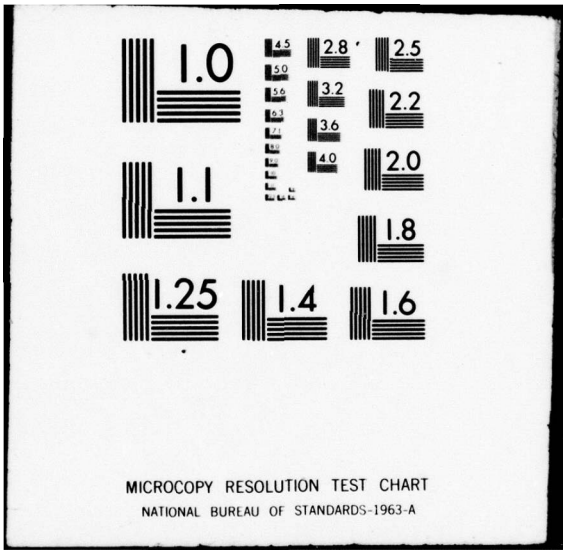
AD-A067 677 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), BARKING--ETC(U)
JUL 78

UNCLASSIFIED NL

1 OF 4
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD-E000 117

LEVEL

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STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WMO NUMBER
22501	Barking Sands, Kekaha, Hawaii	22°02'N	159°47'W	12.5	PHBK	91162

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	GMD VAN	Navy	1964	1967	22°02'N	159°47'W	16		
2.	PMR weather unit building	"	1967	1968	"	"	14.4	Mercurial	
3.	" " " "	"	1968		"	"	14.4 (2.66 above ground)		
1a.	PMR weather unit building	"	1967	1968	"	"	16.37	Aneroid	
2a.	" " " "	"	1968	1971	"	"	16.37	"	
3a.	" " " "	"	1971		"	"	(5.08 above ground)	"	*12
	*Normal hours of operation 0700-1800 LST. Closed Saturdays, Sundays and Holidays.								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	1964	GMD VAN	UMQ-5	RD 108		1. Barograph (G210) 2. Semi Auto Met. Station (GMQ-14A) 3. Ceiling light (ML-121) 4. Theodolite (ML-427) 5. Rawinsonde (GMD-1B/2)
2.	1978	6500 ft S PMR WS Bldg.	UMQ-5D	RD 108B	14'	

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Asheville, N. C.

70 04 19 002

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).

2. All available data will be used for extreme values.

3. Summarize (update) every five years.

   a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.

   b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.

   c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.

   d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) 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 Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, 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.

2

WEATHER CONDITIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (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												
	05												
	08		3.1				3.1						65
	11	1.6	7.8				7.8						64
	14		7.8				7.8						64
	17		18.2				18.2						44
	20												
	23												
TOTALS		.4	9.2				9.2						237

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5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (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												
	05												
	08		3.9				3.9						76
	11		2.6				2.6						76
	14		1.3				1.3						76
	17												56
	20												
	23												
TOTALS			2.0				2.0						284

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5701 WEATHER CONDITIONS JAN 88

WEATHER CONDITIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (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												
	05												
	08	1.6	6.3				6.3						64
	11		4.7				4.7						64
	14		3.1				3.1						64
	17		12.5				12.5						64
	20												
	23												
TOTALS		.4	6.7				6.7						256

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5701 WEATHER CONDITIONS JAN [redacted]8

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | APR 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												
	05												
	08		1.5				1.5						65
	11		3.1				3.1						65
	14		10.8				10.8						65
	17		1.5				1.5						65
	20												
	23												
TOTALS			4.2				4.2						260

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5701 WEATHER CONDITIONS JAN 68

2

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | MAY 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												
	05												
	08		3.1				3.1						65
	11		4.6				4.6						65
	14		9.2				9.2						65
	17		6.3				6.3						64
	20												
	23												
TOTALS			5.8				5.8						259

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5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | JUN 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												
	05												
	08		1.6				1.6						62
	11		8.1				8.1						62
	14		4.8				4.8						62
	17		1.6				1.6						61
	20												
	23												
TOTALS			4.0				4.0						247

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5701 WEATHER CONDITIONS JAN 68

2

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | JUL 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												
	05												
	08												64
	11												64
	14		3.1				3.1						64
	17												43
	20												
	23												
TOTALS			.8				.8						235

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5701 WEATHER CONDITIONS JAN 78

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 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												
	05												
	08												66
	11		1.5				1.5						66
	14		1.5				1.5						66
	17		6.7				6.7						45
	20												
	23												
TOTALS			2.4				2.4						243

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570 WEATHER CONDITIONS JAN 68

2

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | SEP 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												
	05												
	08		1.7				1.7						60
	11												60
	14	1.7	8.3				8.3						60
	17		7.9				7.9						38
	20												
	23												
TOTALS		.4	4.5				4.5						218

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1477 2096-54321

5701 WEATHER CONDITIONS JAN 78

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | OCT 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												
	05												
	08		1.6				1.6						63
	11		3.2				3.2						63
	14		4.8				4.8						63
	17		2.4				2.4						42
	20												
	23												
TOTALS			3.0				3.0						231

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5701 WEATHER CONDITIONS JAN 68

2

WEATHER CONDITIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (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												
	05												
	08		8.6				8.6						58
	11		8.6				8.6						58
	14		13.8				13.8						58
	17		12.8				12.8						39
	20												
	23												
TOTALS			11.0				11.0						213

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5701 E WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | DEC 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												
	05												
	08		1.7				1.7						60
	11		3.3				3.3						60
	14		3.4				3.4						58
	17		5.6				5.6						36
	20												
	23												
TOTALS			3.5				3.5						214

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2

WEATHER CONDITIONS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-76 YEARS | ALL 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	.4	9.2				9.2						237
FEB			2.0				2.0						284
MAR		.4	6.7				6.7						256
APR			4.2				4.2						260
MAY			5.8				5.8						259
JUN			4.0				4.0						247
JUL			.8				.8						235
AUG			2.4				2.4						243
SEP		.4	4.5				4.5						218
OCT			3.0				3.0						231
NOV			11.0				11.0						213
DEC			3.5				3.5						214
TOTALS		.1	4.8				4.8						2897

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5701 WEATHER CONDITIONS JAN [redacted]

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2

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 69, 72 (YEARS) ALL (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												
FEB													
MAR		3.2	22.6				22.6						31
APR													
MAY													
JUN													
JUL													
AUG													
SEP													
OCT			32.3				32.3						31
NOV													
DEC													
TOTALS		1.6	27.5				27.5						62

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1477 2006-54321

5701 WEATHER CONDITIONS JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	JANUARY	ALL
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														100.0
NE														100.0
ENE														100.0
E		5.9												94.1
ESE	14.3													85.7
SE	14.3	14.3						4.8						71.4
SSE		11.1												88.9
S		5.6												94.4
SSW	14.3													85.7
SW		18.2												81.8
WSW														100.0
W		13.0												87.0
WNW		5.9												94.1
NW		9.1												90.9
NNW														100.0
VARIABLE														
CALM	6.7													93.3
TOTAL	6	14						1						217
% TOTAL	2.5	5.9						.4						91.6

TOTAL NUMBER OF OBSERVATIONS 237

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5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	FEBRUARY	ALL
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		6.7												93.3
NNE														100.0
NE														100.0
ENE														100.0
E														100.0
ESE														100.0
SE														100.0
SSE	7.1	14.3												78.6
S														100.0
SSW														100.0
SW														100.0
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														
CALM														100.0
TOTAL	1	5												278
% TOTAL	.4	1.8												97.9

TOTAL NUMBER OF OBSERVATIONS 284

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4431-54321

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	MARCH	ALL
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		20.0												80.0
NNE														100.0
NE		40.0												60.0
ENE														100.0
E														100.0
ESE		14.3												85.7
SE		10.0						10.0						90.0
SSE		16.7												83.3
S														100.0
SSW		12.5												87.5
SW		11.1												88.9
WSW														100.0
W														100.0
WNW		2.8												97.2
NW														100.0
NNW		4.3												95.7
VARIABLE														
CALM		9.1												90.9
TOTAL		17						1						239
% TOTAL		6.6						.4						93.4

TOTAL NUMBER OF OBSERVATIONS 256

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	APRIL	ALL
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		13.6												86.4
NNE		7.7												92.3
NE		20.0												80.0
ENE		12.5												87.5
E														100.0
ESE														100.0
SE														100.0
SSE														100.0
S														100.0
SSW														100.0
SW														100.0
WSW		12.5												87.5
W		2.6												97.4
WNW														100.0
NW														100.0
NNW		6.5												93.5
VARIABLE														
CALM		4.2												95.7
TOTAL		11												249
% TOTAL		4.2												95.8

TOTAL NUMBER OF OBSERVATIONS 260

NAVWEASERVCOM

4431-54321

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	MAY	ALL
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		5.3												94.7
NNE														100.0
NE		28.6												71.4
ENE														100.0
E		25.0												75.0
ESE														100.0
SE		50.0												50.0
SSE		10.0												90.0
S														100.0
SSW		14.3												85.7
SW														100.0
WSW														100.0
W		7.0												93.0
WNW														100.0
NW		3.8												96.2
NNW		12.0												88.0
VARIABLE														
CALM														100.0
TOTAL		15												244
% TOTAL		5.8												94.2

TOTAL NUMBER OF OBSERVATIONS 259

NAVWEASERVCOM

4431-54321

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 1973-FEB 1976 (YEARS) JUNE (MONTH) ALL (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		37.5												62.5
NNE		25.0												75.0
NE														100.0
ENE		20.0												80.0
E														100.0
ESE		25.0												75.0
SE														100.0
SSE		22.2												77.8
S														100.0
SSW														100.0
SW														100.0
WSW														100.0
W														100.0
WNW		2.3												97.7
NW														100.0
NNW		3.6												96.4
VARIABLE														
CALM														100.0
TOTAL		10												237
% TOTAL		4.0												96.0

TOTAL NUMBER OF OBSERVATIONS 247

NAVWEASERVCOM

5708 % FREQ. WIND DIR. W/WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	JULY	ALL
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														100.0
NE														100.0
ENE														100.0
E														100.0
ESE		14.3												85.7
SE														100.0
SSE														100.0
S														100.0
SSW														100.0
SW														100.0
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														
CALM		3.3												96.7
TOTAL		2												233
% TOTAL		.9												99.1

TOTAL NUMBER OF OBSERVATIONS 235

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	AUGUST	ALL
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														100.0
NE														100.0
ENE														100.0
E														100.0
ESE														100.0
SE														100.0
SSE														100.0
S		25.0												75.0
SSW														100.0
SW														100.0
WSW														100.0
W		4.0												96.0
WNW		3.1												96.9
NW														100.0
NNW		7.7												92.3
VARIABLE														
CALM														100.0
TOTAL		5												238
% TOTAL		2.1												97.9

TOTAL NUMBER OF OBSERVATIONS 243

NAVWEASERVCOM

4431-54321

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	SEPTEMBER	ALL
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		6.3												93.8
NNE														100.0
NE														100.0
ENE		7.1												92.9
E		13.3												86.7
ESE														100.0
SE														100.0
SSE														100.0
S														100.0
SSW								11.1						88.9
SW														100.0
WSW		11.1												88.9
W														100.0
WNW														100.0
NW														100.0
NNW		11.8												88.2
VARIABLE														
CALM		5.0												95.0
TOTAL		9						1						208
% TOTAL		4.1						.5						95.4

TOTAL NUMBER OF OBSERVATIONS 218

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	OCTOBER	ALL
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														100.0
NE														100.0
ENE		7.7												92.3
E														100.0
ESE		12.5												87.5
SE		8.3												91.7
SSE														100.0
S		13.3												86.7
SSW														100.0
SW														100.0
WSW														100.0
W		2.7												97.3
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														
CALM		6.7												93.3
TOTAL		7												224
% TOTAL		3.0												97.0

TOTAL NUMBER OF OBSERVATIONS 231

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4431-54321

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	NOVEMBER	ALL
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		12.5												87.5
NNE	8.3	8.3												83.3
NE														100.0
ENE	10.0	10.0												80.0
E		6.7												93.3
ESE	12.5													87.5
SE		28.6												71.4
SSE	13.0	17.4												69.6
S		7.7												92.3
SSW		16.7												83.3
SW														100.0
WSW														100.0
W		4.2												95.8
WNW		9.1												90.9
NW														100.0
NNW														100.0
VARIABLE														
CALM	11.8													88.2
TOTAL	8	15												190
% TOTAL	3.8	7.0												89.2

TOTAL NUMBER OF OBSERVATIONS 213

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	DECEMBER	ALL
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		6.9												93.1
NNE														100.0
NE														100.0
ENE														100.0
E														100.0
ESE														100.0
SE														100.0
SSE														100.0
S														100.0
SSW		20.0												80.0
SW														100.0
WSW														100.0
W		7.1												92.9
WNW														100.0
NW														100.0
NNW		6.7												93.3
VARIABLE														
CALM		10.0												90.0
TOTAL		7												207
% TOTAL		3.3												96.7

TOTAL NUMBER OF OBSERVATIONS 214

NAVWEASERVCOM

4431-54321

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

22501	BARKING SANDS, HAWAII	JAN 1973-FEB 1976	ALL	ALL
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		8.7												91.3
NNE	1.2	3.7												95.1
NE		10.0												90.0
ENE	.9	4.7												94.4
E		3.8												96.2
ESE	2.6	5.1												92.3
SE	3.1	9.2						2.0						87.8
SSE	2.9	9.3												87.9
S		4.1												95.9
SSW	1.4	5.5						1.4						91.8
SW		2.6												97.4
WSW		1.6												98.4
W		3.0												97.0
WNW		1.5												98.5
NW		.7												99.3
NNW		4.6												95.4
VARIABLE														
CALM	1.2	2.2												95.6
TOTAL	15	117						3						2764
% TOTAL	.5	4.0						.1						95.4

TOTAL NUMBER OF OBSERVATIONS 2,897

NAVWEASERVCOM

5708 % FREQ. WIND DIR. VS WEATHER JAN 68

NWSD, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 68-76 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	53.5	6.0	5.5	9.2	6.0	5.1	6.5	2.8	4.1	1.4				40.6	217	5.13	9.94	.54
FEB	75.7	5.8	3.5	6.2	2.2	3.5	1.8	.9	.4					18.6	226	.90	2.62	.24
MAR	66.4	9.7	4.1	6.9	1.4	4.6	2.3	3.2	1.4					24.0	217	1.88	4.11	.10
APR	71.0	8.1	4.8	4.3	2.9	5.2	1.4	1.4	1.0					21.0	210	1.17	3.44	.01
MAY	74.7	8.8	7.4	3.7	1.4	3.2	.5	.5						16.6	217	.39	1.25	.14
JUN	84.8	6.2	1.0	2.4	.5	1.9	1.9	1.4						9.0	210	.63	1.86	TRACE
JUL	77.4	7.8	4.1	4.1	3.2	1.4	.5	.9	.5					14.7	217	.58	1.90	.03
AUG	84.4	9.1	1.1	3.2		1.1	.5	.5						6.5	186	.24	.61	.01
SEP	72.2	9.4	5.6	3.9	2.2	3.3	1.7	1.1	.6					18.3	180	1.15	4.43	.01
OCT	75.6	8.3	2.3	4.6	1.4	2.3	2.3	1.8	1.4					16.1	217	1.69	6.30	.18
NOV	69.0	8.1	4.3	6.2	1.9	1.4	3.8	2.4	1.9	1.0				22.9	210	2.94	8.89	.11
DEC	67.3	6.9	4.4	4.0	3.6	6.5	2.0	2.8	2.0	.4				25.8	248	2.95	9.90	.19
ANNUAL	72.7	7.8	4.0	4.9	2.2	3.3	2.1	1.6	1.1	.2				19.5	2555	19.65		

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5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 68-76 (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														248	.0	.0	.0
FEB	100.0														226	.0	.0	.0
MAR	100.0														217	.0	.0	.0
APR	100.0														180	.0	.0	.0
MAY	100.0														217	.0	.0	.0
JUN	100.0														210	.0	.0	.0
JUL	100.0														217	.0	.0	.0
AUG	100.0														217	.0	.0	.0
SEP	100.0														180	.0	.0	.0
OCT	100.0														217	.0	.0	.0
NOV	100.0														210	.0	.0	.0
DEC	100.0														248	.0	.0	.0
ANNUAL	100.0														2587	.0		

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 68-76 YEARS

21405

	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														248			
FEB	100.0														226			
MAR	100.0														217			
APR	100.0														180			
MAY	100.0														217			
JUN	100.0														210			
JUL	100.0														217			
AUG	100.0														217			
SEP	100.0														180			
OCT	100.0														217			
NOV	100.0														210			
DEC	100.0														248			
ANNUAL	100.0														2587			

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

22501 BARKING SANDS, HAWAII 68-76
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68												2.35	
69		.09	.04	.01	.13	.43	.17	.18	.01	.11	1.86	.20	
70	1.57	.34	.13	.04	.54	TRACE	.18	.02	2.28	.49	.46	.14	2.28
71	2.70	.43	1.08	.74	.11	.85	.08	.59	.23	.70	.05	2.80	2.80
72	3.52	.89	1.79	1.64	.10	.12	1.14		.91	1.93	.67	.43	
73	.32	.25	.14	.14	.13	.04	.03	.38	.01	.39	4.07	2.16	4.07
74	1.02	.22	.97	.61	.23	.64	.51	.04		.93	1.52	.18	
75	4.88	.37	.81	.31	.05	TRACE	.05	.03	.18	.15	1.29	1.26	4.88
76	1.01	1.46											
MEAN	2.15	.51	.71	.50	.18	.30	.31	.19	.60	.67	1.42	1.19	3.51
S. D.	1.628	.452	.644	.575	.166	.345	.401	.217	.886	.626	1.329	1.106	1.184
TOTAL OBS.	217	226	217	210	217	210	217	189	180	217	210	248	2555

NAVWEASERVCOM

188323

5723 Extreme Values Jan 1969

2

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

22501 BARKING SANDS, HAWAII 68-76
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
69	.61 26												PRECIP DAYS
72								.97 29					PRECIP DAYS
74									.01 01				PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

22501 BARKING SANDS, HAWAII 68-76
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68												.0	
69	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.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											
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.	248	226	217	180	217	210	217	217	180	217	210	248	2387

NAVWEASERVCOM

5723 Extreme Values Jan 1969

188321

2

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 68-76 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
69				0									SNOFALL DAYS
74									.0 31				SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5223 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

22501 BARKING SANDS, HAWAII 68-76
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68												0	
69	0	0	0		0	0	0	0	0	0	0	0	
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	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											
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.	248	226	217	180	217	210	217	217	180	217	210	248	2587

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 68-76 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
69				0									SNO DPTH
													DAYS
74									0				SNO DPTH
									31				DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 1969-1976 (YEARS)

JANUARY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.61	15	1969			
2	0.37	9	1970			
3	0.03	1	1975			
4	0.32	8	1971			
5	0.82	21	1971			
6	1.21	31	1971			
7	0.03	1	1974			
8	0.62	16	1971			
9	1.73	44	1975			
10	0.15	4	1975			
11	1.27	32	1970			
12	0.46	12	1974			
13	1.57	40	1970			
14	0.09	2	1974			
15	1.03	26	1971			
16	0.25	6	1971			
17	0.56	14	1974			
18	0.03	1	1969			
19	0.08	2	1974			
20	0.08	2	1975			
21	0.02	1	1974*			
22	0.16	4	1972			
23	3.52	89	1972			
24	0.11	3	1970			
25	0.21	5	1970			
26	0.39	10	1971			
27	2.70	69	1971			
28	0.29	7	1971			
29	0.55	14	1975			
30	1.51	38	1975			
31	4.88	124	1975			
Monthly	4.88	124	1975			

FEBRUARY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.37	9	1975			
2	0.22	6	1974			
3	0.11	3	1974			
4	0.18	5	1972			
5	0.91	23	1976			
6	1.46	37	1976			
7	0.05	1	1976			
8	0.20	5	1976			
9	0.34	9	1970			
10	0.04	1	1974			
11	0.06	2	1969			
12	0.07	2	1969			
13	0.15	4	1970			
14	0.03	1	1970			
15						
16	0.01		1972			
17	0.13	3	1970			
18	0.01		1971*			
19	0.43	11	1971			
20	0.25	6	1973			
21	0.02	1	1972			
22	0.89	23	1972			
23	0.05	1	1972			
24	0.46	12	1972			
25	0.07	2	1972			
26						
27	T	T	1974			
28	T	T	1973			
29	T	T	1972			
30						
31						
Monthly	1.46	37	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

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 1969-1976 (YEARS)

MARCH (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.12	3	1972			
2	1.79	45	1972			
3	0.52	13	1974			
4	0.06	2	1972			
5	0.18	5	1974			
6	0.16	4	1972			
7	0.13	3	1972			
8						
9	T	T	1971*			
10	0.02	1	1973			
11	0.64	16	1974			
12	0.97	25	1974			
13	0.15	4	1975			
14	0.15	4	1972			
15	0.01		1974*			
16	0.04	1	1970			
17	0.40	10	1974			
18						
19	1.08	27	1971			
20	0.68	17	1971			
21	T	T	1974			
22	0.47	12	1972			
23	0.02	1	1969			
24	1.06	27	1971			
25	0.72	18	1971			
26	0.09	2	1973			
27	0.81	21	1975			
28	0.57	14	1975			
29	0.01		1974			
30	0.01		1972*			
31	0.04	1	1969			
Monthly	1.79	45	1972			

APRIL (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.06	2	1971			
2	0.09	2	1971			
3	0.08	2	1973			
4	0.02	1	1971			
5	0.26	7	1971			
6	0.02	1	1972			
7	0.14	4	1973			
8	T	T	1975			
9	0.31	8	1975			
10						
11	0.03	1	1974			
12	T	T	1973			
13	0.15	4	1972			
14	1.27	32	1972			
15	1.64	42	1972			
16	0.11	3	1971			
17	0.01		1974			
18	0.21	5	1972			
19	0.25	6	1974			
20	0.74	19	1971			
21	0.12	3	1973			
22	0.08	2	1974			
23	0.54	14	1971			
24	0.26	7	1971			
25	0.11	3	1971			
26	0.04	1	1970			
27	0.01		1970			
28	T	T	1975*			
29	0.01		1971			
30	0.22	6	1971			
31						
Monthly	1.64	42	1972			

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

DIRNAVOCEANMET–SMOS

5224 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS

5724 DAILY AMOUNTS MAR 1978

MAY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.06	2	1971			
2	0.54	14	1970			
3	0.47	12	1970			
4	0.18	5	1970			
5	0.01		1970			
6						
7	0.13	3	1973			
8	0.01		1973			
9	T	T	1973			
10	0.13	3	1973			
11	0.11	3	1969			
12	0.13	3	1969			
13	0.01		1974*			
14	0.04	1	1975			
15	T	T	1974			
16	0.01		1975			
17	0.23	6	1974			
18	0.01		1974			
19	0.11	3	1971			
20						
21	0.01		1975*			
22	0.05	1	1975			
23						
24	T	T	1969			
25	0.05	1	1970			
26						
27	0.02	1	1973			
28	0.01		1972			
29	0.05	1	1974			
30	0.08	2	1969			
31						
Monthly	0.54	14	1970			

