[illegible]	[illegible].[illegible]
NW		1.[illegible]	[illegible].3	2.7								[illegible].5	9.4
NNW	1.1	3.2	3.2	.[illegible]								[illegible].1	[illegible].7
VARBL													
CALM												1.[illegible]	
	1[illegible].2	34.4	2[illegible].[illegible]	20.4	1.1							1[illegible].[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND | 74-79 | JAN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHE
CLASS

[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.1									4.[illegible]	4.8
NNE		[illegible].2	.5									2.7	5.2
NE		1.1	.5	.[illegible]								2.[illegible]	6.6
ENE	.[illegible]	.5										1.1	3.5
E	1.1		.5									1.[illegible]	4.2
ESE	1.1	1.1										2.[illegible]	4.0
SE	1.[illegible]	.5	.5									2.7	3.8
SSE	.[illegible]	2.2										4.[illegible]	3.3
S	[illegible].[illegible]	1.1										4.[illegible]	2.7
SSW	.[illegible]	1.1										1.[illegible]	4.2
SW	.[illegible]	1.1		.[illegible]								3.[illegible]	5.[illegible]
WSW	1.1	1.[illegible]	3.2	.5								6.[illegible]	7.1
W	1.[illegible]	2.7	[illegible].1	4.3	.5							17.2	9.0
WNW	[illegible].2	3.2	7.[illegible]	3.2	.5							16.1	8.5
NW	[illegible].2	3.2	4.8	1.1	.5							11.[illegible]	7.2
NNW	[illegible].2	3.2	2.7	.5								8.[illegible]	6.4
VARBL													
CALM												8.1	
	2[illegible].2	25.3	29.[illegible]	10.[illegible]	1.6							100.[illegible]	6.1

TOTAL NUMBER OF OBSERVATIONS 196

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-[illegible] (YEARS) JA[illegible] (MONTH)

ALL WEATHE (CLASS) 2[illegible] (HOURS (L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	2.7	.[illegible]									4.[illegible]	4.1
NNE	1.[illegible]	2.2	.[illegible]									4.[illegible]	4.1
NE	.[illegible]											.[illegible]	[illegible]
ENE	.[illegible]	1.1										1.[illegible]	4.[illegible]
E	.[illegible]	1.1										1.[illegible]	4.[illegible]
ESE	.	1.1	.5									[illegible].[illegible]	4.[illegible]
SE	.[illegible]											3.	[illegible].[illegible]
SSE	.2	.5	1.1									[illegible].[illegible]	3.7
S	.[illegible]	.[illegible]	.5									1.[illegible]	[illegible].3
SSW	1.1	1.1	.5		.5							[illegible].[illegible]	6.7
SW	1.1	.5	1.6									[illegible].2	[illegible].5
WSW	.5	1.[illegible]	1.1	1.[illegible]								4.[illegible]	7.6
W	.2	[illegible].4	[illegible].2	4.3	.5							16.7	7.[illegible]
WNW	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	2.7	.5							11.[illegible]	[illegible].6
NW	1.[illegible]	[illegible].[illegible]	4.3	1.1								14.[illegible]	6.[illegible]
NNW	[illegible].2	2.7	2.2	1.1								7.[illegible]	[illegible].4
VARBL													
CALM												14.5	
	22.[illegible]	30.6	19.[illegible]	10.[illegible]	1.6							[illegible]0.[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS 1[illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STA) SARDIA ISLAND | [illegible] | JAN
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	2.3	1.1	.[illegible]	.1							5.[illegible]	[illegible].4
NNE	.	1.[illegible]	.[illegible]									2.	4.4
NE	.	.[illegible]	.[illegible]	.1								1.[illegible]	4.4
ENE	.4	.	.[illegible]	.1								2.[illegible]	[illegible].3
E	.	1.[illegible]	.5	.1								2.[illegible]	5.7
ESE	.	1.1	.[illegible]	.1								2.[illegible]	[illegible].4
SE	.	.[illegible]	.[illegible]	.1	.1							1.[illegible]	4.7
SSE	.1	1.2	.[illegible]									2.[illegible]	4.[illegible]
S	1.2	1.[illegible]	.4	.1								3.4	4.5
SSW	1.	1.3	.4	.[illegible]	.1							3.[illegible]	[illegible].3
SW	1.[illegible]	1.3	.[illegible]	.[illegible]								3.[illegible]	[illegible].5
WSW	1.[illegible]	2.4	[illegible].2	.[illegible]	.1							6.[illegible]	6.8
W	[illegible].1	[illegible].3	[illegible].5	3.4	.6							19.[illegible]	[illegible].5
WNW	1.[illegible]	[illegible].2	4.[illegible]	4.[illegible]	.9							14.[illegible]	[illegible].5
NW	1.[illegible]	[illegible].4	[illegible].[illegible]	1.[illegible]	.[illegible]							10.[illegible]	7.5
NNW	1.[illegible]	2.[illegible]	[illegible].4	1.1								[illegible].4	7.1
VARBL													
CALM												[illegible].9	
	17.[illegible]	30.9	[illegible].5	15.[illegible]	[illegible].1							170.[illegible]	6.5

TOTAL NUMBER OF OBSERVATIONS 14[illegible]8

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND | 74-79 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL WEATHE
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		7.4	.6									3.	5.2
NNE		.9	1.2									1.	7.2
NE	.9											.9	7.2
ENE			1.7									1.7	5.9
E	.9	1.2	.3									2.	4.5
ESE	1.2	.3										1.	3.0
SE	1.7	1.2	1.									4.	5.7
SSE	2.1	1.2	.6									4.	3.8
S	.9	1.2	1.2									3.	5.8
SSW	.4	.6	1.2									4.	4.6
SW	.9		.6									3.	3.5
WSW	.3	1.2	2.6	.6								5.	7.4
W	2.7	2.4	6.5	3.4								17.7	7.5
WNW	1.8	2.4	6.	1.2								14.	7.2
NW	1.	4.7	4.6	2.4								13.	6.5
NNW	1.2	1.2	1.2	.3								3.	.6
VARBL													
CALM												11.	
	22.	26.	31.	8.3								100.	5.5

TOTAL NUMBER OF OBSERVATIONS 168

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND | 74-75 | [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	[illegible]								[illegible]	6.5
NNE		[illegible]										[illegible]	6.0
NE			[illegible]									[illegible]	6.1
ENE	[illegible]		[illegible]									1.2	5.0
E	[illegible]	[illegible]										1.2	4.3
ESE	1.2	1.[illegible]	1.2									4.[illegible]	5.3
SE	[illegible]	1.3	[illegible]									4.[illegible]	3.6
SSE	[illegible]	[illegible]	[illegible]									3.[illegible]	4.2
S	1.[illegible]	2.4	1.2									5.4	4.7
SSW	[illegible]	1.2	1.2									[illegible]	5.6
SW	[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	7.2
WSW	1.3	2.4	1.[illegible]	[illegible]								6.[illegible]	6.3
W	[illegible]	6.[illegible]	[illegible].4	2.4								14.3	7.6
WNW	2.[illegible]	2.4	6.5	[illegible]	.6							12.[illegible]	7.5
NW	[illegible]	[illegible]	2.4	[illegible]	.6							12.[illegible]	7.3
NNW	1.[illegible]	4.[illegible]	1.8	1.2								[illegible]	6.4
VARBL													
CALM												14.[illegible]	
	1[illegible].6	2[illegible].2	2[illegible].2	8.9	1.2							1[illegible]0.[illegible]	5.5

TOTAL NUMBER OF OBSERVATIONS 15[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 74-79 MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	1.7	[illegible]								[illegible]	7.8
NNE	[illegible]											1.[illegible]	[illegible]
NE		[illegible]	[illegible]									1.[illegible]	7.5
ENE	[illegible]		[illegible]									1.[illegible]	[illegible]
E	[illegible]	1.[illegible]		1.2								[illegible]	7.[illegible]
ESE	1.2	1.[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]			[illegible]								1.[illegible]	[illegible]
SSE	[illegible]	2.[illegible]	1.[illegible]									[illegible]	5.4
S	1.[illegible]	[illegible]	.6									7.[illegible]	[illegible]
SSW													
SW	[illegible]	1.2	.6									[illegible]	[illegible]
WSW		[illegible]	[illegible]			[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	7.7	[illegible]	1.2							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	2.4								13.[illegible]	7.5
NW	[illegible]	4.1	[illegible]	1.[illegible]								[illegible]	7.[illegible]
NNW	[illegible]	1.[illegible]	2.4	1.2								[illegible]	[illegible]
VARBL													
CALM												7.[illegible]	
	1[illegible].7	3[illegible].[illegible]	3[illegible].3	11.3	1.2	[illegible]						1[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS 1[illegible],[illegible]

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 74- MONTH

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•									1.	4.7
NNE		2.3	•									2.	5.2
NE		2.4										2.	4.3
ENE		1.										1.	4.3
E	•	2.	•	•								4.1	4.7
ESE	•	•										1.	5.5
SE	•	2.	1.2									4.	4.9
SSE	•	2.	1.									4.	5.6
S	•	3.	1.3									6.	4.
SSW	1.	1.3	1.2	•								4.	4.9
SW	1.	•										1.	3.7
WSW	•	1.	4.7	•								7.	7.
W	•	4.7	5.9	1.								12.	6.7
WNW	1.	1.2	5.1	4.								12.	7.6
NW	1.	5.	4.1	1.								12.	6.5
NNW	1.	1.2	1.2	1.								4.	7.3
VARBL													
CALM												5.	
	1 .	34.3	3 .2	1 .7								1 0.	4.

TOTAL NUMBER OF OBSERVATIONS 161

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS ALL WEATHER HOURS (L S T) 2

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 168

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] GARCIA ISLAND	74-78	FEB

CLASS: ALL WEATHER — HOURS (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	.	[illegible]	.7	.9								[illegible]	6.0
NNE	.[illegible]	1.[illegible]	.[illegible]	.1								[illegible]	[illegible]
NE	.[illegible]	.[illegible]	.4									1.[illegible]	[illegible].4
ENE	.	.[illegible]	.[illegible]	.1								1.[illegible]	.1
E	.	[illegible].[illegible]	1.	.4								4.4	5.1
ESE	.[illegible]	1.[illegible]	1.1									[illegible].[illegible]	[illegible].[illegible]
SE	1.	1.[illegible]	.[illegible]	.1								[illegible]	5.1
SSE	[illegible]	1.[illegible]	1.2									3.4	5.1
S	1.[illegible]	[illegible].[illegible]	1.[illegible]									4.[illegible]	[illegible].[illegible]
SSW	1.	1.	1.2	.[illegible]								4.[illegible]	[illegible].[illegible]
SW	1.[illegible]	1.[illegible]	.[illegible]	.1								4.	4.8
WSW	.	2.[illegible]	[illegible].	.[illegible]		.						[illegible].[illegible]	7.1
W	[illegible]	5.[illegible]	7.9	2.[illegible]	.2							15.7	7.7
WNW	1.[illegible]	[illegible].[illegible]	[illegible].1	2.[illegible]	.[illegible]							13.[illegible]	[illegible].4
NW	[illegible]	[illegible].3	3.6	2.4	.1	.[illegible]						11.[illegible]	7.8
NNW	1.[illegible]	1.[illegible]	[illegible].1	1.[illegible]	.1							[illegible].[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	1.[illegible]	33.[illegible]	31.[illegible]	11.[illegible]	.7	.1						[illegible].[illegible]	6.4

TOTAL NUMBER OF OBSERVATIONS 1348

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] GARCIA ISL[illegible] | 74-79 | MAR
STATION / STATION NAME | YEARS | MONTH

ALL SEAS
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	2.3								3.2	10.5
NNE													
NE	.[illegible]	1.1										1.9	7.3
ENE	.[illegible]	1.1										3.0	7.2
E	.	1.1	.5									2.2	5.[illegible]
ESE		[illegible].2	1.6									3.3	6.3
SE	.		1.1									4.[illegible]	3.0
SSE	[illegible].[illegible]	1.[illegible]	.5									3.[illegible]	4.7
S	.[illegible]	3.[illegible]	1.1									6.1	4.4
SSW	.[illegible]	1.6	1.1									3.2	4.6
SW		1.1	1.[illegible]	.5								3.[illegible]	[illegible].2
WSW	[illegible].1	.5	2.2	.[illegible]								4.3	7.5
W	1.1	[illegible].5	[illegible].1	2.7								12.4	7.[illegible]
WNW	.	2.2	4.[illegible]	1.6	.5							9.[illegible]	9.[illegible]
NW	.1	2.2	4.[illegible]	1.1	.5							9.[illegible]	[illegible].4
NNW	.1	2.2	1.1	1.[illegible]	.5							6.[illegible]	7.8
VARBL													
CALM												14.[illegible]	
	1[illegible].[illegible]	2[illegible].6	[illegible].6	10.3	1.6							100.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 1[illegible]5

SMOS

E
2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] GARCIA ISLAND	74-79	MAY

CLASS: ALL WEATHE
HOURS (L S T): 05

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.[illegible]	2.[illegible]	1.1	1.1								4.[illegible]	7.7
NNE	1.[illegible]											1.[illegible]	2.3
NE													
ENE	.1											1.1	2.5
E	1.[illegible]	1.[illegible]	.[illegible]									3.[illegible]	4.7
ESE	1.1	2.[illegible]	.[illegible]	.[illegible]								4.[illegible]	6.C
SE	[illegible].2	1.1	.5									4.[illegible]	3.6
SSE	[illegible].[illegible]	1.[illegible]	1.1	.[illegible]								5.[illegible]	4.6
S	.[illegible]	[illegible].[illegible]										[illegible].[illegible]	4.4
SSW	1.[illegible]	2.[illegible]	1.6									[illegible].4	5.3
SW	.[illegible]	2.7	1.1	.[illegible]								4.[illegible]	6.1
WSW	.1	1.[illegible]	2.2									4.[illegible]	6.1
W	1.[illegible]	[illegible].[illegible]	7.[illegible]	3.2	.5							18.[illegible]	7.6
WNW	[illegible].1	1.[illegible]	1.6	1.1		.[illegible]						5.[illegible]	8.9
NW	.[illegible]	[illegible].6	4.[illegible]	2.7								11.[illegible]	3.2
NNW		[illegible].7	1.6	2.2								6.[illegible]	8.[illegible]
VARBL													
CALM												11.3	
	1.[illegible]	32.[illegible]	2[illegible].2	11.[illegible]	.5	.[illegible]						1[illegible].[illegible]	5.9

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-79	MAY

CLASS: ALL WEATHER

HOURS (L S T): 06

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	1.6	•								4.3	5.8
NNE													
NE	•	1.3	.5									2.7	5.6
ENE	•											•	1.0
E	.6	2.2	1.1	1.1								5.0	5.5
ESE	1.6	1.6	1.1	.5								4.8	5.6
SE	.7	2.2	.5									3.4	4.0
SSE	1.1	3.2	1.6	.5								6.4	5.6
S	1.2	4.3										6.5	4.2
SSW	1.6	1.6	2.7									5.4	5.4
SW	1.6	.5	1.6									3.8	5.7
WSW	.7	2.7	2.2	.5								5.9	6.1
W	.5	3.8	5.9	2.2								12.4	7.7
WNW	.5	1.6	2.7	2.7	.5							8.1	9.8
NW	.5	1.6	3.3	1.6								9.7	8.4
NNW	.5	2.2	2.2	1.6	.5							10.1	7.0
VARBL													
CALM												7.5	
	1.6	32.3	2.0	11.3	1.1							100.1	6.1

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIE[illegible] GARCIA ISLAND	74-79	MAR

CLASS: ALL WEATHE

HOURS (L S T): 11

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	2.[illegible]	[illegible].2	1.[illegible]	.5							7.[illegible]	9.1
NNE		.[illegible]	1.1									1.[illegible]	7.3
NE	.[illegible]	2.2										2.[illegible]	4.2
ENE	1.[illegible]	.[illegible]	1.[illegible]									3.2	5.[illegible]
E	[illegible].7	[illegible].2	2.7	1.1								9.7	6.1
ESE		1.[illegible]	[illegible].2									[illegible].[illegible]	6.7
SE		1.[illegible]	1.1									2.7	6.2
SSE	1.1		1.1	.[illegible]								2.7	6.6
S	.[illegible]	1.1	4.[illegible]									6.[illegible]	7.[illegible]
SSW	1.[illegible]	2.7										4.3	3.9
SW	.[illegible]	4.[illegible]	1.1									6.[illegible]	5.5
WSW	1.1	3.[illegible]	.[illegible]									[illegible].4	5.1
W	.2	[illegible].[illegible]	[illegible].6	2.7								19.4	7.1
WNW	.[illegible]	1.6	[illegible].4	3.2	1.1							11.[illegible]	[illegible].9
NW	.[illegible]	.[illegible]	1.6	4.[illegible]	.5	.[illegible]						8.[illegible]	11.7
NNW			1.6	1.6								3.2	10.5
VARBL													
CALM												1.1	
	1.[illegible]4	[illegible]3.3	34.[illegible]	14.5	[illegible].2	.[illegible]						1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] DIEGO GARCIA ISLAND — STATION NAME
YEARS: 74-79
MONTH: MAR
CLASS: ALL WEATHE
HOURS (LST): 1[illegible]
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.[illegible]	.[illegible]	2.2								4.3	9.9
NNE	.	.[illegible]	.[illegible]									1.[illegible]	6.8
NE	1.1	1.1		.[illegible]								2.7	5.8
ENE	.[illegible]	[illegible].[illegible]										4.3	4.9
E	.	1.[illegible]	[illegible].2	1.1								6.5	7.9
ESE		1.[illegible]	.[illegible]									2.2	5.5
SE		1.[illegible]	1.1									2.7	7.2
SSE	1.1	1.1	1.1	.[illegible]								3.[illegible]	6.3
S	.	1.[illegible]	1.1	.[illegible]								3.[illegible]	6.4
SSW	1.1	1.1	2.[illegible]									4.[illegible]	6.0
SW	.[illegible]	2.2	2.7									5.[illegible]	6.3
WSW	1.1	[illegible].1	1.1	1.1								11.[illegible]	5.4
W	1.[illegible]	5.[illegible]	[illegible].1	2.2								17.7	7.7
WNW	.	2.7	4.[illegible]	[illegible].[illegible]	1.1							12.[illegible]	9.4
NW	.[illegible]	.[illegible]	2.7	[illegible].[illegible]	1.6							9.1	11.1
NNW		[illegible].2	2.2	2.[illegible]								6.[illegible]	9.3
VARBL													
CALM												1.1	
	10.[illegible]	3[illegible].[illegible]	32.3	17.2	2.7							1[illegible].[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS: 136

SMOs

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-78	MAR

CLASS: ALL WEATHE
HOURS (L S T): 17
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.1	.[illegible]	.[illegible]								2.[illegible]	6.6
NNE	.[illegible]	1.1	.[illegible]									2.[illegible]	5.6
NE	1.1											1.1	2.5
ENE	1.1	2.[illegible]										[illegible]	4.3
E	1.1	3.[illegible]	1.6	.[illegible]								7.[illegible]	5.1
ESE	.[illegible]	2.7	1.1									4.3	5.5
SE		1.[illegible]	.[illegible]	.[illegible]								2.[illegible]	7.2
SSE	.	2.2										2.7	4.[illegible]
S	1.1	3.[illegible]	1.1									5.[illegible]	5.4
SSW	1.[illegible]	1.6	2.7									6.[illegible]	5.8
SW	.[illegible]	3.[illegible]	1.6									[illegible].[illegible]	4.9
WSW	.[illegible]	3.[illegible]	2.[illegible]	1.1								7.[illegible]	7.1
W	1.1	4.3	5.[illegible]	2.7	.5							14.[illegible]	[illegible].[illegible]
WNW	.[illegible]	2.[illegible]	5.4	3.2	.5	.[illegible]						12.[illegible]	10.1
NW	1.1	.5	5.4	2.7	1.1							10.[illegible]	10.2
NNW		1.[illegible]	.5	1.6								5.[illegible]	10.1
VARBL													
CALM												[illegible].[illegible]	
	1.[illegible]	36.[illegible]	29.[illegible]	15.1	2.2	.						1[illegible].[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]6

SMOS

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2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] DIEGO GARCIA ISLAND 74-79 YEARS [illegible] MONTH

ALL WEATHER CLASS [illegible] HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.[illegible]	[illegible]									[illegible]	[illegible]
NNE	.											.	[illegible]
NE		.1										.1	.5
ENE	.	1.[illegible]	.[illegible]									2.[illegible]	4.[illegible]
E	1.[illegible]	1.[illegible]	1.1	.								4.	[illegible].[illegible]
ESE	.[illegible]	2.7	1.1									4.[illegible]	5.9
SE	.[illegible]	2.[illegible]										4.[illegible]	1.6
SSE	.	1.[illegible]	1.1									.	.[illegible]
S	[illegible].[illegible]	5.[illegible]	1.1									[illegible].[illegible]	4.[illegible]
SSW	.1	2.[illegible]	1.1									4.	4.[illegible]
SW	.	.[illegible]	1.1	.[illegible]								[illegible].[illegible]	[illegible].[illegible]
WSW	1.1	2.7	1.6									[illegible].[illegible]	[illegible].8
W	1.1	4.[illegible]	.1	2.[illegible]	1.1							17.[illegible]	[illegible].[illegible]
WNW	.[illegible]	1.1	[illegible].[illegible]	3.[illegible]	.[illegible]							11.[illegible]	.6
NW	.	2.[illegible]	4.[illegible]	1.[illegible]	.[illegible]							[illegible].[illegible]	.4
NNW		1.1	[illegible].[illegible]	.[illegible]								3.	7.[illegible]
VARBL													
CALM												11.	
	1[illegible].[illegible]	31.7	31.2	[illegible].[illegible]	[illegible].2							1[illegible].	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	[illegible]	[illegible]	.	.							[illegible]	[illegible]
NNE	.			1.1								1.[illegible]	[illegible]
NE	.	.										1.1	2.5
ENE		1.1										1.1	4.
E		1.	1.[illegible]									[illegible]	[illegible]
ESE	.	1.1	1.1	.								3.[illegible]	5.7
SE	.	2.[illegible]										7.[illegible]	4.5
SSE	.	2.[illegible]	1.1									[illegible]	4.4
S	.	2.[illegible]	.[illegible]									[illegible]	[illegible]
SSW	.	2.[illegible]	.[illegible]									[illegible]	[illegible]
SW	.	2.[illegible]										[illegible]	3.
WSW		[illegible]	1.[illegible]	1.1								[illegible]	7.1
W	.	7.	[illegible]	[illegible]								15.1	7.[illegible]
WNW	.	1.[illegible]	2.7	3.[illegible]	.5							[illegible]	[illegible]
NW	1.1	2.[illegible]	[illegible]	1.1	.5							7.	[illegible]
NNW	.1	1.1	[illegible]	2.[illegible]								7.	9.2
VARBL													
CALM												[illegible]	
	[illegible]	34.4	[illegible]	11.[illegible]	1.6							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

H-2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1•	1•1	1•1	•1							4•4	•1
NNE	•	•	•	•1								1•1	5•7
NE	•	•	•1	•1								1•	4•5
ENE	•	1•1	•									2•	4•2
E	•2	2•1	1•1	•1								3•4	6•2
ESE	•	2•	1•1	•								3•	6•2
SE	•1	1•	•	•1								4•	5•1
SSE	1•1	1•1	•9	•1								4•1	5•1
S	•1	1•4	1•2	•1								6•	4•9
SSW	1•1	2•1	1•1									4•	5•2
SW	1•1	2•2	1•1	•2								4•	5•7
WSW	•	•2	1•1	•								3•1	5•3
W	1•	5•6	7•1	2•4	•7							16•7	7•7
WNW	•	1•	4•1	2•2	•6	•1						10•1	7•4
NW	•1	1•1	5•	2•1	•6	•1						9•	9•3
NNW	•1	1•1	1•1	2•	•1							5•	8•5
VARBL													
CALM												7•1	
	4•1	33•1	29•4	17•4	1•7	•1						100•	6•4

TOTAL NUMBER OF OBSERVATIONS 1457

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				1.1								1.1	14.7
NNE	.											.	
NE													
ENE		.	.	.								.	
E	.	1.1											
ESE	.1	.		.									
SE	.1	.1											
SSE	.1												
S	.1			.									
SSW	1.1	1.	.										
SW			1.										
WSW	.		.										
W	.1	1.1		1.1		.							
WNW	.	.	.	1.									
NW	.1			1.1									7.
NNW		.		.	.							1.	11.
VARBL													
CALM													
	.1.1	31.		3.4	.6	.							

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 74-79 MONTH _____

CLASS ALL WEATHER HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE												2.1	4.5
NE													
ENE		1.7											
E				1.1									4.1
ESE													
SE				1.7								13.	7.7
SSE		1	1	1.1								13.	6.6
S		7										11.7	6.3
SSW		1											5.5
SW			1										7.4
WSW			1.7	1.1									7.7
W	1		1.7										5.7
WNW				1.7									12.
NW					1							1.7	12.3
NNW				1.7									12.3
VARBL													
CALM												1	
	1.7	11.1	11.	17.	1							1	6.

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	74-76	AP

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 11

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	.5	1.1								2.8	8.2
NNE			.5									.5	10.5
NE	.											.	5.0
ENE	.	1.7	.									2.1	4.3
E	.1	4.6	.7	.5								11.1	6.5
ESE	.1	4.5	5.7	7.5								17.8	7.5
SE	1.7	1.7	3.	1.1								7.6	7.1
SSE	1.7	3.7	4.1	3.5								13.1	7.7
S	.	4.4	5.1	.7								11.1	7.7
SSW	.1	1.2	1.1									2.5	5.3
SW	.1	.	1.7									2.1	6.2
WSW	.5	2.1	1.7	.2								4.7	5.7
W		1.1	.5	1.1								2.	5.5
WNW	.		.7	1.1								1.9	6.3
NW			.1	.								1.2	11.0
NNW	.1	.	.5	1.1								1.7	7.8
VARBL													
CALM												2.	
	1 .1	31.1	41.1	12.3								100.	6.9

TOTAL NUMBER OF OBSERVATIONS: 132

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	1.1	.								3.7	7.7
NNE		1.1										1.1	6.7
NE	.	.7										1.1	4.3
ENE	.	1.1										1.7	4.7
E	.	5.	.7	.7								11.	6.4
ESE	.	1.7	7.4	2.								14.	5.0
SE		1.7	4.4	2.								8.	.9
SSE	.7	1.7	7.0	3.3								12.	.7
S	.7	7.3	.1									10.	7.1
SSW	.	7.	1.7									9.	4.5
SW	.	.7	1.1									.	5.6
WSW		.	7.0	.7								8.7	7.1
W		.7	1.7	3.7								.	12.2
WNW	.7	.7	1.1	.7	.6							.	.2
NW	.7	1.1		.7								.	5.5
NNW	1.1			1.1								2.7	.9
VARBL													
CALM												7.	
	11.1	30.	4	15.6	.6							100.7	7.3

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] ISLAND	74-79	APR

CLASS: ALL WEATHER

HOURS (L S T): 17

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.[illegible]		.[illegible]								[illegible].[illegible]	4.3
NNE		.[illegible]										.[illegible]	[illegible].[illegible]
NE		.[illegible]										.[illegible]	[illegible].[illegible]
ENE		.[illegible]	1.1									1.[illegible]	[illegible].3
E	1.[illegible]	3.3	[illegible].[illegible]	.[illegible]								[illegible].3	[illegible].3
ESE	1.[illegible]	[illegible].3	[illegible].6									10.[illegible]	6.4
SE	.[illegible]	[illegible].4	7.[illegible]	1.1								13.[illegible]	7.3
SSE	1.1	3.3	[illegible].7									11.1	7.4
S	.[illegible]	[illegible].[illegible]	[illegible].7		.6							14.[illegible]	6.7
SSW	.[illegible]	5.6	1.1									[illegible].9	4.4
SW		[illegible].[illegible]	[illegible].[illegible]									[illegible].[illegible]	[illegible].[illegible]
WSW	1.1	2.[illegible]	1.1									[illegible].[illegible]	[illegible].1
W	1.1	1.1	1.[illegible]	2.[illegible]								[illegible].7	[illegible].3
WNW		1.1		1.1								2.[illegible]	[illegible].6
NW	.[illegible]		.[illegible]	.[illegible]								1.[illegible]	7.[illegible]
NNW			.[illegible]	1.[illegible]								1.[illegible]	11.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	1[illegible].3	36.1	37.2	7.[illegible]	.6							1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS: 18[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible] YEARS: 74-79 MONTH: APR

CLASS: ALL WEATHE 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
NNE													
NE													
ENE	.											2.	2.5
E	2.2	2.[illegible]	2.2	1.1								8.7	4.[illegible]
ESE	[illegible].[illegible]	4.4	3.2	1.1								13.[illegible]	5.[illegible]
SE	.[illegible]	7.[illegible]	[illegible].6		.6							19.9	5.5
SSE	.1	3.3	2.2									11.7	4.3
S	2.2	5.[illegible]	2.[illegible]									11.[illegible]	5.2
SSW	.[illegible]	1.7	.[illegible]									2.[illegible]	3.[illegible]
SW	.1	1.1	1.7									3.[illegible]	5.1
WSW		.[illegible]	2.2									2.	7.6
W	.	2.2	1.[illegible]	1.7								[illegible].1	7.[illegible]
WNW	.1			.[illegible]								1.[illegible]	5.[illegible]
NW		1.1										1.1	4.5
NNW	.	1.1	1.7	1.7								5.	[illegible].[illegible]
VARBL													
CALM												10.	
	2[illegible].2	31.1	24.4	5.1	.6							1[illegible].[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-79	APR

CLASS: ALL WEATHER

HOURS (L S T): 24

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										1.1	3.5
NNE	.4											.4	1.5
NE		.4	.3									1.1	5.0
ENE		1.2										1.7	4.7
E	1.1	2.3	1.7	1.1	.8							6.7	7.9
ESE	.4	2.3	2.3	1.1								15.6	5.7
SE	3.4	3.8	3.7	1.1								12.2	5.5
SSE	3.8	6.4	2.8									16.1	5.0
S	3.4	3.8	1.7	.8								10.4	4.9
SSW	1.1	1.7	.6									3.3	4.7
SW	.4	1.1	.4									1.9	3.5
WSW	.4	1.7	3.3	.6								6.1	7.5
W		1.7	.6	1.1								3.3	7.5
WNW	.4		1.1	.4								1.9	5.2
NW	.1		.4	.4								2.1	7.0
NNW			1.1	.4	.6							2.1	12.0
VARBL													
CALM												13.7	
	22.3	33.3	22.3	7.3	1.1							100.	5.7

TOTAL NUMBER OF OBSERVATIONS 182

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / [illegible] STATION — [illegible] DIEGO GARCIA ISLAND STATION NAME — 74-79 YEARS — SEP MONTH

ALL WEATHER CLASS — ALL HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.4	.5								1.1	4.7
NNE	.1	.2	.2									.5	5.2
NE	.1	.3	.1	.1								.6	5.4
ENE	.3	1.2	.5	.1	.1							2.3	5.6
E	1.0	2.1	2.2	.6	.1							6.1	5.5
ESE	.1	4.1	4.9	1.0								11.1	6.6
SE	.1	4.4	4.7	1.4	.1							13.4	6.3
SSE	.1	5.1	4.9	.3								13.7	6.2
S	.1	4.0	3.7	.2	.1							10.9	5.9
SSW	.2	2.4	1.2									4.1	5.3
SW	.1	1.1	1.3	.1								3.7	5.3
WSW	.0	2.2	1.1	.2								3.1	4.4
W	.0	1.7	1.5	1.7		.1						5.4	8.1
WNW	.0	.2	.4	1.1	.1							2.7	9.2
NW	.0	.2	.2	.6	.1							2.1	7.8
NNW	.0	.1	.6	1.1	.1							2.1	7.8
VARBL													
CALM												9.8	
	1.1	32.7	30.2	7.7	.6	.1						100.2	5.9

TOTAL NUMBER OF OBSERVATIONS 1440

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-[illegible]	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.1	.5	.5									2.[illegible]	4.6
NE		.6		.3								1.1	5.5
ENE	.[illegible]	.6	.5									1.[illegible]	5.0
E		[illegible].[illegible]	[illegible].[illegible]	1.3								7.	7.9
ESE	.	[illegible].[illegible]	1[illegible].8	1.1								21.	7.3
SE	.1	[illegible].[illegible]	11.5	1.6								[illegible]7.4	6.[illegible]
SSE	[illegible].	[illegible].1	[illegible].4	1.6								[illegible]2.[illegible]	5.5
S	[illegible].7	7.[illegible]	1.1									10.[illegible]	4.6
SSW	.[illegible]	.6	.[illegible]									1.[illegible]	[illegible].3
SW													
WSW			.									.	7.[illegible]
W		.[illegible]										.[illegible]	4.[illegible]
WNW													
NW													
NNW													
VARBL													
CALM												[illegible].[illegible]	
	27.7	32.5	33.3	6.5								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION | [illegible] DIEGO GARCIA ISLAND / STATION NAME | 74-79 / YEARS | MAY / MONTH

ALL WEATHE / CLASS

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		•										•	4.[illegible]
NNE		•										•	5.[illegible]
NE													
ENE	•	•										1.1	5.8
E	[illegible]	2.7	[illegible].2	1.[illegible]								5.7	7.[illegible]
ESE	[illegible].7	6.[illegible]	1.8	2.3								23.[illegible]	6.[illegible]
SE	•	7.	11.[illegible]	2.[illegible]								[illegible]6.[illegible]	6.8
SSE	.4	8.8	4.[illegible]	1.1								19.[illegible]	5.4
S	1.[illegible]	[illegible].4	1.6	.[illegible]								9.1	[illegible].6
SSW	•	[illegible].7	.[illegible]									3.[illegible]	4.[illegible]
SW													
WSW													
W		•										•	4.[illegible]
WNW													
NW	[illegible].1											1.1	2.[illegible]
NNW													
VARBL													
CALM												[illegible].	
	21.[illegible]	34.[illegible]	32.3	7.[illegible]								1[illegible]0.[illegible]	5.[illegible]

TOTAL NUMBER OF OBSERVATIONS 1[illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | [illegible] GARCIA ISLAND (STATION NAME) | 74-79 (YEARS) | MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	•	•	•									1.	4.3
NE		•										•	5.0
ENE		•	•									1.	7.0
E		2.7	[illegible]									5.	6.9
ESE	1.	[illegible]	1[illegible]	1.1								19.4	7.4
SE	[illegible]	[illegible]	1 .1	6.[illegible]								[illegible]	[illegible]
SSE	1.1	.1	.[illegible]	2.2								15.[illegible]	7.1
S	1.	[illegible]	.2	1.1								11.[illegible]	[illegible]
SSW	1.1	1.	1.1									[illegible]	4.7
SW		•										•	4.0
WSW													
W		•										•	[illegible]
WNW													
NW													
NNW													
VARBL													
CALM												[illegible]	
	[illegible].1	35.5	43.5	10.[illegible]								100.[illegible]	7.0

TOTAL NUMBER OF OBSERVATIONS 126

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] DIEGO GARCIA ISLAND 74-79 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 11
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	.1	.	.	.								2.[illegible]	5.4
ENE	.	1.[illegible]										2.[illegible]	7.[illegible]
E	.1	3.[illegible]	5.4	1.1								10.[illegible]	7.[illegible]
ESE		4.3	1.7	3.1	.5							22.6	9.7
SE		3.[illegible]	[illegible].6	6.5	.5							11.[illegible]	9.4
SSE	1.1	3.[illegible]	17.4	5.9								28.[illegible]	8.8
S	.[illegible]	3.[illegible]	7.[illegible]									11.[illegible]	7.2
SSW	.1	1.1	3.[illegible]									[illegible].4	6.3
SW		.[illegible]	.[illegible]									1.1	[illegible].5
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.	
	.4	22.[illegible]	47.9	22.[illegible]	1.1							170.[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]5

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		•										•	•
NE	•	1.1										1.	.5
ENE	•		•									1.	•
E	•	2.7	7.	1.	.5							12.	4
ESE		4.	1.4	7.								2.	3
SE		6.	2.	7.	.5							16.	4.4
SSE		.4	1.2	4.								1.	3
S	.1	3.7	.6									1.	2.7
SSW		2.7	1.5									4.	5.1
SW	•	1.1	•									.	1.
WSW													
W													
WNW	•											•	•
NW													
NNW													
VARBL													
CALM												•	
	1.	30.	41.4	12.	1.1							1 E.	3.3

TOTAL NUMBER OF OBSERVATIONS 1 .

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

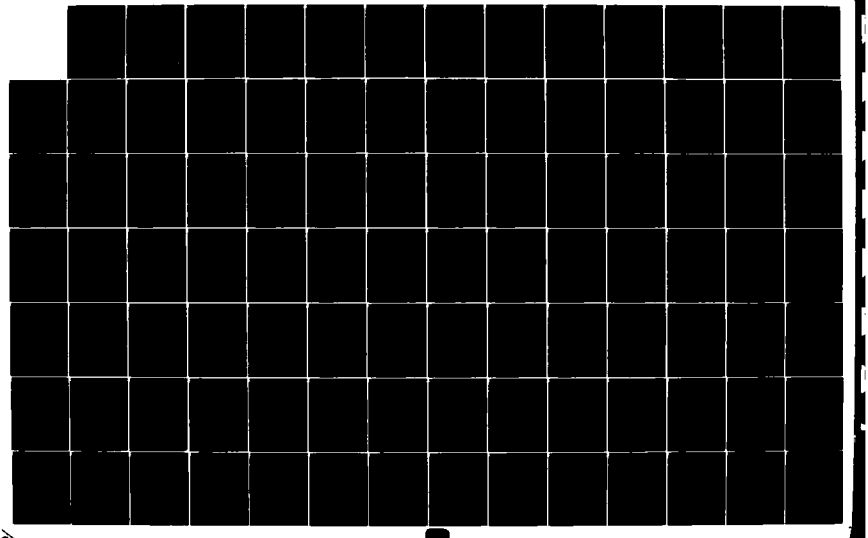
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				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

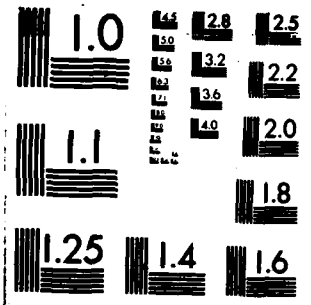
TOTAL NUMBER OF OBSERVATIONS _____

SMOS

AD A150 397 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) DIEGO GARCIA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC MAR 84 2/4

UNCLASSIFIED F/G 4/2 NL





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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7771 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 21 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.5										.5	5.0
NE													
ENE	.5	.5										1.1	4.5
E	1.6	2.2	4.3	1.6								9.7	7.4
ESE	3.8	6.5	13.2	3.2								23.7	7.1
SE	9.9	11.8	12.9	1.6								32.3	6.3
SSE	4.3	5.9	3.8	1.1								15.1	5.5
S	1.1	3.8	3.2									8.1	6.1
SSW	.5	.5	.5									1.6	5.7
SW			.5									.5	8.0
WSW													
W	.5											.5	2.0
WNW													
NW													
NNW		.5										.5	5.0
VARBL													
CALM												6.5	
	12.3	32.3	35.5	7.5								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 126

SMOS

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2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7F1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) MAY (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	.1										.1	3.5
NNE	.2	.5	.1									.8	4.8
NE	.2	.4	.1	.1								.9	6.2
ENE	.4	.7	.4	.1								1.6	5.3
E	.9	2.9	4.4	1.0	.1							9.2	7.3
ESE	2.0	5.6	11.3	3.4	.1							22.4	7.9
SE	3.4	7.5	11.0	4.4	.1							26.4	7.4
SSE	2.2	7.3	7.9	2.2	.1							20.6	6.7
S	1.3	4.7	4.4	.2								10.6	6.2
SSW	.7	1.4	1.2									3.3	5.6
SW	.1	.3	.2									.6	5.8
WSW	.1		.1									.3	4.8
W	.1	.2										.3	3.4
WNW	.1											.1	3.0
NW	.1											.1	2.5
NNW		.1										.1	5.0
VARBL													
CALM												2.6	
	13.9	31.7	41.1	11.5	.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 1498

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 3 | DIEGO GARCIA ISLAND | 74-79 | JUN
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 02
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		.6										.6	4.0
NNE													
NE													
ENE	.6											.6	2.0
E	1.1	2.2	2.8	2.2								8.3	7.9
ESE	7.2	6.7	12.8	7.8	.6							30.0	9.0
SE	3.9	9.4	13.9	4.4								31.7	7.2
SSE	5.0	3.3	7.2	1.7								17.2	6.6
S	.6	1.1	1.7									3.3	7.3
SSW		.6		.6								1.1	8.5
SW													
WSW	.6		.6									1.1	5.5
W		.6	.6									1.1	7.0
WNW													
NW													
NNW		.6										.6	4.0
VARBL													
CALM												4.4	
	13.0	25.0	39.4	16.7	.6							100.2	7.3

TOTAL NUMBER OF OBSERVATIONS 180

SMOS



2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 2 1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUN (MONTH)

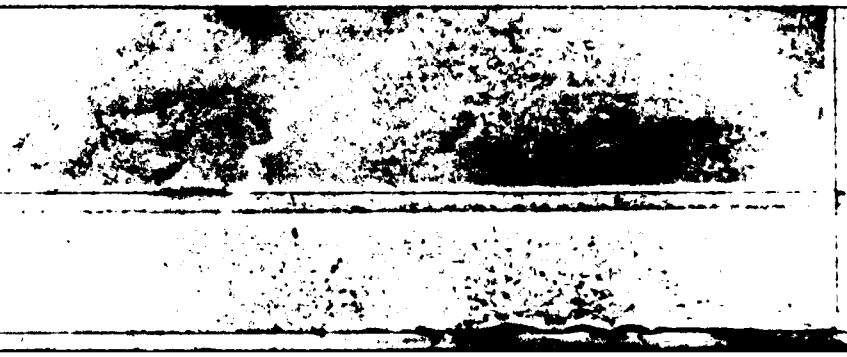
ALL WEATHER (CLASS) 05 (HOURS (L.S.T.))

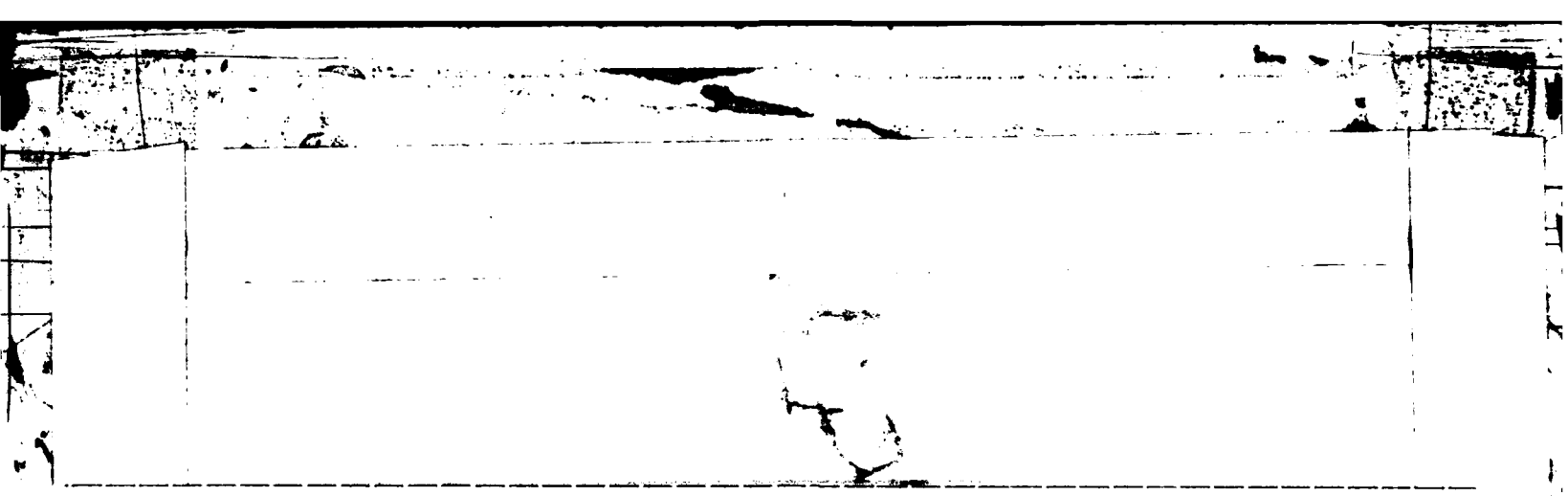
(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	.6	3.4	2.2	3.4								9.5	8.1
ESE	2.2	5.1	8.4	7.3								24.0	8.5
SE	5.6	11.7	11.7	6.7	.6							36.3	7.2
SSE	2.7	6.1	3.9	1.7								18.4	5.5
S	1.7	1.7	2.2	1.1								6.7	6.8
SSW													
SW		.6										.6	6.0
WSW			.6	.6								1.1	9.5
W		.6										.6	6.0
WNW													
NW													
NNW													
VARBL													
CALM												2.2	
	16.5	30.2	29.1	20.7	.6							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 179

C SMOS





NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

/ 7?1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

08 (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													
NNE													
NE		1.1										1.1	5.0
ENE	.6	.6		.6								1.7	7.0
E		1.1	3.9	1.1								6.1	8.6
ESE	1.7	7.8	12.2	12.2								33.9	9.0
SE	1.4	5.6	15.0	8.9								33.9	8.2
SSE	.3	2.8	5.6	1.7								13.3	6.8
S	1.7	.6	2.2	1.1								5.6	6.5
SSW	.6	1.1										1.7	4.0
SW			.6									.6	9.0
WSW			.6									.6	7.0
W	.6		.6									1.1	5.5
WNW		.6										.6	6.0
NW													
NNW													
VARBL													
CALM												.3	
	12.8	21.1	40.6	25.6								100.2	8.1

TOTAL NUMBER OF OBSERVATIONS 180

5605





2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7[illegible]1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 11 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.6											.6	3.0
NE													
ENE	.6	.6										1.1	3.5
E		4.4	5.0	2.2								11.7	8.2
ESE	1.1	3.9	17.2	13.9	1.1							37.2	10.0
SE	.6	2.8	10.0	11.1	1.7							26.1	10.9
SSE		1.1	6.1	3.9								11.1	10.1
S	.6	1.7	5.0	.6								7.8	7.9
SSW		1.7	.6									2.2	5.5
SW			.6									.6	8.0
WSW			.6									.6	10.0
W			.6									.6	9.0
WNW			.6									.6	8.0
NW													
NNW													
VARBL													
CALM												.0	
	3.3	16.1	46.1	31.7	2.8							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 180

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 1	DIEGO GARCIA ISLAND	74-79	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.5											.1	1.0
NE		.5										.5	4.0
ENE	.6	.5	.6									1.7	5.3
E	.6	2.2	3.9	2.2								8.9	8.3
ESE	1.7	5.6	16.7	11.1	2.2							37.3	10.2
SE		1.1	17.6	2.8	.6							21.7	10.9
SSE	.5	2.8	5.6	3.9								12.9	9.2
S	1.1	4.4	4.4	2.2								12.3	7.6
SSW	.5	1.7										2.3	5.0
SW													
WSW		.5										.5	5.0
W		.5	.6									1.1	7.5
WNW			.6									.6	9.0
NW													
NNW													
VARBL													
CALM												.5	
	5.6	20.0	42.8	28.9	2.8							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 180

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 1 (STATION) | DIEGO GARCIA ISLAND (STATION NAME) | 74-79 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 17 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.5											.5	3.0
NE	.6											.6	2.0
ENE													
E	.6	1.1	3.9	2.8								8.4	9.1
ESE	.6	5.6	16.7	9.4	.6							32.8	9.6
SE		6.1	12.2	10.0	.6							28.9	9.3
SSE	1.1	3.9	8.3	3.3								16.7	7.9
S	1.1	2.2	4.4	1.1								8.9	7.0
SSW	.5		.6									1.1	4.5
SW		.6										.6	6.0
WSW													
W		.6	1.1									1.7	8.3
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	3.0	20.0	47.2	26.7	1.1							100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 180

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIE G GARCIA ISLAND	74-79	JUN

CLASS: ALL WEATHE[illegible]

HOURS (L.S.T.): 20

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		.5										.5	4.0
ENE													
E	.8	1.1	1.1	.6								3.3	7.2
ESE	2.[illegible]	7.2	16.1	6.1								32.[illegible]	[illegible].2
SE	4.4	10.6	14.4	6.1	.6							36.1	7.7
SSE	[illegible].2	6.7	5.[illegible]	2.2								16.1	6.3
S	1.1	1.1	4.4									6.7	6.6
SSW	.[illegible]											.[illegible]	[illegible].0
SW													
WSW													
W	1.1	.5	.6									2.2	5.3
WNW	.5											.5	2.0
NW													
NNW													
VARBL													
CALM												1.[illegible]	
	13.3	27.8	41.7	15.0	.6							1[illegible].[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUN (MONTH)

ALL WEATHE (CLASS) 23 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE			•									•	13.0
E		1.7	1.7	2.2								5.6	5.7
ESE	1.1	7.8	12.2	8.9	.6							30.6	7.1
SE	.7	12.2	13.3	5.6								31.8	6.9
SSE	.6	3.6	3.6	1.1								12.9	7.3
S	2.2	3.9	1.7		.6							8.3	6.0
SSW			.6									.6	10.0
SW													
WSW	.6											.6	2.0
W			.6									.6	3.5
WNW			.6									.6	7.0
NW													
NNW													
VARBL													
CALM												2.7	
	11.1	31.1	38.7	17.8	.1							100.1	7.5

TOTAL NUMBER OF OBSERVATIONS 180

SMOS

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2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-79	JUN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

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	4.0
NNE	.3											.3	2.3
NE	.1	.3										.7	4.3
ENE	.7	.2	.1	.1								.7	3.5
E	.4	2.2	3.1	2.1								7.7	5.4
ESE	1.7	6.3	14.[illegible]	9.6	.6							32.[illegible]	9.3
SE	.3	7.4	12.6	7.8	.5							31.[illegible]	8.3
SSE	2.6	4.[illegible]	5.9	2.4								14.[illegible]	7.3
S	1.[illegible]	2.1	3.3	.[illegible]	.1							7.4	7.[illegible]
SSW	.7	.6	.2	.1								1.2	5.5
SW		.1	.1									.3	7.3
WSW	.1	.1	.[illegible]	.1								.[illegible]	6.9
W	.3	.3	.6									1.1	6.8
WNW	.1	.1	.2									.3	6.2
NW													
NNW		.1										.1	4.0
VARBL													
CALM												1.4	
	10.2	23.9	40.4	22.9	1.2							100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 1439

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-7[illegible]	JAN

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	•											•	[illegible]
ENE													
E		[illegible]•2	1•1	•5								3•[illegible]	[illegible]•6
ESE		2•3	10•2	6•5								19•[illegible]	[illegible]•8
SE	[illegible]•[illegible]	7•5	19•4	15•1	•5							4[illegible]•[illegible]	[illegible]•[illegible]
SSE	1•1	4•[illegible]	11•3	8•6								25•[illegible]	[illegible]•5
S		[illegible]•2	•5	[illegible]•[illegible]								[illegible]•4	•[illegible]
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		•										•[illegible]	[illegible]•[illegible]
VARBL													
CALM												•	
	4•[illegible]	1[illegible]•4	4[illegible]•5	33•[illegible]	•5							100•[illegible]	9•2

TOTAL NUMBER OF OBSERVATIONS: 1[illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-79	JUL

CLASS: ALL WEATHER

HOURS (L S T): 05

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE		.5										.7	6.0
E		.5	2.7	.5								3.2	6.8
ESE		3.2	5.9	5.4	1.1							15.6	9.8
SE	.3	7.5	20.4	11.[illegible]	.5							44.6	8.5
SSE		5.5	10.8	14.5								31.2	10.2
S			1.6	1.6	.5							3.7	12.1
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												1.1	
	.3	17.7	40.9	33.[illegible]	2.2							100.[illegible]	9.3

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 [illegible] 1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUL (MONTH)

ALL WEATHE (CLASS) 0[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	•											•[illegible]	1.[illegible]
NE													
ENE													
E		•[illegible]	2.7	•5								3.[illegible]	9.1
ESE		2.7	8.6	7.[illegible]								18.[illegible]	9.7
SE	1.6	5.4	18.[illegible]	14.5	1.1							41.4	9.9
SSE	•3	4.3	12.0	11.0	1.6							31.2	10.4
S			2.7	1.1								3.8	9.7
SSW	•[illegible]			•5								1.1	6.5
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•[illegible]	
	3.2	12.[illegible]	45.7	35.5	2.7							100.[illegible]	9.9

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	DIE G GARCIA ISLAND	74-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHE
CLASS

11
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE	•											•	3.0
E		•	2.7	1.6								4.9	9.8
ESE		1.1	12.9	7.5								21.5	10.2
SE			12.4	18.8	3.2							34.4	12.1
SSE		1.6	10.8	20.4	2.7							35.5	12.0
S		•	1.1	1.6								3.2	10.3
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	•	3.8	39.8	50.0	5.9							100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 196

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 1 (STATION) | DIEGO GARCIA ISLAND (STATION NAME) | 74-79 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.5										.5	4.0
NE													
ENE			.5									.5	7.0
E		.5	1.1	.5								2.2	9.5
ESE	.5	.5	1.8	10.8	.5							23.1	10.9
SE		.5	1.8	20.4	1.1							32.8	11.9
SSE		.5	12.4	17.2	3.2							33.3	11.9
S		1.1	3.9	1.6								6.6	9.4
SSW		.5										.5	6.0
SW													
WSW													
W													
WNW													
NW													
NNW			.5									.5	10.0
VARBL													
CALM												.5	
	.5	4.3	39.8	50.5	4.8							100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 2 (STATION) | DIEGO GARCIA ISLAND (STATION NAME) | 74-79 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 17 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE				.[illegible]								.[illegible]	12.0
ENE			.5									.[illegible]	10.0
E		1.1	2.2	1.1								4.3	9.3
ESE		.5	2.2	7.5	.5							10.[illegible]	12.3
SE		2.2	17.2	19.8								39.2	10.6
SSE		.5	17.2	20.4	1.1							39.2	11.0
S		2.2	3.2	.5								5.9	7.7
SSW		.5										.5	6.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.[illegible]	
		7.0	42.5	48.9	1.6							100.[illegible]	10.7

TOTAL NUMBER OF OBSERVATIONS 136

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

? ??1	DIEGO GARCIA ISLAND	74-79	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHE
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		.5										.?	5.0
ENE			.5									.5	10.0
E	.5	.5	1.6									2.7	6.9
ESE	.5	.5	6.5	5.4	.5							13.4	11.0
SE	.5	11.3	23.1	11.8	.5							47.?	9.8
SSE		2.7	13.4	13.4								29.5	10.4
S	.5	.5	2.7	2.2								5.?	8.9
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.?	
	2.2	15.1	47.8	32.8	1.1							100.?	9.6

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 7 [illegible]	DIE G GARCIA ISLAND	74-79	JUL

CLASS: ALL WEATHER

HOUR (L S T): 23

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		.5										.5	5.0
NE													
ENE													
E	.5	1.1	1.6									3.2	6.3
ESE	1.1	1.6	7.5	6.5	.5							17.2	9.8
SE	.5	8.1	2 .3	10.8	.5							46.2	9.0
SSE	2.2	4.3	10.8	11.8								29.0	9.4
S	.5		1.6	1.1								3.2	9.2
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.5	
	4.5	15.6	47.8	30.1	1.1							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUL (MONTH)

ALL WEATHE (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													
NNE	.1	.1										.2	3.3
NE	.1	.1		.1								.2	6.3
ENE	.1	.1	.2									.3	7.2
E	.1	.2	1.9	.6								3.5	9.5
ESE	.3	1.5	9.1	7.1	.4							17.3	10.3
SE	1.2	5.3	19.5	15.3	.9							41.3	9.9
SSE	.7	3.1	12.4	14.8	1.1							31.9	10.7
S	.1	.5	2.2	1.5	.1							4.7	9.4
SSW	.1	.1		.1								.3	6.3
SW													
WSW													
W													
WNW													
NW													
NNW		.1	.1									.1	8.0
VARBL													
CALM												.2	
	2.5	12.1	43.3	39.4	2.5							100.2	10.1

TOTAL NUMBER OF OBSERVATIONS 1488

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 1	DIEGO GARCIA ISLAND	73-78	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHE
CLASS

02
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.7										.7	4.0
NE			.5									.5	5.0
ENE													
E			3.2									3.2	5.7
ESE		2.7	9.7	5.9	.5							18.8	9.6
SE		3.1	19.4	9.7	.5							37.6	9.1
SSE	1.1	3.2	16.7	6.5								27.4	9.0
S		2.2	5.9	1.6								9.7	8.6
SSW													
SW													
WSW			.5									.5	10.0
W													
WNW													
NW													
NNW			.5									.5	5.0
VARBL													
CALM												1.1	
	1.1	16.7	54.5	23.7	1.1							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 3 (STATION) DIE O GARCIA ISLAND (STATION NAME) 73-76 (YEARS) A (MONTH)

ALL WEATHE (CLASS)

(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			•									•	10.0
NNE													
NE	•											•	2.0
ENE			1.1		.5							1.6	11.3
E		1.1	3.2	.5								4.	5.8
ESE	•	2.2	1 .	4.8	.5							18.	9.5
SE	3.7	5.9	21.	6.1								36.7	9.6
SSE	•	4	12.4	7.								25.3	8.8
S		1.6	4.8	2.2								8.6	9.2
SSW		•										•	4.0
SW													
WSW													
W													
WNW													
NW													
NNW	•											•	1.0
VARBL													
CALM												•	
	4.8	15.7	53.	23.7	1.1							100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 196

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND 73-75 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 09
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			.6									.6	10.0
NNE													
NE			1.1									1.1	7.5
ENE	.6											.6	3.0
E	.6		2.7	1.1								4.3	9.4
ESE		2.7	12.4	8.6	.5							24.2	10.1
SE	.3	4.8	17.7	10.2								33.3	9.6
SSE		2.2	11.0	10.2								23.7	10.4
S	.2	1.6	7.2	2.7								11.8	8.9
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.5	
	.2	11.3	52.2	33.3	.5							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	73-76	AUG

CLASS: ALL WEATHER

HOURS (L S T): 11

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			[illegible]									[illegible]	10.[illegible]
NNE													
NE			[illegible]	[illegible]								1.1	9.5
ENE			1.1									1.[illegible]	[illegible].[illegible]
E	[illegible]	[illegible]	4.3	[illegible].2	1.1							[illegible].[illegible]	10.[illegible]
ESE		[illegible]	.1	[illegible].6	.5							17.7	11.1
SE		1.[illegible]	[illegible].5	22.	.5							[illegible].[illegible]	12.[illegible]
SSE		[illegible]	6.5	14.[illegible]								[illegible].[illegible]	11.6
S	[illegible]	[illegible]	[illegible].1	[illegible].[illegible]								15.6	[illegible].7
SSW				[illegible]								[illegible]	14.[illegible]
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												[illegible]	
	1.1	[illegible].[illegible]	36.6	55.[illegible]	[illegible].2							[illegible].[illegible]	11.1

TOTAL NUMBER OF OBSERVATIONS: [illegible]96

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] GARCIA ISLAND | 73-78 | [illegible]
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				•								•	12.0
NNE													
NE		•										•	[illegible]
ENE	•		•									1.1	[illegible]
E		•	[illegible]	1.6								[illegible]	[illegible]
ESE		•	7.9	12.[illegible]	•							[illegible]	11.5
SE		1.1	[illegible]	2[illegible].4	1.1							[illegible]	12.1
SSE		1.1	.6	15.1	1.6							[illegible]	11.3
S		•	[illegible]	6.[illegible]								12.4	[illegible]
SSW		•	1.6									[illegible]	[illegible]
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	•	4.[illegible]	34.4	57.[illegible]	[illegible].2							100.[illegible]	11.3

TOTAL NUMBER OF OBSERVATIONS [illegible]6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] DIEGO GARCIA ISLAND	73-78	AUG

CLASS: ALL WEATHER

HOURS (L.S.T.): 2[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			[illegible]									.5	7.[illegible]
NE													
ENE													
E		1.[illegible]	1.1	2.7								[illegible].4	9.5
ESE	1.1	1.[illegible]	1[illegible].2	7.[illegible]								19.[illegible]	9.4
SE	1.1	[illegible].4	2[illegible].4	16.1	.5							43.[illegible]	9.7
SSE	1.4	3.2	[illegible].7	7.[illegible]								18.3	8.1
S		[illegible].2	6.5	1.6								11.[illegible]	5.4
SSW			.[illegible]									.[illegible]	7.3
SW													
WSW		.[illegible]										.[illegible]	5.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.[illegible]	
	[illegible].[illegible]	1[illegible].6	48.[illegible]	31.2	.5							100.[illegible]	9.1

TOTAL NUMBER OF OBSERVATIONS: 186

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: DIEGO GARCIA ISLAND | YEARS: 73-78 | MONTH: AUG

CLASS: ALL WEATHER | HOURS (L S T): 24

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE		1.1										1.1	5.0
ENE													
E			.2	1.1								3.7	10.2
ESE		4.3	.7	5.9								19.9	9.4
SE	.	7.	21.8	17.2								45.7	9.7
SSE	1.1	4.3	11.8	3.8								21.1	8.3
S		1.2	7.9	3.2								8.6	9.2
SSW													
SW													
WSW													
W													
WNW													
NW		.5										.5	5.0
NNW													
VARBL													
CALM												.2	
	1.1	18.9	46.4	31.2								100.2	9.2

TOTAL NUMBER OF OBSERVATIONS 196

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND | 73-78 | AUG
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | ALL
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	.1								.7	10.2
NNE		.1	.1									.1	5.5
NE	.1	.3	.3	.1								.7	6.4
ENE	.1		.3		.1							.7	6.1
E	.3	.7	3.1	1.3	.1							5.6	9.5
ESE	.3	2.1	6.4	7.5	.3							19.[illegible]	10.1
SE	.3	4.5	15.6	15.9	.4							37.[illegible]	10.2
SSE	.3	2.6	11.3	9.7	.2							23.[illegible]	9.7
S	.1	1.4	6.1	3.3	.1							11.[illegible]	9.6
SSW		.1	.3	.1								.5	8.0
SW													
WSW		.1	.1									.[illegible]	5.0
W													
WNW													
NW		.1										.1	5.0
NNW	.1		.1									.1	4.5
VARBL													
CALM												.[illegible]	
	2.[illegible]	11.9	47.[illegible]	37.[illegible]	1.2							100.[illegible]	9.8

TOTAL NUMBER OF OBSERVATIONS 1448

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7[illegible] DIEGO GARCIA ISLAND (STATION / STATION NAME) 73-79 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS (LST))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.5		.5								1.0	9.5
NE	.5			.5								1.0	9.0
ENE	1.4											1.4	2.5
E		2.4	1.4	.5	.5							4.3	8.0
ESE	1.4	2.4	11.4	1.4								15.7	8.2
SE	2.4	14.8	19.5	2.5								41.0	8.4
SSE	1.4	5.7	6.5	1.4								19.0	7.3
S	1.4	1.4	3.3	.9								6.6	7.2
SSW	1.4	.5	.5									1.4	4.3
SW													
WSW	.5	1.4										1.9	3.5
W		.5										.5	4.0
WNW													
NW		.5										.5	6.0
NNW		.5										.5	5.0
VARBL													
CALM												5.7	
	7.9	25.7	44.3	14.3	.5							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 210

5M08

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] | DIE GARCIA ISLAND | 73-7[illegible] | SEP
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.											.5	7.0
NNE		.	.5									1.[illegible]	5.0
NE				.								.[illegible]	12.0
ENE	1.[illegible]		.5	1.[illegible]								2.4	7.2
E	.[illegible]	1.9	1.9									4.[illegible]	6.4
ESE	1.[illegible]	2.4	5.2	1.4								10.[illegible]	8.0
SE	2.[illegible]	11.4	16.7	6.7								37.1	8.0
SSE	.[illegible]	7.2	14.9	4.3								26.1	7.6
S		1.[illegible]	3.8	1.[illegible]								5.7	8.6
SSW	.[illegible]	1.[illegible]		.5								1.[illegible]	5.5
SW		.5										.	4.0
WSW	.[illegible]	.5										1.[illegible]	4.5
W	.[illegible]	.5										1.[illegible]	4.5
WNW													
NW													
NNW		1.[illegible]										1.[illegible]	5.5
VARBL													
CALM												5.[illegible]	
	[illegible].5	26.7	43.3	15.2								100.[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 210

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] | [illegible] BARCIA ISLAND | 73-79 | SEP
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	6.0
NNE		•	•									1.0	5.5
NE		•	•									1.0	7.5
ENE	•	•		•								1.4	7.3
E	1.4	1.9	1.0	1.4								5.7	6.8
ESE		2.4	5.2	2.9								10.5	9.2
SE	•	4.3	17.6	12.9								35.7	9.4
SSE	•	7.6	12.9	7.1								29.1	8.7
S	2.4	1.9	1.3	.5	.5							6.6	6.8
SSW	.5	•	.5									1.4	5.0
SW		1.4	.5									1.9	5.8
WSW	•											•	3.0
W		1.4										1.4	7.0
WNW													
NW													
NNW		•										•	6.0
VARBL													
CALM												2.4	
	5.2	23.9	41.9	25.2	.5							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 210

5MOB

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND (STATION / STATION NAME) 73-79 (YEARS) [illegible] (MONTH)

ALL WEATHE (CLASS)

11 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]											.[illegible]	[illegible]
NNE	.[illegible]		1.[illegible]	1.[illegible]								2.4	9.4
NE	1.[illegible]											1.[illegible]	1.5
ENE	.[illegible]		.5	.[illegible]								1.4	9.[illegible]
E	1.[illegible]	3.[illegible]	1.9	1.[illegible]								7.6	6.8
ESE	.[illegible]	1.[illegible]	.7	6.7								14.[illegible]	10.3
SE	.[illegible]	.5	3.5	17.6								28.1	11.5
SSE		1.4	11.[illegible]	17.[illegible]								32.[illegible]	10.7
S	.[illegible]	2.[illegible]	5.7	3.3								12.4	8.6
SSW	.[illegible]	1.[illegible]										2.4	4.6
SW	.[illegible]	1.[illegible]		.[illegible]								1.[illegible]	7.3
WSW													
W	[illegible].[illegible]	1.4		.[illegible]								2.[illegible]	5.7
WNW				.[illegible]								.5	12.0
NW													
NNW			.[illegible]									.5	8.0
VARBL													
CALM												1.0	
	[illegible].7	13.2	[illegible].7	41.9								100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 710

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND 73-79 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHE
CLASS

14
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									.	10.0
NNE	.5	.5	.5									1.4	5.3
NE	.5			.5								1.4	6.3
ENE		.5										.5	[illegible]
E	1.9	2.4	1.9	1.9								5.7	6.3
ESE	1.9	1.9	7.1	9.5	.5							19.5	10.4
SE			10.9	14.3								25.2	11.3
SSE	.5	1.9	11.9	10.5	.5							24.3	10.7
S	1.4	3.8	6.2	3.3								14.8	8.4
SSW	.5	.5	.5									1.4	5.7
SW	.5	1.9										1.4	4.0
WSW			.5									.5	3.0
W	.5	1.4	.5									2.4	4.6
WNW		.5										.5	5.0
NW		1.9										1.9	4.0
NNW													
VARBL													
CALM												.5	
	7.1	13.3	3[illegible].0	39.0	1.0							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 210

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO-GARCIA ISLAND 72-76 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 17
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			[illegible]									[illegible]	10.0
NNE													
NE		[illegible]		[illegible]								1.[illegible]	10.0
ENE	1.[illegible]	[illegible]										1.4	8.7
E	[illegible]	1.4	1.4	1.								4.[illegible]	7.6
ESE	[illegible]	1.[illegible]	[illegible].6	3.[illegible]								14.	[illegible].[illegible]
SE	1.[illegible]	1.[illegible]	14.[illegible]	13.[illegible]								[illegible]0.[illegible]	13.1
SSE	[illegible]	[illegible].3	15.2	7.1	.5							[illegible]0.7	9.4
S	[illegible]	1.4	[illegible].7	3.[illegible]	.5							11.[illegible]	[illegible].[illegible]
SSW	[illegible]	[illegible]										1.[illegible]	[illegible].[illegible]
SW	1.[illegible]	[illegible]	[illegible]									1.[illegible]	4.3
WSW	1.[illegible]	1.[illegible]										1.[illegible]	[illegible].[illegible]
W					[illegible]							[illegible]	[illegible].[illegible]
WNW		1.4										1.4	4.7
NW			[illegible]									[illegible]	9.0
NNW													
VARBL													
CALM												1.[illegible]	
	[illegible].2	14.3	4[illegible].7	29.[illegible]	1.4							1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 21[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / UTE I GARCIA ISLAND / 77-79 / SEP
STATION / STATION NAME / YEARS / MONTH

ALL WEATHE / 20
CLASS / HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		•										•[illegible]	4.[illegible]
NE		1.[illegible]	•[illegible]									1.4	5.7
ENE				•								•[illegible]	12.[illegible]
E	•[illegible]	•[illegible]	•[illegible]	•[illegible]								1.[illegible]	[illegible].[illegible]
ESE	[illegible].[illegible]	3.3	[illegible].6	3.[illegible]								[illegible]6.7	8.5
SE	1.[illegible]	1[illegible].[illegible]	1[illegible].1	5.2	.5							[illegible]5.[illegible]	[illegible].[illegible]
SSE	1.[illegible]	3.[illegible]	14.[illegible]	5.7								25.[illegible]	8.8
S	•[illegible]	2.[illegible]	1.0	1.0								7.1	7.6
SSW	•											•[illegible]	[illegible].[illegible]
SW			•5									•5	[illegible].[illegible]
WSW			•[illegible]									•[illegible]	6.[illegible]
W		1.4										1.4	4.7
WNW				•[illegible]								•[illegible]	12.[illegible]
NW		•[illegible]										•[illegible]	[illegible].[illegible]
NNW		•	•[illegible]									1.[illegible]	7.[illegible]
VARBL													
CALM												6.7	
	[illegible].[illegible]	24.8	4[illegible].2	1[illegible].1	.5							1[illegible].[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS 2[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] GARCIA ISLAND | STATION NAME | YEARS: 73-76 | MONTH: SEP

CLASS: ALL WEATHER | HOURS (L S T): 2?