JUNE MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2	T	T	1972			
3	0.12	3	1972			
4						
5						
6						
7	0.02	1	1974			
8	0.08	2	1972			
9	T	T	1972			
10	0.02	1	1974			
11	T	T	1975			
12						
13						
14	T	T	1973			
15	0.44	11	1971			
16	0.56	14	1971			
17	0.85	22	1971			
18	0.32	8	1974			
19	0.64	16	1974			
20						
21	0.03	1	1972			
22	0.04	1	1972			
23	0.43	11	1969			
24	0.13	3	1969			
25	T	T	1974			
26	T	T	1970*			
27						
28	0.33	8	1974			
29	0.24	6	1974			
30						
31						
Monthly	0.85	22	1971			

* 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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 1969-1976 (YEARS)

JULY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.01		1975			
2	0.02	1	1972			
3	T	T	1973			
4	0.02	1	1969			
5	T	T	1973			
6	0.01		1974*			
7	0.01		1969			
8	0.09	2	1970			
9	0.02	1	1971			
10	1.14	29	1972			
11	0.04	1	1970			
12	0.08	2	1974			
13	0.51	13	1974			
14	0.05	1	1972			
15	0.08	2	1972			
16	0.09	2	1974			
17						
18	T	T	1975*			
19	0.17	4	1969			
20						
21	0.42	11	1974			
22	0.15	4	1974			
23	T	T	1969			
24	0.02	1	1969			
25	0.18	5	1970			
26	0.01		1970			
27	0.09	2	1974			
28	0.01		1972			
29	0.51	13	1974			
30	0.06	2	1971			
31	0.01		1972			
Monthly	1.14	29	1972			

AUGUST (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.02	1	1970			
2	T	T	1971*			
3						
4						
5	T	T	1971			
6	0.03	1	1971			
7						
8	0.18	5	1969			
9	0.15	4	1973			
10	0.55	14	1971			
11	T	T	1969			
12	T	T	1970			
13						
14	T	T	1975			
15						
16	T	T	1973			
17	T	T	1970			
18						
19	T	T	1969			
20	0.03	1	1971			
21	0.03	1	1975			
22	0.33	8	1973			
23	0.01		1975			
24						
25						
26	T	T	1969			
27	T	T	1969			
28						
29						
30	0.97	25	1972			
31	T	T	1972*			
Monthly	0.97	25	1972			

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

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 1969-1976 (YEARS)

SEPTEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.28	7	1970			
2	0.01		1972			
3	0.01		1972*			
4	0.22	6	1972			
5	0.23	6	1971			
6	0.01		1974			
7	T	T	1972			
8	0.05	1	1972			
9						
10	0.11	3	1971			
11	0.28	7	1970			
12	2.28	58	1970			
13	0.17	4	1971			
14	T	T	1973			
15	0.91	23	1972			
16	0.06	2	1972			
17	0.19	5	1971			
18	T	T	1970			
19	0.02	1	1972			
20	0.10	3	1970			
21	0.08	2	1975			
22	0.01		1972			
23	0.01		1971			
24	0.05	1	1971			
25	0.01		1973			
26	0.97	25	1970			
27						
28	0.04	1	1971			
29	0.06	2	1970			
30	0.41	10	1970			
31						
Monthly	2.28	58	1970			

OCTOBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.07	2	1970			
2	0.15	4	1970			
3	0.93	24	1974			
4	0.36	9	1974			
5	0.58	15	1974			
6	T	T	1972			
7	0.03	1	1975			
8						
9	T	T	1974			
10	0.04	1	1969			
11	1.93	49	1972			
12	1.84	47	1972			
13	0.05	1	1971			
14	0.03	1	1974			
15	T	T	1974*			
16						
17	0.20	5	1971			
18	0.10	3	1972			
19	0.46	12	1970			
20	T	T	1969			
21	0.15	4	1975			
22	T	T	1970*			
23						
24	0.01		1970			
25	0.10	3	1971			
26	0.11	3	1969			
27	0.01		1969			
28	0.88	22	1972			
29	1.32	34	1972			
30	0.43	11	1971			
31	0.39	10	1973			
Monthly	1.93	49	1972			

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

DIRNAVOCEANMET–SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 1969-1976 (YEARS)

NOVEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2	0.80	20	1973			
3						
4	0.05	1	1971			
5	T	T	1971			
6	0.05	1	1972			
7	0.01		1974			
8	T	T	1972			
9	0.02	1	1969			
10	0.06	2	1974			
11	0.68	17	1969			
12	1.86	47	1969			
13						
14	0.84	21	1969			
15	0.15	4	1974			
16	0.11	3	1974			
17	1.52	39	1974			
18	1.25	32	1974			
19	4.07	103	1973			
20	2.70	69	1973			
21	0.27	7	1974			
22	0.26	7	1974			
23	0.32	8	1974			
24	1.29	33	1975			
25	0.67	17	1972			
26	0.33	8	1975			
27	0.02	1	1975			
28	0.04	1	1973			
29	0.16	4	1972			
30	0.89	23	1973			
31						
Monthly	4.07	103	1973			

DECEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.16	55	1973			
2	0.26	7	1972			
3	0.14	4	1975			
4	T	T	1970			
5	0.16	4	1973			
6	0.01		1971			
7	0.17	4	1971			
8	2.35	60	1968			
9	0.02	1	1975			
10	0.09	2	1975			
11	0.08	2	1969			
12	0.11	3	1968			
13	1.26	32	1975			
14	0.38	10	1975			
15	0.12	3	1971			
16	2.04	52	1968			
17	0.66	17	1968			
18	2.80	71	1971			
19	0.99	25	1971			
20	0.18	5	1974			
21	0.18	5	1974			
22	0.18	5	1974			
23	0.09	2	1971			
24	2.32	59	1968			
25	0.81	21	1968			
26	0.06	2	1974			
27	0.20	5	1969			
28	0.02	1	1974			
29	0.08	2	1973			
30	0.63	16	1973			
31	0.29	7	1972			
Monthly	2.80	71	1971			

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

DIRNAVOCEANMET–SMOS

5224 DAILY AMOUNTS MAR 1978

NWSD, 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 3-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.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 68-76 YEARS

DAILY PEAK GUSTS IN KNUTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68												N 43	
69	N 92	N 31	N 32	NNE 33	N 33	NNE 29	NNE 29	SW 22	N 26	NNE 30	NW 26	NNE 40	N 92
70	NW 46	N 33	N 25	N 28	ESE 25	N 15	NNE 26	NNE 18	NNE 23	N 33	N 31	NNE 28	NW 46
71	S 50	16 26	02 37	06 22	33 20	36 26		13 21	14 21	19 33	01 26	15 28	
72	01 32	14 31	15 33	11 33	30 19	36 26	02 19	01 29	27 21	36 26	21 39	36 29	21 39
73	01 32	01 33	07 21	01 35	03 26	02 15	01 20	04 16	30 19	23 22	16 42	02 34	16 42
74	21 29	14 23	22 30	01 33	36 22	02 17	06 22	01 19	01 19	31 16	01 32	18 23	01 33
75	12 46	36 32	02 40		36 20	29 24	02 17	01 21	18 20	17 19	24 30	13 28	
76	01 30	16 40											
MEAN	44.6	31.1	31.1	30.7	23.6	21.7	22.2	20.9	21.3	25.4	32.3	31.6	50.4
S. D.	20.887	5.055	6.568	4.844	4.928	5.880	4.535	4.140	2.498	6.973	6.130	6.823	23.734
TOTAL OBS.	245	221	214	180	216	210	186	215	211	211	209	247	2565

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 68-76 YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
71							19 18 27						WINDS DAYS
75				15 20 19									WINDS DAYS
MEAN													
S. D.													WINDS
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 08 (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				1.5								1.5	14.0
NNE					1.5							1.5	18.0
NE	1.5											1.5	2.0
ENE	15.4	3.1										18.5	2.8
E	16.9	6.2										23.1	2.9
ESE	3.1				1.5	1.5						6.2	12.3
SE	3.1	4.6	1.5	1.5								10.8	5.7
SSE	3.1	4.6	1.5									9.2	4.8
S		3.1		1.5								4.6	7.3
SSW													
SW				1.5								1.5	11.0
WSW													
W				3.1								3.1	12.0
WNW													
NW													
NNW		1.5	1.5									3.1	6.0
VARBL													
CALM												15.4	
	43.1	23.1	4.6	9.2	3.1	1.5						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (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	1.6	3.1	1.6	3.1								9.4	8.5
NNE		1.6	3.1	1.6								6.3	8.5
NE													
ENE		1.6										1.6	4.0
E													
ESE		1.6										1.6	6.0
SE	1.6	1.6		4.7								7.8	9.6
SSE		4.7	4.7	1.6								10.9	7.7
S	1.6	1.6	4.7	3.1								10.9	8.1
SSW	3.1	1.6		1.6								6.3	5.5
SW		3.1										3.1	4.5
WSW	1.6	3.1										4.7	4.3
W	3.1	4.7	3.1									10.9	5.9
WNW	4.7	4.7										9.4	3.7
NW	3.1	3.1	1.6									7.8	4.0
NNW	1.6	6.3	1.6									9.4	5.5
VARBL													
CALM												.0	
	21.9	42.2	20.3	15.6								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (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			3.1	4.7	1.6							9.4	13.0
NNE		1.6	1.6	3.1								6.3	11.3
NE													
ENE													
E													
ESE													
SE		1.6	1.6	4.7								7.8	10.8
SSE		1.6	3.1									4.7	7.7
S			4.7	3.1								7.8	10.2
SSW			3.1									3.1	8.0
SW		3.1	1.6	1.6								6.3	8.0
WSW	1.6	1.6	1.6									4.7	5.7
W	4.7	3.1	3.1		1.6							12.5	6.1
WNW	1.6	6.3	6.3									14.1	5.7
NW		4.7	1.6									6.3	5.8
NNW	1.6	4.7	4.7	3.1								14.1	7.3
VARBL													
CALM												3.1	
	9.4	28.1	35.9	20.3	3.1							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 74-75 YEARS | JAN 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	2.3	4.5	4.5	6.8	2.3							20.5	9.3
NNE					2.3							2.3	17.0
NE													
ENE													
E		4.5										4.5	5.0
ESE			4.5									4.5	8.0
SE		2.3	6.8									9.1	8.0
SSE			4.5									4.5	8.5
S	2.3		4.5									6.8	6.3
SSW			2.3									2.3	7.0
SW	2.3		6.8									9.1	7.3
WSW		2.3										2.3	4.0
W	4.5	6.8	2.3									13.6	4.8
WNW	2.3	2.3										4.5	4.5
NW	2.3	2.3										4.5	3.0
NNW		2.3	2.3									4.5	7.0
VARBL													
CALM												6.8	
	15.9	27.3	38.6	6.8	4.5							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 44

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (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	.8	1.7	2.1	3.8	.8							9.3	10.3
NNE		.8	1.3	1.3	.8							4.2	11.4
NE	.4											.4	2.0
ENE	4.2	1.3										5.5	2.9
E	4.6	2.5										7.2	3.1
ESE	.8	.4	.8		.4	.4						3.0	10.1
SE	1.3	2.5	2.1	3.0								8.9	8.3
SSE	.8	3.0	3.4	.4								7.6	6.8
S	.8	1.3	3.4	2.1								7.6	8.3
SSW	.8	.4	1.3	.4								3.0	6.4
SW	.4	1.7	1.7	.8								4.6	7.4
WSW	.8	1.7	.4									3.0	4.9
W	3.0	3.4	2.1	.8	.4							9.7	6.2
WNW	2.1	3.4	1.7									7.2	4.8
NW	1.3	2.5	.8									4.6	4.5
NNW	.8	3.8	2.5	.8								8.0	6.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	6.3	
	23.2	30.4	23.6	13.5	2.5	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 237

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

08 (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		2.6	2.6	1.3		1.3						7.9	11.0
NNE	2.6	1.3										3.9	2.7
NE	5.3											5.3	2.3
ENE	13.2	3.9										17.1	2.8
E	23.7	2.6										26.3	2.5
ESE	5.3											5.3	2.3
SE	3.9											3.9	2.0
SSE		2.6	3.9									6.6	7.8
S		1.3			1.3							2.6	10.5
SSW													
SW													
WSW	1.3											1.3	3.0
W													
WNW													
NW													
NNW	1.3		1.3									2.6	4.0
VARBL													
CALM												17.1	
	56.6	14.5	7.9	1.3	1.3	1.3						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (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		1.3	1.3	5.3	1.3							9.2	13.4
NNE			1.3	3.9								5.3	13.3
NE													
ENE	1.3											1.3	2.0
E													
ESE		1.3			1.3							2.6	12.5
SE			2.6									2.6	8.5
SSE		2.6	1.3	1.3		1.3						6.6	10.6
S		1.3		1.3								2.6	8.0
SSW													
SW	2.6	3.9	2.6									9.2	5.4
WSW	2.6	6.6										9.2	4.0
W	5.3	3.9										9.2	3.3
WNW	2.6	13.2	2.6									18.4	4.6
NW	2.6	7.9	1.3									11.8	4.6
NNW	1.3	7.9		1.3								10.5	5.6
VARBL													
CALM												1.3	
	18.4	50.0	13.2	13.2	2.6	1.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (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		1.3	6.6	5.3	7.9	1.3						22.4	14.1
NNE	1.3			1.3								2.6	7.5
NE													
ENE													
E													
ESE													
SE		1.3	2.6	1.3								5.3	9.3
SSE				1.3		1.3						2.6	18.0
S		1.3		1.3								2.6	9.0
SSW		1.3	2.6									3.9	7.7
SW		2.6	2.6									5.3	6.5
WSW		5.3	2.6									7.9	5.8
W		5.3	1.3									6.6	5.6
WNW	1.3	7.9	2.6									11.8	5.7
NW		7.9	6.6									14.5	6.3
NNW		3.9	7.9	1.3								13.2	8.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.3	
	2.6	38.2	35.5	11.8	7.9	2.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) FEB (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		3.6	1.8	14.3	7.1							26.8	14.1
NNE													
NE													
ENE	1.8											1.8	2.0
E													
ESE	3.6											3.6	2.5
SE													
SSE		1.8	1.8									3.6	6.5
S		1.8	3.6									5.4	6.7
SSW		1.8	1.8									3.6	6.5
SW	1.8	5.4										7.1	4.3
WSW													
W		8.9	1.8									10.7	5.7
WNW	1.8	3.6										5.4	4.3
NW	5.4	8.9										14.3	3.9
NNW	1.8	5.4	7.1	3.6								17.9	7.6
VARBL													
CALM												.0	
	16.1	41.1	17.9	17.9	7.1							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 56

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.1	3.2	6.0	3.9	.7						15.8	13.6
NNE	1.1	.4	.4	1.4								3.2	8.4
NE	1.4											1.4	2.3
ENE	4.2	1.1										5.3	2.7
E	6.3	.7										7.0	2.5
ESE	2.1	.4			.4							2.8	4.9
SE	1.1	.4	1.4	.4								3.2	6.7
SSE		1.8	1.8	.7		.7						4.9	10.1
S		1.4	.7	.7	.4							3.2	8.3
SSW		.7	1.1									1.8	7.2
SW	1.1	2.8	1.4									5.3	5.4
WSW	1.1	3.2	.7									4.9	4.7
W	1.4	4.2	.7									6.3	4.7
WNW	1.4	6.3	1.4									9.2	5.0
NW	1.8	6.0	2.1									9.9	5.0
NNW	1.1	4.2	3.9	1.4								10.6	7.0
VARBL													
CALM												5.3	
	23.9	35.6	18.7	10.6	4.6	1.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 284

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 08 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	1.6	1.6	1.6	1.6							9.4	8.3
NNE	6.3	1.6										7.8	2.8
NE	4.7	1.6										6.3	3.3
ENE	4.7	3.1										7.8	3.2
E	9.4	3.1										12.5	2.9
ESE	6.3											6.3	2.3
SE	7.8		1.6									9.4	2.8
SSE	1.6	4.7		1.6								7.8	5.4
S				1.6								1.6	12.0
SSW			1.6									1.6	10.0
SW													
WSW													
W		1.6										1.6	5.0
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.1	
	43.8	17.2	4.7	4.7	1.6							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (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		1.6	1.6	3.1		1.6						7.8	12.0
NNE													
NE													
ENE													
E													
ESE				1.6								1.6	14.0
SE				1.6								1.6	11.0
SSE	1.6		1.6	1.6								4.7	8.0
S		1.6	1.6	7.8								10.9	11.6
SSW	1.6											1.6	3.0
SW	3.1	1.6		1.6								6.3	5.3
WSW	3.1	6.3										9.4	4.2
W		10.9	4.7									15.6	5.8
WNW	3.1	10.9	3.1									17.2	5.0
NW		3.1	4.7									7.8	6.8
NNW	1.6	7.8	3.1									12.5	5.3
VARBL													
CALM												3.1	
	14.1	43.8	20.3	17.2		1.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (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		1.6	1.6	1.6		1.6						6.3	13.0
NNE	1.6											1.6	3.0
NE													
ENE	1.6											1.6	2.0
E			1.6									1.6	8.0
ESE													
SE				1.6								1.6	14.0
SSE			1.6	1.6								3.1	10.0
S			3.1	3.1								6.3	11.8
SSW		1.6	1.6	3.1								6.3	10.5
SW			1.6									1.6	9.0
WSW	1.6	3.1	3.1									7.8	5.6
W	1.6	3.1	7.8									12.5	6.5
WNW	1.6	10.9	7.8									20.3	5.8
NW		7.8	6.3	1.6								15.6	7.1
NNW	1.6	1.6	6.3	1.6								10.9	6.9
VARBL													
CALM												3.1	
	9.4	29.7	42.2	14.1		1.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (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	4.7	1.6	4.7	3.1		1.6						15.6	9.2
NNE													
NE	1.6											1.6	3.0
ENE													
E													
ESE		3.1										3.1	4.0
SE				3.1								3.1	12.0
SSE				3.1								3.1	14.5
S		1.6	1.6	1.6								4.7	9.0
SSW		1.6		1.6								3.1	9.5
SW	1.6	3.1		1.6								6.3	7.3
WSW	1.6	1.6										3.1	3.0
W	4.7	12.5										17.2	4.1
WNW	4.7	12.5	1.6									18.8	4.5
NW		6.3	1.6									7.8	5.4
NNW	1.6	3.1	6.3	1.6								12.5	7.3
VARBL													
CALM												.0	
	20.3	46.9	15.6	15.6		1.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR:	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	1.6	2.3	2.3	.4	1.2						9.8	10.2
NNE	2.0	.4										2.3	2.8
NE	1.6	.4										2.0	3.2
ENE	1.6	.8										2.3	3.0
E	2.3	.8	.4									3.5	3.4
ESE	1.6	.8		.4								2.7	4.4
SE	2.0		.4	1.6								3.9	6.6
SSE	.8	1.2	.8	2.0								4.7	8.3
S		.8	1.6	3.5								5.9	11.1
SSW	.4	.8	.8	1.2								3.1	9.3
SW	1.2	1.2	.4	.8								3.5	6.6
WSW	1.6	2.7	.8									5.1	4.5
W	1.6	7.0	3.1									11.7	5.3
WNW	2.3	8.6	3.1									14.1	5.1
NW		4.3	3.1	.4								7.8	6.6
NNW	1.2	3.1	3.9	.8								9.0	6.4
VARBL													
CALM												8.6	
	21.9	34.4	20.7	12.9	.4	1.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 256

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 08 (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	1.5			1.5								3.1	7.5
NNE	3.1	1.5	1.5									6.2	4.3
NE	1.5	3.1										4.6	3.3
ENE	9.2	1.5										10.8	2.6
E	13.8											13.8	1.9
ESE	9.2											9.2	1.8
SE	7.7											7.7	2.4
SSE	4.6		3.1									7.7	4.4
S	1.5											1.5	2.0
SSW	1.5											1.5	1.0
SW	1.5											1.5	3.0
WSW			1.5									1.5	9.0
W													
WNW													
NW	1.5											1.5	1.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	29.2	
	56.9	6.2	6.2	1.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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			1.5	3.1	1.5	1.5						7.7	14.8
NNE			1.5		1.5							3.1	13.5
NE		1.5										1.5	4.0
ENE													
E													
ESE													
SE													
SSE			1.5									1.5	10.0
S			1.5	1.5								3.1	11.5
SSW													
SW			1.5									1.5	7.0
WSW		3.1	3.1									6.2	6.3
W	4.6	9.2	3.1									16.9	4.7
WNW	1.5	7.7	3.1	1.5								13.8	6.3
NW	1.5	12.3	6.2									20.0	5.8
NNW		9.2	12.3									21.5	6.5
VARBL													
CALM												3.1	
	7.7	43.1	35.4	6.2	3.1	1.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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	1.5	3.1	1.5	3.1	1.5	1.5						12.3	12.3
NNE		1.5			1.5							3.1	13.0
NE		1.5										1.5	6.0
ENE			1.5									1.5	9.0
E													
ESE													
SE			1.5									1.5	10.0
SSE													
S			3.1	1.5								4.6	10.3
SSW													
SW													
WSW		1.5										1.5	4.0
W		12.3	6.2									18.5	6.1
WNW		12.3	6.2									18.5	5.9
NW		9.2	9.2									18.5	6.6
NNW		9.2	3.1	4.6								16.9	7.5
VARBL													
CALM												1.5	
	1.5	50.8	32.3	9.2	3.1	1.5						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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			6.2		1.5	3.1						10.8	14.1
NNE	3.1	3.1		1.5								7.7	5.4
NE													
ENE													
E													
ESE													
SE													
SSE				1.5								1.5	13.0
S		6.2	4.6									10.8	6.4
SSW		1.5										1.5	6.0
SW		1.5	1.5									3.1	6.5
WSW	3.1											3.1	2.5
W	6.2	12.3	6.2									24.6	5.0
WNW	3.1	7.7										10.8	4.0
NW	3.1	7.7	4.6									15.4	5.6
NNW	1.5	4.6	3.1									9.2	6.0
VARBL													
CALM												1.5	
	20.0	44.6	26.2	3.1	1.5	3.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 73-75 (YEARS) | APR (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	.8	.8	2.3	1.9	1.2	1.5						8.5	13.0
NNE	1.5	1.5	.8	.4	.8							5.0	7.5
NE	.4	1.5										1.9	4.0
ENE	2.3	.4	.4									3.1	3.4
E	3.5											3.5	1.9
ESE	2.3											2.3	1.8
SE	1.9		.4									2.3	3.7
SSE	1.2		1.2	.4								2.7	6.4
S	.4	1.5	2.3	.8								5.0	7.8
SSW	.4	.4										.8	3.5
SW	.4	.4	.8									1.5	5.8
WSW	.8	1.2	1.2									3.1	5.4
W	2.7	8.5	3.8									15.0	5.3
WNW	1.2	6.9	2.3	.4								10.8	5.6
NW	1.5	7.3	5.0									13.8	5.9
NNW	.4	5.8	4.6	1.2								11.9	6.8
VARBL													
CALM												8.8	
	21.5	30.2	25.0	5.0	1.9	1.5						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 260