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													12.0
NNE													
NE				1.[illegible]								1.	13.5
ENE			1.[illegible]	.5								1.4	.7
E	.[illegible]	1.4	1.	1.								3.	7.3
ESE	1.[illegible]	3.3	7.6	2.9								15.[illegible]	9.1
SE	4.	9.5	27.3	6.7								44.[illegible]	7.6
SSE	1.	2.9	11.4	3.3								18.[illegible]	8.5
S	.[illegible]	1.4	1.[illegible]	1.[illegible]								3.	7.1
SSW		1.[illegible]										1.[illegible]	5.0
SW		.[illegible]										.[illegible]	4.[illegible]
WSW		.[illegible]		.[illegible]								1.[illegible]	.5
W		.[illegible]										.[illegible]	4.[illegible]
WNW		.[illegible]										.	.[illegible]
NW	.[illegible]	.[illegible]										1.	4.5
NNW			.									.	7.[illegible]
VARBL													
CALM												5.[illegible]	
	[illegible].[illegible]	22.4	45.7	17.1								100.[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS: 2[illegible]3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] GARCIA ISLAND STATION NAME | 73-79 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	.1	.1	.1	.1								.4	7.3
NNE	.1	.4	.3	.2								1.0	7.3
NE	.2	.2	.1	.4								1.0	7.7
ENE	.	.3	.2	.4								1.0	.7
E	.2	2.	1.2	.3	.1							4.2	7.1
ESE	.	2.2	3.5	4.1	.1							14.6	7.1
SE	3.2	6.2	12.1	12.2	.1							34.6	7.1
SSE	1.2	4.2	12.7	5.2	.1							24.1	9.6
S	.	2.1	3.2	1.2	.1							6.	8.2
SSW	.1	.7	.2	.1								1.1	8.2
SW	.2	.2	.2	.1								1.1	.4
WSW	.2	.3	.1	.1								.7	4.2
W	.2	.2	.1	.1	.1							1.2	.6
WNW		.2		.1								.4	5.2
NW	.1	.2	.1									.4	5.4
NNW		.3	.2									.6	6.4
VARBL													
CALM												2.2	
	7.2	29.6	42.2	25.1	.5							100.	6.2

TOTAL NUMBER OF OBSERVATIONS 1652

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-79 MONTH _____

CLASS ALL WEATHER HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				•								•	12.0
NNE		•										•	•
NE				•								•	12.5
ENE		•	•									1.	5.3
E	•	2.9	3.5	1.4								7.4	7.3
ESE	•	5.5	1.7	3.2								10.9	7.1
SE		7.9	14.3	3.7								25.	8.3
SSE	•	1.4	5.5	5.1	.5							12.	7.3
S	•	4.5	2.3	3.2	.5							11.	.3
SSW	•	•	1.	•								4.	7.5
SW													
WSW		1.										1.	5.3
W		•										•	.5
WNW	•	•	•		.5							2.	7.8
NW			•									•	.5
NNW													
VARBL													
CALM												5.	
	2.7	27.3	42.4	17.4	1.4							100.	7.8

TOTAL NUMBER OF OBSERVATIONS 17

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] GARCIA ISLAND	73-79	OCT

CLASS: ALL WEATHE
HOURS (L S T): 06

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]									[illegible]	[illegible]
NNE				[illegible]								[illegible]	15.0
NE	[illegible]	[illegible]										1.4	3.3
ENE	[illegible]	[illegible]	[illegible]	[illegible]								2.3	7.6
E	[illegible]	2.3	2.3	4.6								9.7	9.[illegible]
ESE		[illegible]	11.5	4.1								12.1	[illegible].4
SE		1.[illegible]	10.1	9.2								21.3	13.4
SSE	[illegible]		7.4	7.4								15.[illegible]	12.6
S	[illegible]	2.[illegible]	[illegible]	3.7								13.[illegible]	[illegible].8
SSW	[illegible]	[illegible]	1.4									2.[illegible]	[illegible].5
SW		[illegible]		[illegible]								[illegible]	[illegible].5
WSW	[illegible]	[illegible]		[illegible]								1.[illegible]	[illegible].5
W	[illegible]		[illegible]	[illegible]								3.[illegible]	[illegible].[illegible]
WNW		[illegible]	[illegible]									[illegible]	7.0
NW													
NNW	[illegible]	[illegible]		[illegible]								1.[illegible]	[illegible].3
VARBL													
CALM												1.[illegible]	
	[illegible].3	1[illegible].9	41.9	31.								100.[illegible]	[illegible].9

TOTAL NUMBER OF OBSERVATIONS: [illegible]17

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] DIEGO GARCIA ISLAND | 73-79 | [redacted]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHE
CLASS

11
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.[illegible]	13.[illegible]
NNE	•	1.4	•	•								3.[illegible]	9.3
NE	•											•	2.0
ENE		•	1.4									1.[illegible]	7.3
E	•	2.6	[illegible]	4.[illegible]								14.[illegible]	9.1
ESE		1.4	[illegible]	7.4								13.4	9.9
SE			[illegible]	11.1								17.[illegible]	11.8
SSE			[illegible]	13.4								18.9	12.1
S		1.[illegible]	[illegible]	3.[illegible]								10.[illegible]	[illegible].1
SSW	•	1.4	[illegible]	•								5.1	7.7
SW	•	•	•	•								3.2	7.9
WSW	•	•	•									1.[illegible]	5.3
W		•	•									•	6.0
WNW				•								•	16.0
NW				•								•	14.0
NNW													
VARBL													
CALM												•	
	•	11.1	41.0	44.[illegible]								100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[ ] STATION | DIE O GARCIA ISLAND STATION NAME | 73-79 YEARS | OCT MONTH

ALL WEATHE CLASS | 14 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		1.4	.9									2.3	6.4
NE		.9	.5									.9	6.0
ENE	.9	.5		.5								1.9	5.3
E	.5	2.3	4.6	1.8								9.7	8.3
ESE		2.3	5.8	13.1								21.7	10.2
SE	.5	.9	7.4	11.1	.5							20.3	10.8
SSE			5.5	8.3								17.1	11.2
S		.5	6.5	5.5								12.4	10.3
SSW	.5	.9	1.8	.5								3.7	8.0
SW		.9	.9									1.8	7.0
WSW		1.4	.9									2.3	6.9
W	.5	.9	.9									2.3	5.8
WNW				.9	.5							1.4	16.0
NW		.5										.5	6.0
NNW				.5								.5	14.0
VARBL													
CALM												1.4	
	2.8	13.9	41.9	39.2	.9							100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND — 73-79 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL DEPTHS — 17

CLASS — HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]			[illegible]							1.[illegible]	[illegible]
NNE		[illegible]		[illegible]								[illegible]	[illegible]
NE		[illegible]	[illegible]	[illegible]								1.4	[illegible]
ENE	[illegible]	1.4	.5									[illegible]	4.2
E	[illegible]	2.4	[illegible]	1.4								7.8	7.8
ESE		1.4	.9	8.3								10.[illegible]	10.3
SE		[illegible]	11.1	10.6	.5							24.[illegible]	10.0
SSE	[illegible]	3.7	[illegible]	7.4								17.[illegible]	9.7
S		[illegible]	5.1	4.6								12.4	[illegible]
SSW		.5	1.4	.5								[illegible]	[illegible]
SW	[illegible]	[illegible]	2.3									[illegible]	[illegible]
WSW			[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									1.[illegible]	[illegible]
WNW			[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]											[illegible]	1.0
NNW	1.4	.5	.5									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible].5	13.4	[illegible]	[illegible]	.9							[illegible]	9.1

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] OCRACOKE ISLAND	73-79	OCT

CLASS: ALL WEATHE — HOURS (L.S.T.): 20

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	7.0
NNE			.9	.5								1.4	9.7
NE		.5										.5	4.0
ENE	.5	.5										1.4	4.3
E	.5	2.3	5.2	2.3								9.2	8.2
ESE	1.4	3.5	11.1	2.3	.5							20.7	7.8
SE	1.4	6.5	11.1	7.8								27.2	8.7
SSE	.9	2.3	1.8	4.6								16.6	8.9
S	.5	2.3	4.6	2.3								10.1	8.1
SSW		2.3	2.3	.5								5.1	6.9
SW			.5									.5	7.0
WSW	.5		.9									1.4	6.5
W	.5	.5										.9	4.0
WNW					.5							.5	13.0
NW	.9			.5								1.4	5.7
NNW	.5	.9	.5									1.8	5.3
VARBL													
CALM												.9	
	.5	25.3	43.3	21.2	.9							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	72-79	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 2?

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	4.?
NNE				.?								.?	12.?
NE			.?									.5	?.?
ENE	.?	1.4	1.4									3.2	6.1
E	.?	.?	4.5	2.?								?.?	?.6
ESE	1.?	?.1	12.4	1.?	.5							21.7	8.0
SE	1.?	?.?	12.4	5.1								25.?	6.2
SSE	.?	?.2	.3	1.?								14.?	?.1
S	.5	4.1	4.1	1.4	.5							11.1	8.0
SSW		1.?	1.?	.5								3.7	7.8
SW	.?	.?		.?								1.4	5.?
WSW	.?	.?										.?	3.5
W	.?	.?		.5								1.4	6.0
WNW		.?		.5								.?	?.5
NW				.?								.?	14.0
NNW			.?	.?								.?	11.0
VARBL													
CALM												?.?	
	?.2	24.0	46.5	16.1	.9							1??.?	7.7

TOTAL NUMBER OF OBSERVATIONS: 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] GARCIA ISLAND	73-79	OCT

CLASS: ALL WEATHE
HOURS (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	.[illegible]	.2	.2	.3	.1							1.[illegible]	[illegible].8
NNE	.1	.[illegible]	.5	.3								1.3	7.8
NE	.[illegible]	.3	.2	.2								.9	6.3
ENE	.4	.[illegible]	.7	.1								2.1	6.0
E	.[illegible]	2.2	3.0	2.7								9.4	[illegible].5
ESE	.[illegible]	[illegible].1	1[illegible].0	5.[illegible]	.1							19.[illegible]	8.8
SE	.[illegible]	[illegible].1	1[illegible].[illegible]	8.1	.1							24.[illegible]	9.3
SSE	.[illegible]	1.5	7.5	6.6	.1							16.4	9.9
S	.[illegible]	[illegible].[illegible]	[illegible].1	3.3	.1							12.[illegible]	[illegible].8
SSW	.[illegible]	1.3	1.7	.6								4.[illegible]	7.[illegible]
SW	.[illegible]	.4	.6	.2								1.4	7.1
WSW	.[illegible]	.[illegible]	.4	.1								1.3	[illegible].3
W	.4	.6	.5	.2								1.7	6.3
WNW	.1	.3	.3	.3	.2							1.[illegible]	10.3
NW	.[illegible]	.1	.2	.[illegible]								.[illegible]	7.9
NNW	.[illegible]	.2	.2	.2								.[illegible]	5.[illegible]
VARBL													
CALM												2.1	
	[illegible].[illegible]	20.5	42.[illegible]	28.4	.6							1[illegible].[illegible]	[illegible].6

TOTAL NUMBER OF OBSERVATIONS 1776

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / DIEGO GARCIA ISLAND / 72-79 / NOV
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	.5									1.7	5.3
NNE	.4											.4	1.7
NE	.7		.9									1.6	5.0
ENE		1.0	1.0									2.4	6.2
E	1.2	4.2	1.4	.5								7.5	5.4
ESE	.2	7.6	5.2	.5								13.4	6.3
SE	4.5	10.5	7.6	.7								23.3	5.9
SSE	1.4	4.3	11.0	2.4								19.1	7.5
S	.4	2.4	1.0	.5								5.2	6.5
SSW			1.4									1.4	7.7
SW	.2	.5	.5	.5								1.9	6.8
WSW	.2		.5									1.0	6.0
W	.4	1.4	3.3	.5								5.7	7.6
WNW	1.0	1.2		.5								2.6	6.5
NW	.4	1.4	1.0	.5								4.3	6.7
NNW		1.0	1.0	.5								2.4	4.3
VARBL													
CALM												5.7	
	12.4	37.6	37.6	6.7								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 210

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] GARCIA ISLAND	73-79	NC

CLASS: ALL WEATHE

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.[illegible]	1.[illegible]									2.[illegible]	4.7
NNE	1.[illegible]			.[illegible]								1.4	6.3
NE	.[illegible]		.[illegible]									1.[illegible]	4.5
ENE	1.[illegible]	1.[illegible]	.5									3.[illegible]	4.7
E		2.[illegible]		.[illegible]								2.[illegible]	5.[illegible]
ESE	1.[illegible]	[illegible].[illegible]	5.7									13.[illegible]	5.[illegible]
SE	3.[illegible]	1[illegible].5	[illegible].6									21.4	5.9
SSE	.[illegible]	6.7	11.4	2.[illegible]								21.4	7.7
S	1.[illegible]	1.4	[illegible].[illegible]	.[illegible]								7.[illegible]	6.7
SSW		1.4	1.[illegible]									3.[illegible]	6.4
SW		1.[illegible]	1.[illegible]									2.4	6.[illegible]
WSW		.[illegible]	.[illegible]									1.[illegible]	7.[illegible]
W			.[illegible]									2.[illegible]	[illegible].3
WNW	1.[illegible]		1.4									2.[illegible]	6.2
NW	1.[illegible]	1.4	.5	1.4								4.[illegible]	7.[illegible]
NNW		1.4	.[illegible]									1.[illegible]	[illegible].[illegible]
VARBL													
CALM												6.[illegible]	
	12.4	35.7	45.0	5.7								1[illegible].[illegible]	6.1

TOTAL NUMBER OF OBSERVATIONS [illegible]10

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 72-76 (YEARS) NOV (MONTH)

ALL WEATHR (CLASS) 24 (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	.[illegible]									1.[illegible]	3.7
NNE	1.[illegible]	.[illegible]	1.[illegible]		.5							2.[illegible]	7.7
NE	1.[illegible]	.[illegible]	.[illegible]									1.[illegible]	4.8
ENE	.[illegible]		.[illegible]									1.[illegible]	[illegible].[illegible]
E	1.[illegible]	1.[illegible]	[illegible].[illegible]									[illegible].[illegible]	[illegible].[illegible]
ESE	1.4	4.[illegible]	5.2	3.3								14.[illegible]	7.5
SE	1.[illegible]	3.[illegible]	[illegible].[illegible]	2.[illegible]								16.[illegible]	8.4
SSE	.[illegible]	4.[illegible]	[illegible].5	4.[illegible]								13.[illegible]	[illegible].5
S	1.[illegible]	4.[illegible]	5.7	1.4								12.4	7.[illegible]
SSW		1.[illegible]	.5									1.4	6.3
SW		.[illegible]	1.[illegible]	.[illegible]								2.[illegible]	[illegible].7
WSW	1.[illegible]		1.4									2.4	5.[illegible]
W	.[illegible]	1.[illegible]	1.[illegible]									3.[illegible]	6.3
WNW		.[illegible]	1.[illegible]									1.4	[illegible].7
NW	.[illegible]	1.[illegible]	1.4	.[illegible]								3.[illegible]	6.8
NNW	1.[illegible]	1.4	.5									[illegible].[illegible]	3.3
VARBL													
CALM												[illegible].[illegible]	
	10.[illegible]	2[illegible].5	43.3	17.[illegible]	.5							100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 210

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND 73-78 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER 11
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.	1.	.								.	6.1
NNE	1.	1.	1.									3.	4.7
NE	.	.	1.									1.	3.3
ENE			1.									1.	.
E	1.	3.	5.2	2.								12.	7.4
ESE	1.	2.	4.7	7.7	.5							16.	.
SE		1.	3.6	3.								12.	7.7
SSE	.	2.	.	5.7								8.	8.3
S		3.7	5.3	2.4								11.	8.3
SSW		1.	1.3									3.	5.6
SW	.	.	1.4									2.	5.3
WSW	1.		.									1.	4.7
W	.	2.	3.7									6.	6.5
WNW		.	1.									2.4	7.4
NW			.	1.								1.	11.7
NNW			.									1.	.
VARBL													
CALM												1.	
	.4	21.7	4 .6	19.5	.5							10.	7.4

TOTAL NUMBER OF OBSERVATIONS 12

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHE
CLASS

HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 210

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1.	.	1.								4.	.
NNE		1.	.	.								1.	7.
NE			.									.	5.
ENE	.	1.										1.	4.
E	.	.	.	1.								4.	. 1
ESE		.	.	1.								14.	7.
SE	.	.	1.	1.								.	.
SSE	.	.	1.	.								1.	.
S	.	.	.	3.								1.	.
SSW	1.	.	1.									.	.
SW		.	.									2.	.
WSW													
W	.	.	.									4.	7.
WNW			.	1.								1.	.
NW		1.	1.									2.	7.
NNW	.	.	1.									2.	7.
VARBL													
CALM												1.	
	.			1.								1.	7.

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] GARCIA ISLAND	73-79	NOV

CLASS: ALL WEATHER

HOURS (L S T): 24

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	1.0									1.4	5.7
NNE													
NE	.4		.8	.8								1.0	[illegible]
ENE	1.0	1.4	1.0	.8								4.2	5.7
E	1.4	1.0	1.8	.8								5.0	6.1
ESE	.4	5.2	1.7	.8								14.0	6.1
SE	.8	13.4	1.1	1.0								17.1	5.8
SSE	1.0	5.7	1.2	1.4								15.3	5.7
S	.4	2.4	4.2	.8								7.1	5.4
SSW	.4	1.4	1.4									2.4	5.1
SW	1.0		.8	.8								1.4	3.5
WSW	.4	.8	1.0	.8								.4	4.3
W		.8	2.4	.8								3.4	5.6
WNW	.4	.8	1.0									1.4	4.3
NW	.8	2.4	.8									3.4	4.7
NNW		1.2	.8									1.4	5.2
VARBL													
CALM												5.0	
	1.2	35.2	31.2	6.2								100.1	5.9

TOTAL NUMBER OF OBSERVATIONS 210

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	73-79	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (LST): ALL

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	.7	.2								2.4	5.5
NNE	.	.5	.6	.2	.1							1.4	5.6
NE	.	.4	.7	.1								1.2	5.6
ENE	.6	.	.7	.1								2.3	5.6
E	1.	2.2	2.5	1.								7.5	5.7
ESE	1.2	5.1	5.6	1.7	.1							13.8	7.2
SE	3.3	7.4	5.6	1.7								20.	5.8
SSE	1.	4.6	5.9	3.3								15.	6.9
S	.7	2.3	4.6	1.3								9.1	7.6
SSW	.3	1.2	1.7									3.2	5.4
SW	.4	.7	1.1	.2								2.4	7.6
WSW	.3	.2	.7	.1								1.3	5.3
W	.4	.9	2.2	.4								4.5	7.5
WNW	.4	.4	1.5	.4								2.	7.5
NW	.3	1.1	1.7	.5								3.6	7.3
NNW	.7	.3	.3	.1								1.4	5.7
VARBL													
CALM												3.4	
	11.7	35.2	43.5	11.0	.2							100.1	6.5

TOTAL NUMBER OF OBSERVATIONS 1652

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	73-75	DEC

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	1.4									3.[illegible]	[illegible].6
NNE		1.[illegible]	.[illegible]									1.[illegible]	[illegible].3
NE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	4.3
ENE	.[illegible]	1.[illegible]	.[illegible]									3.[illegible]	4.1
E	.[illegible]	.[illegible]	.[illegible]									10.1	[illegible].1
ESE	.[illegible]	1.[illegible]	1.[illegible]									3.[illegible]	6.4
SE	1.[illegible]	2.[illegible]	1.4									[illegible].[illegible]	[illegible].[illegible]
SSE	1.[illegible]	2.[illegible]	.[illegible]									4.[illegible]	[illegible].[illegible]
S	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								7.[illegible]	4.9
SSW	.[illegible]	1.[illegible]	.[illegible]									2.[illegible]	[illegible].2
SW	.[illegible]	.[illegible]		.[illegible]								1.[illegible]	[illegible].3
WSW		1.[illegible]		.[illegible]								2.[illegible]	7.3
W	.[illegible]	[illegible].2	2.3	1.[illegible]	1.4							11.[illegible]	[illegible].2
WNW		1.[illegible]	1.[illegible]	.9								4.[illegible]	8.2
NW	.[illegible]	4.1	2.3	1.[illegible]	.5							9.[illegible]	7.7
NNW	.[illegible]	[illegible].2	1.4	.[illegible]	.5							6.[illegible]	[illegible].7
VARBL													
CALM												17.[illegible]	
	1.[illegible]	33.7	18.[illegible]	[illegible].2	2.3							100.[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DIEGO GARCIA ISLAND 73-79 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHE
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]	.[illegible]									[illegible]	[illegible]
NNE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	3.8
NE	.[illegible]	1.8	.[illegible]									2.3	4.4
ENE	1.[illegible]	1.[illegible]	.[illegible]									4.1	4.3
E	1.[illegible]	2.3	2.[illegible]									6.[illegible]	5.9
ESE	.[illegible]	1.4	2.3	.[illegible]								5.1	5.4
SE	1.2	3.2	.[illegible]									7.4	3.9
SSE	1.[illegible]	2.3	1.4									[illegible]	[illegible]
S	.[illegible]	4.1	1.4									[illegible]	[illegible]
SSW		1.4		.[illegible]								1.[illegible]	[illegible]
SW	.[illegible]	.9	.[illegible]									[illegible]	[illegible]
WSW	.[illegible]	.[illegible]		.[illegible]								1.[illegible]	[illegible]
W	1.[illegible]	4.1	3.7	3.2	.5							12.[illegible]	7.6
WNW	1.[illegible]	.5	1.4	1.4								[illegible]	8.3
NW	4.[illegible]	4.1	[illegible].1	.[illegible]	.5							14.7	5.7
NNW		3.2	.[illegible]	.[illegible]								4.[illegible]	6.7
VARBL													
CALM												13.[illegible]	
	22.[illegible]	32.7	22.[illegible]	7.4	.9							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	77-79	DEC

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 00

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	1.4	.5									3.2	4.1
NNE	1.4	.5										1.	2.8
NE	.9	1.4		.5								2.	4.5
ENE	.9	.5										.9	3.5
E	1.8	5.5	3.7	.5								12.4	5.6
ESE	.9	3.2	4.1	.9								9.2	6.8
SE		2.3	1.4									4.1	6.4
SSE	.5	3.7	1.4									5.5	5.6
S	1.4	2.3	3.2	.9								8.2	7.0
SSW	1.	1.4	.5									3.7	4.1
SW	.5	1.4	.9									2.3	5.2
WSW	.5	.5	3.7									4.6	7.6
W	1.8	2.3	2.3	.9								7.8	6.6
WNW	.9	.9	2.8	2.3	.5							7.8	9.5
NW	.9	1.8	5.5	1.4	.5							10.1	8.4
NNW	1.4	.9	2.3	.9								6.5	6.9
VARBL													
CALM												8.2	
	17.2	30.6	33.2	8.8	.9							100.2	6.0

TOTAL NUMBER OF OBSERVATIONS: 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	73-79	DEC

CLASS: ALL WEATHER

HOURS (L S T): 11

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	3.2	1.8									5.5	5.6
NNE	1.4	.9										2.3	3.4
NE	2.3	1.8										4.1	3.6
ENE	.5	2.3	1.4									4.6	4.9
E	1.4	3.7	4.6									9.7	5.2
ESE		1.8	3.7	1.4								6.9	5.6
SE		1.8	4.1	1.4								7.4	5.6
SSE	.5	2.3	4.1	.5								7.4	5.6
S	.5	1.4	1.4	.5								3.7	5.8
SSW	1.4	1.4	.5									3.2	4.6
SW	1.8	1.8	1.4	.5								5.5	5.8
WSW	.9	.9	1.4									3.2	5.3
W	1.8	4.6	3.2	.9								12.5	5.3
WNW	.5	1.4	7.2	3.7								9.7	5.3
NW		1.4	1.8	4.6								7.8	10.6
NNW		.5	2.8	1.8								5.5	9.8
VARBL													
CALM												1.8	
	14.3	33.2	35.5	15.2								100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 217

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

CLASS _____ HOURS (L S T 14

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	2.7	1.4									5.	5.1
NNE	.5	1.4	.9									4.6	3.7
NE	.5	1.4										2.3	4.2
ENE	.9	1.4	.9									3.2	4.7
E	3.2	5.1	3.1	.5								12.0	5.2
ESE		2.7	4.1	1.8								8.6	7.9
SE		.5	1.4	.9								3.2	5.3
SSE			.9									3.2	5.1
S	.5	2.7	2.3									6.0	6.5
SSW		1.4	.9									2.3	5.3
SW	.5	1.4	.5	.5								2.8	7.0
WSW	1.4	3.2	1.4	.5								6.5	5.3
W	.9	6.0	3.7	1.8								13.4	6.8
WNW		1.4	4.6	4.6	.5							11.1	10.6
NW		.5	1.4	2.3	.5							5.1	11.7
NNW	.5	1.8	2.3	.9	.9							6.5	9.5
VARBL													
CALM												1.4	
	10.6	36.9	35.0	14.3	1.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 7 _ (STATION) | ... GARCIA ISLAND (STATION NAME) | 73-79 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 1? (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.[illegible]	1.[illegible]									4.5	5.3
NNE	1.[illegible]	1.4	.5									3.[illegible]	3.9
NE	1.4	.[illegible]										2.[illegible]	3.6
ENE	.[illegible]	1.[illegible]										2.[illegible]	4.7
E	1.[illegible]	2.[illegible]	[illegible].2	.[illegible]								8.3	5.[illegible]
ESE	1.4	3.7	2.[illegible]	.[illegible]								8.[illegible]	6.3
SE	.[illegible]	2.3	2.[illegible]	.[illegible]								6.[illegible]	7.2
SSE	.[illegible]	2.3	.[illegible]	.[illegible]								4.[illegible]	6.1
S	1.[illegible]	3.2	1.[illegible]									6.[illegible]	[illegible].0
SSW	.[illegible]	1.8	.5									2.[illegible]	5.5
SW	.[illegible]	2.[illegible]										3.7	4.4
WSW	[illegible].3	2.3	[illegible].3									6.[illegible]	[illegible].5
W	1.[illegible]	4.6	[illegible].5	2.[illegible]								14.7	7.7
WNW	.[illegible]	2.3	4.1	.[illegible]	.9							8.[illegible]	9.[illegible]
NW	1.[illegible]	1.4	[illegible].2	1.4								7.[illegible]	7.6
NNW	.[illegible]	[illegible].3	1.4	.5								5.1	6.6
VARBL													
CALM												3.[illegible]	
	1.[illegible]	37.8	3[illegible].4	7.8	.9							1[illegible].[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 217

SMOS

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] DIEGO GARCIA ISLAND STATION NAME 73-79 YEARS DEC MONTH

ALL WEATHE CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.4										[illegible].3	[illegible].4
NNE		.[illegible]	.[illegible]									1.4	[illegible].[illegible]
NE		.[illegible]										.[illegible]	4.[illegible]
ENE	[illegible].[illegible]	2.3	.[illegible]									4.[illegible]	4.5
E	[illegible].3	4.1	[illegible].2									9.[illegible]	[illegible].[illegible]
ESE	.[illegible]	1.[illegible]	1.4	.5	.5							[illegible].[illegible]	7.[illegible]
SE	[illegible].3	1.[illegible]	[illegible].2	.[illegible]								7.[illegible]	[illegible].[illegible]
SSE	[illegible].[illegible]	[illegible].[illegible]	.[illegible]									6.[illegible]	4.2
S	1.4	[illegible].4	1.4	.5								[illegible].[illegible]	[illegible].[illegible]
SSW	[illegible].[illegible]	[illegible].[illegible]	.[illegible]									[illegible].1	[illegible].1
SW	.[illegible]	1.4	.[illegible]									[illegible].[illegible]	[illegible].[illegible]
WSW	.[illegible]	.[illegible]	1.[illegible]									[illegible].[illegible]	[illegible].[illegible]
W	.[illegible]	1.[illegible]	[illegible].7	[illegible].[illegible]								[illegible].[illegible]	[illegible].5
WNW	.[illegible]	[illegible].3	4.1	[illegible].[illegible]								12.[illegible]	7.8
NW	1.4	[illegible].1	.[illegible]	.5								7.[illegible]	[illegible].4
NNW	.[illegible]	[illegible].[illegible]	[illegible].2									6.[illegible]	[illegible].1
VARBL													
CALM												10.1	
	[illegible].7	35.0	[illegible].3	7.4	.5							[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] GARCIA ISLAND (STATION NAME) | YEARS: 73-79 | MONTH: DEC

CLASS: ALL WEATHE | HOURS (L S T): 2[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	1.[illegible]	.[illegible]								[illegible].[illegible]	[illegible].[illegible]
NNE		.										.[illegible]	[illegible].[illegible]
NE	.											.	[illegible].[illegible]
ENE	.	1.[illegible]										[illegible].[illegible]	4.2
E	[illegible].[illegible]	4.[illegible]	1.[illegible]	.[illegible]								7.8	[illegible].5
ESE	1.[illegible]	[illegible].[illegible]	1.3									6.[illegible]	5.7
SE	[illegible].[illegible]	2.[illegible]	.[illegible]	.[illegible]								[illegible].[illegible]	4.8
SSE	[illegible].[illegible]	[illegible].[illegible]	.5									7.4	[illegible].9
S	[illegible].[illegible]	2.[illegible]	.[illegible]									[illegible].[illegible]	4.[illegible]
SSW	.	.[illegible]	.[illegible]									1.[illegible]	[illegible].[illegible]
SW	.[illegible]	.[illegible]	.[illegible]									[illegible].3	[illegible].2
WSW		1.[illegible]	.[illegible]	.[illegible]	.5							3.[illegible]	[illegible].7
W	.	[illegible].[illegible]	1.4	2.[illegible]		.[illegible]						[illegible].[illegible]	[illegible].1
WNW	.	[illegible].[illegible]	1.4	1.4								6.[illegible]	7.[illegible]
NW	.[illegible]	5.1	[illegible].[illegible]	1.4								12.[illegible]	6.5
NNW	1.4	[illegible].3	1.[illegible]									5.[illegible]	[illegible].3
VARBL													
CALM												17.[illegible]	
	1.[illegible]	36.[illegible]	17.[illegible]	7.4	.5	.						1[illegible].[illegible]	4.9

TOTAL NUMBER OF OBSERVATIONS: [illegible]217

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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	1.2	1.	1.2	.3								4.1	5.1
NNE	.	.	.3									.	4.1
NE	.	1.	.1	.1								.1	4.
ENE	1.1	1.	.									3.	4.5
E	1.	4.	.1	.								6.	5.7
ESE	.	2.	2.	.	.1							6.	7.
SE	1.	2.3	2.	.								5.	5.1
SSE	1.	2.	1.6	.								5.	5.6
S	1.	2.7	1.	.3								5.6	5.7
SSW	.	1.	.5	.1								2.	4.9
SW	.	1.	.6	.								2.1	5.4
WSW	.	1.	1.	.	.1							4.	6.
W	.	4.1	5.	2.1	.2	.						11.	7.6
WNW	.	1.	2.	2.	.2							6.1	.9
NW	1.	2.	2.	1.	.2							6.	7.
NNW	.	2.	2.1	.6	.2							5.	7.
VARBL													
CALM												9.	
	17.	35.	27.	9.	1.	.						1 0.	5.

TOTAL NUMBER OF OBSERVATIONS 1776

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS ALL 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	.	.	.	.	.							.	.
NNE	.	.	.	.	.							1.	.
NE	.	.	.	.								1.	9.
ENE	.	.	.	.	.							1.	.
E	.	2.	2.	1.	.							6.	7.
ESE	.	1.	4.	3.	.							14.	.
SE	1.	4.	.	5.	.							12.	.
SSE	.	2.	1.	3.	.							10.	8.
S	1.	2.	1.	1.	.							5.	7.
SSW	.	1.	.	.	.							2.	8.
SW	.	.	.	.								1.	7.
WSW	.	1.	.	.	.	.						2.	8.
W	.	.	2.	1.	.	.						4.	8.
WNW	.	.	1.	1.	.	.						4.	9.
NW	.	1.	1.	.	.	.						3.	9.
NNW	.	.	.	.	.							2.	7.
VARBL													
CALM												4.	
	11.	2.	37.	19.	1.	.						10.	7.

TOTAL NUMBER OF OBSERVATIONS 1 496

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | ALL MONTH

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

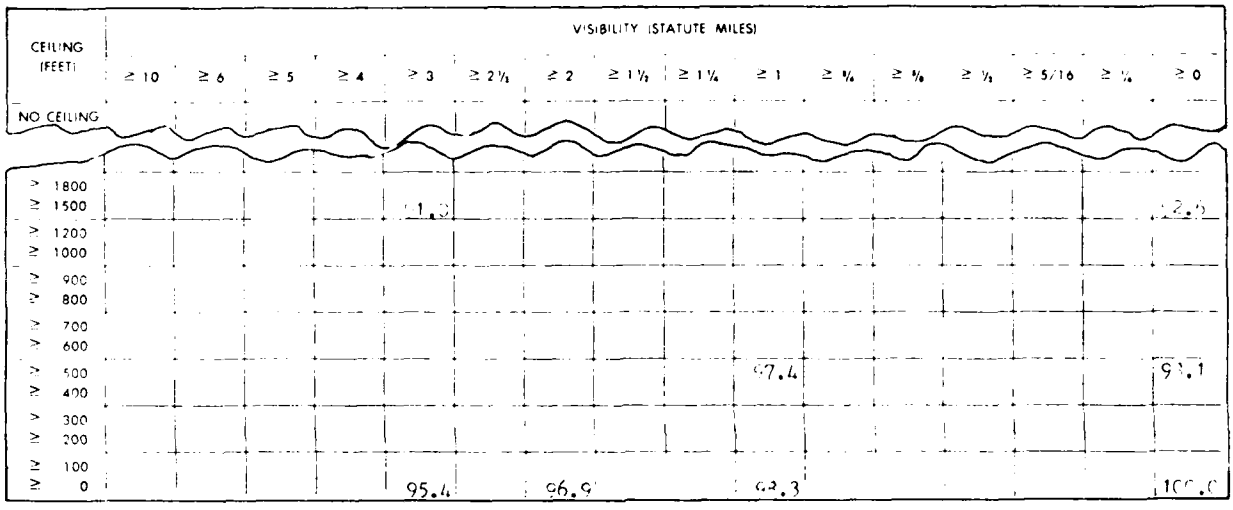
This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and 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.

Beginning in July 1948 for Air Force stations and January 1949 for NWS 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.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



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

PART D

ADDITIONAL EXAMPLES

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

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

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

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

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

PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10
Scattered converted to 3/10
Broken converted to 9/10
Overcast converted to 10/10
Obscured converted to 10/10

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION _____ STATION NAME _____ 74-79 YEARS _____ JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

_____ HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 18000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 14000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000		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	65.6	65.6
≥ 10000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000		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	80.1
≥ 7000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000		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	82.3
≥ 5000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2500		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000		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	85.5
≥ 1800		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	85.5
≥ 1500		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	94.6	94.6
≥ 1200		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 900		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 800		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 700		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 600		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 500		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 400		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 300		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0		99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | [illegible] GARCIA ISLAND | 74-79 | JAN

STATION | STATION NAME | YEARS | MONTH

OF

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.7	57.1	57.0	57.1	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.0	57.0	57.1	57.1
≥ 20000		56.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000		56.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000		56.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000		67.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 12000		70.4	72.0	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
≥ 10000		76.3	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
≥ 9000		76.3	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
≥ 8000		81.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000		82.9	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	84.4
≥ 6000		83.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000		83.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500		83.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000		83.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		83.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000		85.1	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	87.6
≥ 2500		85.1	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	87.6
≥ 2000		85.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800		85.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1500		91.4	94.6	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
≥ 1200		94.6	98.9	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
≥ 1000		94.6	98.9	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
≥ 900		94.6	98.9	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
≥ 800		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		94.6	99.5	100.0	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 196

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] DIEGO GARCIA ISLAND 74-79 JAN

STATION STATION NAME YEARS MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		46.8	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000		56.9	56.9	57.3	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000		57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000		57.5	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000		66.7	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000		75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000		75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 8000		81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000		86.4	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000		86.4	86.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000		86.9	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
≥ 4500		85.1	86.6	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
≥ 4000		85.9	86.6	87.1	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500		85.9	86.6	87.1	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000		86.9	87.1	87.6	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500		85.3	87.1	87.6	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000		86.9	87.6	88.2	88.2	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800		86.9	87.6	88.2	88.2	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		90.3	91.9	92.5	92.5	93.0	93.6	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		93.0	94.6	95.2	95.2	95.7	96.2	96.2	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		94.4	96.2	96.8	96.8	97.3	97.9	97.9	97.9	98.4	98.9	98.9	98.9	98.9	99.5	99.5
≥ 900		94.5	96.2	96.8	96.8	97.3	97.9	97.9	97.9	98.4	98.9	98.9	98.9	98.9	99.5	99.5
≥ 800		94.5	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 700		94.5	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 600		94.6	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 500		94.6	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 400		94.6	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 300		94.5	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 200		94.6	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 100		94.6	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0
≥ 0		94.6	96.2	96.8	97.3	97.9	98.4	98.4	98.4	98.9	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 196

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME GARCIA ISLAND YEARS 74-79 MONTH [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 11

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000		57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000		57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000		58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000		60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000		64.5	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	65.1
≥ 10000		69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000		69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000		75.8	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	76.9
≥ 7000		80.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 6000		80.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000		80.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500		80.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000		80.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500		80.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000		81.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500		81.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000		81.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800		81.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500		86.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1200		88.2	93.7	94.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000		89.8	95.7	96.8	98.9	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		89.8	95.7	96.8	98.9	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
0		89.8	95.7	97.3	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION _____ STATION NAME DIEGO GARCIA ISLAND YEARS 74-79 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 14

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000		51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 18000		51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000		52.2	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	52.7
≥ 14000		54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000		60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 10000		67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000		67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000		73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000		76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000		78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000		78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500		78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000		79.1	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	80.1
≥ 3500		79.1	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	80.1
≥ 3000		80.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500		80.1	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000		80.1	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800		80.1	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500		91.4	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		95.7	97.9	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.2	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		6.1	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | DIEGO GARCIA ISLAND | 74-79 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		40.9	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000		49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000		50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 16000		50.0	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000		52.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000		60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000		66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000		66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 8000		74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000		78.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 6000		80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000		80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4500		80.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000		81.2	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
≥ 3500		81.2	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
≥ 3000		82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500		82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000		82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800		82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500		89.3	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200		95.7	97.9	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		96.2	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.2	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.3	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.4	98.9	99.5	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 196

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION _____ STATION NAME _____ 74-79 YEARS _____ JAN MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		1.6	51.6	51.6	51.6	1.	51.6	1.6	1.4	51.6	51.	51.6	51.6	51.6	1.	51.
≥ 20000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.
≥ 18000		61.8	61.8	61.8	61.8	61.	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.
≥ 16000		61.8	61.8	61.8	61.8	61.	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.	61.
≥ 14000		64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.	64.
≥ 12000		71.	71.	71.	71.	71.	71.	71.	71.	71.	71.	71.	71.	71.	71.	71.
≥ 10000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.
≥ 7000		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	82.
≥ 6000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 5000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 4500		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.
≥ 4000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.
≥ 3500		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.
≥ 3000		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	85.
≥ 2500		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	85.
≥ 2000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.
≥ 1800		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.
≥ 1500		92.5	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.
≥ 1200		96.2	97.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.
≥ 1000		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 900		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 800		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 600		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 400		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 200		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
0		95.7	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS _____ 1

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SNOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
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≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 74-77 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS 169

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] [illegible] SANTA ISLAND 74-79 [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000		74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 18000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000		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	84.6
≥ 9000		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	84.6
≥ 8000		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	89.9	89.9
≥ 7000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.6	100.0	100.0	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 169

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME DIEGO GARCIA ISLAND YEARS 74-78 MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 23

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000		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	74.1	74.1
≥ 18000		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	74.1	74.1
≥ 16000		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	74.1	74.1
≥ 14000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000		86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000		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	87.1	87.1
≥ 6000		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	87.6	87.6
≥ 5000		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	87.6	87.6
≥ 4500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500		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	94.7	94.7
≥ 1200		98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 169

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION | DIEGO GARCIA ISLAND | 46-72 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		56.7	56.9	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000		69.8	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
≥ 18000		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000		82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000		82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000		87.4	87.5	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
≥ 7000		87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000		88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000		88.4	88.6	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
≥ 4500		88.5	88.7	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
≥ 4000		88.5	88.7	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
≥ 3500		88.5	88.7	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
≥ 3000		88.5	88.7	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
≥ 2500		88.5	88.7	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
≥ 2000		88.5	88.7	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
≥ 1800		88.5	88.7	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
≥ 1500		94.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
≥ 1200		96.6	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000		97.4	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900		97.4	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800		97.4	99.3	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 500		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 400		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 00		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0		97.5	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1352

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] 721 | [illegible] GARCIA ISLAND | 74-78 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		64.1	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	[illegible]	[illegible]
≥ 20000		67.2	67.[illegible]	67.2	67.[illegible]	67.[illegible]	67.[illegible]	[illegible]	67.[illegible]	67.[illegible]	67.2	67.2	67.2	67.[illegible]	67.[illegible]	67.[illegible]
≥ 18000		69.4	6[illegible].4	69.4	69.4	69.4	69.4	[illegible]	69.4	69.4	69.4	69.4	69.4	69.4	69.4	[illegible]
≥ 16000		69.4	6[illegible].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
≥ 14000		71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
≥ 12000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000		78.[illegible]	7[illegible].5	7[illegible].5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000		7[illegible].5	7[illegible].[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
≥ 8000		[illegible]1.7	8[illegible].8	[illegible]2.8	[illegible]2.8	[illegible]2.8	[illegible]2.8	[illegible]2.8	[illegible]2.8	82.8	[illegible]2.8	[illegible]2.8	[illegible]2.8	[illegible]2.8	[illegible]2.8	[illegible]
≥ 7000		[illegible]3.3	[illegible]3.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	[illegible]
≥ 6000		[illegible]3.3	83.3	83.3	[illegible]3.3	83.3	83.3	[illegible]3.3	83.3	83.3	[illegible]3.3	83.3	[illegible]3.3	83.3	83.3	[illegible]
≥ 5000		[illegible]3.9	83.9	83.9	83.9	[illegible]3.9	83.9	[illegible]3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 4500		[illegible]3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 4000		[illegible]3.9	83.9	83.9	[illegible]3.9	83.9	83.9	[illegible]3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 3500		[illegible]3.9	83.9	83.9	83.9	83.9	83.9	[illegible]3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 3000		[illegible]3.9	83.9	83.9	83.9	83.9	83.9	[illegible]3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 2500		[illegible]3.9	83.9	83.9	83.9	[illegible]3.9	83.9	[illegible]3.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 2000		[illegible]4.4	84.4	84.4	84.4	84.4	84.4	[illegible]4.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800		[illegible]5.0	85.0	85.0	85.0	85.0	85.0	[illegible]5.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	[illegible]
≥ 1500		[illegible]7.3	97.3	97.3	97.3	97.3	97.3	[illegible]7.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	[illegible]
≥ 1200		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		[illegible]9.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		[illegible]9.5	100.0	100.0	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 136

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 STATION | [illegible] SATTIA ISLD STATION NAME | 74-79 YEARS | [illegible] MONTH

[illegible] HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000		73.1	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000		74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000		76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000		81.7	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
≥ 10000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500		86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000		86.6	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	87.1
≥ 1800		86.6	87.1	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
≥ 1500		96.2	96.8	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
≥ 1200		97.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		97.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5
≥ 900		97.3	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5
≥ 800		97.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 700		97.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 600		97.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 500		97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 400		97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 300		97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200		97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100		97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
0		97.8	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | DIEGO GARCIA ISLAND | 74-79 | MAY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	[illegible]	62.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 10000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 8000		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	87.1	87.1
≥ 7000		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	87.1	87.1
≥ 6000		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	87.6	87.6
≥ 5000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	[illegible]	[illegible]	88.2	88.2
≥ 4500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	[illegible]	90.3	90.3	90.3
≥ 1800		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 900		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 800		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 700		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 600		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 500		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 400		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 300		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 0		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 156

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 4500																
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≥ 600																
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≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS 1?6

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 1-

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

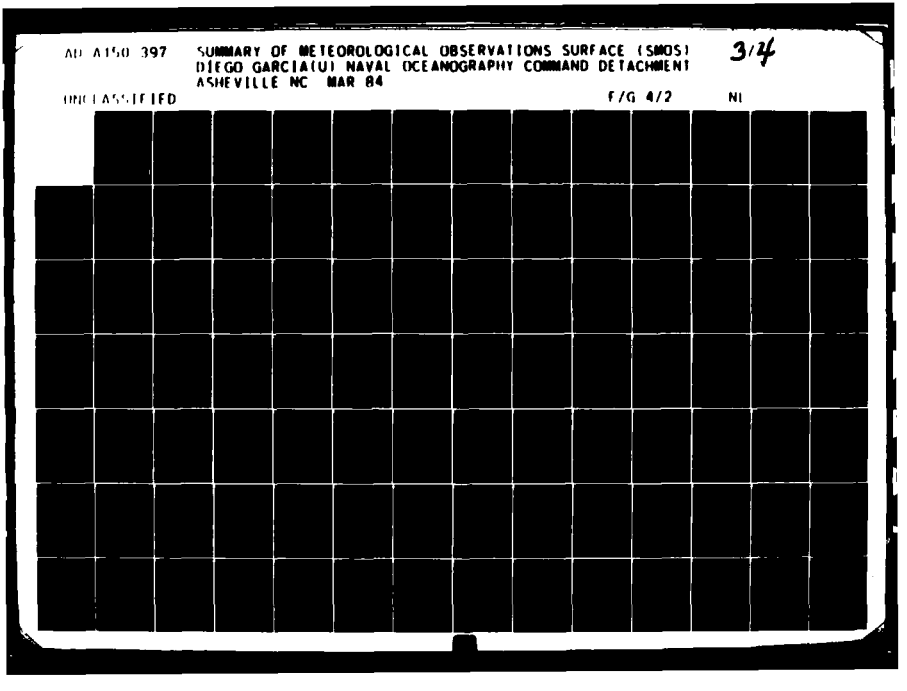
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

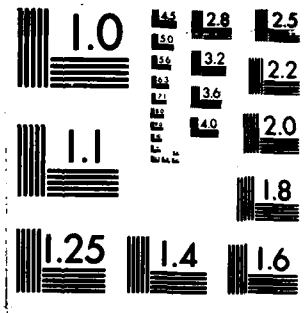
HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DRPS/AVCEA/7/ET — 3/65


AD A150 397
SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS)
DIEGO GARCIA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE NC MAR 84
3/4
UNCLASSIFIED
F/G 4/2
NL



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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	74-79	MAR

HOURS (L S T) 23

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 20000		75.8	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	76.3
≥ 18000		76.3	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	76.9
≥ 16000		76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000		82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000		85.0	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
≥ 9000		85.0	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
≥ 8000		88.2	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	88.7
≥ 7000		88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000		88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000		89.3	89.8	89.8	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		89.8	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	90.3
≥ 4000		89.8	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	90.3
≥ 3500		89.8	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	90.3
≥ 3000		89.8	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	90.3
≥ 2500		89.8	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	90.3
≥ 2000		89.8	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	90.3
≥ 1800		90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500		97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200		98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.9	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	99.5
≥ 900		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.5	100.0	100.0	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

72771	DIEGO GARCIA ISLAND	74-79	MAR
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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.0	62.2	62.2	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		70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000		71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000		71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000		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	74.1
≥ 12000		79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000		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	82.6	82.6
≥ 9000		82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000		85.4	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
≥ 7000		85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000		85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000		96.4	86.8	86.8	86.8	86.8	86.8	96.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500		96.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000		86.8	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
≥ 3500		96.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000		87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500		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	87.9	87.9
≥ 2000		87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1800		87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500		95.7	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 1200		97.5	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		98.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 900		98.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 800		98.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 600		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 500		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0		98.3	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1488

DIFNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

78721	DIEGO GARCIA ISLAND	74-79	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
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		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000		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
≥ 18000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000		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	84.4	84.4
≥ 9000		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	84.4	84.4
≥ 8000		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500		90.0	90.0	90.0	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		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500		95.1	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200		96.7	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.2	98.9	100.0	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 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

78701	DIEGO GARCIA ISLAND	74-79	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	65.6	65.6
≥ 20000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000		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	73.9	73.9
≥ 16000		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000		80.0	80.0	80.0	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		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000		84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 7000		85.2	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000		85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000		85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500		85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000		85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500		85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000		86.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2500		86.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 2000		86.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800		86.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500		93.3	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200		95.6	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		96.1	99.4	100.0	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 180

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

72701	DIEGO GARCIA ISLAND	74-79	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 20000		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	71.1
≥ 18000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 16000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000		77.8	77.8	77.8	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000		79.4	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000		79.4	79.4	79.4	79.4	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000		83.9	84.4	84.4	84.4	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000		85.6	86.1	86.1	86.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000		86.7	87.2	87.2	87.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2000		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800		87.2	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500		92.8	93.3	93.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200		96.7	97.2	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.8	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION	STATION NAME	YEARS	MONTH
72771	DIEGO GARCIA ISLAND	74-79	APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOUR (L S T) 11

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000		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
≥ 18000		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	71.7
≥ 16000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000		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	73.9	73.9
≥ 12000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000		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	78.9
≥ 9000		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	78.9
≥ 8000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000		85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 6000		86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000		87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500		87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000		88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500		88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500		93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200		96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.3	98.3	98.3	98.3
≥ 1000		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 900		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 800		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 700		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 600		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 500		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 400		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 300		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 200		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0		97.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

787-1	DIEGO GARCIA ISLAND	74-79	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000		69.4	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
≥ 18000		71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 16000		72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 14000		72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000		76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000		80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000		80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 7000		87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 6000		87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000		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	88.3	88.3
≥ 4500		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	88.3	88.3
≥ 4000		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	88.3	88.3
≥ 3500		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	88.3	88.3
≥ 3000		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	88.3	88.3
≥ 2500		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	88.3	88.3
≥ 2000		87.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800		87.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1500		95.0	96.1	96.1	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		97.2	98.3	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		97.2	98.3	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

707.1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 20000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000		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
≥ 16000		72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 14000		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 12000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000		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	81.1	81.1
≥ 9000		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	81.1	81.1
≥ 8000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500		96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.3	100.0	100.0	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 180

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] STATION | DIEGO GARCIA ISLAND STATION NAME | 74-79 YEARS | APR MONTH

00 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000		76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000		79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000		80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 14000		81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000		82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000		90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000		92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4500		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 4000		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800		93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500		96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		96.7	98.9	99.4	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 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

72731 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000		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	73.9	73.9
≥ 18000		73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000		73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000		77.8	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	78.3
≥ 12000		81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000		82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000		82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000		87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000		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	88.3	88.3
≥ 6000		88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000		88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500		88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500		89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000		89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500		89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2000		89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800		89.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500		95.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200		96.1	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		96.7	99.4	99.4	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 170

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | DIE[illegible] GARCIA ISLAND | 74-79 | SP

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000		72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 18000		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000		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	75.1	75.1
≥ 14000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000		79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000		81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 9000		81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000		86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000		88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000		89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500		89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000		89.9	89.9	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
≥ 3500		89.9	89.9	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
≥ 3000		90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500		90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000		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	90.4	90.4
≥ 1800		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	90.4	90.4
≥ 1500		95.8	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200		99.5	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 1000		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0		99.1	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1440

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

7 771 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) MAY (MONTH)

(HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 20000		76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000		76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000		76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 12000		81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000		85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000		85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000		86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000		86.5	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	87.1
≥ 4500		86.6	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	87.1
≥ 4000		86.6	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	87.1
≥ 3500		86.6	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	87.1
≥ 3000		86.6	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	87.1
≥ 2500		86.6	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	87.1
≥ 2000		86.6	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	87.1
≥ 1800		86.6	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	87.1
≥ 1500		94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		97.9	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	99.5
≥ 1000		97.9	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	99.5
≥ 900		97.9	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	99.5
≥ 800		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.4	100.0	100.0	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 1 5

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] GA CIA ISLAND YEARS 74-79 MONTH MAY HOURS (L S T) 02

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	76.9	76.9
≥ 20000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 9000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000		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	87.1	87.1
≥ 7000		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	87.1	87.1
≥ 6000		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	88.7	88.7
≥ 5000		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	88.7	88.7
≥ 4500		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	88.7	88.7
≥ 4000		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	88.7	88.7
≥ 3500		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	88.7	88.7
≥ 3000		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	88.7	88.7
≥ 2500		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	88.7	88.7
≥ 2000		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500		96.7	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.4	99.5	99.5	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

72721 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) MAY (MONTH)

06 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	68.8	68.8
≥ 20000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000		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	76.9	76.9
≥ 16000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		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	80.1
≥ 12000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000		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	87.6	87.6
≥ 9000		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	87.6	87.6
≥ 8000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000		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	90.3	90.3
≥ 6000		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	91.9	91.9
≥ 5000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4500		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 4000		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500		96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200		97.9	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000		97.9	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		97.9	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.9	98.9	98.9	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 196

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] 21 | DIEGO GARCIA ISLAND | 74-79 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	65.6	65.6
≥ 20000		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	76.9	76.9
≥ 18000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		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	80.1
≥ 12000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000		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	87.1	87.1
≥ 9000		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	87.1	87.1
≥ 8000		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	87.6	87.6
≥ 7000		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	88.7	88.7
≥ 6000		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	90.3	90.3
≥ 5000		90.9	90.9	90.9	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		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.4	99.5	99.5	99.5	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] DIEGO GARCIA ISLAND 74-7 MAY

STATION STATION NAME YEARS MONTH

14

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 20000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 9000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000		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	85.5
≥ 6000		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000		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	87.1	87.1
≥ 2500		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	87.1	87.1
≥ 2000		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	87.6	87.6
≥ 1800		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	87.6	87.6
≥ 1500		95.7	96.2	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
≥ 1200		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.3	98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.3	98.4	99.5	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 196

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

721	DIEGO GARCIA ISLAND	74-79	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 18000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000		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	82.3
≥ 12000		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	84.4	84.4
≥ 10000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000		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	88.7	88.7
≥ 6000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500		91.4	91.4	91.4	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		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1800		93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500		96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.5	99.5	100.0	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

43703 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 18000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000		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	84.4	84.4
≥ 12000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000		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	87.6	87.6
≥ 9000		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	87.6	87.6
≥ 8000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 7000		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	90.3	90.3
≥ 6000		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	90.3	90.3
≥ 5000		90.9	90.9	90.9	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		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 4000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3000		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		97.3	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	99.5
≥ 1000		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		97.9	100.0	100.0	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 196

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

7 1	DIEGO GARCIA ISLAND	74-79	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
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		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 18000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000		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	82.3
≥ 12000		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	84.4	84.4
≥ 10000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000		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	88.7	88.7
≥ 5000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500		95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		98.4	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	99.5
≥ 1000		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.4	100.0	100.0	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION	STATION NAME	YEARS	MONTH
43301	DIEGO GARCIA ISLAND	74-79	MAY

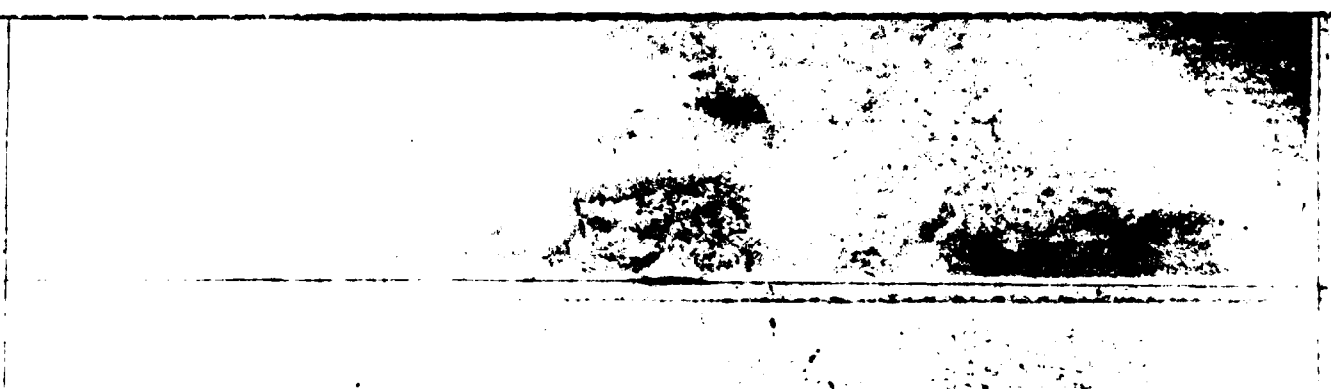
HOURS (L S T) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		68.8	67.9	66.9	67.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000		78.2	77.3	76.3	76.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
AVAI 18000		78.8	77.8	78.8	77.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
AVAI 16000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
AVAI 14000		80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
AVAI 12000		83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
AVAI 10000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AVAI 9000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AVAI 8000		87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
AVAI 7000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
AVAI 6000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
AVAI 5000		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
AVAI 4500		89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
AVAI 4000		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	89.8	89.8
AVAI 3500		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	89.9
AVAI 3000		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	90.0	90.0
AVAI 2500		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	90.0	90.0
AVAI 2000		90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
AVAI 1800		90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
AVAI 1500		95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
AVAI 1200		98.1	99.1	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
AVAI 1000		98.2	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
AVAI 900		98.2	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
AVAI 800		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 700		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 600		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 500		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 400		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 300		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 200		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 100		98.3	99.5	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AVAI 0		98.3	99.5	99.7	99.9	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 1408

DIPNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[redacted] STATION | DIEGO GARCIA ISLAND STATION NAME | 74-79 YEARS | JUN MONTH

02 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 20000		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	84.4	84.4
≥ 18000		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	84.4	84.4
≥ 16000		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	84.4	84.4
≥ 14000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 12000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 10000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000		91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500		91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000		93.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800		93.3	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500		97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		98.3	98.3	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.9	98.9	98.9	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 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

7 7 1	DIEGO GARCIA ISLAND	74-79	JUN
STATION	STATION NAME	YEARS	MONTH

05
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 20000		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 18000		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 16000		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 14000		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	84.4	84.4
≥ 12000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 10000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000		89.4	89.4	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500		89.4	89.4	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000		89.4	89.4	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500		89.4	89.4	89.4	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000		91.1	91.6	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800		91.1	91.6	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500		95.5	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.7	99.4	99.4	99.4	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 179

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] DIEGO GARCIA ISLAND 74-79 JAN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

00

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 20000		77.2	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
≥ 18000		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
≥ 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
≥ 14000		81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000		85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10000		88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000		88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000		90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000		90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000		90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000		90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000		90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500		91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000		92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500		93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000		93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800		93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500		95.7	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		96.7	97.8	98.3	98.3	98.3	98.3	98.3	99.3	98.3	98.3	98.3	99.3	98.3	98.3	98.3
≥ 1000		97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.8	99.4	100.0	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 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | DIEGO GARCIA ISLAND | 74-78 | JUN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.2	62.2	62.2	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		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	78.3	78.3
≥ 18000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 16000		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 14000		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	81.1	81.1
≥ 12000		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 9000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4500		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500		87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.8
≥ 2000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500		93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200		98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.9	100.0	100.0	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 150

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] SARDINIA ISLAND | 73-77 | J

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 20000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 14000		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	78.3	78.3
≥ 12000		80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000		86.1	86.1	86.1	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		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 7000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500		97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0		98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | [illegible] GEORGIA ISLAND | 34-[illegible] | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	[illegible]
≥ 18000		72.[illegible]	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	[illegible]
≥ 16000		72.[illegible]	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	[illegible]
≥ 14000		75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	[illegible]
≥ 12000		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	[illegible]
≥ 10000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000		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	81.1	[illegible]
≥ 8000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	[illegible]
≥ 6000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000		[illegible]	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	[illegible]
≥ 4500		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	[illegible]
≥ 3000		87.[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	[illegible]
≥ 2500		87.[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	[illegible]
≥ 2000		87.[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	[illegible]
≥ 1800		87.[illegible]	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	[illegible]
≥ 1500		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200		96.[illegible]	97.9	98.3	98.[illegible]	98.3	98.3	[illegible]	[illegible]	98.9	98.9	98.9	98.9	98.9	98.9	[illegible]
≥ 1000		97.[illegible]	98.[illegible]	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
≥ 900		97.[illegible]	98.[illegible]	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	[illegible]
≥ 800		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 700		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 600		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 500		97.[illegible]	98.[illegible]	[illegible]	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 400		97.[illegible]	98.[illegible]	[illegible]	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 300		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 200		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 100		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
0		97.[illegible]	98.[illegible]	98.9	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIPNAVOCEANMET [illegible]MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 20000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 18000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 16000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 12000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 10000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 8000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 7000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 6000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500		91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200		97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.9	100.0	100.0	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 180

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] DIEGO GARCIA ISLAND | 74-79 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 16000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 10000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 9000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 8000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000		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	93.3	93.3
≥ 4500		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	93.3	93.3
≥ 4000		94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500		94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000		94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500		94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000		95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000		98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.3	100.0	100.0	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 180

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] JOSE G GARCIA ISLAND | 74-79 | JUL

STATION | STATION NAME | YEARS | MONTH

ALL

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING		69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 20000		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
≥ 18000		80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000		80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000		82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 12000		84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000		87.5	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
≥ 9000		87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000		89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000		89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 5000		89.5	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
≥ 4500		89.5	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
≥ 4000		90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500		90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000		90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500		90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000		91.6	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800		91.9	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500		96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200		97.6	98.7	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		97.8	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 900		97.9	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 800		98.1	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 700		98.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		98.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		98.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		98.1	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		98.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		98.3	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1439

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION [illegible] STATION NAME DIEGO GARCIA ISLAND YEARS 74-79 MONTH JUL

HOURS (L S T) 24

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		66.1	66.7	66.7	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		69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000		69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000		71.0	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000		74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000		80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 10000		85.0	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
≥ 9000		85.0	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
≥ 8000		85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000		85.5	86.1	86.1	86.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
≥ 6000		86.6	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	87.1
≥ 5000		86.6	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	87.1
≥ 4500		86.6	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	87.1
≥ 4000		88.2	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	88.7
≥ 3500		88.2	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	88.7
≥ 3000		89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000		89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500		94.1	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	94.6
≥ 1200		98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.3	100.0	100.0	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 146

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | DIEGO GARCIA ISLAND | 4-79 | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	62.9
≥ 20000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000		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	68.8	68.8
≥ 12000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000		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	80.1
≥ 9000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 7000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000		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	84.4	84.4
≥ 5000		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	85.5
≥ 4500		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	85.5
≥ 4000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		93.6	93.6	93.6	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400		99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

72721 DIEGO GARCIA ISLAND 74-79 JUL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000		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	63.4
≥ 18000		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	63.4
≥ 16000		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	64.5	64.5
≥ 14000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000		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	76.3	76.3
≥ 8000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 7000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000		88.2	88.2	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
≥ 4500		88.2	88.2	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
≥ 4000		88.2	88.2	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
≥ 3500		88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3000		89.3	89.3	89.8	89.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500		89.3	89.3	89.8	89.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000		90.3	90.3	90.9	90.9	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800		90.3	90.3	90.9	90.9	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		93.6	94.1	94.6	94.6	94.6	94.6	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 1200		96.8	97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.3	98.4	98.9	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] 721 STATION | [illegible] GARCIA ISLAND STATION NAME | 74-79 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 18000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 14000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000		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	80.1
≥ 8000		83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000		86.6	86.6	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
≥ 6000		87.1	87.1	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
≥ 5000		88.2	88.2	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
≥ 4500		88.2	88.2	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
≥ 4000		88.2	88.2	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
≥ 3500		88.2	88.2	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
≥ 3000		89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500		89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000		89.8	89.8	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
≥ 1800		89.8	89.8	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
≥ 1500		94.6	94.6	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
≥ 1200		98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.4	98.4	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		98.4	98.4	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		98.4	98.4	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.9	98.9	99.5	99.5	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

72731	DIEGO GARCIA ISLAND	74-79	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000		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	61.8
≥ 18000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000		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	62.9
≥ 14000		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	64.5	64.5
≥ 12000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000		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	72.6
≥ 9000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 8000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 7000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000		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	80.1
≥ 4500		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	80.1
≥ 4000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500		94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		96.8	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	97.3
≥ 1000		97.3	97.9	97.9	97.9	97.9	98.4	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		97.3	97.9	97.9	97.9	97.9	98.4	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		97.3	97.9	97.9	97.9	97.9	98.4	98.4	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.9	98.4	98.4	98.4	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

721	DIEGO GARCIA ISLAND	74-79	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING		40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 18000		55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 16000		57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000		60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000		71.5	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000		72.0	72.0	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
≥ 8000		76.9	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000		79.3	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	79.6
≥ 6000		81.2	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000		82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4500		82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000		83.9	83.9	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
≥ 3500		85.0	85.0	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
≥ 3000		86.6	86.6	87.1	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2500		87.1	87.1	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000		88.2	88.2	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800		88.2	88.2	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		93.2	93.2	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1200		96.2	96.8	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000		97.3	97.9	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		97.3	97.9	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.3	98.4	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.3	98.4	98.9	99.5	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 196

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

43521 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000		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	64.0
≥ 18000		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	64.0
≥ 16000		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	64.5	64.5
≥ 14000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000		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	76.3	76.3
≥ 8000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000		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	82.3
≥ 6000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 5000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500		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	85.1	85.1
≥ 4000		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	85.5
≥ 3500		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000		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	87.6	87.6
≥ 1800		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	87.6	87.6
≥ 1500		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	91.9	91.9
≥ 1200		98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.5	99.5	99.5	99.5	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 186

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] DIEGO GARCIA ISLAND 74-78 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	61.8
≥ 20000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	[illegible]
≥ 14000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 12000		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	78.0
≥ 10000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000		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	87.1	87.1
≥ 5000		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	87.1	87.1
≥ 4500		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	87.1	87.1
≥ 4000		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	87.6	87.6
≥ 3500		87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000		88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500		88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800		88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500		93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200		97.9	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	99.5
≥ 1000		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.4	100.0	100.0	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 186