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 08 (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	1.5	1.5										3.1	3.0
NNE	1.5	3.1										4.6	4.3
NE	6.2	1.5										7.7	2.8
ENE	7.7	1.5										9.2	2.2
E	3.1											3.1	1.5
ESE	3.1	1.5										4.6	3.0
SE	3.1											3.1	2.0
SSE	6.2	1.5	1.5									9.2	3.8
S	3.1											3.1	2.5
SSW													
SW	3.1											3.1	1.5
WSW	3.1											3.1	2.0
W													
WNW	4.6											4.6	2.0
NW	3.1											3.1	2.0
NNW	3.1											3.1	2.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	35.4	
	52.3	10.8	1.5									100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (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		1.5	3.1									4.6	8.3
NNE	1.5											1.5	2.0
NE													
ENE													
E		1.5										1.5	5.0
ESE													
SE			1.5									1.5	9.0
SSE													
S			1.5									1.5	10.0
SSW		1.5	3.1									4.6	6.3
SW		1.5	1.5									3.1	6.5
WSW	3.1	7.7	1.5									12.3	4.8
W	1.5	18.5	4.6									24.6	5.8
WNW		15.4	3.1									10.5	5.4
NW	3.1	4.6	4.6									12.3	5.8
NNW		7.7	6.2									13.8	6.2
VARBL													
CALM												.0	
	9.2	60.0	30.8									100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (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	1.5	1.5	3.1	6.2								12.3	9.9
NNE													
NE		1.5										1.5	4.0
ENE													
E		1.5										1.5	6.0
ESE													
SE													
SSE		1.5										1.5	5.0
S		1.5		1.5								3.1	9.0
SSW		1.5										1.5	6.0
SW		1.5	3.1									4.6	6.7
WSW		4.6	3.1									7.7	6.0
W	1.5	15.4	4.6									21.5	5.8
WNW	1.5	13.8	4.6									20.0	5.3
NW	1.5	7.7	4.6									13.8	6.3
NNW		1.5	7.7									9.2	7.0
VARBL													
CALM												1.5	
	6.2	53.8	30.8	7.7								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (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			7.8	1.6								9.4	10.0
NNE	1.6	1.6		1.6								4.7	6.0
NE	1.6											1.6	2.0
ENE													
E													
ESE													
SE		1.6										1.6	4.0
SSE		4.7										4.7	5.0
S		3.1		1.6								4.7	6.7
SSW	3.1		1.6									4.7	5.3
SW	1.6	3.1	3.1									7.8	5.4
WSW		3.1	4.7									7.8	6.6
W	6.3	7.8	6.3									20.3	5.5
WNW	4.7	3.1	1.6									9.4	4.3
NW		10.9										10.9	5.3
NNW		4.7	7.8									12.5	6.5
VARBL													
CALM												.0	
	18.8	43.8	32.8	4.7								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (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	.8	1.2	3.5	1.9								7.3	8.9
NNE	1.2	1.2		.4								2.7	4.7
NE	1.9	.8										2.7	2.9
ENE	1.9	.4										2.3	2.2
E	.8	.8										1.5	3.5
ESE	.8	.4										1.2	3.0
SE	.8	.4	.4									1.5	4.3
SSE	1.5	1.9	.4									3.9	4.3
S	.8	1.2	.4	.8								3.1	6.6
SSW	.8	.8	1.2									2.7	5.9
SW	1.2	1.5	1.9									4.6	5.3
WSW	1.5	3.9	2.3									7.7	5.3
W	2.3	10.4	3.9									16.6	5.7
WNW	2.7	8.1	2.3									13.1	4.9
NW	1.9	5.8	2.3									10.0	5.5
NNW	.8	3.5	5.4									9.7	6.2
VARBL													
CALM												9.3	
	21.6	42.1	23.9	3.1								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 259

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 08 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	1.6										4.8	2.3
NNE	4.8											4.8	1.7
NE	8.1											8.1	1.8
ENE	4.8											4.8	1.7
E	3.2											3.2	1.5
ESE	3.2	3.2										6.5	3.3
SE	4.8	3.2										8.1	3.2
SSE	6.5	1.6										8.1	2.2
S	1.6											1.6	3.0
SSW													
SW													
WSW	3.2	1.6										4.8	3.3
W	3.2											3.2	1.5
WNW	1.6											1.6	1.0
NW	3.2											3.2	2.5
NNW	6.5											6.5	2.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	30.6	
	58.1	11.3										100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (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		3.2										3.2	5.0
NNE													
NE													
ENE			1.6									1.6	8.0
E													
ESE													
SE													
SSE		3.2										3.2	5.0
S		1.6	1.6									3.2	7.0
SSW			1.6									1.6	7.0
SW			1.6									1.6	7.0
WSW		6.5	6.5									12.9	6.3
W	1.6	22.6	9.7									33.9	5.9
WNW	3.2	11.3	6.5									21.0	5.2
NW		3.2	3.2									6.5	6.3
NNW	1.6	8.1	1.6									11.3	4.7
VARBL													
CALM												.0	
	6.5	59.7	33.9									100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 62

5702 SURFACE WINDS JAN 78

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (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	1.6	1.6										3.2	3.5
NNE													
NE													
ENE	1.6											1.6	3.0
E													
ESE													
SE													
SSE			1.6									1.6	8.0
S			1.6									1.6	10.0
SSW													
SW		1.6	1.6									3.2	6.0
WSW	1.6	1.6	11.3									14.5	7.1
W	1.6	6.5	9.7									17.7	6.6
WNW	3.2	12.9	12.9	1.6								30.6	6.4
NW	1.6	12.9	1.6									16.1	5.5
NNW	4.8	3.2	1.6									9.7	4.0
VARBL													
CALM												.0	
	16.1	40.3	41.9	1.6								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (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		1.6										1.6	4.0
NNE		1.6										1.6	6.0
NE													
ENE													
E													
ESE													
SE													
SSE		1.6										1.6	4.0
S	1.6		3.3									4.9	6.0
SSW			3.3									3.3	8.5
SW	1.6	4.9										6.6	4.0
WSW		8.2	6.6									14.8	6.4
W	6.6	4.9										11.5	3.6
WNW	4.9	6.6	4.9									16.4	4.9
NW	4.9	8.2	4.9									18.0	5.1
NNW	3.3	8.2	6.6									18.0	5.9
VARBL													
CALM												1.6	
	23.0	45.9	29.5									100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 61

DiRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	2.0										3.2	3.5
NNE	1.2	.4										1.6	2.8
NE	2.0											2.0	1.8
ENE	1.6		.4									2.0	3.2
E	.8											.8	1.5
ESE	.8	.8										1.6	3.3
SE	1.2	.8										2.0	3.2
SSE	1.6	1.6	.4									3.6	3.7
S	.8	.4	1.6									2.8	6.4
SSW			1.2									1.2	8.0
SW	.4	1.6	.8									2.8	5.0
WSW	1.2	4.5	6.1									11.7	6.3
W	3.2	8.5	4.9									16.6	5.5
WNW	3.2	7.7	6.1	.4								17.4	5.6
NW	2.4	6.1	2.4									10.9	5.2
NNW	4.0	4.9	2.4									11.3	4.7
VARBL													
CALM												8.1	
	25.9	39.3	26.3	.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 247

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 08 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1											3.1	2.0
NNE	3.1											3.1	2.5
NE	3.1											3.1	1.0
ENE	3.1											3.1	2.0
E	7.8											7.8	2.0
ESE	9.4											9.4	1.8
SE	3.1	1.6										4.7	2.7
SSE	9.4		1.6									10.9	2.9
S	1.6											1.6	3.0
SSW													
SW	1.6											1.6	1.0
WSW	1.6											1.6	2.0
W	1.6											1.6	3.0
WNW													
NW	3.1											3.1	2.0
NNW	1.6											1.6	2.0
VARBL													
CALM												43.8	
	53.1	1.6	1.6									100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (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			1.6	1.6								3.1	9.5
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE				1.6								1.6	13.0
S													
SSW		4.7	1.6									6.3	6.3
SW		3.1	4.7									7.8	6.8
WSW		9.4	1.6									10.9	5.4
W		21.9	4.7									26.6	5.5
WNW		12.5	3.1									15.6	5.4
NW	1.6	12.5	1.6									15.6	5.1
NNW		7.8	4.7									12.5	6.3
VARBL													
CALM												.0	
	1.6	71.9	23.4	3.1								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (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		1.6	1.6									3.1	6.5
NNE		1.6										1.6	6.0
NE													
ENE													
E													
ESE	1.6											1.6	3.0
SE				1.6								1.6	12.0
SSE													
S			1.6									1.6	8.0
SSW													
SW		1.6	1.6									3.1	6.5
WSW		6.3	14.1									20.3	7.1
W	3.1	6.3	12.5									21.9	6.1
WNW		6.3	17.2									23.4	7.2
NW	1.6	4.7	4.7									10.9	6.0
NNW	1.6	3.1	4.7									9.4	6.2
VARBL													
CALM												1.6	
	7.8	31.3	57.8	1.6								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (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			9.3									9.3	8.5
NNE	2.3											2.3	1.0
NE													
ENE													
E	2.3											2.3	2.0
ESE													
SE													
SSE			2.3									2.3	10.0
S		2.3	2.3									4.7	8.0
SSW			7.0									7.0	9.0
SW		9.3	2.3									11.6	6.6
WSW		7.0	2.3									9.3	6.0
W	4.7	20.9	4.7									30.2	5.2
WNW	4.7	7.0										11.6	3.4
NW		2.3										2.3	6.0
NNW	2.3	2.3										4.7	4.5
VARBL													
CALM												2.3	
	16.3	51.2	30.2									100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 43

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (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	.9	.4	2.6	.4								4.3	7.0
NNE	1.3	.4										1.7	3.0
NE	.9											.9	1.0
ENE	.9											.9	2.0
E	2.6											2.6	2.0
ESE	3.0											3.0	2.0
SE	.9	.4		.4								1.7	5.0
SSE	2.6		.9	.4								3.8	4.8
S	.4	.4	.9									1.7	6.8
SSW		1.3	1.7									3.0	7.4
SW	.4	3.0	2.1									5.5	6.2
WSW	.4	5.5	4.7									10.6	6.2
W	2.1	11.5	5.5									19.1	5.5
WNW	.9	6.4	5.5									12.8	6.0
NW	1.7	5.1	1.7									8.5	5.2
NNW	1.3	3.4	2.6									7.2	5.8
VARBL													
CALM												12.8	
	20.0	37.9	28.1	1.3								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 235

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 08 (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	1.5											1.5	1.0
NNE	1.5											1.5	2.0
NE	6.1											6.1	1.5
ENE	3.0											3.0	1.5
E	13.6	3.0										16.7	1.9
ESE	9.1	1.5										10.6	2.0
SE	9.1											9.1	2.0
SSE	4.5											4.5	2.3
S	1.5											1.5	3.0
SSW	1.5											1.5	2.0
SW	1.5											1.5	3.0
WSW	1.5											1.5	1.0
W	1.5											1.5	1.0
WNW													
NW													
NNW	3.0											3.0	2.0
VARBL													
CALM												36.4	
	59.1	4.5										100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (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		1.5	1.5									3.0	7.0
NNE			1.5									1.5	7.0
NE													
ENE													
E		1.5										1.5	5.0
ESE													
SE													
SSE													
S		1.5										1.5	4.0
SSW			4.5									4.5	8.0
SW	1.5	3.0	1.5									6.1	5.8
WSW		10.6										10.6	5.3
W	3.0	15.2	6.1									24.2	5.8
WNW		12.1	9.1									21.2	6.5
NW	1.5	16.7	1.5									19.7	5.6
NNW			4.5									4.5	8.7
VARBL													
CALM												1.5	
	6.1	62.1	30.3									100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (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			1.5									1.5	7.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	1.5		1.5									3.0	5.5
S													
SSW			3.0									3.0	7.5
SW		3.0	1.5									4.5	6.0
WSW	1.5	6.1	6.1									13.6	5.8
W	3.0	16.7	12.1									31.8	6.2
WNW	1.5	7.6	9.1									18.2	6.3
NW	1.5	4.5	12.1									18.2	6.9
NNW		1.5	3.0									4.5	8.0
VARBL													
CALM												1.5	
	9.1	39.4	50.0									100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) AUG (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		2.2	4.4	2.2								8.9	8.8
NNE													
NE													
ENE													
E													
ESE			2.2									2.2	7.0
SE													
SSE													
S		4.4										4.4	4.0
SSW		2.2	2.2									4.4	7.5
SW		2.2	2.2									4.4	6.5
WSW	2.2	13.3	2.2									17.8	5.0
W	2.2	17.8	6.7									26.7	5.2
WNW	8.9	4.4										13.3	3.2
NW		2.2	2.2									4.4	5.5
NNW	6.7		2.2	2.2								11.1	5.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	2.2	
	20.0	48.9	24.4	4.4								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 45

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.6	.4								3.3	7.1
NNE	.4		.4									.8	4.5
NE	1.6											1.6	1.5
ENE	.8											.8	1.5
E	3.7	1.2										4.9	2.2
ESE	2.5	.4	.4									3.3	2.6
SE	2.5											2.5	2.0
SSE	1.6		.4									2.1	3.6
S	.4	1.2										1.6	3.8
SSW	.4	.4	2.5									3.3	7.0
SW	.8	2.1	1.2									4.1	5.7
WSW	1.2	7.0	2.1									10.3	5.2
W	2.5	11.9	6.2									20.6	5.7
WNW	2.1	6.2	4.9									13.2	5.8
NW	.8	6.2	4.1									11.1	6.2
NNW	2.1	.4	2.5	.4								5.3	6.3
VARBL													
CALM												11.1	
	23.9	37.9	26.3	.8								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 243

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 73-75 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 08 (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											1.7	2.0
NNE	1.7	1.7										3.3	3.0
NE	5.0											5.0	2.0
ENE	20.0	1.7										21.7	2.3
E	20.0	3.3										23.3	2.6
ESE	6.7											6.7	1.8
SE	5.0											5.0	2.0
SSE	5.0											5.0	2.0
S	1.7											1.7	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												26.7	
	66.7	6.7										100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) SEP (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		3.3	5.0									8.3	6.8
NNE													
NE													
ENE													
E													
ESE													
SE			3.3									3.3	9.5
SSE		1.7										1.7	6.0
S		3.3	3.3									6.7	7.0
SSW	1.7	1.7										3.3	3.0
SW		8.3										8.3	5.0
WSW		5.0	3.3	1.7								10.0	6.7
W	5.0	11.7										16.7	4.3
WNW	3.3	11.7										15.0	4.3
NW	1.7	5.0	5.0									11.7	5.9
NNW	1.7	8.3	5.0									15.0	5.7
VARBL													
CALM												.0	
	13.3	60.0	25.0	1.7								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) SEP (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	3.3	1.7	3.3	1.7								10.0	6.8
NNE													
NE		1.7										1.7	4.0
ENE		1.7										1.7	6.0
E													
ESE													
SE													
SSE		1.7										1.7	6.0
S		1.7		1.7								3.3	8.5
SSW		3.3	1.7									5.0	7.0
SW		1.7	1.7									3.3	6.0
WSW	1.7	3.3	8.3									13.3	6.4
W	6.7	13.3	10.0									30.0	5.6
WNW		8.3	3.3									11.7	6.9
NW		5.0	1.7									6.7	5.8
NNW		3.3	6.7									10.0	6.8
VARBL													
CALM												1.7	
	11.7	46.7	36.7	3.3								100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) SEP (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		2.6	5.3	2.6								10.5	8.8
NNE		2.6	2.6									5.3	7.5
NE													
ENE													
E			2.6									2.6	8.0
ESE													
SE													
SSE	2.6											2.6	2.0
S		7.9										7.9	5.0
SSW	2.6	5.3	2.6									10.5	5.3
SW	2.6	2.6										5.3	3.0
WSW	2.6	5.3	2.6									10.5	4.5
W	2.6	7.9	2.6									13.2	5.4
WNW	5.3	7.9										13.2	4.0
NW	5.3											5.3	3.0
NNW	2.6	2.6										5.3	4.0
VARBL													
CALM												7.9	
	26.3	44.7	18.4	2.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 38

DIRNAVOCEANMET SMOS

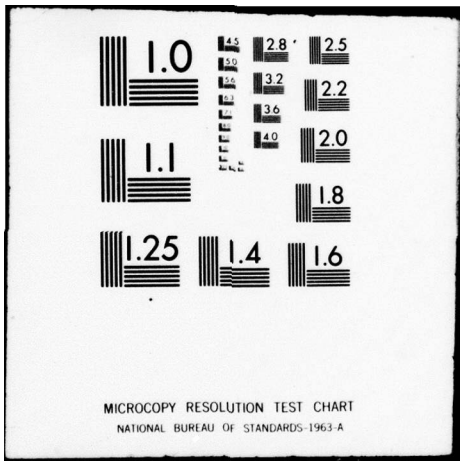
5702 SURFACE WINDS JAN 78

AD-A067 677 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). BARKING--ETC(U)
JUL 78

UNCLASSIFIED NL

2 OF 4
AD
A067677




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
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)

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (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	1.4	1.8	3.2	.9								7.3	7.0
NNE	.5	.9	.5									1.8	5.3
NE	1.4	.5										1.8	2.5
ENE	5.5	.9										6.4	2.6
E	5.5	.9	.5									6.9	3.0
ESE	1.8											1.8	1.8
SE	1.4		.9									2.3	5.0
SSE	1.8	.9										2.8	3.3
S	.5	2.8	.9	.5								4.6	6.2
SSW	.9	2.3	.9									4.1	5.3
SW	.5	3.2	.5									4.1	4.8
WSW	.9	3.2	3.7	.5								8.3	6.1
W	3.7	8.3	3.2									15.1	5.2
WNW	1.8	6.9	.9									9.6	5.1
NW	1.4	2.8	1.8									6.0	5.4
NNW	.9	3.7	3.2									7.8	5.9
VARBL													
CALM												9.2	
	29.8	39.0	20.2	1.8								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 218

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 08 (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	6.3											6.3	2.5
NE	3.2											3.2	2.0
ENE	17.5	1.6										19.0	2.3
E	19.0	1.6										20.6	2.1
ESE	7.9	1.6	1.6									11.1	2.7
SE	6.3		1.6									7.9	3.4
SSE	9.5											9.5	1.3
S		1.6										1.6	6.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												20.6	
	69.8	6.3	3.2									100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (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				1.6								1.6	13.0
NNE													
NE			1.6									1.6	9.0
ENE													
E													
ESE													
SE		1.6	4.8									6.3	7.3
SSE			1.6									1.6	7.0
S		3.2	3.2									6.3	7.5
SSW		3.2	1.6									4.8	6.3
SW		3.2	1.6									4.8	6.0
WSW	1.6	4.8										6.3	4.3
W	4.8	14.3	3.2	1.6								23.8	5.2
WNW	1.6	12.7	3.2									17.5	5.2
NW	6.3	9.5	3.2									19.0	4.4
NNW	3.2		3.2									6.3	5.0
VARBL													
CALM												.0	
	17.5	52.4	27.0	3.2								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (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	1.6		3.2	1.6								6.3	8.0
NNE		1.6										1.6	5.0
NE													
ENE	1.6											1.6	2.0
E													
ESE		1.6										1.6	5.0
SE													
SSE		1.6	6.3									7.9	8.2
S		4.8	6.3									11.1	7.6
SSW		1.6	1.6									3.2	6.5
SW		4.8										4.8	5.3
WSW		1.6	3.2									4.8	7.3
W		12.7	6.3									19.0	5.8
WNW		12.7	9.5									22.2	6.6
NW	1.6	3.2										4.8	4.0
NNW		6.3	3.2									9.5	6.3
VARBL													
CALM												1.6	
	4.8	52.4	39.7	1.6								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) OCT (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	2.4	2.4	2.4	2.4								9.5	7.0
NNE		2.4										2.4	4.0
NE													
ENE													
E													
ESE													
SE	4.8	2.4										7.1	3.3
SSE		7.1		2.4								9.5	6.3
S		2.4	4.8									7.1	6.7
SSW			2.4									2.4	8.0
SW	2.4	4.8										7.1	4.0
WSW		2.4										2.4	4.0
W	7.1	16.7										23.8	4.0
WNW	4.8	2.4										7.1	4.0
NW	4.8	4.8	2.4									11.9	4.4
NNW	2.4	4.8										7.1	4.0
VARBL													
CALM												2.4	
	28.6	52.4	11.9	4.8								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 42

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 73-75 (YEARS) | OCT (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	.9	.4	1.3	1.3								3.9	8.1
NNE	1.7	.9										2.6	3.2
NE	.9		.4									1.3	4.3
ENE	5.2	.4										5.6	2.2
E	5.2	.4										5.6	2.1
ESE	2.2	.9	.4									3.5	3.0
SE	2.6	.9	1.7									5.2	4.7
SSE	2.6	1.7	2.2	.4								6.9	5.1
S		3.0	3.5									6.5	7.3
SSW		1.3	1.3									2.6	6.7
SW	.4	3.0	.4									3.9	5.1
WSW	.4	2.2	.9									3.5	5.4
W	2.6	10.4	2.6	.4								16.0	5.1
WNW	1.3	7.4	3.5									12.1	5.8
NW	3.0	4.3	1.3									8.7	4.4
NNW	1.3	2.6	1.7									5.6	5.4
VARBL													
CALM												6.3	
	30.3	39.8	21.2	2.2								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 231

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 73-75 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS)