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | DIEGO GARCIA ISLAND | 74-79 | JUL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		53.4	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
≥ 20000		64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 18000		64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 16000		65.3	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	65.4
≥ 14000		67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000		73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 10000		77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000		78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 8000		81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000		83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000		84.3	84.5	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
≥ 5000		85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500		85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000		86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500		86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000		87.3	87.8	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500		87.4	87.8	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000		88.1	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.8	88.9	88.8	88.8	88.8	88.8	88.8
≥ 1800		88.1	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.8	88.8	88.8	88.9	88.8
≥ 1500		93.3	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200		97.2	98.2	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		97.9	98.3	99.1	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900		97.9	98.8	99.1	99.1	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800		97.9	98.9	99.1	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700		99.1	99.2	99.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		98.1	99.0	99.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.1	99.1	99.3	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.1	99.1	99.3	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.1	99.1	99.3	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.1	99.1	99.3	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.1	99.1	99.3	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.1	99.1	99.3	99.4	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 14 [illegible]

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

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

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	58.5	58.5	58.5	[illegible]	58.5	[illegible]	58.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		[illegible]	64.2	64.2	64.2	64.2	64.2	[illegible]	64.2	64.2	64.2	[illegible]	[illegible]	64.2	64.2	[illegible]
≥ 18000		[illegible]	64.2	64.2	64.2	64.2	64.2	[illegible]	64.2	64.2	64.2	64.2	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000		[illegible]	64.5	64.5	64.5	64.5	64.5	[illegible]	64.5	64.5	64.5	64.5	64.5	64.5	64.5	[illegible]
≥ 14000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 12000		69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	[illegible]
≥ 10000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	[illegible]
≥ 9000		75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	[illegible]
≥ 8000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	[illegible]
≥ 7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	[illegible]
≥ 6000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	[illegible]
≥ 5000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	[illegible]
≥ 4500		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	[illegible]
≥ 4000		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	[illegible]
≥ 3500		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	[illegible]
≥ 3000		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	[illegible]
≥ 2500		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	[illegible]
≥ 2000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	[illegible]
≥ 1800		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	[illegible]
≥ 1500		98.4	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	[illegible]
≥ 1200		98.9	98.9	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	[illegible]
≥ 1000		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 900		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 800		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 700		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 600		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 500		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 400		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 300		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 200		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 100		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
0		99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-7 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	65.6	
≥ 20000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	
≥ 18000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
≥ 16000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
≥ 14000		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	76.3	
≥ 12000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	
≥ 10000		79.6	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
≥ 9000		79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	
≥ 8000		83.3	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
≥ 7000		84.8	85.3	85.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	
≥ 6000		85.1	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	
≥ 5000		86.7	86.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 4500		86.9	87.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 4000		86.7	86.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 3500		86.1	86.7	86.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 3000		87.0	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
≥ 2500		87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
≥ 2000		88.1	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	
≥ 1800		88.1	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	
≥ 1500		96.2	96.9	97.3	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
≥ 1200		97.9	98.4	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
≥ 1000		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 900		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 800		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 700		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 600		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 500		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 400		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 300		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 200		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
≥ 100		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
0		97.9	98.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 1-6

DIRNAVOCEANMET SMOS

MAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 72-76 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 20000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 9000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000		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	88.7	88.7
≥ 6000		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	88.7	88.7
≥ 5000		89.8	89.8	89.8	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		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000		89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500		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	90.3	90.3
≥ 3000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700		98.9	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	99.5
≥ 600		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 196

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] ISLAND | 73-77 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]2.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 20000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000		67.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000		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	68.8	68.8
≥ 14000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000		74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000		79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000		79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 8000		83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000		84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000		85.1	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
≥ 5000		86.6	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	87.1
≥ 4500		86.8	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	87.1
≥ 4000		87.1	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	87.6
≥ 3500		87.1	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	87.6
≥ 3000		88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500		88.4	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000		88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800		88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500		98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		97.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		97.9	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	99.5
≥ 900		97.9	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	99.5
≥ 800		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.9	99.5	99.5	99.5	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 [illegible]

DIPNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] 1 (STATION) [illegible], GARCIA ISLAND (STATION NAME) 73-78 (YEARS) A (MONTH)

1400 (HOURS L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000		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	61.8
≥ 18000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000		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	63.4
≥ 14000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000		70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 10000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000		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
≥ 6000		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
≥ 5000		78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4500		78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000		78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3500		79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000		80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500		80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000		81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800		81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500		96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.9	99.5	99.5	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 106

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] DIEGO GARCIA ISLAND | YEARS: 72-7[illegible] | MONTH: JUL | HOURS (L S T): 17

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000		57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 18000		58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 16000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 14000		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	62.9
≥ 12000		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4000		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	76.3	76.3
≥ 3500		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000		77.4	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
≥ 2500		79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000		80.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1800		80.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1500		93.8	95.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		95.2	95.9	97.9	99.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		95.2	97.3	98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible]21 STATION | [illegible] GARCIA ISLAND STATION NAME | 73-7 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		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	61.8
≥ 20000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 18000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 16000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000		78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000		81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000		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	82.3
≥ 8000		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	87.1	87.1
≥ 7000		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	87.6	87.6
≥ 6000		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	87.6	87.6
≥ 5000		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500		88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000		89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500		89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000		90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500		90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000		90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800		90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500		96.4	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	97.3
≥ 1200		97.9	98.9	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
≥ 1000		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.4	99.5	100.0	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 186

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] DIEGO GARCIA ISLAND 73-75 AUG

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

27

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		60.0	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000		68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000		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	68.8	68.8
≥ 14000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000		79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 9000		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	80.1
≥ 8000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000		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	84.4	84.4
≥ 6000		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	84.4	84.4
≥ 5000		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	84.4	84.4
≥ 4500		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	84.4	84.4
≥ 4000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1500		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200		98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.9	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.9	99.5	99.5	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 196

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] / 21 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-7[illegible] (YEARS) [illegible] (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000		67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000		68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000		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
≥ 12000		74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 10000		78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000		78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000		82.1	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
≥ 7000		82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000		82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500		83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000		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	84.7
≥ 3500		84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000		85.2	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	85.9
≥ 2500		85.3	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000		86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800		86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500		96.5	97.2	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200		97.9	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		98.2	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		98.2	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800		98.2	99.0	99.3	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0		98.2	99.1	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1488

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] DIEGO GARCIA ISLAND 73-79 SEP

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000		64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000		64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000		66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 12000		69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000		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	74.3
≥ 7000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4000		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	76.2	76.2
≥ 3500		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	76.2	76.2
≥ 3000		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	76.2	76.2
≥ 2500		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	76.2	76.2
≥ 2000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1800		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200		94.3	94.3	94.3	95.2	95.2	95.2	95.2	95.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		94.3	95.7	95.7	96.7	96.7	96.7	96.7	96.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		94.3	95.7	95.7	96.7	96.7	96.7	96.7	96.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		95.2	96.2	96.7	97.6	97.6	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 219

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | DIE GARCIA ISLAND | 73-79 | [illegible]
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000		67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000		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	68.1	68.1
≥ 14000		70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 12000		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000		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	77.6	77.6
≥ 7000		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000		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	81.0
≥ 4500		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	81.9	81.9
≥ 4000		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	81.9	81.9
≥ 3500		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	81.9	81.9
≥ 3000		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	82.4	82.4
≥ 2500		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	82.4	82.4
≥ 2000		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	82.9
≥ 1800		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	82.9
≥ 1500		94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200		97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.5	100.0	100.0	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 210

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] STATION | [illegible] GARCIA ISLAND STATION NAME | 73-75 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 16000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000		63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000		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	68.6	68.6
≥ 10000		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	72.9	72.9
≥ 9000		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	72.9	72.9
≥ 8000		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	76.2	76.2
≥ 7000		77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000		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	77.6	77.6
≥ 5000		79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500		79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000		81.9	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	82.4
≥ 2500		81.9	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	82.4
≥ 2000		82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800		82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500		82.9	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	93.3
≥ 1200		95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000		95.7	96.7	97.1	97.1	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		96.2	97.1	97.6	97.6	98.1	98.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800		96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		96.7	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.7	99.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.7	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.7	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.7	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		96.7	98.1	98.6	99.1	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 410

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[redacted] STATION | [redacted] GALICIA ISLA[illegible] STATION NAME | 73-79 YEARS | [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000		61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 18000		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	61.9
≥ 16000		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000		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	64.8
≥ 12000		69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000		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	72.9	72.9
≥ 9000		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	72.9	72.9
≥ 8000		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	74.3
≥ 7000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 5000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4500		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 4000		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	77.6	77.6
≥ 3500		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	79.1	79.1
≥ 3000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2500		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000		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	81.9	81.9
≥ 1800		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	81.9	81.9
≥ 1500		92.4	92.4	92.4	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200		94.8	95.2	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000		97.1	97.6	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
≥ 900		97.1	97.6	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
≥ 800		97.1	97.6	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		97.1	97.6	98.1	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		97.1	97.6	98.1	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000		61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 16000		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000		65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 12000		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
≥ 10000		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	74.3
≥ 9000		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	74.3
≥ 8000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000		77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 6000		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	77.6	77.6
≥ 5000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000		79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000		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	81.9	81.9
≥ 2500		81.9	81.9	81.9	81.9	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2000		83.3	83.3	83.8	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800		83.3	83.3	83.8	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500		93.3	94.3	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200		94.1	95.7	96.2	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		95.2	96.2	97.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900		95.2	96.2	97.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5
≥ 700		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5
≥ 600		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
≥ 500		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
≥ 400		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
≥ 300		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
≥ 200		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
≥ 100		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0
≥ 0		95.2	96.7	98.1	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

17 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [redacted] 810

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 22

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[redacted] (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-79 (YEARS) SEP (MONTH)

ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000		63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000		63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000		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	64.5	64.5
≥ 14000		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	66.4	66.4
≥ 12000		70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000		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	73.9	73.9
≥ 9000		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	74.1	74.1
≥ 8000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000		77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000		78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000		79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500		79.1	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000		79.8	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3500		80.4	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3000		81.4	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
≥ 2500		81.4	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000		82.2	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800		82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500		92.4	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200		94.6	95.4	95.8	95.9	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 1000		95.4	96.6	97.0	97.2	97.4	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 900		95.9	96.7	97.1	97.3	97.5	97.9	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.4	98.4
≥ 800		96.1	97.4	97.9	98.2	98.4	99.0	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700		96.1	97.4	97.9	98.3	98.5	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 600		96.1	97.4	97.9	98.3	98.5	99.1	99.1	99.1	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 500		96.1	97.4	97.9	98.3	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400		96.1	97.4	97.9	98.3	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300		96.1	97.4	97.9	98.3	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200		96.1	97.4	97.9	98.3	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100		96.1	97.4	97.9	98.3	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0		96.1	97.4	97.9	98.3	98.5	99.2	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 16

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] GARCIA ISLAND 73-78 OCT

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000		59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000		59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000		59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000		63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000		67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 5000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4000		76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500		76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3000		76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500		76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2000		76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800		76.5	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1500		93.1	94.0	94.9	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		93.6	94.0	95.9	96.7	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 900		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 800		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 700		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 600		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 500		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 400		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 300		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 200		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
≥ 100		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0
0		94.9	97.2	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] 221 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-7[illegible] (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

03 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000		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	64.1
≥ 18000		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	64.1
≥ 16000		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	64.1
≥ 14000		66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000		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	75.6	75.6
≥ 9000		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	75.6	75.6
≥ 8000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000		77.4	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500		77.4	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2500		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1500		94.5	94.9	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		95.9	96.8	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		97.7	98.6	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
≥ 900		97.7	98.6	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
≥ 800		97.7	98.6	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
≥ 700		97.7	98.6	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
≥ 600		97.7	98.6	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
≥ 500		97.7	98.6	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
≥ 400		97.7	98.6	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
≥ 300		97.7	98.6	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
≥ 200		97.7	98.6	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
≥ 100		97.7	98.6	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
≥ 0		97.7	98.6	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 [illegible]217

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] | DIEGO GARCIA ISLAND | 73-79 | OCT

STATION | STATION NAME | YEARS | MONTH

ALL

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000		60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 18000		60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000		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	64.5	64.5
≥ 12000		69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000		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	75.1	75.1
≥ 9000		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	75.1	75.1
≥ 8000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000		[illegible]	[illegible]	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000		81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000		82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500		[illegible]	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000		[illegible]	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500		2.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000		[illegible]	83.0	83.0	83.0	83.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500		[illegible]	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000		83.0	83.4	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800		[illegible]	83.4	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500		[illegible]	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.2
≥ 1200		93.1	94.5	95.4	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000		[illegible]	97.2	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900		[illegible]	97.2	98.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		95.4	97.2	98.2	98.6	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] DIEGO GARCIA ISLAND 73-79 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	57.9	53.9	57.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	57.9	53.9	53.9	53.9
≥ 20000		[illegible].4	6 .4	53.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 18000		[illegible].8	6 .8	61.8	61.8	61.8	60.8	61.8	61.8	61.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000		1.8	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	61.8	61.8
≥ 14000		4.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 9000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000		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	79.7	79.7	79.7
≥ 7000		[illegible].2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000		[illegible].2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 5000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500		[illegible].7	8 .7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000		81.1	81.1	1.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500		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	81.1	81.1	81.1
≥ 3000		81.1	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
≥ 2500		81.1	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
≥ 2000		81.1	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
≥ 1800		81.1	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
≥ 1500		94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200		96.3	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000		98.2	99.1	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	99.5
≥ 900		98.2	99.1	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	99.5
≥ 800		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.2	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.2	99.1	99.5	99.5	99.5	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 217

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

14
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000		60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 12000		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	66.4	66.4
≥ 10000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000		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	75.6	75.6
≥ 7000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000		77.3	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500		77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000		78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2500		78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000		78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1800		78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500		94.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200		96.3	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		96.8	99.1	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
≥ 900		96.8	99.1	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
≥ 800		96.8	99.1	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
≥ 700		96.8	99.1	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
≥ 600		96.8	99.1	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
≥ 500		96.8	99.1	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
≥ 400		96.8	99.1	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
≥ 300		96.8	99.1	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
≥ 200		96.8	99.1	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
≥ 100		96.8	99.1	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
0		96.8	99.1	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 217

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] DIEGO GARCIA ISLAND 73-79 OCT

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000		55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000		56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000		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	61.8
≥ 12000		67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000		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	75.1	75.1
≥ 8000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500		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	79.7	79.7
≥ 4000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500		82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4	83.4
≥ 1800		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4	83.4
≥ 1500		95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3	96.3
≥ 1200		96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.7	97.7
≥ 1000		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 900		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 800		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 700		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 600		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 500		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 400		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 300		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 200		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 100		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 0		97.7	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 73-79 YEARS [illegible] MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 20000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 18000		59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 16000		59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 14000		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	61.8
≥ 12000		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 6000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 5000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000		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	78.3	78.3
≥ 3500		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	78.3	78.3
≥ 3000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000		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	79.7	79.7
≥ 1800		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	79.7	79.7
≥ 1500		97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6
≥ 1200		98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 1000		98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 900		98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 800		98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 700		98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 600		98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 500		98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 400		98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 300		98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 200		98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 100		98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 0		98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2117

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME GARCIA ISLAND | 77-79 YEARS | OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000		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	61.8
≥ 16000		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	61.8
≥ 14000		63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 12000		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 9000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 7000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 6000		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	78.3	78.3
≥ 5000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000		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	79.7	79.7
≥ 3500		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	79.7	79.7
≥ 3000		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500		94.9	94.9	94.9	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200		95.4	96.9	96.3	96.9	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 1000		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		96.8	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.8	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.8	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.8	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.3	98.2	98.6	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000		59.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 18000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000		60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000		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	63.4
≥ 12000		69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000		74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000		74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 8000		77.1	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000		77.7	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
≥ 6000		78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000		78.6	78.7	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
≥ 4500		78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000		79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3500		79.3	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000		79.8	79.9	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
≥ 2500		79.8	79.9	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
≥ 2000		80.3	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 1800		80.3	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5
≥ 1500		94.5	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9
≥ 1200		95.7	96.7	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8
≥ 1000		97.1	98.3	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7
≥ 900		97.1	98.3	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7	99.7
≥ 800		97.1	98.3	98.9	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700		97.1	98.3	98.9	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
≥ 600		97.1	98.3	98.9	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500		97.1	98.3	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400		97.2	98.3	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300		97.1	98.3	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200		97.1	98.3	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100		97.1	98.3	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0		97.1	98.3	98.9	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] DIEGO GARCIA ISLAND 73-79 [illegible]
STATION STATION NAME YEARS MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 20000		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	71.4
≥ 18000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 16000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 8000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000		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	82.9
≥ 6000		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	82.9
≥ 5000		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500		83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000		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	84.3
≥ 3500		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	84.3
≥ 3000		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	84.3
≥ 2500		84.3	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000		84.3	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800		84.9	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500		94.8	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200		97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.1	98.6	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 12000		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	72.9	72.9
≥ 10000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 8000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000		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	81.9	81.9
≥ 5000		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	82.4	82.4
≥ 4500		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	82.9
≥ 4000		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	84.3
≥ 3500		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	84.3
≥ 3000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500		95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200		97.1	97.6	97.6	97.6	97.6	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [redacted] STATION NAME [redacted] YEARS 73-75 MONTH [redacted]

HOURS (L S T.) [redacted]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5	80.5	[illegible]	[illegible]	80.5	80.5	80.5	80.5	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	83.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.5	80.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [redacted]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

17
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		1.	51.	51.	51.	1.	51.	1.	51.	51.	51.	51.	51.	51.	51.	51.
≥ 20000		64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 18000		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	64.8
≥ 16000		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	64.8
≥ 14000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000		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	79.1	79.1
≥ 6000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000		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	82.9
≥ 4500		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	82.9
≥ 4000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500		97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.1	98.1
≥ 1200		97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.6	98.6
≥ 1000		97.6	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.1	99.1
≥ 900		97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5
≥ 800		97.6	99.6	99.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 700		97.6	99.6	99.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 600		97.6	99.6	99.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 500		97.6	99.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 400		97.6	99.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 300		97.6	99.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 200		97.6	99.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 100		97.6	99.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
≥ 0		97.6	99.6	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 210

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] SAIPIA ISLAND | 73-79 | NOV

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000		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	72.9	72.9
≥ 18000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000		75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000		80.0	80.0	80.0	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		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	82.4	82.4
≥ 9000		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	82.4	82.4
≥ 8000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		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	87.1	87.1
≥ 4500		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	87.1	87.1
≥ 4000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800		91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500		96.7	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		97.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		98.1	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	100.0
≥ 900		98.1	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	100.0
≥ 800		98.1	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	100.0
≥ 700		98.1	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	100.0
≥ 600		98.1	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	100.0
≥ 500		98.1	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	100.0
≥ 400		98.1	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	100.0
≥ 300		98.1	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	100.0
≥ 200		98.1	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	100.0
≥ 100		98.1	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	100.0
0		98.1	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	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

1
2

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[redacted] | [redacted] SANTA ISLAND | 73-75 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 20000		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	71.4
≥ 18000		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	71.4
≥ 16000		71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000		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	82.9
≥ 9000		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	82.9
≥ 8000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500		88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000		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	89.5	89.5
≥ 3500		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	89.5	89.5
≥ 3000		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	89.5	89.5
≥ 2500		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	89.5	89.5
≥ 2000		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800		90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		100.0	100.0	100.0	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 210

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] ISLAND YEARS 73-74 MONTH NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		[illegible]	60.7	60.7	60.7	[illegible]	60.7	[illegible]	[illegible]	60.7	[illegible]	60.7	[illegible]	60.7	60.7	[illegible]
≥ 20000		[illegible]	60.5	60.5	60.5	[illegible]	60.5	[illegible]	60.5	60.5	[illegible]	60.5	[illegible]	60.5	60.5	[illegible]
≥ 18000		[illegible]	68.8	68.8	[illegible]	[illegible]	68.8	[illegible]	[illegible]	68.8	[illegible]	68.8	[illegible]	68.8	68.8	[illegible]
≥ 16000		69.1	69.1	69.1	[illegible]	[illegible]	69.1	[illegible]	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 14000		[illegible]	70.8	70.8	70.8	[illegible]	70.8	[illegible]	70.8	70.8	70.8	70.8	70.8	70.8	70.8	[illegible]
≥ 12000		[illegible]	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	[illegible]
≥ 10000		[illegible]	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	[illegible]
≥ 9000		[illegible]	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	[illegible]
≥ 8000		[illegible]	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	[illegible]
≥ 7000		[illegible]	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	[illegible]
≥ 6000		[illegible]	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	[illegible]
≥ 5000		[illegible]	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	[illegible]
≥ 4500		[illegible]	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	[illegible]
≥ 4000		[illegible]	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	[illegible]
≥ 3500		[illegible]	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	[illegible]
≥ 3000		[illegible]	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	[illegible]
≥ 2500		[illegible]	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	[illegible]
≥ 2000		[illegible]	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	[illegible]
≥ 1800		[illegible]	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	[illegible]
≥ 1500		[illegible]	96.2	96.5	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.1	[illegible]
≥ 1200		[illegible]	97.7	98.1	98.3	[illegible]	98.4	98.5	98.5	98.5	98.6	98.6	[illegible]	98.6	98.6	[illegible]
≥ 1000		[illegible]	95.3	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	[illegible]
≥ 900		[illegible]	98.4	98.9	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.8	[illegible]
≥ 800		[illegible]	98.5	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	[illegible]
≥ 700		[illegible]	98.5	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	[illegible]
≥ 600		[illegible]	98.5	99.1	99.5	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	[illegible]
≥ 500		[illegible]	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	[illegible]
≥ 400		[illegible]	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	[illegible]
≥ 300		[illegible]	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	[illegible]
≥ 200		[illegible]	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	[illegible]
≥ 100		[illegible]	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	[illegible]
≥ 0		[illegible]	98.6	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

STATION ___ STATION NAME DIEGO GARCIA ISLAND YEARS 73-79 MONTH DEC

HOURS (L S T) 03

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 18000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000		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	65.4
≥ 12000		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000		72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000		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	75.1
≥ 6000		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	75.6
≥ 5000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000		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
≥ 2500		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
≥ 2000		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1800		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1500		93.6	94.0	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200		95.4	95.9	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		95.9	96.3	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900		95.9	96.3	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		95.9	96.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.3	96.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.3	96.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.3	96.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.3	96.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.3	96.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.3	96.8	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.3	96.8	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.3	96.8	98.6	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 617

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2

[illegible] DIEGO GARCIA ISLAND 73-79 DEC

STATION STATION NAME YEARS MONTH

[illegible]

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000		68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000		68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 12000		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	71.4
≥ 10000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000		77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 6000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4000		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	78.3	78.3
≥ 3500		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	78.3	78.3
≥ 3000		78.3	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500		78.3	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000		79.3	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1800		79.3	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1500		89.4	89.9	92.9	92.6	92.6	92.6	92.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1200		93.5	94.5	95.4	97.7	97.7	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		94.5	95.9	96.8	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]17

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ DANNIA ISLAND STATION NAME _____ 77-79 YEARS _____ MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ½	≥ 0
NO CEILING		57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 20000		62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 18000		62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000		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	64.1
≥ 12000		69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 10000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000		73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000		80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000		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	81.1	81.1
≥ 6000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000		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	84.3
≥ 4500		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	84.3
≥ 4000		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500		86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3000		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	87.6	87.6
≥ 2500		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	87.6	87.6
≥ 2000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500		94.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		97.7	97.7	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.7	98.6	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 73-77 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		1.2	51.2	51.2	51.2	1.2	51.2	1.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000		65.	65.2	65.2	65.2	65.4	65.2	[illegible]	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.
≥ 18000		65.1	65.2	65.2	65.2	65.4	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.
≥ 16000		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	65.4	65.4
≥ 14000		66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.
≥ 12000		70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000		73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.
≥ 9000		73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.
≥ 8000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ 7000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.
≥ 6000		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	79.2	79.
≥ 5000		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	81.1	81.1
≥ 4500		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	81.1	81.1
≥ 4000		82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.
≥ 3500		82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.
≥ 3000		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	84.
≥ 2500		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	84.
≥ 2000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 1800		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.
≥ 1500		94.9	94.9	95.4	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200		96.8	97.7	98.6	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 900		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 800		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 700		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 600		96.	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 500		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 400		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 300		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 200		96.8	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
≥ 100		96.	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.
0		6.	97.7	99.1	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 17

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 20000		64.5	64.5	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000		65.1	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	65.4
≥ 16000		65.4	65.4	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
≥ 14000		66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000		71.3	71.3	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
≥ 10000		74.7	74.7	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
≥ 9000		74.7	74.7	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
≥ 8000		79.3	79.3	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
≥ 7000		79.7	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 6000		81.7	81.7	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
≥ 5000		81.1	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
≥ 4500		81.1	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
≥ 4000		82.5	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500		83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500		85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000		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	87.1	87.1
≥ 1800		86.6	86.6	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
≥ 1500		96.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200		97.2	97.2	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.7	99.1	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.7	99.1	99.5	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 217

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] DIEGO GARCIA ISLAND | 73-74 | [illegible]
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	49.3	47.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 18000	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 16000	[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 12000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	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	79.7	79.7	79.7
≥ 9000	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	79.7	79.7	79.7
≥ 8000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4000	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	87.6	87.6	87.6
≥ 3500	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	87.6	87.6	87.6
≥ 3000	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	88.5	88.5	88.5
≥ 2500	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	88.5	88.5	88.5
≥ 2000	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	90.3	90.3	90.3
≥ 1800	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	90.3	90.3	90.3
≥ 1500	95.4	95.4	95.4	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	97.2	97.2	97.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.6	98.6	98.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.6	98.6	98.6	99.5	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 [illegible]

DIFNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-77 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		4.	54.2	54.2	54.	54.2	54.2	54.	54.2	54.	54.	54.	54.	54.	54.	54.
≥ 20000		1.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 18000		2.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000		2.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000		.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.	67.
≥ 12000		3.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000		3.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000		3.	73.7	73.8	76.0	76.	76.0	76.0	76.0	76.0	76.	76.	76.	76.	76.	76.
≥ 8000		3.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 7000		3.	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000		3.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000		5.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4500		5.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000		6.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500		6.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000		6.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2500		8.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000		8.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800		8.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200		97.8	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.	98.	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
0		97.8	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 217

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5605

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAI 18000																
AVAI 16000																
AVAI 14000																
AVAI 12000																
AVAI 10000																
AVAI 9000																
AVAI 8000																
AVAI 7000																
AVAI 6000																
AVAI 5000																
AVAI 4500																
AVAI 4000																
AVAI 3500																
AVAI 3000																
AVAI 2500																
AVAI 2000																
AVAI 1800																
AVAI 1500																
AVAI 1200																
AVAI 1000																
AVAI 900																
AVAI 800																
AVAI 700																
AVAI 600																
AVAI 500																
AVAI 400																
AVAI 300																
AVAI 200																
AVAI 100																
AVAI 0																

TOTAL NUMBER OF OBSERVATIONS _____ 1776

DRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] YEARS 77-79 MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	57.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.1	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]3

DIRNAVOCEANMET SMO3

2

SKY COVER

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		
TOTALS														

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2

SKY COVER

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		
TOTALS											30.4	1.3	6.5	1352

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SKY COVER

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		
TOTALS														

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SKY COVER

STATION _____ STATION NAME _____ PERIOD 74-77 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		
		1.0			[illegible]						34.4	15.6	5.6	[illegible]
		[illegible]			41.3						29.4	15.6	5.4	[illegible]
		12.0			[illegible]						27.2	[illegible]	5.2	[illegible]
	[illegible]	[illegible]			[illegible]						33.9	24.4	6.5	[illegible]
	18	12.0			[illegible]						34.4	23.2	6.3	[illegible]
	[illegible]	11.2			1.1						30.7	20.5	6.2	[illegible]
		[illegible]			37.[illegible]						[illegible]0.1	21.6	5.5	[illegible]
	[illegible]	11.2			27.[illegible]						32.2	17.3	5.9	[illegible]
TOTALS		1.[illegible]			[illegible]						33.7	20.9	6.1	144[illegible]

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2

SKY COVER

701 STATION | [illegible] STATION NAME | 74-78 PERIOD | MAY 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	[illegible]	.1			4.0						[illegible]	1.4	[illegible]	1[illegible]
	[illegible]	.7			[illegible]1.1						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	1[illegible]			[illegible]1						[illegible]	[illegible]	[illegible]	[illegible]
	11	1.0			[illegible]						[illegible]	[illegible]	[illegible]	1[illegible]
	11	[illegible]			31.7						[illegible]	1[illegible]	[illegible]	[illegible]
	1[illegible]	11.[illegible]			21.7						[illegible]	[illegible]	[illegible]	1
	[illegible]	11.[illegible]			43.[illegible]						[illegible]	1[illegible]	[illegible]	1[illegible]
	[illegible]	[illegible]			4[illegible]						[illegible]	1[illegible]	[illegible]	[illegible]
TOTALS		11.[illegible]			[illegible].9						[illegible].1	1[illegible].3	5.8	14[illegible]

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SKY COVER

STATION _____ STATION NAME _____ PERIOD 74-75 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		
TOTALS														

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SKY COVER

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		
TOTALS														

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2

SKY COVER

STATION _____ STATION NAME SAN CLEMENTE ISLAND PERIOD 73-76 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		
	1	11.2			2.2						32.2	24.2	6.6	124
		14.4			32.						32.8	19.9	5.8	124
		1.7			23.1						30.2	34.2	6.4	124
	11	1.1			22.						35.7	34.7	6.5	124
	12	12.4			21.7						42.3	26.2	6.0	124
	13	2.7			18.2						37.6	34.4	7.4	124
	2	11.3			22.1						32.8	25.3	6.3	124
	24	12.			22.2						26.2	29.8	6.4	124
TOTALS		1.2			25.6						35.6	25.9	6.6	1488

2

SKY COVER

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		
TOTALS														

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2

SKY COVER

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		
TOTALS														

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2

SKY COVER

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		
TOTALS														

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SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

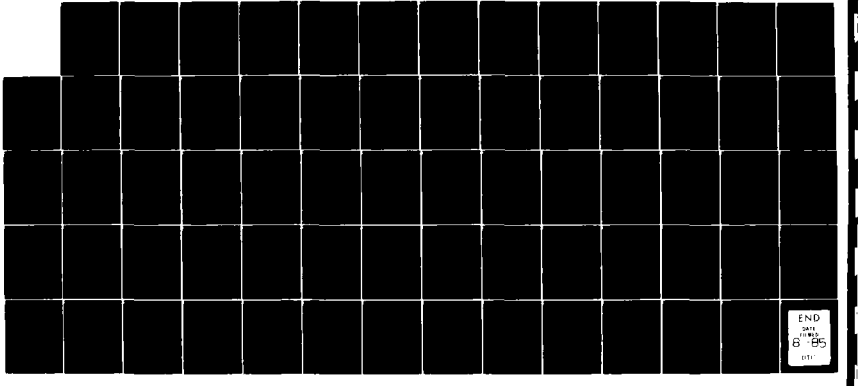
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

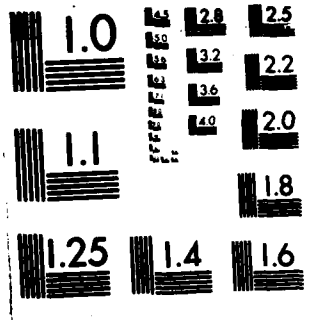
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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AD A180 397 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) DIEGO GARCIA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC MAR 84 4/4

UNCLASSIFIED F/G 4/2 NL





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

NOCD, Federal Building
Asheville, N. C.

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 presentation 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 deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all 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 vertically. Also provided for each dry-bulb temperature interval is the total no. 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 require two pages in some cases.

      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 (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations 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 tabulations 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 available are combined. Tables are prepared for the following:

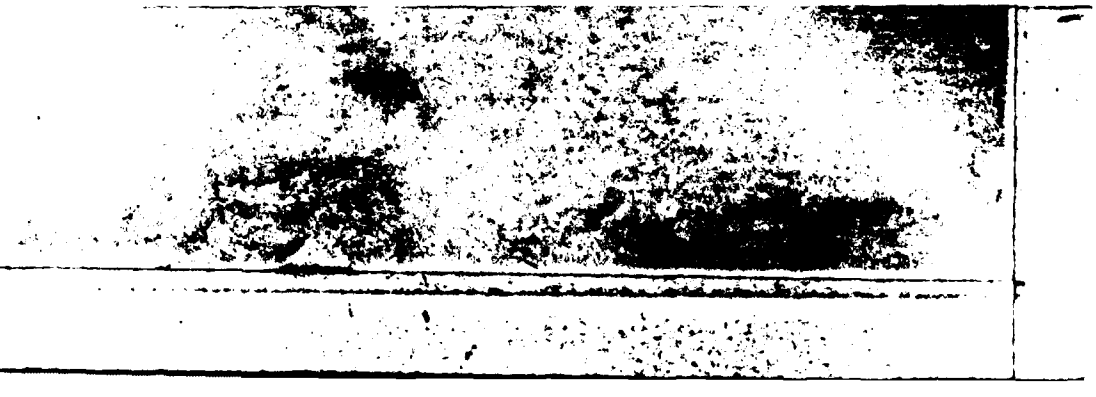
a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

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.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).