08 (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	1.7	1.7										3.4	3.0
NE	5.2											5.2	2.3
ENE	10.3	3.4		1.7								15.5	4.1
E	19.0	3.4										22.4	2.7
ESE	8.6			1.7	1.7							12.1	6.3
SE	5.2			1.7								6.9	4.5
SSE	3.4	1.7	5.2									10.3	6.2
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												24.1	
	53.4	10.3	5.2	5.2	1.7							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (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	1.7	1.7	1.7	5.2								10.3	9.0
NNE	1.7		1.7	3.4								6.9	9.3
NE	1.7											1.7	3.0
ENE													
E		1.7										1.7	6.0
ESE													
SE		1.7										1.7	5.0
SSE			5.2	5.2	1.7							12.1	11.6
S	1.7	3.4	3.4									8.6	6.4
SSW	1.7		1.7									3.4	4.5
SW	1.7	5.2	1.7									8.6	5.4
WSW	1.7	6.9										8.6	5.2
W	3.4	6.9	3.4									13.8	4.9
WNW		3.4	1.7									5.2	5.7
NW	1.7	6.9										8.6	4.8
NNW		5.2	3.4									8.6	5.8
VARBL													
CALM												.0	
	17.2	43.1	24.1	13.8	1.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (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		1.7		3.4	8.6							13.8	14.8
NNE			1.7									1.7	8.0
NE													
ENE	1.7											1.7	1.0
E	1.7											1.7	3.0
ESE													
SE				1.7								1.7	14.0
SSE	1.7		1.7	5.2								8.6	10.0
S	1.7	1.7	5.2	1.7								10.3	8.7
SSW	1.7		1.7									3.4	5.0
SW	1.7		5.2									6.9	7.5
WSW		5.2	6.9									12.1	6.9
W	3.4	13.8	1.7									19.0	4.9
WNW		5.2	5.2									10.3	6.5
NW	1.7		3.4									5.2	6.7
NNW	1.7		1.7									3.4	5.0
VARBL													
CALM												.0	
	17.2	27.6	34.5	12.1	8.6							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) NOV (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		2.6	2.6									5.1	6.5
NNE		2.6		7.7	2.6							12.8	13.2
NE	2.6	2.6	2.6									7.7	5.0
ENE													
E													
ESE		2.6										2.6	5.0
SE			2.6									2.6	9.0
SSE		7.7	2.6	2.6								12.8	7.8
S		5.1										5.1	5.5
SSW	5.1											5.1	2.5
SW													
WSW	2.6		5.1									7.7	6.0
W	2.6	10.3										12.8	4.4
WNW	2.6	2.6										5.1	3.5
NW	5.1	2.6										7.7	3.3
NNW		2.6	2.6									5.1	6.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.7	
	20.5	41.0	17.9	10.3	2.6							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (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	23 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	.9	2.3	2.3							7.5	11.6
NNE	.9	.9	.9	2.3	.5							5.6	9.8
NE	2.3	.5	.5									3.3	3.6
ENE	3.3	.9		.5								4.7	3.8
E	5.6	1.4										7.0	2.9
ESE	2.3	.5		.5	.5							3.8	6.1
SE	1.4	.5	.5	.9								3.3	6.6
SSE	1.4	1.9	3.8	3.3	.5							10.8	9.0
S	.9	2.3	2.3	.5								6.1	7.3
SSW	1.9		.9									2.8	4.0
SW	.9	1.4	1.9									4.2	6.3
WSW	.9	3.3	2.8									7.0	6.1
W	2.3	7.5	1.4									11.3	4.8
WNW	.5	2.8	1.9									5.2	5.7
NW	1.9	2.3	.9									5.2	4.9
NNW	.5	1.9	1.9									4.2	5.8
VARBL													
CALM												8.0	
	27.7	29.6	20.7	10.3	3.8							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 213

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

08 (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			1.7								3.3	8.0
NNE	1.7			1.7								3.3	9.0
NE	3.3	1.7										5.0	2.7
ENE	16.7	5.0										21.7	2.8
E	16.7											16.7	2.4
ESE	10.0											10.0	2.5
SE	5.0											5.0	2.3
SSE	3.3		1.7									5.0	3.7
S													
SSW													
SW													
WSW													
W													
WNW			3.3									3.3	7.5
NW													
NNW													
VARBL													
CALM												26.7	
	58.3	6.7	5.0	3.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (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		8.3	5.0	3.3								16.7	8.2
NNE		1.7										1.7	4.0
NE													
ENE													
E													
ESE		1.7										1.7	4.0
SE	1.7		5.0									6.7	5.8
SSE		1.7	3.3									5.0	7.0
S	1.7	5.0	1.7									8.3	5.2
SSW	1.7	1.7	1.7									5.0	5.0
SW	1.7	1.7	1.7									5.0	4.7
WSW	1.7	1.7										3.3	3.5
W	6.7	3.3										10.0	3.7
WNW	1.7	3.3	1.7									6.7	4.3
NW	10.0	8.3	1.7									20.0	3.9
NNW	3.3	3.3		1.7								8.3	5.0
VARBL													
CALM												1.7	
	30.0	41.7	21.7	5.0								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (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		5.2	5.2	1.7								12.1	7.6
NNE				3.4								3.4	13.0
NE													
ENE													
E													
ESE		1.7										1.7	6.0
SE													
SSE		1.7	3.4	1.7								6.9	7.8
S				1.7								1.7	11.0
SSW		1.7										1.7	4.0
SW			1.7									1.7	8.0
WSW		1.7										1.7	4.0
W	1.7	3.4	5.2									10.3	6.0
WNW	6.9	15.5										22.4	4.4
NW		12.1	12.1									24.1	6.1
NNW		5.2	1.7	3.4								10.3	8.5
VARBL													
CALM												1.7	
	8.6	48.3	29.3	12.1								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) DEC (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	5.6	2.8	11.1	8.3								27.8	8.8
NNE													
NE													
ENE													
E		2.8										2.8	4.0
ESE													
SE		2.8	2.8									5.6	6.0
SSE	2.8											2.8	3.0
S	2.8											2.8	2.0
SSW		2.8										2.8	4.0
SW	2.8		2.8									5.6	4.5
WSW		8.3										8.3	4.0
W	5.6											5.6	2.5
WNW	5.6											5.6	3.0
NW	13.9											13.9	2.0
NNW	5.6	5.6										11.1	3.8
VARBL													
CALM												5.6	
	44.4	25.0	16.7	8.3								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 36

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501	BARKING SANDS, HAWAII	73-75	DEC
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	1.4	4.2	4.7	3.3								13.6	8.2
NNE	.5	.5		1.4								2.3	9.6
NE	.9	.5										1.4	2.7
ENE	4.7	1.4										6.1	2.8
E	4.7	.5										5.1	2.5
ESE	2.8	.9										3.7	3.1
SE	1.9	.5	1.9									4.2	4.7
SSE	1.4	.9	2.3	.5								5.1	6.0
S	.9	1.4	.5	.5								3.3	5.6
SSW	.5	1.4	.5									2.3	4.6
SW	.9	.5	1.4									2.8	5.2
WSW	.5	2.3										2.8	3.8
W	3.3	1.9	1.4									6.5	4.5
WNW	3.3	5.1	1.4									9.8	4.5
NW	5.1	5.6	3.7									14.5	4.6
NNW	1.9	3.3	.5	1.4								7.0	6.1
VARBL													
CALM												9.3	
	34.6	30.8	18.2	7.0								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 214

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (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	.9	1.5	2.3	2.1	.8	.3						7.9	10.1
NNE	1.0	.7	.3	.6	.2							2.8	7.0
NE	1.3	.3	.1									1.7	2.8
ENE	3.0	.6	.1	.0								3.7	2.8
E	3.8	.8	.1									4.6	2.6
ESE	1.9	.4	.1	.1	.1	.0						2.7	4.0
SE	1.6	.5	.8	.5								3.4	5.7
SSE	1.4	1.2	1.4	.7	.0	.1						4.8	6.6
S	.5	1.4	1.5	.8	.0							4.2	7.6
SSW	.5	.8	1.1	.1								2.5	6.4
SW	.7	1.9	1.2	.1								3.9	5.8
WSW	1.0	3.4	2.1	.0								6.5	5.5
W	2.5	7.8	3.2	.1	.0							13.7	5.4
WNW	1.9	6.4	2.9	.1								11.3	5.3
NW	1.9	4.9	2.5	.0								9.3	5.3
NNW	1.3	3.4	3.0	.5								8.3	6.1
VARBL													
CALM												8.6	
	25.1	36.2	22.8	5.8	1.1	.4						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2897

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) ALL (MONTH)

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

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE; AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N						7.7						7.7	22.0
NNE													
NE													
ENE													
E													
ESE						7.7						7.7	25.0
SE			7.7									7.7	10.0
SSE		7.7	7.7	23.1								38.5	10.6
S		7.7										7.7	6.0
SSW	7.7											7.7	3.0
SW				7.7								7.7	16.0
WSW													
W					7.7							7.7	18.0
WNW													
NW			7.7									7.7	8.0
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	7.7	15.4	23.1	30.8	7.7	15.4						100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 13

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NWSD, 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.

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

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 by tenths, plus mean 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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JAN (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 ≥ 20000																
AVI 18000 16000																
AVI 14000 12000																
AVI 10000 9000																
AVI 8000 7000																
AVI 6000 5000																
AVI 4500 4000																
AVI 3500 3000																
AVI 2500 2000																
AVI 1800 1500																
AVI 1200 1000																
AVI 900 800																
AVI 700 600																
AVI 500 400																
AVI 300 200																
AVI 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (MONTH) 08 (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	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	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	61.5
≥ 18000	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	63.1
≥ 16000	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	63.1
≥ 14000	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	64.6	64.6
≥ 12000	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	67.7
≥ 10000	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	67.7
≥ 9000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 7000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 5000	87.7	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
≥ 4500	87.7	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
≥ 4000	87.7	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
≥ 3500	87.7	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
≥ 3000	89.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	89.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	93.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	93.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	93.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	95.4	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	100.0
≥ 1000	95.4	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	100.0
≥ 900	95.4	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	100.0
≥ 800	95.4	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	100.0
≥ 700	95.4	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	100.0
≥ 600	95.4	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	100.0
≥ 500	95.4	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	100.0
≥ 400	95.4	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	100.0
≥ 300	95.4	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	100.0
≥ 200	95.4	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	100.0
≥ 100	95.4	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	100.0
≥ 0	95.4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 74-76 (YEARS) | JAN (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	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 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	67.2
≥ 18000	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	68.8
≥ 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	68.8
≥ 14000	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	70.3
≥ 12000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	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	75.0
≥ 8000	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	75.0
≥ 7000	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	75.0
≥ 6000	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	75.0
≥ 5000	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	89.1
≥ 4500	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	89.1
≥ 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	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	89.1
≥ 3000	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	89.1
≥ 2500	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	90.6
≥ 2000	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	95.3	95.3
≥ 1800	95.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	95.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	95.3	96.9	96.9	96.9	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	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0
≥ 500	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0
≥ 400	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0
≥ 300	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0
≥ 200	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0
≥ 100	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0
≥ 0	95.3	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (MONTH)

14 (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	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	51.6	51.6
≥ 20000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	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	59.4
≥ 14000	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	65.6	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	65.6	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
≥ 9000	65.6	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
≥ 8000	65.6	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
≥ 7000	65.6	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
≥ 6000	65.6	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
≥ 5000	85.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	87.5	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
≥ 4000	87.5	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	87.5	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	87.5	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
≥ 2500	87.5	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
≥ 2000	92.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	92.2	93.8	93.8	93.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	93.8	95.3	95.3	95.3	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.8	96.9	96.9	96.9	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-75 (YEARS) JAN (MONTH)

17 (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	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
≥ 18000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 16000	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 14000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 12000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 10000	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	50.0
≥ 9000	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	50.0
≥ 8000	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	50.0
≥ 7000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 6000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	79.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	79.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	79.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3500	79.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	79.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2500	81.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	88.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	88.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	95.5	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	100.0
≥ 1200	95.5	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	100.0
≥ 1000	95.5	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	100.0
≥ 900	95.5	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	100.0
≥ 800	95.5	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	100.0
≥ 700	95.5	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	100.0
≥ 600	95.5	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	100.0
≥ 500	95.5	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	100.0
≥ 400	95.5	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	100.0
≥ 300	95.5	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	100.0
≥ 200	95.5	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	100.0
≥ 100	95.5	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	100.0
0	95.5	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	100.0

TOTAL NUMBER OF OBSERVATIONS 44

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JAN (MONTH)

20 (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																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JAN (MONTH)

23 (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																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 74-76 (YEARS) JAN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	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	56.5
≥ 18000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	65.0	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
≥ 10000	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	66.2	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
≥ 8000	66.2	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
≥ 7000	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	86.1	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	87.3
≥ 4500	86.5	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
≥ 4000	86.5	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
≥ 3500	86.5	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
≥ 3000	86.9	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	87.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	92.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	92.8	95.4	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	94.5	97.1	97.1	97.1	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 500	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 400	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0
0	94.9	98.3	98.3	98.3	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 237

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) FEB (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 ≥ 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

5703 CEILING VERSUS VISIBILITY JAN 79

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) FEB (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	≥ 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

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (MONTH)

08 (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	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 20000	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	76.3
≥ 18000	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	76.3
≥ 16000	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	76.3
≥ 14000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 7000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 5000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (MONTH)

11 (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	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	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	72.4
≥ 18000	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	72.4
≥ 16000	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	72.4
≥ 14000	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	75.0
≥ 12000	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	79.0
≥ 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	79.0
≥ 9000	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	79.0
≥ 8000	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	79.0
≥ 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	79.0
≥ 6000	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	79.0
≥ 5000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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 76

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (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	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 16000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 14000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	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	72.4
≥ 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	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	72.4	72.4
≥ 8000	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	72.4
≥ 7000	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	72.4
≥ 6000	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	72.4
≥ 5000	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	96.1	96.1	96.1
≥ 4500	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	96.1	96.1	96.1
≥ 4000	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	96.1	96.1	96.1
≥ 3500	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	96.1	96.1	96.1
≥ 3000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	100.0	100.0	100.0	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	98.7	100.0	100.0	100.0	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 76

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) FEB (MONTH)

17 (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	67.9	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	67.9	67.9
≥ 20000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 9000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 56

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) FEB (MONTH)

20 (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																
AVAI AVAI 18000 16000																
AVAI AVAI 14000 12000																
AVAI AVAI 10000 9000																
AVAI AVAI 8000 7000																
AVAI AVAI 6000 5000																
AVAI AVAI 4500 4000																
AVAI AVAI 3500 3000																
AVAI AVAI 2500 2000																
AVAI AVAI 1800 1500																
AVAI AVAI 1200 1000																
AVAI AVAI 900 800																
AVAI AVAI 700 600																
AVAI AVAI 500 400																
AVAI AVAI 300 200																
AVAI 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) FEB (MONTH)

23 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) FEB (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	61.3	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	61.3
≥ 20000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	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	77.1
≥ 10000	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	77.1
≥ 9000	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	77.1
≥ 8000	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	77.1
≥ 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	77.1
≥ 6000	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	77.1
≥ 5000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	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	98.9
≥ 1800	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	98.9
≥ 1500	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	100.0
≥ 1200	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	100.0
≥ 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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 284

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAR (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 ≥ 20000																
< 20000 ≥ 18000 < 16000																
< 18000 ≥ 14000 < 12000																
< 14000 ≥ 10000 < 9000																
< 10000 ≥ 8000 < 7000																
< 8000 ≥ 6000 < 5000																
< 6000 ≥ 4500 < 4000																
< 4500 ≥ 3500 < 3000																
< 3500 ≥ 2500 < 2000																
< 2500 ≥ 1800 < 1500																
< 1800 ≥ 1200 < 1000																
< 1200 ≥ 900 < 800																
< 900 ≥ 700 < 600																
< 700 ≥ 500 < 400																
< 500 ≥ 300 < 200																
< 300 ≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAR (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 18000																
< 18000 ≥ 16000																
< 16000 ≥ 14000																
< 14000 ≥ 12000																
< 12000 ≥ 10000																
< 10000 ≥ 9000																
< 9000 ≥ 8000																
< 8000 ≥ 7000																
< 7000 ≥ 6000																
< 6000 ≥ 5000																
< 5000 ≥ 4500																
< 4500 ≥ 4000																
< 4000 ≥ 3500																
< 3500 ≥ 3000																
< 3000 ≥ 2500																
< 2500 ≥ 2000																
< 2000 ≥ 1800																
< 1800 ≥ 1500																
< 1500 ≥ 1200																
< 1200 ≥ 1000																
< 1000 ≥ 900																
< 900 ≥ 800																
< 800 ≥ 700																
< 700 ≥ 600																
< 600 ≥ 500																
< 500 ≥ 400																
< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (MONTH)

08 (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	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	51.6	51.6
≥ 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	64.1
≥ 18000	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	65.6
≥ 16000	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	65.6
≥ 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	68.8
≥ 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	71.9
≥ 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	71.9
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	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	95.3	95.3
≥ 2000	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	95.3	95.3
≥ 1800	98.4	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
≥ 1500	98.4	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
≥ 1200	98.4	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
≥ 1000	98.4	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	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	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	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	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	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	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	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	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	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	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 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (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	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	50.0
≥ 20000	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	70.3
≥ 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	70.3
≥ 16000	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	70.3
≥ 14000	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
≥ 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	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	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	98.4	98.4
≥ 1200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (MONTH)

14 (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	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	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	51.6	51.6
≥ 18000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 16000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 10000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	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	59.4
≥ 7000	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	59.4
≥ 6000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 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	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	90.6
≥ 4000	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	90.6
≥ 3500	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	90.6
≥ 3000	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	90.6
≥ 2500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (MONTH)

17 (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	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	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	50.0
≥ 18000	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	51.6	51.6
≥ 16000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 14000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	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	59.4
≥ 10000	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	59.4
≥ 9000	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	59.4
≥ 8000	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	59.4
≥ 7000	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	59.4
≥ 6000	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	59.4
≥ 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	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	90.6
≥ 4000	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	90.6
≥ 3500	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	90.6
≥ 3000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	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	95.3	95.3
≥ 2000	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	95.3	95.3
≥ 1800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	96.9	96.9	96.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	98.4	98.4	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
≥ 1000	98.4	98.4	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
≥ 900	98.4	98.4	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
≥ 800	98.4	98.4	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
≥ 700	98.4	98.4	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
≥ 600	98.4	98.4	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
≥ 500	98.4	98.4	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
≥ 400	98.4	98.4	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
≥ 300	98.4	98.4	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
≥ 200	98.4	98.4	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	98.4	98.4	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
≥ 0	98.4	98.4	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

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAR (MONTH)

20 (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

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAR (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 ≥ 20000																
AVI 18000 16000																
AVI 14000 12000																
AVI 10000 9000																
AVI 8000 7000																
AVI 6000 5000																
AVI 4500 4000																
AVI 3500 3000																
AVI 2500 2000																
AVI 1800 1500																
AVI 1200 1000																
AVI 900 800																
AVI 700 600																
AVI 500 400																
AVI 300 200																
AVI 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAR (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	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 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	59.0
≥ 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	60.2
≥ 16000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 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	62.9
≥ 12000	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	65.2
≥ 10000	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	65.2
≥ 9000	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	65.2
≥ 8000	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	65.6
≥ 7000	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	65.6
≥ 6000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 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	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	91.4
≥ 4000	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	91.4
≥ 3500	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	91.4
≥ 3000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	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	95.3	95.3
≥ 2000	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	95.3	95.3
≥ 1800	98.1	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
≥ 1500	98.4	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 256

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22301 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) APR (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 ≥ 20000																
< 20000 ≥ 18000 < 16000																
< 16000 ≥ 14000 < 12000																
< 12000 ≥ 10000 < 9000																
< 9000 ≥ 8000 < 7000																
< 7000 ≥ 6000 < 5000																
< 5000 ≥ 4500 < 4000																
< 4000 ≥ 3500 < 3000																
< 3000 ≥ 2500 < 2000																
< 2000 ≥ 1800 < 1500																
< 1500 ≥ 1200 < 1000																
< 1000 ≥ 900 < 800																
< 800 ≥ 700 < 600																
< 600 ≥ 500 < 400																
< 400 ≥ 300 < 200																
< 200 ≥ 100 < 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) APR (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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	≥ 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	67.7
≥ 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	78.5
≥ 18000	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	80.0
≥ 16000	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	80.0
≥ 14000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	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	83.1	83.1	83.1
≥ 10000	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	83.1	83.1	83.1
≥ 9000	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	83.1	83.1	83.1
≥ 8000	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	83.1	83.1	83.1
≥ 7000	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	83.1	83.1	83.1
≥ 6000	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	83.1	83.1	83.1
≥ 5000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	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	98.5	98.5
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5/73 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 16000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 6000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000	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	89.2
≥ 4500	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	89.2
≥ 4000	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	89.2
≥ 3500	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	89.2
≥ 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	92.3
≥ 2500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 20000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 14000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 7000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 6000	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 5000	81.5	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	83.1	83.1
≥ 4500	81.5	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	83.1	83.1
≥ 4000	81.5	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	83.1	83.1
≥ 3500	81.5	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	83.1	83.1
≥ 3000	90.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	95.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	98.5	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	100.0
≥ 1800	98.5	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	100.0
≥ 1500	98.5	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	100.0
≥ 1200	98.5	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	100.0
≥ 1000	98.5	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	100.0
≥ 900	98.5	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	100.0
≥ 800	98.5	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	100.0
≥ 700	98.5	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	100.0
≥ 600	98.5	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	100.0
≥ 500	98.5	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	100.0
≥ 400	98.5	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	100.0
≥ 300	98.5	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	100.0
≥ 200	98.5	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	100.0
≥ 100	98.5	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	100.0
0	98.5	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (MONTH)

17 (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	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	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	61.5
≥ 12000	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	61.5
≥ 10000	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	61.5
≥ 9000	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	61.5
≥ 8000	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	61.5
≥ 7000	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	61.5
≥ 6000	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	63.1
≥ 5000	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	89.2
≥ 4500	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	89.2
≥ 4000	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	89.2
≥ 3500	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	89.2
≥ 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	93.9
≥ 2500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) APR (MONTH)

20 (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

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) APR (MONTH)

23 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) APR (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	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	46.5
≥ 20000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 18000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 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	63.1
≥ 12000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 10000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 9000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 8000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 7000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 6000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	96.9	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	97.3
≥ 2000	99.6	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	100.0
≥ 1800	99.6	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	100.0
≥ 1500	99.6	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	100.0
≥ 1200	99.6	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	100.0
≥ 1000	99.6	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	100.0
≥ 900	99.6	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	100.0
≥ 800	99.6	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	100.0
≥ 700	99.6	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	100.0
≥ 600	99.6	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	100.0
≥ 500	99.6	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	100.0
≥ 400	99.6	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	100.0
≥ 300	99.6	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	100.0
≥ 200	99.6	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	100.0
≥ 100	99.6	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	100.0
0	99.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS 260