2

SKY COVER

7 701 DIEGO GARCIA ISLAND 73-79 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	11.0			2[illegible]						36.6	[illegible]0.9	7.0	14[illegible]
FEB		13.7			26.6						39.4	21.3	[illegible]	12[illegible]
MAR		10.2			3[illegible]						33.9	17.8	[illegible]	14[illegible]
APR		12.3			32.2						33.7	20.9	6.1	144[illegible]
MAY		11.7			38.9						30.1	19.3	5.9	14[illegible]8
JUN		10.[illegible]			34.8						35.3	19.[illegible]	[illegible].1	144[illegible]
JUL		15.3			21.9						32.5	31.7	6.8	14[illegible]8
AUG		12.[illegible]			25.6						35.6	25.9	6.6	14[illegible]8
SEP		12.3			23.3						31.7	31.7	6.7	16[illegible]0
OCT		12.2			24.5						31.9	30.5	6.7	1736
NOV		12.[illegible]			31.7						33.1	23.2	6.2	16[illegible]
DEC		11.2			29.[illegible]						34.9	24.1	6.4	1736
TOTALS		12.3			29.[illegible]						34.0	24.7	6.4	19[illegible]4

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DAILY TEMPERATURES

72701 STATION | DIEGO GARCIA ISLAND STATION NAME | 73-82 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
≥ 95			.5										.0
≥ 90	2.5	1.8	8.8	5.8	2.0	.8				1.8		2.2	2.1
≥ 85	46.2	69.8	80.6	86.7	85.5	53.5	23.0	16.1	30.4	44.1	52.2	52.0	52.7
≥ 80	97.5	99.1	100.0	100.0	99.2	100.0	97.2	98.0	97.1	98.2	99.3	99.3	99.7
≥ 75	100.0	100.0			100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥													
≥													
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MEAN	84.5	85.8	86.7	86.4	86.2	84.9	83.6	83.0	83.8	84.5	84.7	84.8	84.9
S.D.	2.355	2.206	2.264	1.891	1.833	1.783	1.903	1.666	2.161	2.151	1.953	2.287	2.309
TOTAL OBS.	279	225	217	240	248	241	248	248	240	279	270	279	3014

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C2-

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DAILY TEMPERATURES

78751	DIEGO GARCIA ISLAND	73-87	
STATION	STATION NAME	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	3.2	12.9	19.8	20.4	28.6	9.5	4.4		.8	1.8	2.2	3.2	8.5
≥ 75	83.9	85.3	85.7	87.9	86.7	83.8	71.4	71.4	80.8	79.6	82.6	82.4	81.7
≥ 70	100.0	100.0	100.0	100.0	100.0	99.6	99.6	100.0	100.0	99.3	100.0	99.3	99.8
≥ 65						100.0	100.0			100.0		100.0	100.0
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MEAN	76.3	77.0	77.4	77.5	78.0	76.9	76.9	75.3	75.7	75.9	76.2	76.2	76.5
S.D.	1.955	2.300	2.659	2.490	2.548	2.461	2.450	1.864	1.771	2.075	1.887	2.157	2.352
TOTAL OBS.	279	225	217	240	248	241	248	248	240	279	270	279	3014

NAVWEASERVCOM

DAILY TEMPERATURES

STATION	STATION NAME	YEARS
70701	DIEGO GARCIA ISLAND	73-82

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85	1.3	4.0	16.1	9.6	9.3	3.7	2.4			1.1		2.2	3.9
≥ 80	78.1	97.6	89.9	91.7	91.9	81.7	60.5	49.2	65.0	76.7	83.0	76.7	77.5
≥ 75	100.0	100.0	100.0	100.0	100.0	100.0	98.4	99.6	100.0	99.6	100.0	99.6	99.8
≥ 70							100.0	100.0		100.0		100.0	100.0
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MEAN	80.7	81.6	82.3	82.2	82.4	81.2	80.0	79.5	80.0	80.5	80.8	80.8	81.0
S.D.	1.778	1.944	2.127	1.856	1.928	1.855	1.942	1.454	1.590	1.756	1.529	1.839	2.013
TOTAL OBS.	279	225	217	240	248	241	248	248	240	279	270	279	3014

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	JANUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	80.8	27.1	84.7	29.3	88	31.1	1981	76.9	24.9	74	23.3	1978
2	81.4	27.4	85.6	29.8	88	31.1	1981*	77.2	25.1	75	23.9	1977
3	81.6	27.6	85.7	29.8	90	32.2	1982	77.6	25.3	75	23.9	1980
4	79.5	26.4	83.9	28.8	89	31.7	1981	75.1	23.9	72	22.2	1981*
5	80.8	27.1	84.9	29.4	90	32.2	1981	76.8	24.9	73	22.8	1977
6	80.4	26.9	84.1	28.9	86	30.0	1975	76.7	24.8	74	23.3	1975
7	79.7	26.5	83.7	28.7	89	31.7	1978	75.8	24.3	73	22.8	1975
8	80.8	27.1	85.1	29.5	88	31.1	1981*	76.6	24.8	75	23.9	1982*
9	80.9	27.2	85.3	29.6	90	32.2	1977	76.6	24.8	73	22.8	1981
10	80.9	27.2	84.8	29.3	87	30.6	1977	77.0	25.0	72	22.2	1975
11	80.3	26.8	84.3	29.1	86	30.0	1981*	76.2	24.6	72	22.2	1982
12	80.8	27.1	85.6	29.8	89	31.7	1977	76.0	24.4	73	22.8	1975
13	81.6	27.6	86.3	30.2	89	31.7	1977*	76.9	24.9	75	23.9	1982*
14	80.1	26.7	84.2	29.0	88	31.1	1975	75.9	24.4	73	22.8	1978
15	80.6	27.0	84.6	29.2	90	32.2	1977	76.6	24.8	75	23.9	1981*
16	80.2	26.8	84.8	29.3	89	31.7	1977	75.7	24.3	73	22.8	1982*
17	80.2	26.8	84.0	28.9	87	30.6	1980*	76.3	24.6	73	22.8	1982
18	79.9	26.6	84.0	28.9	87	30.6	1980*	75.9	24.4	73	22.8	1982
19	80.6	27.0	84.8	29.3	88	31.1	1981*	76.4	24.7	73	22.8	1982*
20	80.7	27.1	84.6	29.2	89	31.1	1978	76.8	24.9	73	22.8	1982
21	79.7	26.5	84.0	28.9	88	31.1	1981*	75.3	24.1	72	22.2	1975
22	80.3	26.8	84.3	29.1	88	31.1	1981*	76.3	24.6	70	21.1	1975
23	79.1	26.2	83.3	28.5	88	31.1	1981	74.9	23.8	70	21.1	1979
24	80.2	26.8	84.3	29.1	90	32.2	1981	76.1	24.5	74	23.3	1980*
25	79.4	26.3	82.9	28.3	88	31.1	1981	76.0	24.4	74	23.3	1978*
26	80.7	27.1	85.0	29.4	91	32.8	1981	76.3	24.6	73	22.8	1975
27	80.6	27.0	85.3	29.6	90	32.2	1981	75.9	24.4	73	22.8	1981
28	79.7	26.5	83.3	28.5	86	30.0	1978*	76.1	24.5	74	23.3	1980*
29	80.6	27.0	84.3	29.1	87	30.6	1975	76.8	24.9	75	23.9	1981*
30	80.9	27.2	85.0	29.4	87	30.6	1980*	76.9	24.9	75	23.9	1981
31	80.0	26.7	83.4	28.6	85	29.4	1978	76.6	24.8	73	22.8	1975
Monthly	80.4	26.9	84.8	29.2	91	32.8	1981	76.3	24.6	70	21.1	1979*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	FEBRUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	79.2	26.2	83.7	28.7	87	30.6	1977	74.6	23.7	73	22.8	1982*
2	81.1	27.3	85.4	29.7	89	31.7	1978	76.7	24.8	73	22.8	1981
3	80.5	26.9	84.1	28.9	87	30.6	1977	76.9	24.9	75	23.9	1981*
4	80.6	27.0	84.4	29.1	87	30.6	1978	76.7	24.8	73	22.8	1981
5	81.1	27.3	84.7	29.3	88	31.1	1981	77.4	25.2	76	24.4	1978*
6	80.0	26.7	84.0	28.9	87	30.6	1976	76.0	24.4	74	23.3	1978
7	80.4	26.9	84.7	29.3	87	30.6	1978	76.1	24.5	73	22.8	1982*
8	81.3	27.4	85.4	29.7	88	31.1	1978	77.2	25.1	75	23.9	1982*
9	81.8	27.7	86.4	30.2	90	32.2	1978	77.2	25.1	73	22.8	1975
10	81.9	27.7	86.5	30.3	88	31.1	1982*	77.4	25.2	73	22.8	1974
11	81.5	27.5	85.2	29.6	88	31.1	1982*	77.7	25.4	74	23.3	1976*
12	81.8	27.7	86.0	30.0	88	31.1	1981*	77.6	25.3	74	23.3	1974
13	81.4	27.4	86.0	30.0	88	31.1	1981*	76.9	24.9	73	22.8	1977
14	80.7	27.1	85.4	29.7	88	31.1	1981*	76.0	24.4	72	22.2	1975
15	80.4	26.9	84.6	29.2	89	31.7	1978	76.2	24.6	72	22.2	1975
16	81.1	27.3	85.9	29.9	88	31.1	1981*	76.4	24.7	73	22.8	1974
17	81.9	27.7	85.7	29.8	88	31.1	1978*	78.0	25.6	74	23.3	1974
18	81.8	27.7	86.0	30.0	89	31.7	1981	77.6	25.3	74	23.3	1974
19	81.7	27.6	86.7	30.4	90	32.2	1981	76.7	24.8	75	23.9	1981*
20	81.7	27.6	86.2	30.1	88	31.1	1981	77.2	25.1	73	22.8	1975
21	81.2	27.3	85.4	29.7	88	31.1	1975	77.0	25.0	75	23.9	1982*
22	82.1	27.8	85.9	29.9	89	31.7	1975	78.2	25.7	75	23.9	1974
23	81.8	27.7	85.9	29.9	88	31.1	1981*	77.7	25.4	74	23.3	1974
24	82.0	27.8	86.7	30.4	90	32.2	1981	77.2	25.1	75	23.9	1981*
25	82.5	28.1	87.0	30.6	89	31.7	1977	78.0	25.6	74	23.3	1974
26	80.9	27.2	86.0	30.0	89	31.7	1977	75.7	24.3	72	22.2	1979
27	81.1	27.3	85.7	29.8	88	31.1	1982*	76.5	24.7	73	22.8	1974
28	82.0	27.8	86.6	30.3	90	32.2	1981	77.4	25.2	74	23.3	1979
29	81.0	27.2	86.0	30.0	86	30.0	1976	76.0	24.4	76	24.4	1976
30												
31												
Monthly	81.3	27.4	85.6	29.8	90	32.2	1981*	77.0	25.0	72	22.2	1979*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	MARCH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	81.6	27.6	86.6	30.3	90	32.2	1981	76.6	24.8	73	22.8	1975
2	82.8	28.2	87.3	30.7	90	32.2	1982*	78.3	25.7	74	23.3	1974
3	82.6	28.1	88.9	31.6	95	35.0	1974	76.3	24.6	72	22.2	1979
4	82.4	28.0	87.7	30.9	90	32.2	1981	77.1	25.1	74	23.3	1979*
5	81.9	27.7	86.7	30.4	91	32.8	1981	77.1	25.1	73	22.8	1974
6	81.4	27.4	86.3	30.2	91	32.8	1981	76.4	24.7	72	22.2	1979
7	82.4	28.0	87.0	30.6	90	32.2	1981	77.9	25.5	72	22.2	1975
8	82.1	27.8	86.7	30.4	91	32.8	1981	77.4	25.2	73	22.8	1975
9	82.1	27.8	87.0	30.6	90	32.2	1982*	77.3	25.2	73	22.8	1974
10	81.0	27.2	85.4	29.7	90	32.2	1981	76.6	24.8	72	22.2	1975
11	81.6	27.6	85.6	29.8	88	31.1	1981*	77.6	25.3	74	23.3	1975
12	82.5	28.1	87.1	30.6	90	32.2	1982	77.9	25.5	73	22.8	1975
13	82.4	28.0	86.7	30.4	90	32.2	1981	78.0	25.6	75	23.9	1975*
14	82.1	27.8	86.9	30.5	90	32.2	1978	77.4	25.2	75	23.9	1974
15	82.1	27.8	86.4	30.2	90	32.2	1981	77.9	25.5	74	23.3	1979
16	81.6	27.6	85.9	29.9	89	31.7	1978	77.4	25.2	75	23.9	1979
17	82.1	27.8	86.6	30.3	89	31.7	1978*	77.7	25.4	73	22.8	1974
18	82.4	28.0	87.0	30.6	90	32.2	1981	77.7	25.4	75	23.9	1978*
19	81.1	27.3	85.4	29.7	88	31.1	1977	76.7	24.8	74	23.3	1978
20	80.8	27.1	85.6	29.8	88	31.1	1978*	76.0	24.4	73	22.8	1982
21	82.1	27.8	87.3	30.7	89	31.7	1977	76.9	24.9	73	22.8	1974
22	81.2	27.3	86.3	30.2	88	31.1	1982*	76.1	24.5	75	23.9	1982*
23	82.5	28.1	87.1	30.6	88	31.1	1981*	77.9	25.5	75	23.9	1977
24	82.7	28.2	87.1	30.6	88	31.1	1982*	78.3	25.7	75	23.9	1977
25	83.1	28.4	87.9	31.1	88	31.1	1982*	78.4	25.8	75	23.9	1974
26	81.9	27.7	86.3	30.2	88	31.1	1981*	77.6	25.3	75	23.9	1978
27	82.4	28.0	87.0	30.6	88	31.1	1981*	77.7	25.4	71	21.7	1974
28	81.8	27.7	86.3	30.2	88	31.1	1978*	77.3	25.2	71	21.7	1974
29	82.7	28.2	87.7	30.9	90	32.2	1981	77.7	25.4	74	23.3	1974
30	82.0	27.8	86.9	30.5	88	31.1	1982*	77.1	25.1	75	23.9	1981*
31	81.7	27.6	85.1	29.5	88	31.1	1978	78.3	25.7	74	23.3	1975
Monthly	82.0	27.8	86.7	30.4	95	35.0	1974	77.4	25.2	71	21.7	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	APRIL

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	81.9	27.7	86.5	30.3	88	31.1	1981*	77.2	25.1	75	23.9	1982*
2	82.1	27.8	86.5	30.3	88	31.1	1978*	77.6	25.3	73	22.8	1974
3	81.8	27.7	86.5	30.3	91	32.8	1977	77.1	25.1	72	22.2	1974
4	81.7	27.6	87.0	30.6	89	31.7	1978	76.4	24.7	70	21.1	1974
5	81.6	27.6	87.1	30.6	89	31.7	1978	76.0	24.4	71	21.7	1974
6	82.3	27.9	86.6	30.3	90	32.2	1981	78.0	25.6	74	23.3	1975
7	81.4	27.4	86.5	30.3	90	32.2	1981	76.2	24.6	72	22.2	1975
8	81.4	27.4	86.5	30.3	90	32.2	1981	76.2	24.6	71	21.7	1979
9	82.6	28.1	87.2	30.7	91	32.8	1981	77.9	25.5	73	22.8	1974
10	82.0	27.8	86.5	30.3	90	32.2	1981	77.5	25.3	74	23.3	1975*
11	82.1	27.8	86.5	30.3	90	32.2	1982*	77.7	25.4	74	23.3	1975
12	82.7	28.2	86.9	30.5	91	32.8	1981	78.5	25.8	74	23.3	1975
13	81.7	27.6	86.6	30.3	88	31.1	1981*	76.9	24.9	75	23.9	1979
14	82.4	28.0	86.7	30.4	88	31.1	1982*	78.0	25.6	76	24.4	1975
15	82.4	28.0	87.1	30.6	90	32.2	1981	77.7	25.4	75	23.9	1975*
16	82.1	27.8	86.4	30.2	88	31.1	1979*	77.9	25.5	75	23.9	1975*
17	82.2	27.9	86.9	30.5	88	31.1	1982*	77.6	25.3	75	23.9	1974
18	81.6	27.6	86.0	30.0	88	31.1	1982*	77.2	25.1	72	22.2	1974
19	82.1	27.8	86.1	30.1	90	32.2	1982	78.0	25.6	75	23.9	1976
20	82.2	27.9	86.4	30.2	90	32.2	1982*	78.1	25.6	75	23.9	1976
21	82.6	28.1	86.9	30.5	90	32.2	1981	78.4	25.8	76	24.4	1975
22	81.4	27.4	85.1	29.5	86	30.0	1982*	77.7	25.4	73	22.8	1974
23	81.4	27.4	85.4	29.7	89	31.7	1977	77.5	25.3	74	23.3	1974
24	81.9	27.7	86.7	30.4	88	31.1	1982*	77.0	25.0	71	21.7	1975
25	81.6	27.6	84.9	29.4	89	31.7	1977	78.4	25.8	74	23.3	1975
26	81.6	27.6	85.5	29.7	89	31.7	1976	77.7	25.4	74	23.3	1975
27	81.5	27.5	85.2	29.6	87	30.6	1978*	77.7	25.4	74	23.3	1975
28	81.9	27.7	86.6	30.3	89	31.7	1977	77.2	25.1	72	22.2	1975
29	82.3	27.9	86.5	30.3	88	31.1	1978*	78.1	25.6	73	22.8	1975
30	81.9	27.7	85.9	29.9	88	31.1	1977	77.9	25.5	74	23.3	1975
31												
Monthly	82.0	27.8	86.4	30.2	91	32.8	1981*	77.5	25.3	70	21.1	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	MAY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	82.3	27.9	86.4	30.2	88	31.1	1982*	78.2	25.7	73	22.8	1975
2	82.4	28.0	86.4	30.2	88	31.1	1982*	78.4	25.8	74	23.3	1975
3	82.1	27.8	85.9	29.9	88	31.1	1982*	78.4	25.8	76	24.4	1975*
4	82.5	28.1	86.7	30.4	89	31.7	1976	78.2	25.7	75	23.9	1974
5	80.9	27.2	85.4	29.7	88	31.1	1982*	76.5	24.7	72	22.2	1975
6	81.6	27.6	85.9	29.9	88	31.1	1982*	77.2	25.1	73	22.8	1974
7	81.7	27.6	86.1	30.1	88	31.1	1981	77.2	25.1	74	23.3	1974
8	82.7	28.2	86.6	30.3	89	31.7	1977	78.7	25.9	73	22.8	1974
9	82.6	28.1	86.4	30.2	88	31.1	1982*	78.7	25.9	76	24.4	1974
10	82.6	28.1	86.7	30.4	89	31.7	1977	78.5	25.8	74	23.3	1975
11	81.8	27.7	86.4	30.2	88	31.1	1982*	77.2	25.1	73	22.8	1975
12	82.6	28.1	86.9	30.5	88	31.1	1982*	78.2	25.7	74	23.3	1975
13	82.1	27.8	86.6	30.3	89	31.7	1977	77.6	25.3	74	23.3	1975*
14	81.7	27.6	86.2	30.1	88	31.1	1982*	77.2	25.1	72	22.2	1975*
15	82.6	28.1	86.9	30.5	88	31.1	1982*	78.2	25.7	73	22.8	1975
16	82.1	27.8	85.9	29.9	90	32.2	1976	78.4	25.8	73	22.8	1975
17	82.5	28.1	86.5	30.3	90	32.2	1976	78.5	25.8	75	23.9	1975*
18	82.2	27.9	85.9	29.9	89	31.7	1976	78.5	25.8	73	22.8	1975
19	81.7	27.6	85.5	29.7	90	32.2	1976	78.0	25.6	70	21.1	1974
20	81.7	27.6	85.9	29.9	89	31.7	1976	77.5	25.3	73	22.8	1974
21	82.6	28.1	86.6	30.3	90	32.2	1976	78.5	25.8	75	23.9	1974
22	82.8	28.2	86.9	30.5	91	32.8	1976	78.7	25.9	75	23.9	1974
23	82.3	27.9	86.1	30.1	89	31.7	1976	78.5	25.8	74	23.3	1975
24	81.5	27.5	85.1	29.5	88	31.1	1981	77.9	25.5	72	22.2	1975
25	81.6	27.6	85.5	29.7	86	31.1	1981	77.6	25.3	73	22.8	1975
26	81.5	27.5	85.2	29.6	89	31.7	1976	77.7	25.4	73	22.8	1975
27	81.6	27.6	86.5	30.3	88	31.1	1981*	76.7	24.8	72	22.2	1975
28	82.1	27.8	86.0	30.0	89	31.7	1976	78.2	25.7	74	23.3	1974
29	82.1	27.8	85.6	29.8	88	31.1	1976	78.5	25.8	76	24.4	1976*
30	82.1	27.8	86.4	30.2	88	31.1	1981*	77.7	25.4	74	23.3	1974
31	82.0	27.8	85.9	29.9	89	31.1	1981	78.1	25.6	74	23.3	1974
Monthly	82.1	27.8	86.2	30.1	91	32.8	1976	78.0	25.6	70	21.1	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	JUNE

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	81.7	27.6	86.0	30.0	90	32.2	1976	77.5	25.3	75	23.9	1981*
2	82.3	27.9	86.4	30.2	89	31.7	1976	78.2	25.7	76	24.4	1974
3	81.9	27.7	86.2	30.1	90	32.2	1981	77.6	25.3	72	22.2	1974
4	81.2	27.3	85.5	29.7	89	31.7	1976	76.9	24.9	72	22.2	1974
5	81.2	27.3	85.6	29.8	88	31.1	1981*	76.7	24.8	72	22.2	1974
6	81.2	27.3	85.1	29.5	87	30.6	1976	77.4	25.2	73	22.8	1974
7	81.1	27.3	85.2	29.6	87	30.6	1977	76.9	24.9	71	21.7	1975
8	81.0	27.2	85.4	29.7	88	31.1	1981*	76.6	24.8	72	22.2	1975*
9	81.1	27.3	85.2	29.6	88	31.1	1981*	77.0	25.0	74	23.3	1975
10	81.1	27.3	85.4	29.7	88	31.1	1981	76.7	24.8	74	23.3	1975
11	81.0	27.2	84.7	29.3	87	30.6	1977	77.2	25.1	75	23.9	1976*
12	81.2	27.3	85.2	29.6	86	30.0	1982*	77.2	25.1	74	23.3	1974
13	80.8	27.1	84.4	29.1	86	30.0	1976	77.2	25.1	75	23.9	1977*
14	81.2	27.3	85.1	29.5	86	30.0	1981*	77.4	25.2	73	22.8	1975
15	80.5	26.9	84.4	29.1	88	31.1	1981	76.6	24.8	71	21.7	1975
16	80.6	27.0	84.6	29.2	88	31.1	1981	76.6	24.8	72	22.2	1975
17	80.8	27.1	84.6	29.2	86	30.0	1982*	77.0	25.0	72	22.2	1975
18	80.4	26.9	84.7	29.3	88	31.1	1976	76.0	24.4	72	22.2	1975
19	80.9	27.2	84.7	29.3	88	31.1	1981	77.0	25.0	73	22.8	1976
20	80.7	27.1	84.6	29.2	88	31.1	1981	76.9	24.9	73	22.8	1975
21	80.5	26.9	84.2	29.0	86	30.0	1981*	76.7	24.8	72	22.2	1975
22	80.4	26.9	84.0	28.9	88	31.1	1981	76.9	24.9	69	20.6	1975
23	80.4	26.9	83.7	28.7	86	30.0	1981	77.1	25.1	73	22.8	1975
24	80.4	26.9	84.2	29.0	86	30.0	1981*	76.6	24.8	73	22.8	1975*
25	80.2	26.8	84.5	29.2	86	30.0	1982*	76.0	24.4	73	22.8	1978*
26	80.7	27.1	84.7	29.3	87	30.6	1976	76.7	24.8	73	22.8	1978
27	80.2	26.8	84.5	29.2	87	30.6	1976	76.0	24.4	75	23.9	1982*
28	80.6	27.0	84.5	29.2	88	31.1	1981	76.7	24.8	73	22.8	1979
29	81.2	27.3	84.9	29.4	89	31.1	1981	77.5	25.3	74	23.3	1974
30	80.6	27.0	84.2	29.0	87	30.6	1976	77.0	25.0	75	23.9	1978*
31												
Monthly	80.9	27.2	84.9	29.4	90	32.2	1981*	76.9	24.9	69	20.6	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1974-1982	JULY

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	80.6	27.0	84.6	29.2	88	31.1	1981	76.5	24.7	75	23.9	1982*
2	80.3	26.8	84.4	29.1	87	30.6	1977	76.2	24.6	73	22.8	1975
3	80.4	26.9	84.6	29.2	88	31.1	1981	76.1	24.5	72	22.2	1974
4	80.9	27.2	84.4	29.1	86	30.0	1981	77.4	25.2	72	22.2	1975
5	80.7	27.1	84.1	28.9	88	31.1	1981	77.2	25.1	72	22.2	1975
6	80.4	26.9	84.0	28.9	88	31.1	1981	76.7	24.8	74	23.3	1975*
7	80.5	26.9	84.4	29.1	88	31.1	1981	76.6	24.8	74	23.3	1974
8	80.4	26.9	83.9	28.8	88	31.1	1981	76.9	24.9	73	22.8	1975
9	79.8	26.6	83.5	28.6	86	30.0	1981	76.1	24.5	70	21.1	1975
10	80.6	27.0	84.4	29.1	88	31.1	1981	76.7	24.8	75	23.9	1977*
11	80.6	27.0	84.4	29.1	88	31.1	1981	76.9	24.9	72	22.2	1975
12	80.2	26.8	84.1	28.9	88	31.1	1981	76.4	24.7	70	21.1	1975
13	79.9	26.6	83.7	28.7	88	31.1	1981	76.0	24.4	74	23.3	1977*
14	80.1	26.7	83.6	28.7	86	30.0	1981	76.5	24.7	73	22.8	1975
15	79.0	26.1	83.2	28.4	86	30.0	1981*	74.7	23.7	70	21.1	1975
16	79.0	26.1	82.7	28.2	86	30.0	1981*	75.2	24.0	72	22.2	1974
17	79.6	26.4	83.5	28.6	86	30.0	1981	75.6	24.2	72	22.2	1974
18	79.4	26.3	83.2	28.4	85	29.4	1976*	75.6	24.2	72	22.2	1974
19	78.7	25.9	82.9	28.3	88	31.1	1981	74.6	23.7	70	21.1	1975
20	79.5	26.4	82.6	28.1	86	30.0	1981	76.4	24.7	73	22.8	1977*
21	79.1	26.2	83.0	28.3	86	30.0	1974	75.2	24.0	73	22.8	1977*
22	78.6	25.9	82.2	27.9	86	30.0	1974	74.9	23.8	70	21.1	1975
23	79.2	26.2	82.6	28.1	86	30.0	1974	75.9	24.4	73	22.8	1981
24	78.8	26.0	83.0	28.3	88	31.1	1981	74.6	23.7	71	21.7	1978
25	79.0	26.1	83.0	28.3	86	30.0	1974	75.0	23.9	72	22.2	1975
26	79.7	26.5	83.9	28.8	86	30.0	1976	75.6	24.2	69	20.6	1975
27	79.1	26.2	82.5	28.1	85	29.4	1974	75.7	24.3	73	22.8	1976
28	79.8	26.6	84.4	29.1	88	31.1	1981	75.2	24.0	73	22.8	1981*
29	79.2	26.2	83.6	28.7	84	28.9	1982*	74.9	23.8	72	22.2	1977
30	79.6	26.4	83.4	28.6	85	29.4	1976	75.9	24.4	71	21.7	1974
31	78.6	25.9	82.6	28.1	84	28.9	1974	74.5	23.6	72	22.2	1974
Monthly	79.7	26.5	83.6	28.7	88	31.1	1981	75.9	24.4	69	20.6	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1973-1982	AUGUST

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	79.2	26.2	83.2	28.4	85	29.4	1976*	75.1	23.9	73	22.8	1975
2	79.3	26.3	83.1	28.4	86	30.0	1977	75.5	24.2	73	22.8	1975
3	79.2	26.2	82.6	28.1	85	29.4	1977	75.9	24.4	74	23.3	1976*
4	78.2	25.7	81.1	27.3	83	28.3	1977	75.4	24.1	73	22.8	1975
5	78.9	26.1	82.1	27.8	84	28.9	1973	75.6	24.2	75	23.9	1981*
6	79.1	26.2	82.6	28.1	84	28.9	1976*	75.6	24.2	75	23.9	1981*
7	79.2	26.2	83.4	28.6	87	30.6	1977	75.0	23.9	73	22.8	1981
8	78.9	26.1	82.5	28.1	86	30.0	1981	75.4	24.1	72	22.2	1976
9	78.2	25.7	82.0	27.8	84	28.9	1981*	74.4	23.6	71	21.7	1975
10	78.6	25.9	82.5	28.1	83	28.3	1982*	74.7	23.7	72	22.2	1975
11	79.4	26.3	82.9	28.3	85	29.4	1978	76.0	24.4	74	23.3	1975*
12	78.7	25.9	82.5	28.1	84	28.9	1976	75.0	23.9	72	22.2	1974
13	78.5	25.8	82.2	27.9	84	28.9	1975	74.7	23.7	72	22.2	1974
14	79.1	26.2	83.0	28.3	84	28.9	1981*	75.1	23.9	72	22.2	1974
15	79.4	26.3	83.5	28.6	86	30.0	1976*	75.4	24.1	73	22.8	1975*
16	79.2	26.2	83.1	28.4	86	30.0	1976	75.2	24.0	72	22.2	1974
17	79.1	26.2	82.9	28.3	86	30.0	1982	75.2	24.0	72	22.2	1977*
18	79.2	26.2	82.9	28.3	87	30.6	1975	75.6	24.2	71	21.7	1974
19	78.4	25.8	82.1	27.8	86	30.0	1975	74.7	23.7	70	21.1	1974
20	79.0	26.1	83.4	28.6	85	29.4	1975	74.6	23.7	70	21.1	1974
21	79.5	26.4	83.6	28.7	85	29.4	1976	75.4	24.1	73	22.8	1974
22	79.6	26.4	83.5	28.6	87	30.6	1975	75.6	24.2	74	23.3	1974*
23	80.1	26.7	83.7	28.7	87	30.6	1975	76.4	24.7	74	23.3	1974
24	79.1	26.2	83.5	28.6	87	30.6	1975	74.6	23.7	72	22.2	1974
25	79.5	26.4	83.7	28.7	86	30.0	1975	75.2	24.0	72	22.2	1974
26	79.3	26.3	83.4	28.6	85	29.4	1976	75.2	24.0	73	22.8	1981*
27	79.3	26.3	83.4	28.6	85	29.4	1975*	75.2	24.0	74	23.3	1977*
28	80.4	26.9	84.4	29.1	86	30.0	1976*	76.5	24.7	74	23.3	1975
29	79.5	26.4	83.6	28.7	86	30.0	1977	75.4	24.1	72	22.2	1981*
30	79.9	26.6	84.4	29.1	87	30.6	1973	75.5	24.2	72	22.2	1974
31	79.6	26.4	83.5	28.6	86	30.0	1975	75.6	24.2	74	23.3	1974
Monthly	79.2	26.2	83.0	28.3	87	30.6	1977*	75.3	24.1	70	21.1	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1973-1982	SEPTEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	79.2	26.2	83.2	28.4	86	30.0	1976*	75.2	24.0	72	22.2	1974
2	80.3	26.8	84.0	28.9	88	31.1	1973	76.6	24.8	75	23.9	1982*
3	79.6	26.4	83.6	28.7	87	30.6	1975	75.6	24.2	73	22.8	1982
4	79.2	26.2	82.9	28.3	88	31.1	1976	75.5	24.2	73	22.8	1978
5	79.1	26.2	83.2	28.4	88	31.1	1975	75.0	23.9	73	22.8	1976
6	80.0	26.7	84.0	28.9	88	31.1	1975	76.0	24.4	73	22.8	1981
7	80.5	26.9	84.0	28.9	86	30.0	1981*	77.0	25.0	75	23.9	1982*
8	80.1	26.7	83.5	28.6	87	30.6	1975	76.7	24.8	75	23.9	1981*
9	80.1	26.7	85.1	29.5	88	31.1	1975	75.1	23.9	73	22.8	1979*
10	79.9	26.6	83.6	28.7	87	30.6	1975	76.1	24.5	73	22.8	1982*
11	80.5	26.9	84.1	28.9	87	30.6	1975	76.9	24.9	74	23.3	1979
12	79.6	26.4	83.4	28.6	88	31.1	1975	75.7	24.3	72	22.2	1976
13	79.3	26.3	83.1	28.4	86	30.0	1981	75.5	24.2	73	22.8	1979
14	80.6	27.0	85.0	29.4	88	31.1	1975*	76.2	24.6	74	23.3	1974
15	80.1	26.7	83.7	28.7	87	30.6	1975	76.5	24.7	75	23.9	1978*
16	79.9	26.6	84.0	28.9	89	31.7	1976	75.9	24.4	73	22.8	1973
17	79.7	26.5	83.6	28.7	89	31.7	1975	75.7	24.3	74	23.3	1973
18	78.9	26.1	82.6	28.1	86	30.0	1976	75.2	24.0	73	22.8	1976
19	79.9	26.6	83.7	28.7	86	30.0	1976*	76.0	24.4	74	23.3	1975
20	79.4	26.3	83.2	28.4	87	30.6	1976	75.6	24.2	73	22.8	1981
21	80.1	26.7	84.4	29.1	87	30.6	1976	75.9	24.4	75	23.9	1981*
22	79.2	26.2	83.4	28.6	86	30.0	1974	75.1	23.9	72	22.2	1979*
23	79.6	26.4	84.0	28.9	86	30.0	1981*	75.2	24.0	72	22.2	1979
24	79.6	26.4	83.6	28.7	87	30.6	1979	75.5	24.2	74	23.3	1976*
25	79.4	26.3	83.7	28.7	86	30.0	1979*	75.1	23.9	73	22.8	1981*
26	79.6	26.4	83.6	28.7	86	30.0	1976	75.6	24.2	72	22.2	1975
27	79.3	26.3	84.0	28.9	88	31.1	1974	74.6	23.7	72	22.2	1975
28	80.7	27.1	85.1	29.5	87	30.6	1976	76.2	24.6	75	23.9	1981*
29	79.4	26.3	84.0	28.9	87	30.6	1974	74.7	23.7	72	22.2	1976*
30	79.4	26.3	83.5	28.6	88	31.1	1974	75.2	24.0	72	22.2	1976
31												
Monthly	79.7	26.5	83.8	28.8	89	31.7	1976*	75.7	24.3	72	22.2	1979*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1973-1982	OCTOBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	80.0	26.7	84.4	29.1	87	30.6	1979	75.6	24.2	72	22.2	1976
2	79.3	26.3	83.8	28.8	87	30.6	1974	74.9	23.8	72	22.2	1977
3	79.9	26.6	84.4	29.1	88	31.1	1981	75.4	24.1	72	22.2	1975
4	80.0	26.7	84.6	29.2	86	30.0	1981*	75.4	24.1	69	20.6	1975
5	79.7	26.5	83.7	28.7	86	30.0	1974	75.7	24.3	73	22.8	1982
6	79.7	26.5	83.9	28.8	88	31.1	1981	75.4	24.1	73	22.8	1975
7	79.4	26.3	84.0	28.9	90	32.2	1981	74.8	23.8	66	18.9	1975
8	80.1	26.7	84.9	29.4	89	31.7	1976	75.2	24.0	73	22.8	1975
9	79.4	26.3	84.3	29.1	87	30.6	1979*	74.6	23.7	72	22.2	1977*
10	80.2	26.8	84.4	29.1	87	30.6	1979*	76.0	24.4	72	22.2	1975
11	80.2	26.8	85.0	29.4	88	31.1	1979	75.3	24.1	72	22.2	1975
12	79.8	26.6	83.8	28.8	87	30.6	1979	75.8	24.3	71	21.7	1975
13	79.8	26.6	83.4	28.6	86	30.0	1979*	76.2	24.6	73	22.8	1975
14	80.2	26.8	84.2	29.0	86	30.0	1982*	76.1	24.5	73	22.8	1975
15	80.7	27.1	84.9	29.4	88	31.1	1981*	76.6	24.8	70	21.1	1975
16	80.6	27.0	84.7	29.3	88	31.1	1974	76.6	24.8	75	23.9	1981
17	80.6	27.0	85.0	29.4	89	31.7	1974	76.1	24.5	73	22.8	1981*
18	80.3	26.8	84.7	29.3	87	30.6	1974	75.9	24.4	73	22.8	1977
19	80.4	26.9	84.3	29.1	89	31.7	1974	76.6	24.8	75	23.9	1982*
20	80.8	27.1	84.6	29.2	88	31.1	1974	77.1	25.1	75	23.9	1981
21	80.6	27.0	85.0	29.4	90	32.2	1976	76.2	24.6	73	22.8	1981
22	80.9	27.2	85.3	29.6	88	31.1	1974	76.6	24.8	73	22.8	1982*
23	80.7	27.1	85.0	29.4	89	31.7	1974	76.3	24.6	74	23.3	1977
24	80.7	27.1	84.6	29.2	90	32.2	1974	76.8	24.9	73	22.8	1977
25	80.1	26.7	84.3	29.1	90	32.2	1974	75.8	24.3	72	22.2	1976
26	80.7	27.1	85.0	29.4	90	32.2	1974	76.3	24.6	73	22.8	1981*
27	80.7	27.1	84.6	29.2	89	31.7	1974	76.9	24.9	72	22.2	1976
28	80.4	26.9	84.8	29.3	88	31.1	1974	76.0	24.4	73	22.8	1982
29	80.0	26.7	84.7	29.3	87	30.6	1977*	75.3	24.1	73	22.8	1982
30	80.6	27.0	85.0	29.4	88	31.1	1974	76.1	24.5	72	22.2	1975
31	80.3	26.8	84.4	29.1	87	30.6	1976*	76.2	24.6	73	22.8	1981
Monthly	80.2	26.8	84.5	29.2	90	32.2	1981*	75.9	24.4	66	18.9	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1973-1982	NOVEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	80.6	27.0	84.7	29.3	87	30.6	1976	76.6	24.8	74	23.3	1974
2	79.6	26.4	83.8	28.8	86	30.0	1982*	75.3	24.1	71	21.7	1977
3	80.4	26.9	84.4	29.1	88	31.1	1981	76.3	24.6	73	22.8	1974
4	80.0	26.7	84.9	29.4	86	31.1	1981	75.1	23.9	73	22.8	1982*
5	79.7	26.5	84.3	29.1	87	30.6	1976	75.1	23.9	73	22.8	1981
6	80.1	26.7	84.6	29.2	87	30.6	1976	75.6	24.2	73	22.8	1977*
7	80.1	26.7	84.2	29.0	88	31.1	1976	76.0	24.4	72	22.2	1977
8	80.6	27.0	85.2	29.6	88	31.1	1982	76.0	24.4	73	22.8	1982
9	80.3	26.8	84.2	29.0	88	31.1	1976	76.3	24.6	74	23.3	1974
10	80.0	26.7	84.1	28.9	88	31.1	1981	75.9	24.4	72	22.2	1977
11	79.7	26.5	83.4	28.6	86	30.0	1982*	75.9	24.4	73	22.8	1977
12	80.2	26.8	85.1	29.5	88	31.1	1982	75.3	24.1	73	22.8	1982*
13	80.8	27.1	84.4	29.1	86	30.0	1982*	77.2	25.1	75	23.9	1982*
14	80.7	27.1	84.9	29.4	88	31.1	1981	76.6	24.8	75	23.9	1982*
15	79.7	26.5	84.3	29.1	88	31.1	1982	75.1	23.9	73	22.8	1982*
16	80.6	27.0	85.0	29.4	88	31.1	1981	76.1	24.5	74	23.3	1977
17	80.7	27.1	85.6	29.8	88	31.1	1981	75.8	24.3	73	22.8	1976
18	81.3	27.4	85.6	29.8	88	31.1	1982	77.1	25.1	75	23.9	1981*
19	80.3	26.8	84.7	29.3	88	31.1	1976	76.0	24.4	74	23.3	1977
20	81.6	27.6	85.8	29.9	88	31.1	1976	77.4	25.2	75	23.9	1974
21	81.3	27.4	85.8	29.9	88	31.1	1981	76.9	24.9	75	23.9	1982*
22	81.6	27.6	85.7	29.8	88	31.1	1981*	77.6	25.3	75	23.9	1974
23	80.8	27.1	84.8	29.3	89	31.1	1982	76.9	24.9	75	23.9	1975*
24	80.2	26.8	84.1	28.9	88	31.1	1982	76.2	24.6	74	23.3	1979*
25	80.9	27.2	84.9	29.4	88	31.1	1982	76.9	24.9	75	23.9	1981*
26	80.4	26.9	85.1	29.5	88	31.1	1976	75.8	24.3	72	22.2	1977
27	79.9	26.6	84.6	29.2	89	31.1	1982	75.3	24.1	73	22.8	1982*
28	80.3	26.8	84.3	29.1	86	30.0	1982	76.3	24.6	73	22.8	1977
29	80.6	27.0	84.7	29.3	88	31.1	1981	76.6	24.8	74	23.3	1977
30	80.7	27.1	85.1	29.5	89	31.7	1977	76.2	24.6	74	23.3	1976
31												
Monthly	80.5	26.9	84.7	29.3	89	31.7	1977	76.2	24.6	71	21.7	1977