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAY (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 ≥ 20000																
< 20000 ≥ 18000																
< 18000 ≥ 16000																
< 16000 ≥ 14000																
< 14000 ≥ 12000																
< 12000 ≥ 10000																
< 10000 ≥ 9000																
< 9000 ≥ 8000																
< 8000 ≥ 7000																
< 7000 ≥ 6000																
< 6000 ≥ 5000																
< 5000 ≥ 4500																
< 4500 ≥ 4000																
< 4000 ≥ 3500																
< 3500 ≥ 3000																
< 3000 ≥ 2500																
< 2500 ≥ 2000																
< 2000 ≥ 1800																
< 1800 ≥ 1500																
< 1500 ≥ 1200																
< 1200 ≥ 1000																
< 1000 ≥ 900																
< 900 ≥ 800																
< 800 ≥ 700																
< 700 ≥ 600																
< 600 ≥ 500																
< 500 ≥ 400																
< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAY (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 18000																
< 18000 ≥ 16000																
< 16000 ≥ 14000																
< 14000 ≥ 12000																
< 12000 ≥ 10000																
< 10000 ≥ 9000																
< 9000 ≥ 8000																
< 8000 ≥ 7000																
< 7000 ≥ 6000																
< 6000 ≥ 5000																
< 5000 ≥ 4500																
< 4500 ≥ 4000																
< 4000 ≥ 3500																
< 3500 ≥ 3000																
< 3000 ≥ 2500																
< 2500 ≥ 2000																
< 2000 ≥ 1800																
< 1800 ≥ 1500																
< 1500 ≥ 1200																
< 1200 ≥ 1000																
< 1000 ≥ 900																
< 900 ≥ 800																
< 800 ≥ 700																
< 700 ≥ 600																
< 600 ≥ 500																
< 500 ≥ 400																
< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7[illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (MONTH)

08 (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	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 20000	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	84.6
≥ 18000	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	84.6
≥ 16000	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	84.6
≥ 14000	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	84.6
≥ 12000	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	84.6
≥ 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	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	84.6
≥ 8000	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	84.6
≥ 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	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	86.2
≥ 5000	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	98.5	98.5
≥ 4500	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	98.5	98.5
≥ 4000	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	98.5	98.5
≥ 3500	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	98.5	98.5
≥ 3000	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	98.5	98.5
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (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	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	53.9
≥ 20000	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	60.0
≥ 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	60.0
≥ 16000	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	60.0
≥ 14000	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	60.0
≥ 12000	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	60.0
≥ 10000	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	60.0
≥ 9000	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	60.0
≥ 8000	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	60.0
≥ 7000	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	60.0
≥ 6000	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	60.0
≥ 5000	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	89.2
≥ 4500	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	89.2
≥ 4000	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	89.2
≥ 3500	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	89.2
≥ 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	93.9
≥ 2500	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	98.5	98.5
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (MONTH)

14 (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	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 18000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 16000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 14000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 9000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 8000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 7000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 6000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 5000	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	78.5
≥ 4500	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	78.5
≥ 4000	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	78.5
≥ 3500	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	78.5
≥ 3000	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	87.7	87.7	87.7
≥ 2500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	98.5	98.5	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
≥ 1800	98.5	98.5	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
≥ 1500	98.5	98.5	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
≥ 1200	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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	98.5	98.5	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 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY, JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (MONTH)

17 (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	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	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	51.6	51.6
≥ 18000	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	51.6	51.6
≥ 16000	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	51.6	51.6
≥ 14000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 7000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000	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	85.9
≥ 4500	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	85.9
≥ 4000	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	85.9
≥ 3500	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	85.9
≥ 3000	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	90.6
≥ 2500	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	95.3	95.3
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAY (MONTH)

20 (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 < 20000																
≥ 14000 < 18000																
≥ 10000 < 14000																
≥ 8000 < 10000																
≥ 6000 < 8000																
≥ 4500 < 6000																
≥ 3500 < 4500																
≥ 2500 < 3500																
≥ 1800 < 2500																
≥ 1200 < 1800																
≥ 900 < 1200																
≥ 700 < 900																
≥ 500 < 700																
≥ 300 < 500																
≥ 100 < 300																
0 < 100																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) MAY (MONTH)

23 (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																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) MAY (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	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 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	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	61.4
≥ 16000	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	61.4
≥ 14000	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	62.2
≥ 12000	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	62.2
≥ 10000	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	62.2
≥ 9000	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	62.2
≥ 8000	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	62.2
≥ 7000	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	62.9
≥ 6000	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	62.9
≥ 5000	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	88.0
≥ 4500	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	88.0
≥ 4000	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	88.0
≥ 3500	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	88.0
≥ 3000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	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	97.3	97.3
≥ 2000	99.6	99.6	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
≥ 1800	99.6	99.6	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
≥ 1500	99.6	99.6	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
≥ 1200	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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	99.6	99.6	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 259

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (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 ≥ 20000																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUN (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	≥ 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

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (MONTH)

08 (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	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	71.0
≥ 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	80.7
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 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	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	80.7
≥ 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	80.7
≥ 7000	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
≥ 6000	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
≥ 5000	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	96.8
≥ 4500	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	98.4	98.4
≥ 4000	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	98.4	98.4
≥ 3500	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	98.4	98.4
≥ 3000	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	98.4	98.4
≥ 2500	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	98.4	98.4
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (MONTH)

11 (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	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	50.0
≥ 20000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 18000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 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	61.3
≥ 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	62.9
≥ 12000	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	62.9
≥ 10000	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	62.9
≥ 9000	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	64.5
≥ 8000	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	64.5
≥ 7000	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	64.5
≥ 6000	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	64.5
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 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	90.3
≥ 3000	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	93.6
≥ 2500	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	93.6
≥ 2000	96.8	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	98.4
≥ 1800	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	100.0
≥ 1500	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	100.0
≥ 1200	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	100.0
≥ 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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (MONTH)

14 (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	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000	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	46.8
≥ 18000	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	53.2	53.2
≥ 16000	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	53.2	53.2
≥ 14000	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	54.8
≥ 12000	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	54.8
≥ 10000	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	54.8
≥ 9000	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	56.5
≥ 8000	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	56.5
≥ 7000	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	56.5
≥ 6000	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	56.5
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 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	90.3
≥ 3000	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	95.2	95.2	95.2
≥ 2500	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	95.2	95.2	95.2
≥ 2000	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	98.4	98.4
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (MONTH)

17 (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	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 18000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 16000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	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	59.0
≥ 12000	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	59.0
≥ 10000	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	59.0
≥ 9000	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	59.0
≥ 8000	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	59.0
≥ 7000	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	59.0
≥ 6000	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	59.0
≥ 5000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 4000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUN (MONTH)

20 (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																
AVAI 18000 16000																
AVAI 14000 12000																
AVAI 10000 9000																
AVAI 8000 7000																
AVAI 6000 5000																
AVAI 4500 4000																
AVAI 3500 3000																
AVAI 2500 2000																
AVAI 1800 1500																
AVAI 1200 1000																
AVAI 900 800																
AVAI 700 600																
AVAI 500 400																
AVAI 300 200																
AVAI 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUN (MONTH)

23 (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																
AVI 18000 16000																
AVI 14000 12000																
AVI 10000 9000																
AVI 8000 7000																
AVI 6000 5000																
AVI 4500 4000																
AVI 3500 3000																
AVI 2500 2000																
AVI 1800 1500																
AVI 1200 1000																
AVI 900 800																
AVI 700 600																
AVI 500 400																
AVI 300 200																
AVI 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUN (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 18000	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	62.8
≥ 16000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	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	65.2
≥ 8000	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	65.2
≥ 7000	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	65.2
≥ 6000	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	65.2
≥ 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	92.3
≥ 4500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	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	96.8
≥ 2000	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	99.6	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	100.0
≥ 1500	99.6	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	100.0
≥ 1200	99.6	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	100.0
≥ 1000	99.6	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	100.0
≥ 900	99.6	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	100.0
≥ 800	99.6	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	100.0
≥ 700	99.6	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	100.0
≥ 600	99.6	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	100.0
≥ 500	99.6	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	100.0
≥ 400	99.6	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	100.0
≥ 300	99.6	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	100.0
≥ 200	99.6	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	100.0
≥ 100	99.6	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	100.0
0	99.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS 247

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUL (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 ≥ 20000																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUL (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	≥ 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

5703 CEILING VERSUS VISIBILITY JAN 79

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (MONTH)

08 (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	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	85.9
≥ 20000	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	89.1
≥ 18000	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	90.6
≥ 16000	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	90.6
≥ 14000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 12000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 10000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 9000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 8000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 7000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	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	98.4	98.4
≥ 4000	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	98.4	98.4
≥ 3500	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	98.4	98.4
≥ 3000	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	98.4	98.4
≥ 2500	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	98.4	98.4
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (MONTH)

11 (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	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
≥ 20000	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	75.0
≥ 18000	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	75.0
≥ 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	75.0
≥ 14000	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	75.0
≥ 12000	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	75.0
≥ 10000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 4500	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	98.4	98.4
≥ 4000	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	98.4	98.4
≥ 3500	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	98.4	98.4
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (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	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 20000	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	70.3
≥ 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	70.3
≥ 16000	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	70.3
≥ 14000	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	70.3
≥ 12000	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	70.3
≥ 10000	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	70.3
≥ 9000	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	70.3
≥ 8000	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	70.3
≥ 7000	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	70.3
≥ 6000	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	70.3
≥ 5000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) JUL (MONTH)

17 (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	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	55.8
≥ 20000	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	62.8
≥ 18000	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	62.8
≥ 16000	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	62.8
≥ 14000	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	62.8
≥ 12000	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	62.8
≥ 10000	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	62.8
≥ 9000	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	62.8
≥ 8000	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	62.8
≥ 7000	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	62.8
≥ 6000	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	62.8
≥ 5000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	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	97.7	97.7
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 43

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUL (MONTH)

20 (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 _____

5703 CEILING VERSUS VISIBILITY JAN 7[illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) JUL (MONTH)

23 (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																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) JUL (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 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	75.3
≥ 18000	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	75.7
≥ 16000	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	75.7
≥ 14000	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	76.2
≥ 12000	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	76.2
≥ 10000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 9000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 7000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 6000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 5000	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	94.5	94.5
≥ 4500	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	95.3	95.3
≥ 4000	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	95.3	95.3
≥ 3500	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	95.3	95.3
≥ 3000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	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	98.3	98.3
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 235

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) AUG (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 ≥ 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

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) AUG (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	≥ 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 _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (MONTH)

08 (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	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 18000	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	86.4
≥ 16000	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	86.4
≥ 14000	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	86.4
≥ 12000	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	87.9	87.9
≥ 10000	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	87.9	87.9
≥ 9000	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	87.9	87.9
≥ 8000	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	87.9	87.9
≥ 7000	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	87.9	87.9
≥ 6000	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	87.9	87.9
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 73-75 (YEARS) | AUG (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	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 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	74.2
≥ 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	74.2
≥ 12000	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	74.2
≥ 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	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	74.2
≥ 8000	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	74.2
≥ 7000	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	74.2
≥ 6000	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	74.2
≥ 5000	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	98.5	98.5
≥ 4500	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	98.5	98.5
≥ 4000	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	98.5	98.5
≥ 3500	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	98.5	98.5
≥ 3000	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	98.5	98.5
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (MONTH)

14 (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	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 18000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 16000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 12000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 9000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 8000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	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	63.6
≥ 6000	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	63.6
≥ 5000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) AUG (MONTH)

17 (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	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	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	48.9
≥ 18000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	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	55.6
≥ 12000	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	55.6
≥ 10000	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	55.6
≥ 9000	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	55.6
≥ 8000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 7000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 6000	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	60.0
≥ 5000	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	88.9
≥ 4500	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	88.9
≥ 4000	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	88.9
≥ 3500	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	88.9
≥ 3000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 45

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) AUG (MONTH)

20 (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

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) AUG (MONTH)

23 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (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	≥ 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	55.6
≥ 20000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 18000	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	69.6
≥ 16000	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	70.0
≥ 14000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	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	71.6
≥ 7000	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	72.0
≥ 6000	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	72.4
≥ 5000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	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	97.9
≥ 2500	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 243

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) SEP (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 ≥ 20000																
< 20000 ≥ 18000 / < 18000 ≥ 16000																
< 16000 ≥ 14000 / < 14000 ≥ 12000																
< 12000 ≥ 10000 / < 10000 ≥ 9000																
< 9000 ≥ 8000 / < 8000 ≥ 7000																
< 7000 ≥ 6000 / < 6000 ≥ 5000																
< 5000 ≥ 4500 / < 4500 ≥ 4000																
< 4000 ≥ 3500 / < 3500 ≥ 3000																
< 3000 ≥ 2500 / < 2500 ≥ 2000																
< 2000 ≥ 1800 / < 1800 ≥ 1500																
< 1500 ≥ 1200 / < 1200 ≥ 1000																
< 1000 ≥ 900 / < 900 ≥ 800																
< 800 ≥ 700 / < 700 ≥ 600																
< 600 ≥ 500 / < 500 ≥ 400																
< 400 ≥ 300 / < 300 ≥ 200																
< 200 ≥ 100 / < 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7[illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) SEP (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 ≥ 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

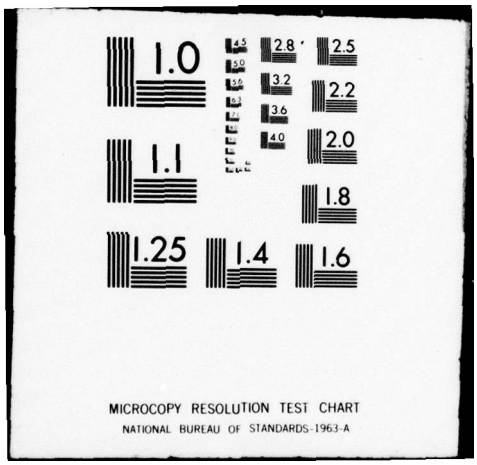
5703 CEILING VERSUS VISIBILITY JAN 78

AD-A067 677 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), BARKING--ETC(U)
JUL 78

UNCLASSIFIED NL

3 OF 4
AD
A067677




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) SEP (MONTH)

08 (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	80.0
≥ 20000	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	86.7
≥ 18000	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	86.7
≥ 16000	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	86.7
≥ 14000	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	86.7
≥ 12000	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	86.7
≥ 10000	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	86.7
≥ 9000	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	86.7
≥ 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	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	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	86.7
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5/73 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 73-75 (YEARS) | SEP (MONTH) | 11 (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	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	71.7
≥ 20000	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	75.0
≥ 18000	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	75.0
≥ 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	75.0
≥ 14000	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	75.0
≥ 12000	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	75.0
≥ 10000	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	76.7
≥ 9000	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	76.7
≥ 8000	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	76.7
≥ 7000	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	76.7
≥ 6000	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	76.7
≥ 5000	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	98.3	98.3
≥ 4500	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	98.3	98.3
≥ 4000	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	98.3	98.3
≥ 3500	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	98.3	98.3
≥ 3000	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	98.3	98.3
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) SEP (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	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 20000	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	60.0
≥ 18000	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	61.7	61.7
≥ 16000	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	61.7	61.7
≥ 14000	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	61.7	61.7
≥ 12000	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	63.3
≥ 10000	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	63.3
≥ 9000	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	63.3
≥ 8000	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	63.3
≥ 7000	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	63.3
≥ 6000	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	63.3
≥ 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	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	93.3
≥ 4000	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	93.3
≥ 3500	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	93.3
≥ 3000	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	98.3	98.3
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) SEP (MONTH)

17 (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	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 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	55.3
≥ 16000	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	55.3
≥ 14000	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	55.3
≥ 12000	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	55.3
≥ 10000	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	55.3
≥ 9000	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	55.3
≥ 8000	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	55.3
≥ 7000	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	55.3
≥ 6000	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	55.3
≥ 5000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	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	94.7
≥ 2500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	97.4	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	100.0
≥ 1800	97.4	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	100.0
≥ 1500	97.4	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	100.0
≥ 1200	97.4	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	100.0
≥ 1000	97.4	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	100.0
≥ 900	97.4	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	100.0
≥ 800	97.4	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	100.0
≥ 700	97.4	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	100.0
≥ 600	97.4	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	100.0
≥ 500	97.4	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	100.0
≥ 400	97.4	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	100.0
≥ 300	97.4	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	100.0
≥ 200	97.4	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	100.0
≥ 100	97.4	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	100.0
≥ 0	97.4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 38

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22301 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) SEP (MONTH)

20 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) SEP (MONTH)

23 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	64.7	64.7
≥ 20000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 18000	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	71.1
≥ 16000	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	71.1
≥ 14000	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	71.1
≥ 12000	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	71.6
≥ 10000	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	72.0
≥ 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	72.0
≥ 8000	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	72.0
≥ 7000	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	72.0
≥ 6000	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	72.0
≥ 5000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 4000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	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	99.5	99.5
≥ 2000	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	100.0
≥ 1800	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	100.0
≥ 1500	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	100.0
≥ 1200	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	100.0
≥ 1000	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	100.0
≥ 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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 218

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) OCT (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 ≥ 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

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) OCT (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 18000																
< 18000 ≥ 16000																
< 16000 ≥ 14000																
< 14000 ≥ 12000																
< 12000 ≥ 10000																
< 10000 ≥ 9000																
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< 900 ≥ 800																
< 800 ≥ 700																
< 700 ≥ 600																
< 600 ≥ 500																
< 500 ≥ 400																
< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7[illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (MONTH)

08 (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	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	81.0
≥ 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	85.7
≥ 18000	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
≥ 16000	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	87.3	87.3
≥ 14000	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	87.3	87.3
≥ 12000	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	87.3	87.3
≥ 10000	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	87.3	87.3
≥ 9000	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	87.3	87.3
≥ 8000	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	87.3	87.3
≥ 7000	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	87.3	87.3
≥ 6000	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	87.3	87.3
≥ 5000	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	98.4	98.4
≥ 4500	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	98.4	98.4
≥ 4000	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	98.4	98.4
≥ 3500	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	98.4	98.4
≥ 3000	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	98.4	98.4
≥ 2500	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	98.4	98.4
≥ 2000	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.4	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.4	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	98.4	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	98.4	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

CEILING

VISIBILITY

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (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	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	76.2
≥ 20000	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	81.0
≥ 18000	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	81.0
≥ 16000	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	81.0
≥ 14000	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	81.0
≥ 12000	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	81.0
≥ 10000	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	81.0
≥ 9000	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	81.0
≥ 8000	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	81.0
≥ 7000	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	81.0
≥ 6000	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	81.0
≥ 5000	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	98.4	98.4
≥ 4500	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	98.4	98.4
≥ 4000	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	98.4	98.4
≥ 3500	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	98.4	98.4
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (MONTH)

14 (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	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 16000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 9000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 5000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	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	95.2	95.2	95.2
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5/63 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) OCT (MONTH)

17 (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	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	64.3
≥ 20000	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	73.8
≥ 18000	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	73.8
≥ 16000	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	76.2
≥ 14000	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	76.2
≥ 12000	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	76.2
≥ 10000	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	76.2
≥ 9000	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	76.2
≥ 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	76.2
≥ 7000	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	76.2
≥ 6000	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	76.2
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 42

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) OCT (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 ≥ 20000																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) OCT (MONTH)

23 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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
≥ 20000	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	78.8	78.8
≥ 18000	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	78.8	78.8
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 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	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	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
≥ 6000	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
≥ 5000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	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	98.3	98.3
≥ 2500	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2000	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 231

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) NOV (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 ≥ 20000																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) NOV (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	≥ 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

5703 CEILING VERSUS VISIBILITY JAN 7[illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (MONTH)

08 (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	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	63.8
≥ 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	74.1
≥ 18000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	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	77.6
≥ 12000	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	81.0
≥ 10000	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	81.0
≥ 9000	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	81.0
≥ 8000	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	81.0
≥ 7000	81.0	81.0	81.0	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	81.0	81.0	81.0	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	93.1	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	93.1	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	93.1	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	93.1	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	93.1	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	94.8	96.6	96.6	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
≥ 2000	94.8	98.3	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
≥ 1800	94.8	98.3	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
≥ 1500	94.8	98.3	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
≥ 1200	94.8	98.3	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
≥ 1000	94.8	98.3	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
≥ 900	94.8	98.3	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
≥ 800	94.8	98.3	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
≥ 700	94.8	98.3	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
≥ 600	94.8	98.3	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
≥ 500	94.8	98.3	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
≥ 400	94.8	98.3	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
≥ 300	94.8	98.3	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
≥ 200	94.8	98.3	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	94.8	98.3	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
0	94.8	98.3	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

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (MONTH)

11 (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	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	58.6
≥ 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	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	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	74.1
≥ 14000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	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	77.6
≥ 9000	77.6	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
≥ 8000	77.6	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
≥ 7000	77.6	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
≥ 6000	77.6	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	89.7	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	89.7	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	89.7	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
≥ 3500	89.7	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
≥ 3000	89.7	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	93.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	96.6	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	100.0
≥ 1200	96.6	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	100.0
≥ 1000	96.6	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	100.0
≥ 900	96.6	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	100.0
≥ 800	96.6	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	100.0
≥ 700	96.6	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	100.0
≥ 600	96.6	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	100.0
≥ 500	96.6	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	100.0
≥ 400	96.6	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	100.0
≥ 300	96.6	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	100.0
≥ 200	96.6	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	100.0
≥ 100	96.6	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	100.0
0	96.6	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	100.0

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (MONTH)

14 (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	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	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	63.8
≥ 18000	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	63.8
≥ 16000	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	63.8
≥ 14000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 12000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	84.5	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
≥ 4500	84.5	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
≥ 4000	84.5	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	84.5	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	86.2	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	87.9
≥ 2500	86.2	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	87.9
≥ 2000	89.7	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	89.7	91.4	91.4	93.1	93.1	93.1	93.1	93.1	93.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	91.4	93.1	93.1	94.8	94.8	94.8	94.8	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	93.1	94.8	94.8	96.6	96.6	96.6	96.6	96.6	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.1	94.8	94.8	96.6	98.3	98.3	98.3	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) NOV (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	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 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	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	59.0
≥ 16000	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	59.0
≥ 14000	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	61.5
≥ 12000	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	64.1
≥ 10000	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	66.7
≥ 9000	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	66.7
≥ 8000	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	66.7
≥ 7000	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	66.7
≥ 6000	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	66.7
≥ 5000	87.2	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	89.7	89.7
≥ 4500	87.2	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	89.7	89.7
≥ 4000	87.2	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	89.7	89.7
≥ 3500	87.2	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	89.7	89.7
≥ 3000	89.7	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	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 700	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 600	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 500	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 400	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 300	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 200	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
≥ 100	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0
0	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) NOV (MONTH)

20 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) NOV (MONTH)

23 (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																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) NOV (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	55.9
≥ 20000	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 18000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 12000	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	72.3
≥ 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	73.2	73.2
≥ 9000	73.2	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	73.2	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	73.2	73.7	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
≥ 6000	73.2	73.7	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
≥ 5000	88.7	90.6	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
≥ 4500	88.7	90.6	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
≥ 4000	88.7	90.6	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
≥ 3500	88.7	90.6	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
≥ 3000	89.7	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	92.0	93.9	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
≥ 2000	93.4	95.8	95.8	96.7	96.7	96.7	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	93.4	95.8	95.8	96.7	96.7	96.7	96.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	94.4	97.2	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	94.8	97.7	97.7	98.6	98.6	98.6	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 700	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 600	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 500	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 400	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 300	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 200	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
≥ 100	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0
0	94.8	97.7	97.7	98.6	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 213

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) DEC (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	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 < 20000																
≥ 14000 < 18000																
≥ 10000 < 14000																
≥ 8000 < 10000																
≥ 6000 < 8000																
≥ 4500 < 6000																
≥ 3500 < 4500																
≥ 2500 < 3500																
≥ 1800 < 2500																
≥ 1200 < 1800																
≥ 900 < 1200																
≥ 700 < 900																
≥ 500 < 700																
≥ 300 < 500																
≥ 100 < 300																
0 < 100																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) DEC (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
< 20000 ≥ 16000																
< 16000 ≥ 12000																
< 12000 ≥ 9000																
< 9000 ≥ 7000																
< 7000 ≥ 5000																
< 5000 ≥ 4000																
< 4000 ≥ 3000																
< 3000 ≥ 2000																
< 2000 ≥ 1500																
< 1500 ≥ 1000																
< 1000 ≥ 800																
< 800 ≥ 600																
< 600 ≥ 400																
< 400 ≥ 200																
< 200 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (MONTH)

08 (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	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	73.3
≥ 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	78.3
≥ 18000	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	80.0
≥ 16000	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	80.0
≥ 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	85.0
≥ 12000	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	86.7
≥ 10000	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	86.7
≥ 9000	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	86.7
≥ 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	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	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	86.7
≥ 5000	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	98.3	98.3
≥ 4500	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	98.3	98.3
≥ 4000	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	98.3	98.3
≥ 3500	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	98.3	98.3
≥ 3000	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	98.3	98.3
≥ 2500	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	98.3	98.3
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (MONTH)

11 (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	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	75.0
≥ 20000	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	85.0
≥ 18000	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	86.7
≥ 16000	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	86.7
≥ 14000	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	88.3
≥ 12000	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	90.0
≥ 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	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	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	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	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	90.0
≥ 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 7

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (MONTH)

14 (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	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	63.8
≥ 20000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 7000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 5000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-74 (YEARS) DEC (MONTH)

17 (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	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	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	77.8
≥ 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	80.6
≥ 10000	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	80.6
≥ 9000	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	80.6
≥ 8000	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	80.6
≥ 7000	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	80.6
≥ 6000	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	80.6
≥ 5000	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	91.7
≥ 4500	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	91.7
≥ 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	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	91.7
≥ 3000	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	97.2	97.2
≥ 2500	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	97.2	97.2
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 36

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) DEC (MONTH)

20 (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 AND < 20000																
≥ 14000 AND < 16000																
≥ 10000 AND < 12000																
≥ 8000 AND < 9000																
≥ 6000 AND < 7000																
≥ 4500 AND < 5000																
≥ 3500 AND < 4000																
≥ 2500 AND < 3000																
≥ 1800 AND < 2000																
≥ 1200 AND < 1500																
≥ 900 AND < 1000																
≥ 700 AND < 800																
≥ 500 AND < 600																
≥ 300 AND < 400																
≥ 100 AND < 200																
0 AND < 100																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) _____ (YEARS) DEC (MONTH)

23 (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

5703 CEILING VERSUS VISIBILITY JAN 7[illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) DEC (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	69.6
≥ 20000	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	76.2
≥ 18000	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	77.1
≥ 16000	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	77.1
≥ 14000	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	82.2
≥ 12000	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	83.6	83.6	83.6
≥ 10000	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	83.6	83.6	83.6
≥ 9000	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	83.6	83.6	83.6
≥ 8000	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	83.6	83.6	83.6
≥ 7000	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	83.6	83.6	83.6
≥ 6000	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	83.6	83.6	83.6
≥ 5000	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	97.2	97.2
≥ 4500	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	97.2	97.2
≥ 4000	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	97.2	97.2
≥ 3500	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	97.2	97.2
≥ 3000	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	98.1
≥ 2500	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	99.1	99.1	99.1
≥ 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 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	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	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	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	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	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	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	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	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	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	100.0
≥ 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	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	100.0

TOTAL NUMBER OF OBSERVATIONS 214

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) ALL (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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	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	57.0
≥ 20000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	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	67.8
≥ 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	68.1
≥ 14000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 10000	70.9	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
≥ 9000	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	71.1
≥ 8000	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	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	71.4	71.4
≥ 6000	71.4	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
≥ 5000	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 4500	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4000	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	98.2	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	98.5	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.9	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	98.9	99.5	99.6	99.7	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	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	98.9	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2897

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

SKY COVER

22501 STATION BARKING SANDS, HAWAII STATION NAME 74-76 PERIOD JAN 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	02													
	05													
	08	40.0	4.6	3.1	4.6				4.6	7.7	6.2	29.2	4.7	65
	11	39.1	4.7	4.7	4.7	1.6	1.6	3.1	1.6	3.1	4.7	31.3	4.5	64
	14	9.4	7.8	14.1	3.1	9.4	6.3	6.3	7.8	1.6	1.6	32.8	5.6	64
	17	9.1	13.6	2.3	2.3			6.8	6.8	6.8	13.6	38.6	6.8	44
	20													
	23													
TOTALS		24.4	7.7	6.1	3.7	2.8	2.0	4.1	5.2	4.8	6.5	33.0	5.4	237

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	02													
	05													
	08	35.5	7.9	2.6	9.2	2.6	2.6	3.9	1.3	1.3	6.6	26.3	4.3	76
	11	21.1	13.2	5.3	9.2	2.6	1.3	1.3	0.0	6.6	9.2	23.7	4.9	76
	14	14.5	11.8	5.3	5.3	9.2	1.3	5.3	5.3	5.3	10.5	26.3	5.5	76
	17	28.6	12.5	12.5	1.8	5.4	3.6	3.6	5.4		14.3	12.5	3.9	56
	20													
	23													
TOTALS		26.9	11.4	6.6	6.4	5.0	2.2	3.5	4.7	3.3	10.2	22.2	4.7	284

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	02													
	05													
	08	28.1	7.8	3.1	3.1	1.6	1.6	3.1	3.1	1.6	9.4	37.5	5.5	64
	11	15.6	6.3	7.8	7.8	6.3	1.6	9.4	3.1	3.1	4.7	34.4	5.7	64
	14	9.4	10.9	3.1	7.8	4.7	1.6	3.1	9.4	3.1	10.9	35.9	6.3	64
	17	12.5	9.4	4.7	6.3	3.1	1.6	1.6	4.7	9.4	4.7	42.2	6.4	64
	20													
	23													
TOTALS		16.4	8.6	4.7	6.3	3.9	1.6	4.3	5.1	4.3	7.4	37.5	6.0	256

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	02													
	05													
	08	35.4	9.2	4.6	4.6	3.1	3.1		6.2	4.6	4.6	24.6	4.3	65
	11	9.2	9.2	1.5	4.6	6.2	3.1	6.2	9.2	6.2	10.8	33.8	6.5	65
	14	6.2	9.2	7.7	3.1	6.2	1.5	4.6	7.7	7.7	12.3	33.8	6.6	65
	17	7.7	7.7	4.6	6.2	10.8	4.6	3.1	3.1	4.6	7.7	40.0	6.5	65
	20													
	23													
TOTALS		14.6	8.8	4.6	4.6	6.6	3.1	3.5	6.6	5.8	8.9	33.1	6.0	260

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5704 SKY COVER JAN 68

SKY COVER

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 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	02													
	05													
	08	27.7	6.2	6.2	6.2	10.8	1.5	6.2	4.6	6.2	7.7	16.9	4.4	65
	11	10.8	7.7	7.7	12.3	9.2	1.5	1.5	6.2	6.2	18.5	18.5	5.6	65
	14	12.3	6.2	7.7	3.1	1.5	3.1	6.2	10.8	7.7	15.4	26.2	6.3	65
	17	3.1	9.4	12.5	4.7	4.7	1.6		14.1	7.8	12.5	29.7	6.5	64
	20													
	23													
TOTALS		13.5	7.4	8.5	6.6	6.6	1.9	3.5	8.9	7.0	13.5	22.8	5.7	259

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	02													
	05													
	08	33.9	8.1	3.2	1.6	3.2	6.5	3.2		3.2	9.7	27.4	4.7	62
	11	3.2	19.4	3.2	9.7	1.6	1.6	4.8	9.7	6.5	12.9	27.4	6.1	62
	14		14.5	3.2	4.8	4.8		8.1	8.1	11.3	8.1	37.1	6.9	62
	17	4.9	4.9	6.6	9.8	3.3	4.9	11.5	11.5	6.6	4.9	31.1	6.4	61
	20													
	23													
TOTALS		10.5	11.7	4.1	6.5	3.2	3.3	6.9	7.3	6.9	8.9	30.8	6.0	247

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	02													
	05													
	08	65.6	9.4	1.6	4.7			1.6	1.6	4.7	4.7	6.3	1.9	64
	11	21.9	21.9	9.4	7.8	4.7	1.6	9.4		4.7	6.3	12.5	3.7	64
	14	7.8	31.3	7.8	10.9	1.6		4.7	4.7	6.3	14.1	10.9	4.3	64
	17	14.0	18.6	9.3	7.0	4.7	2.3	2.3	4.7	7.0	16.3	14.0	4.8	43
	20													
	23													
TOTALS		27.3	20.3	7.0	7.0	2.8	1.0	4.5	2.8	5.7	10.4	10.9	3.7	235

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) AUG (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		
AUG	02													
	05													
	08	42.4	9.1	6.1	1.5		3.0	1.5	1.5	6.1	9.1	19.7	3.9	66
	11	22.7	7.6	7.6	6.1		7.6	9.1	6.1	7.6	9.1	16.7	4.8	66
	14	13.6	9.1	9.1	9.1	6.1	4.5	6.1	4.5	12.1	6.1	19.7	5.2	66
	17	4.4	6.7	8.9	2.2	6.7	4.4	11.1	8.9	11.1	13.3	22.2	6.4	45
	20													
	23													
TOTALS		20.8	8.1	7.9	4.7	3.2	4.9	7.0	5.3	9.2	9.4	19.6	5.1	243

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5704 SKY COVER JAN 68

2

SKY COVER

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 PERIOD | SEP 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		
SEP	02													
	05													
	08	53.3	13.3	3.3			1.7	5.0	3.3	1.7	10.0	8.3	2.7	60
	11	20.0	15.0	13.3	11.7	6.7		8.3	3.3	6.7	8.3	6.7	3.7	60
	14	5.0	10.0	10.0	5.0	8.3	10.0	5.0	10.0	13.3	5.0	18.3	5.6	60
	17		10.3	10.3	7.7	5.1	5.1	2.6	17.9	5.1	12.8	23.1	6.3	39
	20													
	23													
TOTALS		19.6	12.2	9.2	6.1	5.0	4.2	5.2	8.6	6.7	9.0	14.1	4.6	219

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	02													
	05													
	08	44.4	7.9	7.9	6.3	3.2	3.2		4.8	6.3	3.2	12.7	3.1	63
	11	30.2	9.5	12.7	7.9	4.8	1.6	6.3	6.3	9.5	1.6	9.5	3.5	63
	14	22.2	19.0	9.5	6.3	1.6	1.6	4.8	6.3	6.3	6.3	15.9	4.1	63
	17	16.7	7.1	4.8	21.4	7.1	2.4	4.8		7.1	9.5	19.0	4.8	42
	20													
	23													
TOTALS		28.4	10.9	8.7	10.5	4.2	2.2	4.0	4.4	7.3	5.2	14.3	3.9	231

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5704 SKY COVER JAN 68

SKY COVER

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 PERIOD | NOV 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		
NOV	02													
	05													
	08	31.0	3.4	3.4	10.3	3.4	3.4	5.2	1.7	5.2	1.7	31.0	4.8	58
	11	15.5	17.2	3.4	6.9	5.2	1.7	3.4	6.9	5.2	6.9	27.6	5.2	58
	14	10.3	19.0	5.2	5.2	3.4		3.4	5.2	3.4	3.4	41.4	5.9	58
	17	12.8	12.8		5.1	5.1	2.6	10.3	2.6		5.1	43.6	6.2	39
	20													
	23													
TOTALS		17.4	13.1	3.0	6.9	4.3	1.9	5.6	4.1	3.5	4.3	35.9	5.5	213

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5704 SKY COVER JAN 68

2

SKY COVER

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 73-75 PERIOD — DEC 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		
DEC	02													
	05													
	08	45.0	6.7	1.7	6.7	1.7	1.7		6.7		8.3	21.7	3.8	60
	11	38.3	11.7	10.0	3.3	5.0		3.3	3.3	3.3		21.7	3.5	60
	14	22.4	10.3	6.9	5.2	10.3	3.4	8.6	6.9		6.9	19.0	4.5	58
	17	30.6	5.6	5.6	8.3	2.8	8.3	5.6	5.6		5.6	22.2	4.4	36
	20													
	23													
TOTALS		34.1	8.6	6.1	5.9	5.0	3.6	4.4	5.0	.8	5.2	21.2	4.1	214

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5704 SKY COVER JAN 68

SKY COVER

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (PERIOD) ALL (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	24.4	7.7	6.1	3.7	2.8	2.0	4.1	5.2	4.8	6.5	33.0	5.4	237
FEB		24.9	11.4	6.4	6.4	5.0	2.2	3.5	4.7	3.3	10.2	22.2	4.7	284
MAR		16.4	8.6	4.7	6.3	3.9	1.6	4.3	5.1	4.3	7.4	37.5	6.0	256
APR		14.6	8.8	4.6	4.6	6.6	3.1	3.5	6.6	5.8	8.9	33.1	6.0	260
MAY		13.5	7.4	8.5	6.6	6.6	1.9	3.5	6.9	7.0	13.5	22.8	5.7	259
JUN		10.5	11.7	4.1	6.5	3.2	3.3	6.9	7.3	6.9	8.9	30.8	6.0	247
JUL		27.3	20.3	7.0	7.6	2.8	1.0	4.5	2.8	5.7	10.4	10.9	3.7	235
AUG		20.8	8.1	7.9	4.7	3.2	4.9	7.0	5.3	9.2	9.4	19.6	5.1	243
SEP		19.6	12.2	9.2	6.1	5.0	4.2	5.2	8.6	6.7	9.0	14.1	4.6	219
OCT		28.4	10.9	8.7	10.5	4.2	2.2	4.0	4.4	7.3	5.2	14.3	3.9	231
NOV		17.4	13.1	3.0	6.9	4.3	1.9	5.6	4.1	3.5	4.3	35.9	5.5	213
DEC		36.1	8.6	6.1	5.9	5.0	3.4	4.4	5.6	.8	5.2	21.2	4.1	214
TOTALS		21.0	10.7	6.4	6.3	4.4	2.6	4.7	5.7	5.4	8.2	24.6	5.1	2898

NAVWEASERVCOM

5704 SKY COVER JAN 68

NWSD, 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 ($\sum X^2$), sums of values ($\sum X$), 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).

DAILY TEMPERATURES

22301 (STATION) BARKING SANDS, HAWAII (STATION NAME) 68-76 (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
≥ 90						.5	.9	1.4		.5			.3
≥ 85		1.9	2.8	7.6	14.3	31.0	50.7	62.6	61.4	52.8	12.9	8.5	25.0
≥ 80	30.3	52.4	72.4	82.9	94.0	97.6	99.1	100.0	100.0	99.1	90.0	53.2	79.9
≥ 75	84.8	93.9	97.7	99.0	100.0	100.0	100.0			100.0	100.0	97.6	97.6
≥ 70	99.6	100.0	100.0	100.0								100.0	100.0
≥ 65	100.0												100.0
MEAN	77.8	79.3	80.5	81.7	82.5	83.4	84.6	85.1	85.1	84.4	81.9	79.9	82.2
S. D.	2,915	2,776	2,595	2,379	2,027	2,077	2,030	1,881	1,602	2,085	2,300	3,096	3,344
TOTAL OBS.	244	212	217	210	217	210	217	214	210	214	210	248	2623

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

DAILY TEMPERATURES

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 68-76 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
75			.5						.5	.9		.4	.2
70	8.6	6.2	1.9	7.2	13.4	25.2	47.5	58.9	55.5	40.1	10.6	4.0	22.8
65	41.0	35.9	37.0	66.3	81.6	96.2	100.0	100.0	99.0	98.1	88.5	48.2	73.5
60	89.3	84.7	94.0	98.6	100.0	100.0			100.0	100.0	99.5	93.9	96.5
55	99.6	99.0	100.0	100.0							100.0	99.2	99.8
50	100.0	100.0										100.0	100.0
MEAN	63.9	63.3	63.9	65.7	66.7	68.0	69.4	69.8	69.8	69.0	67.0	64.2	66.7
S. D.	3.807	3.678	2.997	2.716	2.475	2.062	1.629	1.799	1.918	2.160	2.275	3.186	3.594
TOTAL OBS.	244	209	216	208	217	210	217	209	209	212	208	247	2606

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

DAILY TEMPERATURES

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 68-76 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 80			.5		.5	1.9	9.2	10.5	12.4	6.2		.8	3.4
≥ 75	11.9	14.4	15.3	41.8	63.1	78.6	96.8	95.7	97.6	90.5	55.8	17.0	55.4
≥ 70	72.5	77.5	92.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	99.5	87.9	93.6
≥ 65	99.6	99.0	100.0	100.0							100.0	100.0	99.9
≥ 60	100.0	100.0											100.0
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MEAN	71.1	71.6	72.4	73.9	74.9	76.0	77.3	77.7	77.6	77.0	74.7	72.3	74.7
S. D.	2.835	2.850	2.136	2.081	1.843	1.763	1.556	1.598	1.579	1.797	1.856	2.588	3.164
TOTAL OBS.	244	209	216	208	217	210	217	209	209	211	208	247	2605

NAVWEASERVCOM

5721 Daily Temperatures Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS | JANUARY MONTH

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	71.3	21.8	78.4	25.8	82	27.8	1974*	64.2	17.9	60	15.6	1976*
2	71.6	22.0	78.6	25.9	82	27.8	1971	64.5	18.1	60	15.6	1971
3	72.2	22.3	79.9	26.6	83	28.3	1973	64.6	18.1	60	15.6	1976
4	71.7	22.1	78.5	25.8	84	28.9	1975	65.0	18.3	61	16.1	1976
5	71.3	21.8	78.7	25.9	84	28.9	1975	63.9	17.7	60	15.6	1976
6	70.4	21.3	76.0	24.4	80	26.7	1975*	64.7	18.2	58	14.4	1971
7	70.0	21.1	77.1	25.1	80	26.7	1975*	62.9	17.2	57	13.9	1971
8	70.9	21.6	77.6	25.3	81	27.2	1975*	64.1	17.8	62	16.7	1976*
9	70.4	21.3	77.4	25.2	81	27.2	1975	63.5	17.5	58	14.4	1970
10	70.2	21.2	77.5	25.3	82	27.8	1971	62.9	17.2	57	13.9	1970
11	70.8	21.6	77.2	25.1	80	26.7	1972	64.4	18.0	59	15.0	1973
12	72.6	22.6	78.4	25.8	82	27.8	1974	66.7	19.3	62	16.7	1976*
13	71.7	22.1	77.4	25.2	80	26.7	1972	66.0	18.9	58	14.4	1976
14	71.4	21.9	77.9	25.5	82	27.8	1971	65.0	18.3	59	15.0	1973
15	71.8	22.1	77.9	25.5	83	28.3	1971	65.7	18.7	58	14.4	1970
16	71.5	21.9	77.9	25.5	83	28.3	1974	65.1	18.4	59	15.0	1976
17	70.6	21.4	77.4	25.2	80	26.7	1975	63.9	17.7	56	13.3	1976
18	71.2	21.8	78.2	25.7	82	27.8	1973	64.1	17.8	59	15.0	1976
19	70.9	21.6	78.7	25.9	82	27.8	1975	63.0	17.2	55	12.8	1969
20	70.6	21.4	78.7	25.9	82	27.8	1975*	62.5	16.9	54	12.2	1969
21	71.0	21.7	78.0	25.6	82	27.8	1975*	64.0	17.8	60	15.6	1976*
22	70.7	21.5	78.5	25.8	83	28.3	1974	63.0	17.2	60	15.6	1976*
23	69.6	20.9	77.4	25.2	82	27.8	1974	61.7	16.5	58	14.4	1970
24	71.1	21.7	78.0	25.6	82	27.8	1971	64.1	17.8	57	13.9	1969
25	70.8	21.6	77.4	25.2	82	27.8	1971	64.2	17.9	62	16.7	1975*
26	70.9	21.6	77.9	25.5	82	27.8	1974*	64.0	17.8	59	15.0	1969
27	69.5	20.8	77.0	25.0	80	26.7	1974	62.0	16.7	56	13.3	1969
28	69.3	20.7	77.4	25.2	81	27.2	1975	61.2	16.2	56	13.3	1969
29	69.7	20.9	76.5	24.7	79	26.1	1976*	63.0	17.2	59	15.0	1973
30	69.7	20.9	77.1	25.1	81	27.2	1974	62.4	16.9	59	15.0	1971
31	70.1	21.2	77.4	25.2	82	27.8	1971	62.9	17.2	58	14.4	1973
Monthly	70.8	21.6	77.8	25.4	84	28.9	1975	63.9	17.7	54	12.2	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 1969-1976 (YEARS) FEBRUARY (MONTH)