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	DIEGO GARCIA ISLAND	1973-1982	DECEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	80.9	27.2	85.8	29.9	89	31.7	1977	76.1	24.5	74	23.3	1977
2	80.1	26.7	84.0	28.9	86	30.0	1981*	76.2	24.6	74	23.3	1974
3	80.7	27.1	84.9	29.4	88	31.1	1982*	76.6	24.8	73	22.8	1974
4	80.0	26.7	84.3	29.1	86	30.0	1982*	75.7	24.3	73	22.8	1974
5	80.6	27.0	85.0	29.4	89	31.7	1977	76.1	24.5	73	22.8	1974
6	80.2	26.8	84.8	29.3	88	31.1	1982*	75.6	24.2	70	21.1	1974
7	80.6	27.0	84.6	29.2	88	31.1	1982	76.6	24.8	74	23.3	1975*
8	80.9	27.2	85.1	29.5	90	32.2	1982	76.7	24.8	72	22.2	1974
9	78.9	26.1	83.2	28.4	88	31.1	1982	74.7	23.7	70	21.1	1974
10	80.6	27.0	85.2	29.6	90	32.2	1982	76.0	24.4	73	22.8	1974
11	80.4	26.9	85.1	29.5	89	31.7	1976	75.7	24.3	73	22.8	1974
12	80.9	27.2	84.6	29.2	90	32.2	1982	77.2	25.1	74	23.3	1974
13	80.0	26.7	84.2	29.0	87	30.6	1977	75.8	24.3	73	22.8	1981
14	81.3	27.4	85.4	29.7	89	31.7	1976	77.1	25.1	74	23.3	1974
15	80.7	27.1	84.7	29.3	89	31.7	1977	76.7	24.8	74	23.3	1974*
16	81.4	27.4	85.8	29.9	89	31.7	1976	77.1	25.1	71	21.7	1974
17	80.9	27.2	85.2	29.6	88	31.1	1977*	76.6	24.8	74	23.3	1974
18	81.3	27.4	85.6	29.8	89	31.7	1977	77.1	25.1	75	23.9	1981
19	81.4	27.4	85.9	29.9	90	32.2	1982	77.0	25.0	73	22.8	1974
20	81.6	27.6	86.0	30.0	91	32.8	1982	77.2	25.1	74	23.3	1974
21	80.4	26.9	84.7	29.3	88	31.1	1982	76.1	24.5	74	23.3	1978
22	79.7	26.5	84.7	29.3	88	31.1	1982	74.7	23.7	65	18.3	1974
23	79.9	26.6	84.7	29.3	88	31.1	1982*	75.2	24.0	67	19.4	1974
24	80.8	27.1	85.3	29.6	88	31.1	1982	76.3	24.6	74	23.3	1979*
25	80.4	26.9	84.0	28.9	86	30.0	1981*	76.8	24.9	74	23.3	1979*
26	80.9	27.2	84.9	29.4	88	31.1	1982*	76.9	24.9	73	22.8	1979
27	80.4	26.9	84.3	29.1	85	29.4	1978*	76.4	24.7	74	23.3	1978
28	80.2	26.8	84.8	29.3	88	31.1	1982*	75.7	24.3	73	22.8	1982*
29	80.1	26.7	84.7	29.3	88	31.1	1976	75.4	24.1	72	22.2	1974
30	79.2	26.2	83.9	28.8	88	31.1	1976	74.6	23.7	72	22.2	1975
31	80.4	26.9	85.1	29.5	88	31.1	1977*	75.7	24.3	72	22.2	1975
Monthly	80.5	26.9	84.8	29.3	91	32.8	1982	76.2	24.6	65	18.3	1974

*ALSO ON EARLIER YEARS

DRAWVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

70701 DIEGO GARCIA ISLAND 73-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73								87	88	85	86	87	
74	86	87	95	87	88	86	86	85	88	90	87	87	95
75	89	89	89	88	88	86	85	87	89	85	87	87	89
76	86	87		89	91	90	87	86	89	90	88	89	
77	90	89	89	91	89	88	87	87		87	89	90	
78	89	90	90	89	87	88	84	85	85	85	86	86	90
79	86	88	87	88	86	86	85		87	88	87	86	
80	88												
81	91	90	91	91	88	90	88	86	86	90	88	88	91
82	90	88	90	90	88		84	86	86	86	88	91	
MEAN	88.3	88.5	90.1	89.1	88.1	87.7	85.8	86.1	87.3	87.3	87.3	87.9	91.3
S.D.	1.936	1.195	2.478	1.458	1.456	1.799	1.488	.835	1.488	2.236	1.000	1.764	2.630
TOTAL OBS.	279	225	217	240	248	210	248	248	240	279	270	279	2983

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

79701	DIEGO GARCIA ISLAND	73-82
STATION	STATION NAME	YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
82						86							MAX TEMP
						31							DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73								74	73	75	73	74	
74	74	73	71	70	70	72	71	70	72	74	73	65	65
75	70	72	72	71	72	69	69	71	72	66	74	72	66
76	72	74		75	75	73	73	72	72	72	73	74	
77	73	73	75	76	76	75	72	72		72	71	74	
78	73	74	74	73	77	73	71	74	73	74	75	73	71
79	70	72	72	71	76	73	74		72	74	74	73	
80	72												
81	72	73	75	73	75	75	73	72	73	73	73	73	72
82	72	73	73	75	75		73	75	73	73	73	73	
MEAN	72.0	73.0	73.1	73.0	74.5	72.9	72.0	72.5	72.5	72.6	73.2	72.3	68.5
S.D.	1.323	.756	1.574	2.204	2.330	2.035	1.604	1.690	.535	2.651	1.093	2.828	3.512
TOTAL OBS.	279	225	217	240	248	210	248	248	240	279	270	279	2983

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-82 (YEARS)

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
82						75 31							MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

STATION [illegible] GARCIA ISLAND (STATION NAME) 74-79 (YEARS) JAN (MONTH)

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
[illegible] / 87					.1	.1	.1											4	4		
[illegible] / 83					.7	.3	.1											18	18		
87 / 83			.4	1.3	2.8	1.4												88	89		
47 / 63			7.4	7.3	4.1	.5												223	223		
[illegible] / 91		1.5	3.2	8.4	1.3	.3												291	291	15	[illegible]
[illegible] / 79	.1	7.3	12.4	6.9	.6													406	406	148	47
7[illegible] / 77	.9	11.5	7.1	3.3	.1													339	339	489	256
[illegible] / 75	.3	3.7	2.1	.2														100	100	545	521
47 / 73	.3	.5	.2															14	14	235	344
[illegible] / 71		.1																2	2	49	228
[illegible] / 59																				1	73
[illegible] / 67																					8
[illegible]	.3	27.6	33.6	27.1	9.9	2.6	.2												1485		1485
																		1485		1485	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1[illegible]401	124103	83.6	8.60[illegible]	1485							
Dry Bulb	9576338	119216	80.2	2.954	1486			744.0	743.0	415.1		744.0
Wet Bulb	9523911	113129	76.2	1.94[illegible]	1485			744.0	718.9	32.1		744.0
Dew Point	9268711	110757	74.6	2.32[illegible]	1485			744.0	665.3	24.5		744.0

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PSYCHROMETRIC SUMMARY

[illegible] | DIEGO GARCIA ISLAND | 74-79 | [illegible]
STATION | STATION NAME | YEARS | MONTH

[illegible]
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
[illegible] 3[illegible]					.1	.1													4	4		
3[illegible] 87				.1	2.[illegible]	2.[illegible]	.1												7[illegible]	7[illegible]		
[illegible] 8			.[illegible]	3.[illegible]	[illegible].[illegible]	1.9	.1												175	170		
[illegible] 8[illegible]		.1	3.3	[illegible].[illegible]	[illegible].[illegible]	.[illegible]													247	247		
[illegible] 8[illegible]		.9	6.[illegible]	9.3	3.[illegible]														263	263	16	[illegible]
[illegible] 79	.1	4.[illegible]	1[illegible].1	6.[illegible]	.1														281	281	18[illegible]	29
[illegible] 77	.[illegible]	[illegible].1	6.3	1.9	.1														230	230	453	192
[illegible] 7[illegible]	[illegible].0	7.2	1.[illegible]																78	78	480	455
[illegible] 7[illegible]	.4	.4	.1																12	12	197	425
[illegible] 7[illegible]																					21	296
[illegible] 69																						49
[illegible] 67																						[illegible]
[illegible] T[illegible]	1.[illegible]	[illegible].[illegible]	7.[illegible]	28.3	19.3	5.[illegible]	.2													1347		1347
																			1347		1347	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	284 [illegible]3	10[illegible]7[illegible]0	[illegible]0.7	8.[illegible]6[illegible]	134[illegible]							
Dry Bulb	[illegible] 0[illegible]17	1[illegible]9409	[illegible]1.2	3.243	1347			672.0	672.0	442.5		672.[illegible]
Wet Bulb	7 72761	1[illegible]2947	76.4	1.89[illegible]	134[illegible]			672.[illegible]	661.[illegible]	37.4		672.[illegible]
Dew Point	[illegible]483533	100[illegible]61	74.5	2.093	1347			672.0	628.6	15.0		672.0

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PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]							.1											1	1		
8					.[illegible]	.[illegible]	.2											[illegible]	9		
[illegible]			.1	.[illegible]	[illegible]	[illegible]	.1											[illegible]	93		
[illegible]		.1	.	1.6	[illegible]	[illegible]												[illegible]	[illegible]		
[illegible]		.[illegible]	[illegible]	.4	[illegible]	.[illegible]												2[illegible]1	[illegible]1		
[illegible]	.[illegible]	1.[illegible]	.[illegible]	[illegible].7	1.[illegible]													2[illegible]6	[illegible]6	4[illegible]	1
[illegible]7		[illegible]	[illegible]	6.7	.[illegible]													37[illegible]	[illegible]	1[illegible]	.[illegible]
[illegible]	.1	.1	[illegible]	.[illegible]														163	1[illegible]	[illegible]	1[illegible]
[illegible]	.	.	1.[illegible]															76	75	4[illegible]	[illegible]
[illegible]	.	.	.[illegible]															[illegible]1	[illegible]1	2[illegible]	574
[illegible]																				1[illegible]	[illegible]
[illegible]																					[illegible]
	.	1.[illegible]	[illegible]	.[illegible]	.[illegible]	[illegible]	.4												14[illegible]8		14[illegible]
																		14[illegible]6		14[illegible]	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	[illegible]71[illegible]	11[illegible]6	[illegible]	[illegible].[illegible]1	148[illegible]							
Dry Bulb	[illegible]9373[illegible]	121232	[illegible]1.5	3.34	148[illegible]			744.0	744.0	529.0	.5	744.[illegible]
Wet Bulb	[illegible]711983	11[illegible] 17	76.5	2.[illegible]2[illegible]	148[illegible]			744.0	733.[illegible]	50.5		744.[illegible]
Dew Point	[illegible]7376[illegible]	11[illegible]894	74.5	2.06	149[illegible]			744.0	707.5	30.0		744.[illegible]

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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
					•													1		1		
8					•	•												4		4		
			•	•	1•2	1•7	•											15		15		
		•	1•3	3•2	7•4	2•3												28		28		
		•	4•3	7•3	5•4	•												55		55		
	•	•	•	6•2	2•2													22		22		
7	•	•	1•4	5•7	•													30		25	21	7
77	•	•	3•2	1•5														121		121	4	
7	•	•	1•3	•														16		16	21	3
7	•	•	•															2		2		1
																						7
6																						
	•	1 • 1	34•7	25•	14•1	4•	•												144		144	
																		144			144	

Element /X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4 5	1	1•	•	144							
Dry Bulb	2 5	1 1 1	1•4	3•7	144			•	71 •	5 •		•
Wet Bulb	4 7	11 4	6•7	•	144			•	5 •	2 •		•
Dew Point	1	10 7	5•	2•	144			•	•	•		•

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PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ 74-76 YEARS _____ MONTH AUG

HOURS (LST)

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
[illegible]																							
[illegible]																							
[illegible]																		186	186				
[illegible]																		311	311				
[illegible]																		376	376				
7																		244	244	121			
[illegible]																		155	155	445		125	
7																		99	99	404		341	
7																		31	31	33		45	
[illegible]																		1	1			273	
[illegible]																						145	
6																						17	
[illegible]																							
[illegible]																			1419			145	
																		1419		1419			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			744.0	743.5	540.0		744.0
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			744.0	697.5	26.5		744.0
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			743.5	603.0	12.5		744.0

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PSYCHROMETRIC SUMMARY

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
						•	•1											5			
					•7	•	•1											15	15		
			•2	•	•4	1•1												75	75		
			1•1	1•1	•1	•												201	201		
			•	11•1	•2	•1												327	327	-	1
		1•3	•7	1•1	2•4	•2												433	433	42	3
	•2	2•5	•3	2•1	•4	•1												220	220	113	53
	•	2•1	2•7	1•9	•3													133	134	56	311
	•	1•2	1•2	•2														42	42	373	522
		•2	•1	•1														5	6	96	337
			•1															2	2	42	146
																				4	42
																				2	17
																					7
	•7	•9	33•7	33•6	11•1	3•2	•2												1440		1439
																		1439		1436	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1 [illegible]	1144 [illegible]	79.6	7.8	143 [illegible]							
Dry Bulb	4 [illegible]	11 325	•1	3.011	144			720.0	716.5	423.5		720.0
Wet Bulb	1 1 14	1 [illegible]	•1	2.1 [illegible]	14 [illegible]			71 .5	647.7	9.5		720.0
Dew Point	767 7 [illegible]	10 [illegible]	73.	2.3 [illegible]	143			7.8.0	559.4	4.5		720.0

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PSYCHROMETRIC SUMMARY

STATION [illegible] SANCIA ISLAND STATION NAME 74-[illegible] YEARS JUL MONTH

[illegible] HOURS (LST)

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
[illegible] 27				.1	.1													2	2		
[illegible] 8'				.1	.[illegible]	.1												10	10		
4. 8'		.1	1.[illegible]	3.[illegible]	2.9	.8	.1											124	124		
/ 8[illegible]	.1	.7	4.8	6.3	3.2	.9												238	238	5	[illegible]
/ 78	.4	4.8	10.5	7.7	3.6													402	402	68	28
7 77	.1	.[illegible]	16.1	8.[illegible]	1.9													482	482	229	90
[illegible] 7'	.2	1.0	5.[illegible]	1.3	.1													168	168	432	248
47 7'	.	2.2	.[illegible]	.1														47	47	535	423
/ 7[illegible]		.7	.1															12	12	187	375
6[illegible]	.1	.1																3	3	33	239
[illegible] 67																					63
[illegible] 5[illegible]																					10
[illegible]	1.2	1.[illegible]	3.[illegible]	27.[illegible]	1[illegible].2	1.[illegible]	.1												1488		1488
																		1488		1488	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible] 624	1[illegible]2394	[illegible].3	7.[illegible]37	1483							
Dry Bulb	[illegible] 75[illegible]	11737[illegible]	78.6	2.[illegible]84	1[illegible]8[illegible]			744.0	736.5	279.0		744.[illegible]
Wet Bulb	[illegible]00367	111[illegible]91	74.7	2.17[illegible]	14[illegible]			744.0	634.0	10.5		744.[illegible]
Dew Point	[illegible]	10[illegible]3[illegible]2	72.[illegible]	2.68	14[illegible]			739.0	515.5	15.0		744.[illegible]

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PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS 12-? MONTH A[illegible]

AGE 1 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]								.1										1	1		
[illegible]					1.?	.	.1	.1										21	21		
[illegible]		.1	.	2.4	1.?	1.1	.?	.1										??	??		
[illegible]		.	?.?	4.?	5.?	.?	.1											217	217	1	
[illegible]		1.3	7.?	9.7	?.?	.4												105	30?	1?	?
? [illegible]		.1	14.?	1?.?	?.2	.5												45?	45?	125	3?
[illegible]	.2	4.4	?.1	5.2	.?	.?	.1											2?5	285	36?	174
[illegible]	.?	1.?	1.5	.?	.4	.?	.1											??	??	552	354
[illegible]	.1	.1	.1		.1	.1												7	7	291	435
[illegible]																				92	26?
6?																				22	144
5? 6?																				?	??
[illegible]																				?	2?
[illegible]																				?	?
[illegible]																					?
[illegible] 5?																					?
[illegible]	.	1 .2	33.?	33.3	14.1	?.?	.7	.?											1??8		1??9
																	1?88		1???		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	3765?	119111	??.0	.32	148?							
Dry Bulb	1 ?65	11061?	78.4	2.?37	148?			?44.5	74?.?	231.5		?48.?
Wet Bulb	? 65	1 547	?3.?	2.?6	145?			?34.5	517.?	2.?		?48.?
Dew Point	?52?74?	1.?385	?1.?	?.14	148?			? ?.?	417.?	1.?		?44.?

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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
																		1	1			
																		6	6			
																		66	66			
																		156	156			
																		250	250	4		
																		381	381	33	7	
																		534	534	249	67	
																		250	250	610	332	
																		31	31	579	565	
																		5	5	174	424	
																				30	215	
																				1	56	
																					14	
																					2	
																			1680			1680
																		1680		1680		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb			79.1	2.91	168			720.0	717.9	282.9		720.0
Wet Bulb			74.7	1.97	168			720.0	632.1	3.1		720.0
Dew Point			72.3	2.41	168			713.1	525.7	3.0		720.0

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]-TIA ISLAND	73-79	OCT

BASE 1
HOURS (LST)

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
[illegible]						•	•												1	1		
[illegible]							•												0	0		
[illegible]				•	•	•	•												20	20		
[illegible]			•	•	•	2.1	•												99	99		
[illegible]		•	3.1	4.1	4.7	1.9	•												218	218		
[illegible]		•	3.0	6.6	2.0	•													298	284	[illegible]	1
[illegible]	•	4.1	13.[illegible]	7.3	1.4														477	477	105	24
[illegible]	•	10.3	10.[illegible]	4.4	•														453	453	425	185
[illegible]	•	•	2.2	1.4															126	129	627	447
[illegible]	•	•	•																35	35	437	522
[illegible]	•	•	•																11	11	124	462
[illegible]	•																		1	1	23	152
[illegible]	•																		3	3	[illegible]	53
[illegible]	•	•	36.2	25.1	11.9	4.6	•													1736		1736
																			1736		1736	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11 3 915	14247	82.1	[illegible]	173							
Dry Bulb	11 6.74	13[illegible]	79.8	[illegible]	173			744.0	737.6	351.4		744.0
Wet Bulb	[illegible]8243	13 [illegible]9	75.4	2.11	173			744.0	638.3	1[illegible].9		744.0
Dew Point	[illegible].15544	127774	73.6	2.[illegible]4	173			744.0	594.0	11.6		744.0

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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
							•1											1	1		
				•[illegible]	•[illegible]	•[illegible]	•1											14	14		
			•1	1.[illegible]	3.[illegible]	1.[illegible]												109	109		
		•2	3.1	7.9	3.3	•[illegible]												253	253		
	•1	•[illegible]	7.3	8.1	2.1	•1												312	312	16	[illegible]
	•8	4.5	14.[illegible]	5.5	•7	•1												435	435	153	46
7[illegible] 77	•6	[illegible].2	1[illegible].[illegible]	3.3	•2													382	382	4[illegible]	197
[illegible] 7[illegible]	•[illegible]	[illegible].9	[illegible].7	•8	•2													152	152	619	[illegible]54
[illegible] 7[illegible]	[illegible].[illegible]	•2	•1															22	22	326	539
[illegible] [illegible]																				62	241
[illegible] 59																				14	82
[illegible] 67																					17
[illegible] [illegible]																					[illegible]
[illegible] 6[illegible]																					1
[illegible]	[illegible].[illegible]	1 [illegible]	38.[illegible]	27.31	[illegible].7	1.[illegible]	•1												1880		166[illegible]
																		1630		1680	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1[illegible]67[illegible]97	13[illegible]413	3.0	7.[illegible]8[illegible]	168[illegible]							
Dry Bulb	1 [illegible]1976	134560	[illegible]0.1	2.[illegible]8[illegible]	168[illegible]			720.0	720.0	389.6		720.0
Wet Bulb	[illegible]99[illegible]6[illegible]	127577	75.9	2.[illegible]4[illegible]	168[illegible]			720.0	687.4	30.9		720.0
Dew Point	[illegible]273930	124758	74.3	2.35[illegible]	168[illegible]			717.0	634.7	21.0		720.0

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PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS 72-79 MONTH _____

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	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					
																			4	4		
																			114	114		
																			312	312	74	17
																			468	468	175	61
																			372	372	461	264
																			156	156	666	535
																			17	17	312	438
																				3	54	721
																			5	5	59	
																					3	1
																				1776		1756
																			1776		1756	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	1 1 3747	1445 3	83.3	2.28	173							
Dry Bulb	111 716	13 196	76.2	3.65	173			748.3	740.6	407.1		744.6
Wet Bulb	10 9	132 97	76.1	2.14	173			744.	717.	46.7		744.6
Dew Point	6 1	12 239	74.4	2.39	173			743.6	672.	36.9		744.5

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	DIEGO GARCIA ISLAND	73-79	ALL

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	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				
[illegible]							.0											1	1		
/ 91					.0	.0												2	2		
/ 8					.1	.1	.1											39	39		
87			.0	.2	.2	.0	.1	.0										379	379		
/ 9		.0	.3	1.3	4.1	1.5	.1	.0										1349	1349		
/ 93		.2	2.3	5.2	4.8	.7	.2	.0										2584	2584	14	1
/ 8	.1	.8	3.9	8.1	7.3	.7	.1											3472	3472	214	54
/ 7	.1	7.7	11.8	7.2	1.8	.1												4515	4515	1449	406
77	.7	4.7	1.8	4.2	.6	.0												4031	4031	4726	1899
7	.7	3.7	3.3	1.3	.1	.0	.0											1693	1693	6293	4787
7	.0	1.	.5	.1	.0	.0	.0											368	368	4322	5588
7	.0	.2	.0	.0	.0	.0												49	49	1171	3699
6	.0	.0	.0															11	11	253	1526
67	.0																	3	3	32	427
6																				10	79
6																				3	30
6																				0	7
59																					7
57																					6
55																					3
T	.0	1.4	34.2	28.3	15.2	3.8	.4	.0										1497		18495	
																		18495			

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	127 4345	1504080	81.3	8.46	18495							
Dry Bulb	11[illegible]16710	1482586	80.2	3.14	18497			8760.0	8730.6	816.6	.5	8760.0
Wet Bulb	1 [illegible]742036	1397826	75.6	2.28	18495			8749.5	8055.0	346.1		8760.0
Dew Point	1 [illegible]982411	1367043	73.7	2.64	1849[illegible]			8695.7	7165.7	219.5		8760.0

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

70701	DIEGO GARCIA ISLAND	73-79
STATION	STATION NAME	YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	78.4	79.0	79.1	79.3	79.1	78.0	77.4	76.4	77.2	77.7	78.0	78.2	78.1
	S. D.	1.675	2.157	2.340	2.102	2.350	2.267	1.613	1.583	1.419	1.797	1.643	1.930	2.089
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
05	MEAN	78.2	78.6	78.9	78.9	78.8	77.7	77.0	76.3	76.9	77.5	77.6	77.9	77.8
	S. D.	1.787	2.208	2.257	2.089	2.389	2.273	1.727	1.566	1.397	1.767	1.739	2.057	2.107
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
08	MEAN	80.7	81.1	81.7	81.9	81.9	80.3	78.9	78.5	79.4	80.5	81.1	80.9	80.6
	S. D.	2.421	2.738	2.496	2.542	2.375	2.170	2.035	1.834	2.121	2.188	2.155	2.636	2.552
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
11	MEAN	82.4	84.1	84.4	84.4	84.5	83.3	81.6	81.4	82.2	83.0	82.9	82.9	83.1
	S. D.	3.112	2.509	2.766	2.513	2.298	2.063	2.193	2.203	2.526	2.782	2.509	2.519	2.707
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
14	MEAN	82.9	84.3	84.7	84.4	84.4	83.1	81.4	81.4	82.2	82.6	83.0	82.9	83.1
	S. D.	2.935	2.593	2.951	2.792	2.445	2.207	2.564	2.281	2.634	2.912	2.564	3.114	2.890
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
17	MEAN	81.3	83.0	83.2	82.6	82.5	81.0	79.4	79.0	79.9	80.4	81.0	81.2	81.2
	S. D.	2.492	2.685	2.674	2.619	2.319	2.448	2.043	2.034	2.232	2.438	2.208	2.644	2.739
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
20	MEAN	79.0	80.0	80.0	80.0	79.9	78.9	77.7	77.1	77.7	78.4	78.6	78.9	78.8
	S. D.	1.559	2.288	2.207	2.118	2.389	2.012	1.640	1.594	1.437	1.815	1.728	1.833	2.114
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
23	MEAN	78.8	79.6	79.8	79.6	79.5	78.4	77.6	76.9	77.6	78.2	78.5	78.7	78.6
	S. D.	1.577	2.207	2.301	2.166	2.432	1.956	1.597	1.544	1.402	1.691	1.602	1.956	2.070
	TOTAL OBS	186	167	186	180	186	180	186	186	210	217	210	217	2311
ALL HOURS	MEAN	80.2	81.2	81.5	81.4	81.3	80.1	78.9	78.4	79.1	79.8	80.1	80.2	80.2
	S. D.	2.855	3.243	3.340	3.179	3.224	3.012	2.584	2.688	2.813	3.024	2.884	3.050	3.148
	TOTAL OBS	1486	1347	1488	1440	1488	1440	1488	1488	1680	1736	1680	1736	18497

MEANS AND STANDARD DEVIATIONS

2

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-79 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	75.3	75.2	75.3	75.6	74.7	74.1	73.9	72.6	73.7	74.4	74.8	75.0	74.5
	S. D.	1.670	1.351	1.476	1.992	1.877	1.966	1.799	2.323	1.718	1.850	1.665	1.647	1.961
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
05	MEAN	75.1	75.0	75.1	75.4	74.4	73.9	73.7	72.5	73.6	74.3	74.6	74.9	74.4
	S. D.	1.601	1.382	1.471	2.030	1.883	1.948	1.774	2.383	1.612	1.900	1.631	1.715	1.952
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
08	MEAN	76.6	76.6	76.8	77.1	76.1	75.3	74.7	73.7	75.0	75.9	76.5	76.7	75.9
	S. D.	1.636	1.601	1.532	1.672	1.723	1.876	2.118	2.151	1.774	1.688	1.715	1.820	2.028
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
11	MEAN	77.5	78.1	78.2	78.3	77.4	76.8	76.2	75.3	76.1	77.1	77.5	77.7	77.2
	S. D.	1.953	1.526	1.834	1.877	1.590	1.771	1.972	2.038	1.876	1.829	1.830	1.951	2.033
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
14	MEAN	77.5	78.1	78.2	78.3	77.4	76.6	76.0	75.4	76.0	76.8	77.5	77.4	77.1
	S. D.	1.793	1.552	1.824	1.997	1.821	1.718	2.162	2.031	1.924	1.897	1.703	2.177	2.093
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
17	MEAN	76.6	77.2	77.3	77.1	76.3	75.4	74.8	73.9	75.0	75.6	76.4	76.6	76.0
	S. D.	1.748	1.562	1.572	2.048	2.011	1.970	2.079	1.970	1.773	1.912	1.771	1.889	2.124
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
20	MEAN	75.4	75.6	75.6	75.8	75.1	74.5	74.0	72.8	74.1	74.6	75.2	75.3	74.8
	S. D.	1.688	1.459	1.647	2.030	1.902	1.950	2.036	2.333	1.624	1.853	1.804	1.637	2.018
	TOTAL OBS	186	168	186	180	186	179	186	186	210	217	210	217	2311
23	MEAN	75.5	75.5	75.5	75.7	74.9	74.2	74.0	72.7	74.0	74.6	75.2	75.2	74.7
	S. D.	1.570	1.401	1.598	2.039	1.852	1.878	1.911	2.320	1.682	1.802	1.736	1.653	1.977
	TOTAL OBS	186	167	186	180	186	180	186	186	210	217	210	217	2311
ALL HOURS	MEAN	76.2	76.4	76.5	76.7	75.8	75.1	74.7	73.6	74.7	75.4	75.9	76.1	75.6
	S. D.	1.945	1.897	2.024	2.257	2.138	2.155	2.176	2.460	1.978	2.118	2.047	2.105	2.282
	TOTAL OBS	1485	1347	1488	1440	1488	1435	1488	1488	1680	1736	1680	1736	18495