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	70.4	21.3	77.4	25.2	81	27.2	1974	63.3	17.4	57	13.9	1976
2	70.9	21.6	77.7	25.4	83	28.3	1971	64.1	17.8	57	13.9	1976
3	71.2	21.8	78.1	25.6	82	27.8	1971	64.3	17.9	60	15.6	1976*
4	71.3	21.8	78.1	25.6	81	27.2	1971	64.4	18.0	60	15.6	1970*
5	71.2	21.8	78.0	25.6	81	27.2	1971	64.4	18.0	59	15.0	1970
6	70.1	21.2	78.0	25.6	81	27.2	1971*	62.1	16.7	57	13.9	1970
7	70.5	21.4	78.0	25.6	82	27.8	1974*	63.0	17.2	57	13.9	1970
8	71.2	21.8	79.4	26.3	84	28.9	1971	63.0	17.2	57	13.9	1970
9	71.8	22.1	79.1	26.2	82	27.8	1971	64.4	18.0	58	14.4	1972
10	71.5	21.9	78.7	25.9	82	27.8	1971	64.3	17.9	59	15.0	1970
11	71.0	21.7	79.1	26.2	84	28.9	1969	62.9	17.2	54	12.2	1970
12	71.4	21.9	79.9	26.6	83	28.3	1971	62.9	17.2	59	15.0	1972*
13	71.9	22.2	79.9	26.6	82	27.8	1972*	63.9	17.7	58	14.4	1972
14	71.4	21.9	80.1	26.7	83	28.3	1976	62.6	17.0	59	15.0	1972
15	70.9	21.6	79.2	26.2	82	27.8	1976*	62.6	17.0	57	13.9	1970
16	70.9	21.6	79.4	26.3	83	28.3	1973	62.5	16.9	54	12.2	1970
17	71.7	22.1	79.9	26.6	86	30.0	1971	63.5	17.5	59	15.0	1970*
18	72.1	22.3	80.5	26.9	85	29.4	1971	63.6	17.6	60	15.6	1972*
19	72.3	22.4	80.5	26.9	85	29.4	1973	64.1	17.8	55	12.8	1972
20	71.6	22.0	79.5	26.4	84	28.9	1971	63.1	17.3	59	15.0	1976
21	72.5	22.5	80.5	26.9	85	29.4	1971	64.3	17.9	62	16.7	1976*
22	72.3	22.4	80.0	26.7	84	28.9	1971	64.6	18.1	62	16.7	1976
23	71.1	21.7	79.7	26.5	82	27.8	1971*	62.5	16.9	57	13.9	1976
24	71.1	21.7	79.0	26.1	82	27.8	1974*	63.1	17.3	59	15.0	1970
25	70.3	21.6	79.6	26.4	84	28.9	1974	62.0	16.7	57	13.9	1969
26	71.2	21.8	80.0	26.7	84	28.9	1974	62.4	16.9	59	15.0	1969
27	70.7	21.5	79.9	26.6	82	27.8	1975*	61.6	16.4	56	13.3	1972
28	71.4	21.9	80.4	26.9	82	27.8	1973*	62.4	16.9	58	14.4	1969
29	73.7	23.2	80.0	26.7	80	26.7	1976*	67.5	19.7	62	16.7	1976
30												
31												
Monthly	71.3	21.8	79.3	26.3	86	30.0	1971	63.3	17.4	54	12.2	1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
1969-1976 — YEARS
MARCH — MONTH

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	72.4	22.4	81.1	27.3	83	28.3	1972	63.6	17.6	58	14.4	1969
2	71.6	22.0	80.1	26.7	83	28.3	1973*	63.1	17.3	59	15.0	1969
3	71.4	21.9	79.3	26.3	84	28.9	1973	63.6	17.6	62	16.7	1970
4	71.4	21.9	80.1	26.7	83	28.3	1973	62.6	17.0	59	15.0	1975
5	71.9	22.2	79.1	26.2	81	27.2	1971*	64.6	18.1	62	16.7	1975
6	72.0	22.2	81.0	27.2	83	28.3	1974*	63.0	17.2	59	15.0	1969
7	71.7	22.1	80.6	27.0	83	28.3	1973	62.9	17.2	55	12.8	1969
8	71.8	22.1	81.0	27.2	87	30.6	1973	62.6	17.0	59	15.0	1972
9	71.7	22.1	81.0	27.2	83	28.3	1973*	62.4	16.9	57	13.9	1972
10	73.0	22.8	81.4	27.4	83	28.3	1971	64.6	18.1	60	15.6	1969
11	72.9	22.7	80.4	26.9	81	27.2	1974*	65.4	18.6	62	16.7	1969
12	72.9	22.7	81.7	27.6	85	29.4	1971	64.0	17.8	61	16.1	1970
13	72.4	22.4	80.6	27.0	84	28.9	1973*	64.3	17.9	60	15.6	1970
14	73.1	22.8	80.1	26.7	84	28.9	1971	66.0	18.9	62	16.7	1970
15	72.2	22.3	80.9	27.2	85	29.4	1973	63.6	17.6	60	15.6	1969
16	72.5	22.5	81.7	27.6	84	28.9	1971	63.3	17.4	59	15.0	1972
17	72.6	22.6	80.7	27.1	86	30.0	1973	64.6	18.1	61	16.1	1972
18	72.4	22.4	81.3	27.4	84	28.9	1969	63.4	17.4	60	15.6	1972
19	72.5	22.5	81.7	27.6	83	28.3	1974*	63.3	17.4	60	15.6	1969
20	71.9	22.2	80.7	27.1	83	28.3	1973	63.1	17.3	59	15.0	1972
21	73.2	22.9	82.0	27.8	87	30.6	1969	64.4	18.0	60	15.6	1969
22	73.4	23.0	81.4	27.4	83	28.3	1969	65.4	18.6	62	16.7	1975*
23	72.9	22.7	80.3	26.8	85	29.4	1971	65.4	18.6	62	16.7	1969
24	72.5	22.5	81.3	27.4	84	28.9	1973*	63.7	17.6	60	15.6	1970
25	71.4	21.9	79.1	26.2	83	28.3	1973	63.6	17.6	60	15.6	1970*
26	71.9	22.2	80.0	26.7	82	27.8	1975*	63.7	17.6	58	14.4	1969
27	72.3	22.4	79.9	26.6	83	28.3	1973	64.5	18.1	62	16.7	1970
28	71.4	21.9	78.4	25.8	83	28.3	1973	64.4	18.0	61	16.1	1969
29	71.2	21.8	78.7	25.9	83	28.3	1973	63.7	17.6	61	16.1	1972*
30	71.3	21.8	79.6	26.4	83	28.3	1973	63.0	17.2	58	14.4	1969
31	72.3	22.4	80.9	27.2	83	28.3	1973*	63.7	17.6	59	15.0	1972
Monthly	72.2	22.3	80.5	26.9	87	30.6	1973*	63.9	17.7	55	12.8	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

525 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS | APRIL MONTH

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	73.2	22.9	80.4	26.9	84	28.9	1970	66.0	18.9	61	16.1	1972
2	73.1	22.8	80.7	27.1	84	28.9	1970	65.4	18.6	60	15.6	1969
3	74.2	23.4	81.1	27.3	84	28.9	1971	66.3	19.1	60	15.6	1969
4	72.6	22.6	79.6	26.4	84	28.9	1974	65.7	18.7	62	16.7	1970*
5	72.6	22.6	79.7	26.5	84	28.9	1971	65.6	18.7	60	15.6	1969
6	72.9	22.7	80.4	26.9	85	29.4	1974	65.3	18.5	62	16.7	1975*
7	72.9	22.7	80.9	27.2	83	28.3	1974*	65.0	18.3	60	15.6	1969
8	73.4	23.0	82.0	27.8	86	30.0	1974	64.7	18.2	58	14.4	1969
9	73.9	23.3	80.7	27.1	84	28.9	1974	67.1	19.5	62	16.7	1969
10	74.2	23.4	82.4	28.0	85	29.4	1974	66.0	18.9	62	16.7	1972
11	73.4	23.0	81.6	27.6	83	28.3	1973*	65.3	18.5	62	16.7	1972*
12	74.5	23.6	82.4	28.0	84	28.9	1969	66.6	19.2	64	17.8	1971*
13	74.6	23.7	83.0	28.3	87	30.6	1973	66.3	19.1	62	16.7	1969
14	73.3	22.9	81.4	27.4	84	28.9	1974	65.1	18.4	59	15.0	1973
15	74.0	23.3	82.4	28.0	84	28.9	1974*	65.6	18.7	62	16.7	1972
16	74.9	23.8	83.4	28.6	86	30.0	1971	66.4	19.1	63	17.2	1969
17	74.1	23.4	82.0	27.8	86	30.0	1973	65.5	18.6	63	17.2	1970*
18	74.3	23.5	82.7	28.2	84	28.9	1974*	65.9	18.8	64	17.8	1975*
19	74.5	23.6	82.0	27.8	84	28.9	1971	67.0	19.4	64	17.8	1975
20	74.1	23.4	82.0	27.8	84	28.9	1973*	66.3	19.1	63	17.2	1969
21	74.2	23.4	82.6	28.1	85	29.4	1973	65.9	18.8	62	16.7	1969
22	74.1	23.4	82.7	28.2	86	30.0	1970	65.6	18.7	64	17.8	1975*
23	72.9	22.7	81.1	27.3	85	29.4	1970	64.7	18.2	58	14.4	1969
24	73.0	22.8	81.0	27.2	83	28.3	1974*	65.0	18.3	61	16.1	1972
25	73.0	22.8	81.1	27.3	85	29.4	1971	64.9	18.3	60	15.6	1972
26	73.6	23.1	81.6	27.6	86	30.0	1971	65.6	18.7	60	15.6	1972
27	73.8	23.2	82.3	27.9	84	28.9	1974*	65.3	18.5	60	15.6	1972
28	73.7	23.2	82.3	27.9	85	29.4	1971	65.1	18.4	62	16.7	1972
29	74.0	23.3	82.0	27.8	84	28.9	1974*	66.0	18.9	64	17.8	1974*
30	73.6	23.1	82.3	27.9	84	28.9	1971	64.9	18.3	61	16.1	1972
31												
Monthly	73.7	23.2	81.7	27.6	87	30.6	1973	65.7	18.7	58	14.4	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE EXTREME TEMP MAR 1976

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
1969-1976 — YEARS
MAY — MONTH

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	73.6	23.1	81.0	27.2	83	28.3	1974*	66.3	19.1	62	16.7	1969
2	74.2	23.4	82.9	28.3	84	28.9	1973*	65.6	18.7	61	16.1	1969
3	74.3	23.5	82.4	28.0	84	28.9	1971*	66.1	18.9	61	16.1	1972
4	74.7	23.7	83.0	28.3	86	30.0	1973	66.4	19.1	62	16.7	1969
5	74.9	23.8	82.9	28.3	87	30.6	1973	66.9	19.4	61	16.1	1975
6	74.8	23.8	82.7	28.2	86	30.0	1971	66.9	19.4	64	17.8	1969
7	74.6	23.7	82.3	27.9	85	29.4	1970	67.0	19.4	64	17.8	1975
8	73.6	23.1	82.0	27.8	86	30.0	1974	65.1	18.4	63	17.2	1975*
9	74.1	23.4	81.9	27.7	85	29.4	1970	66.4	19.1	64	17.8	1975*
10	74.6	23.7	81.6	27.6	83	28.3	1971*	67.6	19.8	63	17.2	1975
11	74.1	23.4	81.1	27.3	84	28.9	1973*	67.1	19.5	64	17.8	1975
12	74.2	23.4	82.1	27.8	84	28.9	1971*	66.3	19.1	63	17.2	1975
13	74.5	23.6	81.9	27.7	84	28.9	1973*	67.1	19.5	64	17.8	1969
14	74.6	23.7	82.7	28.2	89	31.7	1974	66.6	19.2	64	17.8	1975
15	74.1	23.4	82.4	28.0	86	30.0	1971	65.7	18.7	63	17.2	1969
16	74.4	23.6	82.6	28.1	86	30.0	1971	66.3	19.1	62	16.7	1969
17	74.9	23.8	82.3	27.9	84	28.9	1971*	67.4	19.7	65	18.3	1975*
18	74.0	23.3	82.0	27.8	84	28.9	1971*	66.0	18.9	64	17.8	1970
19	74.1	23.4	82.6	28.1	86	30.0	1971	65.7	18.7	62	16.7	1972
20	74.4	23.6	82.6	28.1	85	29.4	1971	66.3	19.1	61	16.1	1970
21	74.7	23.7	82.7	28.2	85	29.4	1971	66.7	19.3	66	18.9	1974*
22	74.9	23.8	83.0	28.3	85	29.4	1969	66.7	19.3	65	18.3	1972*
23	74.9	23.8	83.1	28.4	86	30.0	1971*	66.7	19.3	65	18.3	1973*
24	75.4	24.1	82.4	28.0	86	30.0	1971	68.3	20.2	64	17.8	1972
25	74.8	23.8	83.0	28.3	85	29.4	1971	66.6	19.2	65	18.3	1972*
26	74.9	23.8	83.4	28.6	87	30.6	1971	66.4	19.1	62	16.7	1972
27	75.1	23.9	83.7	28.7	86	30.0	1975*	66.6	19.2	64	17.8	1970
28	75.2	24.0	83.0	28.3	86	30.0	1971	67.4	19.7	65	18.3	1975
29	75.6	24.2	83.0	28.3	86	30.0	1971	68.1	20.1	66	18.9	1972*
30	76.0	24.4	83.1	28.4	86	30.0	1971	68.9	20.5	66	18.9	1973*
31	75.6	24.2	83.3	28.5	87	30.6	1971	67.9	19.9	64	17.8	1972
Monthly	74.6	23.7	82.5	28.1	89	31.7	1974	66.7	19.3	61	16.1	1975*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS | JUNE MONTH

	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	75.4	24.1	83.4	28.6	86	30.0	1971	67.4	19.7	65	18.3	1970
2	75.4	24.1	83.9	28.8	86	30.0	1971	67.0	19.4	66	18.9	1975*
3	75.5	24.2	83.6	28.7	86	30.0	1971*	67.4	19.7	66	18.9	1975*
4	75.3	24.1	83.4	28.6	87	30.6	1969	67.1	19.5	65	18.3	1975
5	74.9	23.8	83.3	28.5	86	30.0	1971	66.4	19.1	65	18.3	1972*
6	75.0	23.9	83.4	28.6	87	30.6	1969	66.6	19.2	64	17.8	1975*
7	75.2	24.0	82.7	28.2	86	30.0	1971	67.7	19.8	63	17.2	1975
8	75.8	24.3	83.9	28.8	86	30.0	1971*	67.7	19.8	64	17.8	1975
9	75.6	24.2	83.6	28.7	87	30.6	1971	67.7	19.8	64	17.8	1975
10	75.5	24.2	83.0	28.3	86	30.0	1971*	68.0	20.0	65	18.3	1973
11	74.8	23.8	82.6	28.1	86	30.0	1971	67.0	19.4	65	18.3	1974*
12	75.5	24.2	83.4	28.6	85	29.4	1971*	67.6	19.8	63	17.2	1975
13	75.4	24.1	82.6	28.1	86	30.0	1971	68.3	20.2	64	17.8	1975
14	75.7	24.3	82.6	28.1	85	29.4	1972*	68.9	20.5	66	18.9	1973
15	75.4	24.1	82.6	28.1	85	29.4	1970*	68.1	20.1	66	18.9	1973
16	75.5	24.2	82.6	28.1	84	28.9	1971*	68.4	20.2	66	18.9	1975
17	75.8	24.3	83.4	28.6	88	31.1	1971	68.1	20.1	65	18.3	1975
18	75.4	24.1	83.0	28.3	86	30.0	1971	67.7	19.8	64	17.8	1975
19	75.1	23.9	82.6	28.1	86	30.0	1971	67.6	19.8	65	18.3	1975*
20	75.9	24.4	83.3	28.5	86	30.0	1971*	68.6	20.3	65	18.3	1975*
21	75.4	24.1	82.9	28.3	86	30.0	1971	67.9	19.9	65	18.3	1975*
22	75.4	24.1	83.3	28.5	86	30.0	1971	67.6	19.8	65	18.3	1973
23	75.9	24.4	84.0	28.9	86	30.0	1971*	67.9	19.9	66	18.9	1972*
24	76.4	24.7	83.6	28.7	85	29.4	1971	69.1	20.6	68	20.0	1975*
25	76.9	24.9	84.0	28.9	86	30.0	1975*	69.7	20.9	68	20.0	1974*
26	77.0	25.0	84.4	29.1	86	30.0	1971	69.6	20.9	68	20.0	1974
27	77.3	25.2	85.1	29.5	87	30.6	1969	69.4	20.8	67	19.4	1972
28	76.2	24.6	84.1	28.9	88	31.1	1969	68.3	20.2	65	18.3	1972
29	76.3	24.6	84.1	28.9	87	30.6	1969	68.4	20.2	65	18.3	1972
30	77.3	25.2	85.1	29.5	91	32.8	1969	69.4	20.8	67	19.4	1972
31												
Monthly	75.7	24.3	83.4	28.6	91	32.8	1969	68.0	20.0	63	17.2	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS | JULY MONTH

	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	76.7	24.8	84.1	28.9	86	30.0	1973*	69.3	20.7	68	20.0	1974*
2	76.9	24.9	84.6	29.2	88	31.1	1969	69.1	20.6	68	20.0	1973*
3	76.3	24.6	84.1	28.9	86	30.0	1971	68.4	20.2	68	20.0	1974*
4	77.2	25.1	84.6	29.2	88	31.1	1973	69.9	21.1	68	20.0	1970
5	77.1	25.1	84.6	29.2	87	30.6	1971	69.6	20.9	68	20.0	1974*
6	76.6	24.8	84.4	29.1	88	31.1	1969	68.7	20.4	67	19.4	1972
7	76.4	24.7	84.3	29.1	87	30.6	1971	68.6	20.3	66	18.9	1974
8	77.6	25.3	84.9	29.4	89	31.7	1971	70.4	21.3	68	20.0	1975*
9	76.8	24.9	84.7	29.3	87	30.6	1971*	68.9	20.5	67	19.4	1973
10	76.7	24.8	84.0	28.9	85	29.4	1975*	69.4	20.8	67	19.4	1974
11	77.3	25.2	84.6	29.2	87	30.6	1975*	70.0	21.1	66	18.9	1974
12	77.4	25.2	84.3	29.1	87	30.6	1971	70.6	21.4	69	20.6	1974
13	77.9	25.5	84.7	29.3	90	32.2	1971	71.0	21.7	69	20.6	1974
14	77.4	25.2	84.9	29.4	91	32.8	1969	70.0	21.1	67	19.4	1974
15	77.1	25.1	84.1	28.9	87	30.6	1973	70.0	21.1	68	20.0	1972
16	76.9	24.9	84.9	29.4	87	30.6	1971	69.0	20.6	67	19.4	1970
17	77.1	25.1	84.9	29.4	87	30.6	1969	69.4	20.8	68	20.0	1975*
18	77.0	25.0	84.9	29.4	87	30.6	1971*	69.1	20.6	67	19.4	1973
19	77.0	25.0	83.7	28.7	87	30.6	1971	70.3	21.3	68	20.0	1973
20	76.6	24.8	84.3	29.1	87	30.6	1971	68.9	20.5	65	18.3	1974
21	76.8	24.9	84.4	29.1	87	30.6	1969	69.1	20.6	66	18.9	1973
22	76.9	24.9	84.9	29.4	87	30.6	1971	69.0	20.6	68	20.0	1975*
23	76.4	24.7	84.6	29.2	87	30.6	1971*	68.3	20.2	66	18.9	1975
24	77.3	25.2	85.1	29.5	88	31.1	1973	69.4	20.8	68	20.0	1975
25	76.9	24.9	84.9	29.4	86	30.0	1973*	69.0	20.6	67	19.4	1973
26	77.4	25.2	84.7	29.3	86	30.0	1973*	70.1	21.2	67	19.4	1975
27	76.9	24.9	84.4	29.1	87	30.6	1969	69.4	20.8	66	18.9	1972
28	77.3	25.2	85.6	29.8	89	31.7	1971	69.0	20.6	66	18.9	1975
29	77.0	25.0	84.9	29.4	87	30.6	1969	69.1	20.6	67	19.4	1970
30	77.8	25.4	85.4	29.7	88	31.1	1973	70.1	21.2	69	20.6	1974*
31	77.4	25.2	85.3	29.6	87	30.6	1971*	69.4	20.8	68	20.0	1973*
Monthly	77.0	25.0	84.6	29.2	91	32.8	1969	69.4	20.8	65	18.3	1974

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS | AUGUST MONTH

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	76.9	24.9	85.4	29.7	87	30.6	1974*	68.3	20.2	66	18.9	1975
2	77.3	25.2	85.1	29.5	90	32.2	1971	69.4	20.8	68	20.0	1975*
3	77.3	25.2	84.9	29.4	87	30.6	1971*	69.7	20.9	68	20.0	1973*
4	77.3	25.2	85.1	29.5	88	31.1	1974	69.4	20.8	67	19.4	1972*
5	77.1	25.1	85.3	29.6	87	30.6	1974*	68.9	20.5	67	19.4	1975
6	77.4	25.2	85.1	29.5	88	31.1	1973	69.6	20.9	66	18.9	1975
7	77.9	25.5	85.3	29.6	88	31.1	1973	70.4	21.3	68	20.0	1975
8	77.5	25.3	84.7	29.3	88	31.1	1974	70.3	21.3	69	20.6	1973
9	76.9	24.9	84.9	29.4	87	30.6	1972*	69.9	20.6	65	18.3	1972
10	77.1	25.1	84.4	29.1	86	30.0	1974	69.9	21.1	68	20.0	1973
11	77.5	25.3	84.7	29.3	87	30.6	1974*	70.3	21.3	68	20.0	1975
12	78.0	25.6	85.4	29.7	89	31.7	1971	70.6	21.4	68	20.0	1975
13	77.9	25.5	85.0	29.4	88	31.1	1971	70.7	21.5	68	20.0	1975*
14	77.2	25.1	85.1	29.5	88	31.1	1971	69.3	20.7	65	18.3	1975
15	77.6	25.3	86.1	30.1	88	31.1	1974*	69.0	20.6	68	20.0	1975*
16	77.9	25.5	85.7	29.8	90	32.2	1971	70.0	21.1	68	20.0	1975*
17	78.1	25.6	85.7	29.8	90	32.2	1971	70.4	21.3	69	20.6	1973*
18	78.0	25.6	85.7	29.8	88	31.1	1971	70.3	21.3	66	18.9	1975
19	77.5	25.3	84.9	29.4	88	31.1	1971	70.1	21.2	68	20.0	1975
20	77.8	25.4	85.3	29.6	87	30.6	1974*	70.3	21.3	68	20.0	1969
21	77.3	25.2	85.0	29.4	88	31.1	1971	69.6	20.9	66	18.9	1975
22	77.2	25.1	84.8	29.3	88	31.1	1971	69.5	20.8	67	19.4	1975
23	77.7	25.4	85.7	29.8	88	31.1	1974	69.7	20.9	68	20.0	1971*
24	77.2	25.1	84.7	29.3	87	30.6	1971	69.7	20.9	67	19.4	1975
25	77.5	25.3	85.3	29.6	88	31.1	1971	69.3	20.8	65	18.3	1975
26	77.1	25.1	84.9	29.4	88	31.1	1971	69.0	20.6	66	18.9	1975
27	77.1	25.1	84.6	29.2	87	30.6	1972*	69.6	20.9	66	18.9	1975
28	77.9	25.5	84.9	29.4	87	30.6	1971	71.0	21.7	68	20.0	1975
29	77.6	25.3	85.3	29.6	87	30.6	1971	70.0	21.1	68	20.0	1975
30	77.8	25.4	85.0	29.4	88	31.1	1971	70.6	21.4	69	20.6	1975*
31	77.5	25.3	84.9	29.4	87	30.6	1971	70.1	21.2	68	20.0	1975
Monthly	77.5	25.3	85.1	29.5	90	32.2	1971	69.8	21.0	65	18.3	1975*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 1969-1976 YEARS | SEPTEMBER MONTH