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

70701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-79 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	73.9	73.6	73.8	74.0	72.8	72.4	72.3	70.8	72.2	73.0	73.5	73.6	73.0
	S. D.	2.245	1.900	1.682	2.424	2.322	2.338	2.394	3.158	2.324	2.384	2.195	2.151	2.478
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
05	MEAN	73.8	73.5	73.5	73.9	72.6	72.3	72.2	70.7	72.1	72.8	73.2	73.6	72.9
	S. D.	2.196	1.924	1.690	2.477	2.357	2.335	2.359	3.207	2.170	2.411	2.157	2.213	2.480
	TOTAL OBS	186	168	186	180	186	180	186	186	210	217	210	217	2312
08	MEAN	75.0	74.8	74.8	75.2	73.8	73.3	72.9	71.6	73.1	74.0	74.7	75.0	74.0
	S. D.	2.117	1.865	1.788	2.146	2.230	2.304	2.742	2.980	2.323	2.357	2.242	2.211	2.524
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
11	MEAN	75.6	75.8	75.8	75.9	74.6	74.1	74.0	72.8	73.6	74.7	75.3	75.6	74.8
	S. D.	2.266	1.933	2.137	2.496	2.135	2.350	2.603	2.785	2.440	2.435	2.317	2.431	2.558
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
14	MEAN	75.5	75.7	75.8	75.9	74.5	74.0	73.7	72.8	73.5	74.5	75.3	75.3	74.7
	S. D.	2.184	1.915	2.093	2.485	2.318	2.284	2.803	2.855	2.538	2.541	2.205	2.522	2.597
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
17	MEAN	74.8	74.9	74.9	74.9	73.8	73.0	72.8	71.7	73.0	73.6	74.5	74.7	73.9
	S. D.	2.218	1.946	1.906	2.517	2.397	2.459	2.730	2.752	2.406	2.535	2.256	2.309	2.586
	TOTAL OBS	185	169	186	180	186	180	186	186	210	217	210	217	2312
20	MEAN	73.9	73.8	73.9	74.2	73.1	72.6	72.3	70.7	72.5	73.1	73.7	73.8	73.1
	S. D.	2.326	1.885	1.935	2.462	2.296	2.379	2.713	3.253	2.374	2.420	2.286	2.133	2.569
	TOTAL OBS	186	168	186	180	186	179	186	186	210	217	210	217	2311
23	MEAN	74.1	73.9	73.8	74.2	73.1	72.5	72.3	70.8	72.5	73.1	73.8	73.8	73.2
	S. D.	2.278	1.947	1.830	2.472	2.249	2.334	2.559	3.230	2.286	2.400	2.207	2.149	2.526
	TOTAL OBS	186	167	186	180	186	180	186	186	210	217	210	217	2311
ALL HOURS	MEAN	74.6	74.5	74.5	74.8	73.5	73.0	72.8	71.5	72.8	73.6	74.3	74.4	73.7
	S. D.	2.326	2.099	2.063	2.557	2.394	2.435	2.688	3.146	2.416	2.524	2.355	2.390	2.641
	TOTAL OBS	1485	1347	1488	1440	1488	1439	1488	1488	1680	1736	1680	1736	19095

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RELATIVE HUMIDITY

72791	DIEGO GARCIA ISLAND	74-79	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.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	05	100.0	100.0	100.0	100.0	100.0	100.0	98.4	81.2	37.6	86.7	186
	08	100.0	100.0	100.0	100.0	100.0	100.0	98.4	75.8	38.7	87.0	186
	0	100.0	100.0	100.0	100.0	100.0	100.0	94.6	55.7	23.8	83.3	185
	11	100.0	100.0	100.0	100.0	100.0	100.0	80.0	43.8	16.2	80.5	185
	14	100.0	100.0	100.0	100.0	100.0	100.0	79.0	41.9	11.3	79.2	186
	17	100.0	100.0	100.0	100.0	100.0	100.0	88.1	50.3	14.6	80.9	185
	20	100.0	100.0	100.0	100.0	100.0	100.0	100.0	64.0	28.0	85.0	186
	23	100.0	100.0	100.0	100.0	100.0	100.0	98.4	70.4	34.9	85.9	186
TOTALS		100.0	100.0	100.0	100.0	100.0	100.0	92.1	60.4	25.6	83.6	1485

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RELATIVE HUMIDITY

7 701 DIEGO GARCIA ISLAND 74-79 FEB

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	0	100.0	100.0	100.0	100.0	100.0	100.0	95.8	63.1	26.8	84.2	168
	1	100.0	100.0	100.0	100.0	100.0	100.0	96.4	64.9	31.5	84.9	168
	2	100.0	100.0	100.0	100.0	100.0	100.0	89.3	52.7	18.9	81.9	169
	11	100.0	100.0	100.0	100.0	100.0	100.0	74.6	25.4	5.9	76.7	169
	14	100.0	100.0	100.0	100.0	100.0	100.0	69.2	24.3	4.7	75.9	169
	17	100.0	100.0	100.0	100.0	100.0	99.4	74.0	32.0	8.3	77.1	169
	20	100.0	100.0	100.0	100.0	100.0	100.0	93.5	53.0	17.3	82.1	168
	23	100.0	100.0	100.0	100.0	100.0	100.0	94.0	58.7	24.0	83.3	167
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	85.9	47.1	17.2	80.8	1347

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RELATIVE HUMIDITY

7 [illegible]01 DIEGO GARCIA ISLAND 74-79 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	1[illegible]	100.0	100.0	100.0	100.0	100.[illegible]	100.0	96.8	72.0	17.2	84.3	186
	[illegible]	100.0	100.0	100.0	100.0	100.[illegible]	100.0	97.3	69.9	17.2	84.1	186
	[illegible]	100.0	100.0	100.0	100.0	100.[illegible]	100.0	90.9	41.9	12.4	79.9	186
	11	100.0	100.0	100.0	100.0	100.[illegible]	100.0	70.4	21.5	7.0	75.9	186
	13	100.0	100.0	100.0	100.0	100.[illegible]	100.0	62.4	21.0	5.4	74.9	186
	17	100.0	100.0	100.0	100.0	100.[illegible]	100.0	80.1	26.3	9.1	76.6	186
	[illegible]	100.0	100.0	100.0	100.0	100.[illegible]	100.0	97.3	54.8	10.2	82.0	186
	23	100.0	100.0	100.0	100.0	100.[illegible]	100.0	96.9	61.8	11.3	82.7	186
TOTALS		100.0	100.0	100.0	100.0	100.[illegible]	100.0	86.5	46.2	11.2	80.1	1488

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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7[illegible]01	DIE[illegible]O GARCIA ISLAND	74-79	APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.9	73.3	18.3	84.4	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	100.0	72.2	23.3	85.1	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	87.8	48.9	15.0	80.9	180
	11	100.0	100.0	100.0	100.0	100.0	99.4	73.3	25.6	9.4	76.5	180
	14	100.0	100.0	100.0	100.0	100.0	100.0	71.1	25.6	7.2	76.3	180
	17	100.0	100.0	100.0	100.0	100.0	100.0	78.9	31.1	10.6	78.2	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.3	58.3	15.6	82.9	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.3	68.3	16.7	83.9	180
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	88.3	50.4	14.5	81.0	1440

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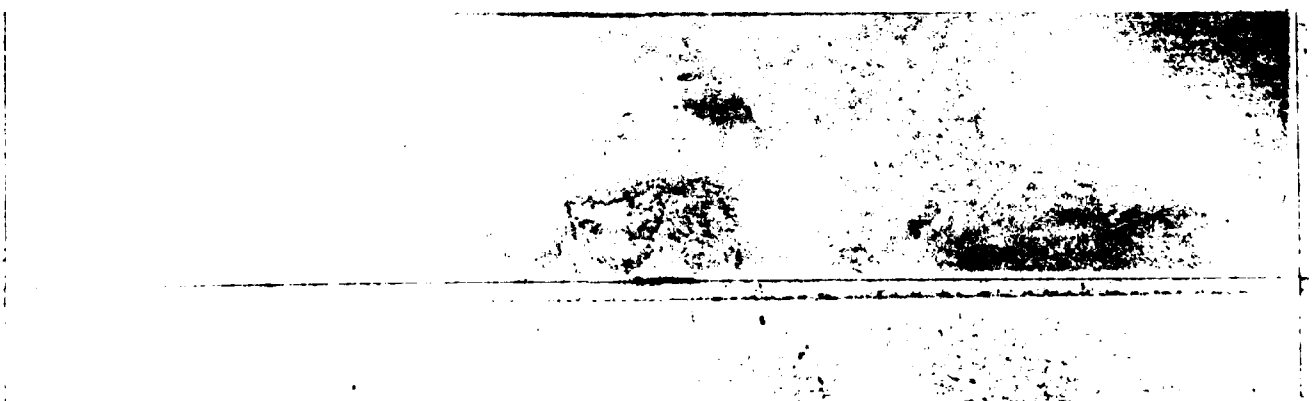
RELATIVE HUMIDITY

7?701	DIEGO GARCIA ISLAND	74-79	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	02	100.0	100.0	100.0	100.0	100.0	100.0	94.6	52.2	11.3	81.5	186
	05	100.0	100.0	100.0	100.0	100.0	100.0	93.0	54.3	14.0	81.8	186
	08	100.0	100.0	100.0	100.0	100.0	100.0	79.6	26.9	5.4	77.0	186
	11	100.0	100.0	100.0	100.0	100.0	98.4	55.9	12.4	3.2	72.7	186
	14	100.0	100.0	100.0	100.0	100.0	97.8	54.8	9.7	2.7	72.7	186
	17	100.0	100.0	100.0	100.0	100.0	100.0	78.0	17.2	2.2	75.4	186
	20	100.0	100.0	100.0	100.0	100.0	100.0	93.0	44.6	6.5	80.2	186
	23	100.0	100.0	100.0	100.0	100.0	100.0	92.5	52.7	10.2	81.1	186
TOTALS		100.0	100.0	100.0	100.0	100.0	99.5	80.2	33.8	6.9	77.8	1488

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RELATIVE HUMIDITY

7 701	DIEGO GARCIA ISLAND	74-79	JUN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.9	66.7	15.6	83.4	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.9	69.4	13.3	83.9	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	92.8	39.4	8.9	79.8	180
	11	100.0	100.0	100.0	100.0	100.0	100.0	64.4	17.8	2.8	74.3	180
	14	100.0	100.0	100.0	100.0	100.0	98.9	68.3	16.1	5.0	74.3	180
	17	100.0	100.0	100.0	100.0	100.0	99.4	83.9	28.9	5.6	77.1	180
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.9	52.5	7.3	81.3	179
	23	100.0	100.0	100.0	100.0	100.0	100.0	97.8	62.8	9.4	82.5	180
TOTALS		100.0	100.0	100.0	100.0	100.0	99.8	88.0	34.2	8.5	79.6	1439

NAVWEASERVCOM

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RELATIVE HUMIDITY

7?701	DIEGO GARCIA ISLAND	74-79	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	75.3	20.4	84.8	186
	05	100.0	100.0	100.0	100.0	100.0	100.0	97.8	78.0	23.1	85.5	186
	08	100.0	100.0	100.0	100.0	100.0	99.5	94.6	60.8	18.8	82.5	186
	11	100.0	100.0	100.0	100.0	100.0	100.0	81.2	34.4	8.1	78.1	186
	14	100.0	100.0	100.0	100.0	100.0	99.5	80.6	33.3	8.6	77.8	186
	17	100.0	100.0	100.0	100.0	100.0	100.0	91.4	48.9	15.6	81.0	186
	20	100.0	100.0	100.0	100.0	100.0	100.0	97.3	70.4	19.4	84.0	186
	23	100.0	100.0	100.0	100.0	100.0	100.0	98.4	69.9	22.0	84.3	186
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	92.6	58.9	17.0	82.3	1488

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2

RELATIVE HUMIDITY

72701	DIEGO GARCIA ISLAND	73-78	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	02	100.0	100.0	100.0	100.0	100.0	98.9	95.7	65.6	15.1	83.2	186
	05	100.0	100.0	100.0	100.0	100.0	98.9	95.2	66.1	15.1	83.2	186
	08	100.0	100.0	100.0	100.0	100.0	98.4	88.7	49.5	11.8	80.1	186
	11	100.0	100.0	100.0	100.0	100.0	96.2	73.7	24.2	7.0	75.8	186
	14	100.0	100.0	100.0	100.0	100.0	95.7	79.0	25.3	6.5	75.9	186
	17	100.0	100.0	100.0	100.0	100.0	98.4	84.9	38.2	9.1	78.9	186
	20	100.0	100.0	100.0	100.0	100.0	97.8	92.5	55.4	12.4	81.3	186
	23	100.0	100.0	100.0	100.0	100.0	98.4	95.7	58.6	12.4	81.9	186
TOTALS		100.0	100.0	100.0	100.0	100.0	97.8	88.2	47.9	11.2	80.0	1488

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RELATIVE HUMIDITY

7 701 DIEGO GARCIA ISLAND 73-79 SEP

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	73.3	23.8	85.2	210
	08	100.0	100.0	100.0	100.0	100.0	100.0	99.5	76.2	21.9	85.6	210
	09	100.0	100.0	100.0	100.0	100.0	100.0	91.9	50.0	16.2	81.6	210
	11	100.0	100.0	100.0	100.0	100.0	99.0	71.4	24.8	8.1	75.9	210
	14	100.0	100.0	100.0	100.0	100.0	98.1	69.5	22.9	8.1	75.7	210
	17	100.0	100.0	100.0	100.0	100.0	98.1	89.0	43.3	14.3	80.2	210
	20	100.0	100.0	100.0	100.0	100.0	100.0	97.1	70.0	20.5	84.3	210
	23	100.0	100.0	100.0	100.0	100.0	99.5	99.5	72.4	21.9	84.8	210
TOTALS		100.0	100.0	100.0	100.0	100.0	99.3	89.7	54.1	16.9	81.7	1680

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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
71701	DIEGO GARCIA ISLAND	73-79	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	80.2	25.8	85.9	217
	08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	77.4	27.2	86.0	217
	08	100.0	100.0	100.0	100.0	100.0	100.0	68.9	47.9	16.6	81.0	217
	11	100.0	100.0	100.0	100.0	100.0	98.6	66.8	35.0	10.1	76.8	217
	14	100.0	100.0	100.0	100.0	100.0	97.2	69.1	36.4	10.1	77.2	217
	17	100.0	100.0	100.0	100.0	100.0	99.5	84.3	46.5	13.4	80.4	217
	20	100.0	100.0	100.0	100.0	100.0	100.0	98.2	66.4	24.9	84.3	217
	23	100.0	100.0	100.0	100.0	100.0	100.0	98.6	70.5	25.8	84.9	217
TOTALS		100.0	100.0	100.0	100.0	100.0	99.4	88.2	57.5	19.2	82.1	1736

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RELATIVE HUMIDITY

7?701	DIEGO GARCIA ISLAND	73-79	NOV
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	80.0	29.5	86.5	210
	05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	80.0	32.4	86.8	210
	08	100.0	100.0	100.0	100.0	100.0	99.5	93.3	50.5	14.8	81.5	210
	11	100.0	100.0	100.0	100.0	100.0	99.5	86.7	31.0	8.6	78.4	210
	14	100.0	100.0	100.0	100.0	100.0	100.0	82.9	32.9	10.0	78.3	210
	17	100.0	100.0	100.0	100.0	100.0	100.0	93.3	49.0	12.9	81.2	210
	20	100.0	100.0	100.0	100.0	100.0	100.0	99.0	76.2	22.9	85.4	210
	23	100.0	100.0	100.0	100.0	100.0	100.0	99.5	81.0	24.3	85.7	210
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	94.2	60.1	19.4	83.0	1680

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RELATIVE HUMIDITY

7 701 DIEGO GARCIA ISLAND 73-79 DEC

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	03	100.0	100.0	100.0	100.0	100.0	100.0	96.8	82.5	32.7	86.5	217
	05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	81.6	37.8	87.2	217
	09	100.0	100.0	100.0	100.0	100.0	100.0	92.6	60.4	23.5	82.9	217
	11	100.0	100.0	100.0	100.0	100.0	100.0	83.9	42.9	10.6	79.2	217
	14	100.0	100.0	100.0	100.0	100.0	100.0	79.3	41.0	10.1	78.6	217
	17	100.0	100.0	100.0	100.0	100.0	99.5	89.9	53.5	14.7	81.3	217
	20	100.0	100.0	100.0	100.0	100.0	100.0	98.2	71.9	20.3	84.8	217
	23	100.0	100.0	100.0	100.0	100.0	100.0	96.8	75.6	30.0	85.6	217
TOTALS		100.0	100.0	100.0	100.0	100.0	99.9	91.9	63.7	22.5	83.3	1736

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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
7 7701	DIEGO GARCIA ISLAND	73-79	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.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	100.0	100.0	100.0	100.0	100.0	92.1	60.4	25.6	83.6	1485
FEB		100.0	100.0	100.0	100.0	100.0	99.9	85.9	47.1	17.2	80.8	1347
MAR		100.0	100.0	100.0	100.0	100.0	100.0	86.5	46.2	11.2	80.1	1488
APR		100.0	100.0	100.0	100.0	100.0	99.9	88.3	50.4	14.5	81.0	1440
MAY		100.0	100.0	100.0	100.0	100.0	99.5	80.2	33.8	6.9	77.8	1488
JUN		100.0	100.0	100.0	100.0	100.0	99.8	88.0	44.2	8.5	79.6	1439
JUL		100.0	100.0	100.0	100.0	100.0	99.9	92.6	58.9	17.0	82.3	1488
AUG		100.0	100.0	100.0	100.0	100.0	97.8	88.2	47.9	11.2	80.0	1488
SEP		100.0	100.0	100.0	100.0	100.0	99.3	89.7	54.1	16.9	81.7	1680
OCT		100.0	100.0	100.0	100.0	100.0	99.4	88.2	57.5	19.2	82.1	1736
NOV		100.0	100.0	100.0	100.0	100.0	99.9	94.2	60.1	19.4	83.0	1680
DEC		100.0	100.0	100.0	100.0	100.0	99.9	91.9	63.7	22.5	83.3	1736
TOTALS		100.0	100.0	100.0	100.0	100.0	99.6	88.8	52.0	15.8	81.3	18495

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] 701 | [illegible] GARCIA ISLAND | AUGUST 1973-DECEMBER 1979 | JANUARY

WIND DIRECTION

TEMP	NNE & N	ENE & NE	ESE & E	SSE & SE	SSW & S	WSW & SW	WNW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]		4.5	18.2	4.5	9.1	9.1	27.3	22.7	4.5	22	1.5
[illegible]	1[illegible].6	5.7	6.4	4.6	6.8	8.8	31.7	21.6	3.7	454	30.6
[illegible]	15.1	3.[illegible]	3.7	4.9	5.4	6.[illegible]	25.7	25.3	1[illegible].9	894	60.[illegible]
[illegible]	15.7	5.2	1.7	4.3	7.8	4.3	14.8	30.4	15.7	115	7.7
[illegible]	100.0									1	.1
TOTALS	13.6	4.[illegible]	4.6	4.8	6.1	6.8	26.7	24.5	9.[illegible]	1486	100.0

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2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION: DIEGO GARCIA ISLAND YEARS: AUGUST 1973-DECEMBER 1979 MONTH: FEBRUARY

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	9.5	6.8	5.4	4.1	9.5	8.1	28.4	25.7	2.7	74	5.5
82 TO 86	13.6	5.3	7.5	5.5	7.3	8.1	24.2	23.1	5.5	546	40.7
77 TO 81	8.9	2.8	4.3	6.1	8.4	7.3	27.5	25.5	9.3	644	48.0
72 TO 76	10.1		2.5	5.1	12.7	16.5	20.3	19.3	13.9	79	5.9
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
-68 TO -64											
-73 TO -69											
-78 TO -74											
-83 TO -79											
-88 TO -84											
-93 TO -89											
-98 TO -94											
-103 TO -99											
-108 TO -104											
-113 TO -109											
-118 TO -114											
-123 -											
TOTALS	10.9	3.9	5.6	5.7	8.3	8.2	25.8	24.1	7.7	1343	100.0

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2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] DIEGO GARCIA ISLAND AUGUST 1973-DECEMBER 1979 MARCH

STATION | STATION NAME | YEAR | MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96							100.0			1	.1
87 TO 91	5.9	5.9	21.6	5.9	5.9	15.7	17.6	19.6	2.0	102	6.9
82 TO 86	9.7	3.4	10.0	8.1	11.0	10.7	22.3	20.2	4.5	615	41.6
77 TO 81	12.4	1.9	4.8	7.8	9.7	7.6	25.7	19.7	10.4	670	45.1
72 TO 76	9.4	1.0	1.0	14.6	19.8	9.4	13.5	13.5	17.7	96	6.5
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	10.6	2.8	7.9	8.2	10.6	9.5	23.0	19.5	7.9	1487	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] 791 DIEGO GARCIA ISLAND AUGUST 1973-DECEMBER 1979 APRIL
STATION STATION NAME YEARS MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	6.7	3.3	20.0	21.7	18.3	5.0	6.7	3.3	5.0	60	4.2
82 TO 86	5.3	.8	11.4	28.1	20.6	10.3	12.5	5.6	5.3	640	44.4
77 TO 81	4.0	1.7	7.7	24.1	29.4	7.1	9.3	4.6	12.2	646	44.9
72 TO 76	4.3	2.1	9.6	20.2	23.4	7.4	9.6	3.2	20.2	94	6.5
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 -											
TOTALS	4.7	1.4	10.4	25.6	24.7	8.5	10.5	4.9	9.4	1440	100.0

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2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

7?731 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEAR) MAY (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91			16.4	58.2	14.5	9.1		1.8		55	3.7
82 TO 86	.3	1.4	11.1	48.5	32.1	5.4	.7		.6	722	48.5
77 TO 81	.2	2.8	10.7	49.7	31.0	2.1	.7	.3	3.3	580	39.0
72 TO 76			7.6	46.6	33.6	1.5			10.7	131	8.8
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.2	1.7	10.8	48.9	31.2	3.9	.6	.2	2.5	1488	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

7 7C1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) JUNE (MONTH) (HOURS (LST))

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		10.0	30.0	45.0	15.0					20	1.4
82 TO 86		.4	11.6	67.8	16.1	2.1	1.3	.7		447	31.0
77 TO 81	.1	.3	7.0	66.4	21.9	1.1	2.2	.1	.9	789	54.8
72 TO 76	.6	1.1	4.4	44.6	39.2	1.7	.6	.6	7.2	181	12.6
67 TO 71				33.3	66.7					3	.2
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.1	.6	8.4	63.8	22.3	1.5	1.7	.3	1.4	1440	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

72701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) JULY (MONTH) (HOUR)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91				50.0	50.0					2	.1
82 TO 86			.4	3.8	60.1	35.4	.4			263	17.7
77 TO 81	.1		.4	3.7	58.8	36.7	.1		.2	993	66.7
72 TO 76	.4			4.0	56.5	38.6			.4	223	15.0
67 TO 71		14.3			42.9	14.3	28.6			7	.5
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.1	.4	3.8	58.6	36.6	.3			.2	1488	100.0

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

41701	DIEGO GARCIA ISLAND	AUGUST 1973-DECEMBER 1979	AUGUST	
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91					100.0					1	.1
82 TO 86	1.3	1.8	13.2	52.2	30.3	1.3				228	15.3
77 TO 81	.3	.5	5.3	58.1	35.1	.5	.2	.1		887	59.6
72 TO 76	.3	1.1	4.3	55.6	37.4		.3		1.1	372	25.0
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
48 TO -44											
-53 TO -49											
58 TO -54											
-59 & LWR											
TOTALS	.5	.8	6.3	56.5	34.9	.5	.2	.1	.3	1488	100.0

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

77771 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) SEPTEMBER (MONTH) (HOURS)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91			14.3	14.3	28.6	14.3	28.6			7	.4
82 TO 86	.6	1.7	8.4	47.1	35.1	3.6	2.2	.3	1.1	359	21.4
77 TO 81	.8	2.0	4.7	52.1	31.5	2.0	2.1	.7	4.0	1028	61.2
72 TO 76	1.4	2.1	7.3	42.3	35.3	2.4	1.4	2.1	5.6	286	17.0
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.8	2.0	6.0	49.2	32.9	2.5	2.1	.8	3.6	1680	100.0

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

77731 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) OCTOBER (MONTH) (HOURS LOCAL)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			100.0							1	.1
87 TO 91			13.6	59.1	27.3					22	1.3
82 TO 86	.9	2.6	17.3	40.7	28.6	4.9	4.1	.6	.4	469	27.0
77 TO 81	2.1	2.0	9.8	48.2	27.5	4.7	2.3	1.7	1.8	1066	61.4
72 TO 76	2.9	2.9	5.8	25.0	34.9	12.2	4.7	4.1	7.6	172	9.9
67 TO 71	16.7		16.7				16.7	16.7	33.3	6	.3
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.8	2.2	11.6	43.8	28.4	5.4	3.0	1.7	2.1	1736	100.0

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

7[illegible]701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) NOVEMBER (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	6.7		13.3	40.0	6.7	13.3	13.3	6.7		15	.9
82 TO 86	5.2	4.8	12.0	29.0	30.4	5.8	5.0	6.8	1.0	517	30.8
77 TO 81	3.5	2.9	9.5	35.4	26.5	5.0	6.8	6.1	4.3	974	58.0
72 TO 76	6.9	1.7	2.9	38.5	32.2	2.3	4.6	2.9	8.0	174	10.4
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59.8 LWR											
TOTALS	4.4	3.3	9.6	33.8	28.1	5.1	6.1	6.0	3.6	1680	100.0

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

7?7 1 (STATION) DIEGO GARCIA ISLAND (STATION NAME) AUGUST 1973-DECEMBER 1979 (YEARS) DECEMBER (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	10.3	7.7	17.9	12.8		15.4	28.2	5.1	2.6	39	2.2
82 TO 86	3.8	6.2	18.0	12.7	11.4	7.0	15.0	16.0	5.0	545	31.4
77 TO 81	10.4	3.4	11.4	12.9	12.7	6.0	14.8	17.9	10.5	971	55.9
72 TO 76	11.5	1.7	4.0	11.5	13.8	1.7	14.9	23.0	17.8	174	10.0
67 TO 71		14.3		14.3	14.3		42.9	14.3		7	.4
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	10.0	4.3	12.8	12.7	12.1	6.0	15.3	17.5	9.3	1736	100.0

NAVWEASERVCOM

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] DIEGO GARCIA ISLAND AUGUST 1973-DECEMBER 1979 ALL

STATION / STATION NAME / YEARS / MONTH / HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]											
[illegible]											
[illegible]											
[illegible]											
102 TO 106											
[illegible]											
[illegible]			50.0				50.0			2	.0
[illegible]	5.3	4.5	18.4	21.5	11.2	9.8	15.3	11.9	2.1	419	2.3
82 TO 86	5.2	3.0	11.2	30.8	20.9	6.4	11.0	8.8	2.6	5808	31.4
[illegible]	4.7	2.0	6.9	36.7	23.5	4.0	9.0	8.0	5.3	10142	54.8
[illegible]	4.0	1.5	4.8	36.6	30.6	3.5	4.9	6.0	8.2	2097	11.3
[illegible]	8.3	8.3	4.2	20.8	16.7	8.3	16.7	8.3	8.3	24	.1
62 TO 66											
[illegible]											
[illegible]											
47 TO 51											
[illegible] TO 46											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible] TO -19											
[illegible] TO -24											
-33 TO -29											
-38 TO -34											
[illegible]											
[illegible]											
[illegible]											
[illegible] TO -54											
[illegible]											
TOTALS	4.6	2.3	3.3	34.5	23.2	4.8	9.3	8.1	4.7	18497	100.0

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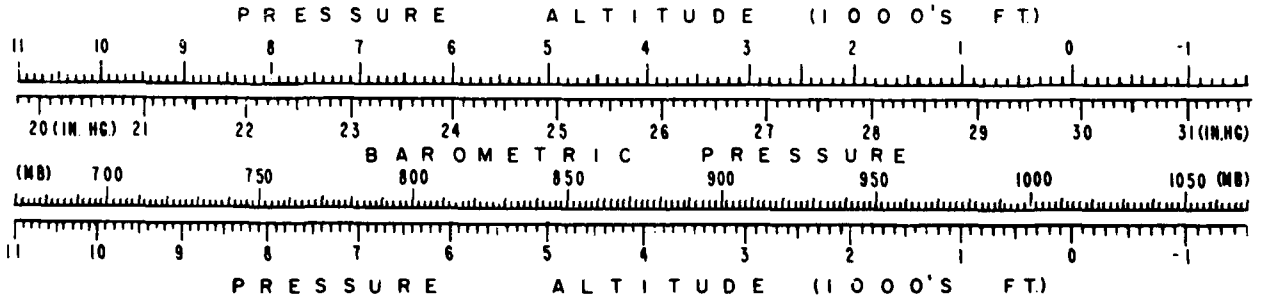
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

78701	DIEGO GARCIA ISLAND	73-79
STATION	STATION NAME	YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	1010.1	1010.1	1009.5	1009.2	1010.0	1010.1	1010.8	1011.3	1011.3	1010.7	1009.9	1010.1	1010.3
	S. D.	1.340	1.303	1.761	1.531	1.611	1.140	1.454	1.483	1.537	1.543	1.623	1.425	1.611
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
05	MEAN	1009.8	1009.6	1009.1	1008.8	1009.6	1009.7	1010.3	1010.9	1011.0	1010.6	1009.9	1009.9	1010.0
	S. D.	1.313	1.331	1.773	1.526	1.616	1.193	1.469	1.476	1.551	1.534	1.582	1.398	1.619
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
08	MEAN	1011.7	1011.4	1010.8	1010.4	1011.0	1011.1	1011.6	1012.4	1012.7	1012.5	1011.7	1011.6	1011.6
	S. D.	1.302	1.324	1.731	1.458	1.590	1.225	1.524	1.486	1.511	1.549	1.490	1.334	1.609
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
11	MEAN	1011.8	1011.7	1011.2	1010.9	1011.5	1011.5	1012.1	1012.9	1013.0	1012.5	1011.6	1011.7	1011.9
	S. D.	1.282	1.403	1.674	1.388	1.563	1.202	1.498	1.495	1.475	1.525	1.478	1.360	1.575
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
14	MEAN	1009.9	1009.5	1008.9	1008.6	1009.3	1009.5	1010.2	1010.8	1010.8	1010.3	1009.5	1009.8	1009.8
	S. D.	1.268	1.276	1.720	1.398	1.625	1.203	1.524	1.479	1.537	1.515	1.451	1.402	1.590
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
17	MEAN	1009.2	1008.8	1008.3	1008.3	1009.1	1009.3	1009.9	1010.4	1010.4	1009.9	1009.0	1009.1	1009.3
	S. D.	1.312	1.316	1.660	1.478	1.655	1.238	1.506	1.470	1.546	1.573	1.416	1.351	1.609
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
20	MEAN	1011.2	1010.7	1010.3	1010.1	1010.8	1010.8	1011.4	1012.0	1012.1	1011.8	1011.1	1011.2	1011.1
	S. D.	1.284	1.348	1.633	1.448	1.638	1.225	1.506	1.401	1.517	1.477	1.498	1.376	1.574
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
23	MEAN	1012.1	1012.0	1011.4	1010.9	1011.4	1011.3	1012.0	1012.8	1013.0	1012.6	1011.8	1012.0	1012.0
	S. D.	1.299	1.287	1.691	1.482	1.633	1.197	1.477	1.475	1.467	1.496	1.567	1.370	1.586
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
ALL HOURS	MEAN	1010.7	1010.5	1009.9	1009.7	1010.3	1010.4	1011.0	1011.7	1011.8	1011.4	1010.6	1010.7	1010.7
	S. D.	1.657	1.700	2.007	1.759	1.846	1.447	1.699	1.722	1.814	1.847	1.838	1.706	1.867
	TOTAL OBS	1488	1352	1488	1440	1488	1440	1488	1488	1680	1736	1680	1736	18504

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

77701 (STATION) DIEGO GARCIA ISLAND (STATION NAME) 73-79 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	29.816	29.815	29.798	29.789	29.812	29.816	29.836	29.852	29.850	29.833	29.811	29.816	29.821
	S. D.	.040	.039	.052	.046	.048	.034	.043	.044	.045	.046	.048	.043	.048
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
05	MEAN	29.807	29.800	29.786	29.778	29.800	29.805	29.822	29.840	29.841	29.831	29.810	29.808	29.811
	S. D.	.039	.040	.052	.045	.048	.036	.044	.044	.046	.046	.047	.042	.048
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
08	MEAN	29.864	29.853	29.836	29.826	29.843	29.845	29.860	29.884	29.891	29.887	29.863	29.861	29.860
	S. D.	.039	.040	.051	.044	.047	.037	.045	.044	.045	.046	.044	.040	.048
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
11	MEAN	29.867	29.863	29.849	29.841	29.857	29.857	29.876	29.899	29.901	29.887	29.860	29.863	29.869
	S. D.	.038	.042	.050	.041	.047	.036	.045	.044	.043	.045	.044	.041	.047
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
14	MEAN	29.810	29.800	29.780	29.772	29.792	29.800	29.817	29.837	29.836	29.820	29.797	29.805	29.806
	S. D.	.038	.039	.051	.043	.048	.037	.045	.044	.045	.045	.043	.042	.047
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
17	MEAN	29.789	29.778	29.764	29.763	29.785	29.792	29.810	29.826	29.825	29.809	29.783	29.786	29.795
	S. D.	.039	.042	.049	.044	.049	.037	.044	.042	.046	.045	.042	.040	.048
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
20	MEAN	29.848	29.834	29.821	29.816	29.836	29.837	29.854	29.873	29.877	29.866	29.844	29.847	29.847
	S. D.	.038	.040	.048	.043	.049	.037	.045	.042	.045	.044	.045	.042	.047
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
23	MEAN	29.875	29.871	29.853	29.839	29.854	29.852	29.871	29.896	29.903	29.891	29.866	29.872	29.871
	S. D.	.039	.038	.050	.044	.048	.036	.044	.044	.044	.044	.047	.040	.047
	TOTAL OBS	186	169	186	180	186	180	186	186	210	217	210	217	2313
ALL HOURS	MEAN	29.834	29.827	29.811	29.803	29.822	29.825	29.843	29.863	29.865	29.853	29.829	29.832	29.835
	S. D.	.049	.051	.059	.052	.055	.043	.050	.051	.054	.055	.054	.051	.055
	TOTAL OBS	1488	1352	1488	1440	1488	1440	1488	1488	1680	1736	1680	1736	18504

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