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	77.6	25.3	84.9	29.4	88	31.1	1971	70.4	21.3	67	19.4	1975
2	77.8	25.4	85.6	29.8	89	31.7	1971	70.0	21.1	68	20.0	1975*
3	77.7	25.4	85.5	29.7	87	30.6	1972*	70.0	21.1	68	20.0	1975*
4	77.7	25.4	86.1	30.1	88	31.1	1974	69.5	20.8	67	19.4	1975
5	77.1	25.1	84.4	29.1	87	30.6	1974	69.7	20.9	68	20.0	1975*
6	77.0	25.0	84.6	29.2	88	31.1	1971	69.4	20.8	66	18.9	1975
7	76.7	24.8	84.7	29.3	86	30.0	1972*	68.7	20.4	64	17.8	1975
8	78.0	25.6	85.6	29.8	88	31.1	1974*	70.4	21.3	68	20.0	1975*
9	77.5	25.3	85.0	29.4	88	31.1	1971	70.0	21.1	68	20.0	1975*
10	77.4	25.2	85.3	29.6	87	30.6	1971	69.6	20.9	68	20.0	1969
11	77.3	25.2	85.0	29.4	87	30.6	1974*	69.6	20.9	65	18.3	1975
12	77.4	25.2	85.1	29.5	86	30.0	1975*	69.6	20.9	68	20.0	1973*
13	77.3	25.2	84.9	29.4	87	30.6	1974	69.7	20.9	67	19.4	1973
14	77.3	25.2	84.9	29.4	87	30.6	1974	69.7	20.9	68	20.0	1975*
15	78.1	25.6	85.4	29.7	88	31.1	1974	70.7	21.5	67	19.4	1973
16	77.9	25.5	84.7	29.3	86	30.0	1974*	71.1	21.7	68	20.0	1973*
17	77.6	25.3	85.3	29.6	88	31.1	1971	69.9	21.1	67	19.4	1975*
18	78.1	25.6	85.0	29.4	87	30.6	1974	71.1	21.7	70	21.1	1975*
19	77.6	25.3	85.6	29.8	87	30.6	1974*	69.6	20.9	67	19.4	1973*
20	77.8	25.4	85.3	29.6	87	30.6	1974*	70.3	21.3	68	20.0	1973*
21	76.8	24.9	84.6	29.2	87	30.6	1971	69.0	20.6	67	19.4	1975
22	77.3	25.2	85.0	29.4	88	31.1	1971	69.6	20.9	66	18.9	1975
23	77.1	25.1	85.1	29.5	88	31.1	1974	69.1	20.6	67	19.4	1975*
24	77.6	25.3	84.9	29.4	86	30.0	1974*	70.3	21.3	67	19.4	1975
25	77.4	25.2	85.1	29.5	88	31.1	1972	69.7	20.9	67	19.4	1975*
26	77.0	25.0	84.6	29.2	86	30.0	1972*	69.4	20.8	66	18.9	1975
27	77.0	25.0	84.9	29.4	88	31.1	1969	69.1	20.6	68	20.0	1975*
28	77.5	25.3	85.0	29.4	87	30.6	1972*	70.0	21.1	68	20.0	1975*
29	77.3	25.2	85.0	29.4	87	30.6	1971*	69.6	20.9	67	19.4	1969
30	76.4	24.7	84.6	29.2	87	30.6	1971	68.3	20.2	64	17.8	1975
31												
Monthly	77.4	25.2	85.1	29.5	89	31.7	1971	69.8	21.0	64	17.8	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

AVAL WEATHER SERVICE DETACHMENT
SHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
1969-1976 — YEARS
OCTOBER — MONTH

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	76.8	24.9	85.6	29.8	88	31.1	1974	68.0	20.0	66	18.9	1975
2	77.8	25.4	84.9	29.4	88	31.1	1971	70.7	21.5	69	20.6	1972
3	77.3	25.2	84.7	29.3	87	30.6	1972	69.9	21.1	67	19.4	1972
4	77.8	25.4	85.0	29.4	87	30.6	1972*	70.6	21.4	69	20.6	1975*
5	76.9	24.9	84.7	29.3	87	30.6	1970	69.1	20.6	65	18.3	1975
6	77.4	25.2	85.0	29.4	86	30.0	1971*	69.7	20.9	68	20.0	1972
7	77.7	25.4	85.1	29.5	88	31.1	1971	70.3	21.3	68	20.0	1975
8	77.4	25.2	85.0	29.4	87	30.6	1972*	69.7	20.9	66	18.9	1975
9	77.2	25.1	85.0	29.4	87	30.6	1972	69.4	20.8	65	18.3	1975
10	77.6	25.3	84.7	29.3	87	30.6	1972*	70.4	21.3	67	19.4	1975
11	77.4	25.2	84.6	29.2	87	30.6	1972	70.3	21.3	67	19.4	1975
12	76.9	24.9	83.7	28.7	86	30.0	1970	70.0	21.1	67	19.4	1969
13	77.1	25.1	85.0	29.4	87	30.6	1971	69.1	20.6	66	18.9	1975
14	76.9	24.9	85.4	29.7	91	32.8	1971	68.4	20.2	67	19.4	1973*
15	77.1	25.1	84.7	29.3	88	31.1	1971	69.4	20.8	68	20.0	1973*
16	76.7	24.8	84.1	28.9	86	30.0	1972*	69.3	20.7	66	18.9	1975
17	77.4	25.2	85.1	29.5	87	30.6	1972*	69.6	20.9	66	18.9	1975
18	77.2	25.1	84.8	29.3	88	31.1	1970	69.1	20.6	65	18.3	1969
19	76.7	24.8	84.5	29.2	86	30.0	1974*	69.0	20.6	67	19.4	1969
20	77.2	25.1	84.6	29.2	88	31.1	1970	69.3	20.7	67	19.4	1973
21	76.2	24.6	84.3	29.1	86	30.0	1973*	68.2	20.1	66	18.9	1975*
22	76.4	24.7	85.0	29.4	87	30.6	1971	67.8	19.9	66	18.9	1975*
23	76.4	24.7	84.4	29.1	86	30.0	1972*	68.2	20.1	66	18.9	1975
24	75.9	24.4	84.1	28.9	87	30.6	1974	67.7	19.8	66	18.9	1973
25	75.9	24.4	84.0	28.9	86	30.0	1970	67.7	19.8	66	18.9	1975*
26	76.0	24.4	84.3	29.1	86	30.0	1974*	67.7	19.8	66	18.9	1975*
27	76.1	24.5	83.3	28.5	87	30.6	1970	69.0	20.6	67	19.4	1975*
28	75.3	24.1	82.3	27.9	86	30.0	1970	69.3	20.2	64	17.8	1975*
29	75.1	23.9	83.1	28.4	86	30.0	1974*	67.1	19.5	64	17.8	1975
30	75.4	24.1	83.1	28.4	87	30.6	1974	67.7	19.8	65	18.3	1972
31	75.8	24.3	82.9	28.3	85	29.4	1974	68.7	20.4	64	17.8	1975
Monthly	76.7	24.8	84.4	29.1	91	32.8	1971	69.0	20.6	64	17.8	1975*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 1969-1976 (YEARS) | NOVEMBER (MONTH)

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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	75.4	24.1	83.1	28.4	86	30.0	1974	67.7	19.8	66	18.9	1975*
2	75.5	24.2	83.4	28.6	85	29.4	1972	67.7	19.8	65	18.3	1969
3	75.2	24.0	83.6	28.7	86	30.0	1970	66.9	19.4	64	17.8	1975
4	75.6	24.2	83.0	28.3	86	30.0	1971	68.3	20.2	66	18.9	1975
5	75.4	24.1	83.9	28.8	86	30.0	1969	66.9	19.4	66	18.9	1975*
6	76.3	24.6	83.9	28.8	87	30.6	1969	68.7	20.4	65	18.3	1975
7	75.6	24.2	83.0	28.3	86	30.0	1970	68.1	20.1	66	18.9	1969
8	75.5	24.2	84.0	28.9	86	30.0	1971	67.0	19.4	65	18.3	1975
9	75.1	23.9	82.4	28.0	85	29.4	1970	67.7	19.8	65	18.3	1975*
10	75.1	23.9	82.6	28.1	85	29.4	1970	67.7	19.8	65	18.3	1975
11	74.9	23.8	83.0	28.3	86	30.0	1970	66.7	19.3	65	18.3	1972
12	74.1	23.4	82.0	27.8	84	28.9	1970	66.3	19.1	64	17.8	1975*
13	73.7	23.2	81.7	27.6	84	28.9	1971	65.7	18.7	63	17.2	1975*
14	73.9	23.3	81.3	27.4	83	28.3	1971	66.6	19.2	65	18.3	1975*
15	74.4	23.6	82.1	27.8	85	29.4	1971	66.6	19.2	61	16.1	1973
16	75.1	23.9	82.3	27.9	85	29.4	1970	68.0	20.0	63	17.2	1972
17	74.3	23.5	81.4	27.4	85	29.4	1971	67.1	19.5	65	18.3	1974
18	74.6	23.7	82.0	27.8	84	28.9	1974*	67.2	19.6	65	18.3	1975
19	74.2	23.4	81.3	27.4	85	29.4	1970	67.1	19.5	64	17.8	1975
20	73.6	23.1	80.1	26.7	85	29.4	1971	67.0	19.4	63	17.2	1975*
21	74.1	23.4	81.0	27.2	84	28.9	1971	67.1	19.5	63	17.2	1975
22	73.6	23.1	81.4	27.6	85	29.4	1975	65.7	18.7	63	17.2	1975*
23	73.5	23.1	80.7	27.1	83	28.3	1971	66.3	19.1	63	17.2	1975*
24	73.6	23.1	80.7	27.1	84	28.9	1971	66.6	19.2	64	17.8	1975
25	73.6	23.1	80.6	27.0	83	28.3	1971	66.6	19.2	64	17.8	1969
26	73.6	23.1	80.7	27.1	85	29.4	1971	66.4	19.1	61	16.1	1969
27	73.5	23.1	81.1	27.3	86	30.0	1971	65.9	18.8	61	16.1	1969
28	73.4	23.0	80.1	26.7	83	28.3	1971*	66.7	19.3	60	15.6	1969
29	73.2	22.9	80.4	26.9	83	28.3	1970	66.0	18.9	59	15.0	1969
30	73.9	23.3	80.7	27.1	84	28.9	1971*	67.0	19.4	65	18.3	1972
31												
Monthly	74.4	23.6	81.9	27.7	87	30.6	1969	67.0	19.4	59	15.0	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

5125 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 (STATION) | BARKING SANDS, HAWAII (STATION NAME) | 1968-1976 (YEARS) | DECEMBER (MONTH)

	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	73.5	23.1	80.7	27.1	84	28.9	1971	66.2	19.0	61	16.1	1972
2	73.7	23.2	80.4	26.9	84	28.9	1971	67.0	19.4	64	17.8	1975
3	74.1	23.4	81.1	27.3	86	30.0	1971	67.0	19.4	63	17.2	1972
4	72.7	22.6	81.0	27.2	86	30.0	1971	64.4	18.0	58	14.4	1968
5	72.3	22.4	80.9	27.2	87	30.6	1971	63.7	17.6	58	14.4	1968
6	72.9	22.7	81.4	27.4	87	30.6	1971	64.5	18.1	58	14.4	1968
7	72.4	22.4	81.0	27.2	88	31.1	1971	63.9	17.7	61	16.1	1969
8	73.9	23.3	80.4	26.9	87	30.6	1971	67.5	19.7	64	17.8	1973*
9	73.1	22.8	80.5	26.9	88	31.1	1971	65.7	18.7	59	15.0	1972
10	72.8	22.7	80.2	26.8	84	28.9	1970*	65.4	18.6	62	16.7	1975
11	72.4	22.4	81.1	27.3	85	29.4	1971*	63.7	17.6	60	15.6	1971
12	71.7	22.1	79.1	26.2	84	28.9	1970	64.4	18.0	59	15.0	1972
13	72.1	22.3	80.6	27.0	86	30.0	1970	63.5	17.5	60	15.6	1971*
14	72.6	22.6	81.1	27.3	88	31.1	1970	64.0	17.8	60	15.6	1969*
15	71.8	22.1	79.4	26.3	86	30.0	1970	64.2	17.9	59	15.0	1969
16	71.5	21.9	79.5	26.4	84	28.9	1970	63.5	17.5	60	15.6	1969
17	71.2	21.8	78.2	25.7	85	29.4	1970	64.1	17.8	59	15.0	1969
18	72.3	22.4	79.5	26.4	84	28.9	1974*	65.1	18.4	60	15.6	1973
19	71.6	22.0	78.4	25.8	83	28.3	1970	64.7	18.2	60	15.6	1975
20	71.0	21.7	79.7	26.5	87	30.6	1970	62.2	16.8	53	11.7	1969
21	70.7	21.5	79.9	26.6	87	30.6	1970	61.6	16.4	53	11.7	1969
22	72.4	22.4	80.6	27.0	86	30.0	1970	64.1	17.8	60	15.6	1971
23	71.8	22.1	79.2	26.2	82	27.8	1970*	64.4	18.0	61	16.1	1969
24	72.3	22.4	80.0	26.7	85	29.4	1970	64.6	18.1	60	15.6	1975
25	71.9	22.2	80.0	26.7	84	28.9	1969	63.7	17.6	61	16.1	1975
26	71.2	21.8	79.1	26.2	83	28.3	1970	63.2	17.3	58	14.4	1968
27	71.1	21.7	79.1	26.2	85	29.4	1970	63.1	17.3	60	15.6	1973
28	70.4	21.3	79.0	26.1	84	28.9	1970	61.9	16.6	58	14.4	1968
29	69.9	21.1	78.9	26.1	82	27.8	1970	61.3	16.3	57	13.9	1968
30	71.1	21.7	79.1	26.2	82	27.8	1974*	63.0	17.2	56	13.3	1968
31	71.2	21.8	78.6	25.9	83	28.3	1974	63.7	17.6	61	16.1	1971
Monthly	72.1	22.3	79.9	26.6	88	31.1	1971*	64.2	17.9	53	11.7	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 68-76 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68												84	
69			87	84	86	91	91	88	88	86	87	84	
70	81	82	83	86	85	86	86		87	88	86	88	
71	83	86	85	86	87	88	90	90	89	91	86	88	91
72	80	82	83	83	83	85	84	87	88	87	85	80	88
73	83		87	87	87	86	88				83	82	
74	83	84	83	86	89	85	86	88		88	86	85	
75	84	82	82	83	86	86	87	85	86		85	81	
76	79	83											
MEAN	81.9	83.2	84.3	85.0	86.1	86.7	87.4	87.6	87.6	88.0	85.4	84.0	89.5
S. D.	1.864	1.602	2.059	1.633	1.864	2.138	2.440	1.817	1.140	1.871	1.272	2.976	
TOTAL OBS.	217	170	217	210	217	210	217	155	150	155	210	248	2376

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 68-76 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
69	82	84											MAX TEMP
	27	25											DAYS
70								86					MAX TEMP
								29					DAYS
73		85						88	87	86			MAX TEMP
		17						30	29	30			DAYS
74									88				MAX TEMP
									31				DAYS
75										85			MAX TEMP
										29			DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 68-76 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
68												56	
69				58	61	65	68	68	67	65	59	53	
70	57	54	60	62	61	64	67		67	66		61	
71	57	64	62	64	64	(5	68	68	67	67	63	60	57
72	60	55	57		61	65	66		69	65	62	58	
73	58		63	59	65	65	66				61		
74	62	61	61	63	64	65	65	68			65	62	
75	61	59	59	62	61	63	66	65	64		63	60	
76	56	57											
MEAN	58.7	58.3	60.3	61.3	62.4	64.6	66.6	67.3	66.8	65.8	62.2	58.6	57.0
S. D.	2.289	3.777	2.160	2.338	1.813	.787	1.134	1.500	1.789	.957	2.041	3.155	
TOTAL OBS.	217	170	186	180	217	210	217	124	150	124	180	217	2192

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 68-76 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
69	54 27	57 25	55 30										MIN TEMP DAYS
70								67 25			65 28		MIN TEMP DAYS
72				60 28				65 30					MIN TEMP DAYS
73		59 14						68 30	67 28	64 29		60 30	MIN TEMP DAYS
74									69 31	67 30			MIN TEMP DAYS
75										64 29			MIN TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

PSYCHROMETRIC SUMMARY

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
73-76 — YEARS
JAN — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83										.2								1	1		
82/ 81					.7	.3	.2	.2										8	8		
80/ 79				1.1	1.0	2.9	1.8	.2										43	45		
78/ 77			1.3	3.8	3.8	2.5	1.1	.7										80	80		
76/ 75		.3	5.6	5.9	3.4	2.0	1.0	.2										112	116		
74/ 73		1.0	3.4	4.4	1.5	.8	.3											70	75	42	3
72/ 71		2.6	3.3	4.1	.3	.3	.3											67	68	87	37
70/ 69	.2	2.5	3.1	2.3	.3	.2	.2											53	53	112	76
68/ 67	.2	2.9	4.4	4.3	.5	.7												79	79	111	78
66/ 65		2.5	2.5	1.6	.7	.2												45	45	87	86
64/ 63		3.9	1.1	1.1	.2													39	39	75	95
62/ 61		1.0	.5	.2	.2													11	11	53	88
60/ 59		.2	.2	.2														3	3	25	55
58/ 57																				15	48
56/ 55																				4	24
54/ 53																					9
52/ 51																					5
50/ 49																					6
48/ 47																					1
TOTAL	.3	16.9	25.4	29.0	12.4	9.8	4.9	1.1		.2									623		611
																		611		611	

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.	3020542	46476	76.1	11.826	611							
Dry Bulb	3266087	45001	72.2	4.998	623			627.0	388.1	37.0		744.0
Wet Bulb	2742578	40860	66.9	4.070	611			428.6	51.1			744.0
Dew Point	2502908	38996	63.8	4.800	611			236.2	17.0			744.0

5605 PSYCHROMETRIC SUMMARY JAN 68

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2

PSYCHROMETRIC SUMMARY

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
73-76 — YEARS
FEB — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83							.3											2	3		
82/ 81						.8	1.4	.5										17	17		
80/ 79					.6	4.8	2.6	.3	.2									55	58		
78/ 77				.8	5.1	4.6	4.2	.8	.2									101	101		
76/ 75				1.1	2.0	3.4	2.5	.8										63	63		
74/ 73		.2	.5	2.9	1.7	1.1	.5											44	44	1	
72/ 71		.3	2.0	4.3	2.2	.8	.2											63	65	41	2
70/ 69		1.1	5.0	2.3	1.7	.3	.2											68	70	84	7
68/ 67		.9	6.5	5.4	1.7	.3												96	101	125	35
66/ 65		.6	2.5	7.1	3.1													86	86	116	92
64/ 63		.3	2.2	3.1	1.1													44	49	97	109
62/ 61	.2	.3		.2														5	5	75	105
60/ 59			.2															1	1	78	91
58/ 57		.2																1	1	27	74
56/ 55																				2	70
54/ 53																					40
52/ 51																					19
50/ 49																					2
TOTAL	.2	4.2	18.7	27.2	19.2	16.1	11.8	2.3	.3									646	664	646	646

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.	3101804	44630	69.1	11.029	646			920.3	289.4	41.3		672.0
Dry Bulb	3437491	47641	71.7	5.398	664			261.1	1.0			672.0
Wet Bulb	2731512	41934	64.9	3.825	646			45.8	1.0			672.0
Dew Point	2392686	39218	60.7	4.277	646							

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5 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | MAR MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
88/ 87									.1									1	1		
86/ 85								.1										1	1		
84/ 83						.1	.5	.4		.1								9	9		
82/ 81					.1	.8	3.1	.7										35	35		
80/ 79				.5	1.3	4.5	2.4	.8										71	71		
78/ 77			.1	.8	3.4	4.3	3.0	.7										91	91		
76/ 75			1.1	2.6	2.8	1.9	1.6											74	74		
74/ 73		.1	1.6	2.7	1.1	.7	.3											48	48	12	
72/ 71		.8	3.0	4.7	1.3	1.3												83	83	65	7
70/ 69	.1	.9	5.0	3.4	1.6	.8	.3											90	90	122	26
68/ 67		1.2	6.1	3.5	2.0	.7												100	100	132	68
66/ 65	.1	1.2	4.2	6.3	.7	.1												94	94	135	104
64/ 63	.1	.3	.8	2.4	.4													32	32	96	141
62/ 61			.1	.5	.5													9	9	87	118
60/ 59			.3															2	2	61	83
58/ 57																				23	83
56/ 55																				5	69
54/ 53																				2	22
52/ 51	.1																	1	1	1	10
50/ 49																					8
48/ 47																					2
TOTAL	.5	4.9	22.3	27.5	15.4	15.2	11.2	2.7	.1	.1									741		741
																		741		741	

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.	3785779	52281	70.6	11.455	741							
Dry Bulb	3886234	53506	72.2	9.536	741			605.4	331.3	80.3		744.0
Wet Bulb	3198270	48592	69.6	8.991	741			332.3	12.0			744.0
Dew Point	2833587	45703	61.7	4.463	741			101.4				744.0

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5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
73-75 — YEARS
APR — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83						.4	1.1	1.1	.9									19	19		
82/ 81					.4	2.3	7.5	2.1										69	69		
80/ 79					1.6	6.1	4.1	1.4										74	74		
78/ 77				.7	5.3	8.0	2.3											92	92		
76/ 75			.2	2.3	6.1	2.5	.9	.4										69	69		
74/ 73			.5	4.1	2.1	1.1	.7	.2										49	49	7	
72/ 71			2.1	4.5	2.7	2.0	.4											65	65	50	
70/ 69			3.0	4.5	3.9	1.4	.5											75	75	150	5
68/ 67			1.4	2.1	2.1	.4												34	34	145	44
66/ 65			.7	.9	.7													13	13	79	100
64/ 63			.2		.2													2	2	63	141
62/ 61																				43	106
60/ 59																				20	69
58/ 57																				3	54
56/ 55																				1	24
54/ 53																					15
52/ 51																					7
50/ 49																					3
TOTAL			8.2	19.1	25.1	24.1	17.5	5.2	.9									561	561		568
																		561		561	

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.	2363142	36034	64.2	9.317	561							
Dry Bulb	3191660	42232	75.3	4.713	561			700.7	471.4	188.8		720.0
Wet Bulb	2516217	37527	66.9	3.251	561			451.8	9.0			720.0
Dew Point	2193662	35236	62.0	3.706	568			62.1				720.0

NAVWEASERVCOM

DD FORM 1 JAN 68 PSYCHROMETRIC SUMMARY

PSYCHROMETRIC SUMMARY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | MAY MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
88/ 87											.2							1	1		
84/ 83							2.1	1.0	.2									19	19		
82/ 81					.2	4.7	9.5	.5										86	86		
80/ 79					1.4	14.5	3.5	.3										114	114		
78/ 77				.5	10.0	5.9	1.6	.2										105	105		
76/ 75			.3	2.2	5.2	1.9	.5											59	59		
74/ 73			.5	2.8	2.6	.7	.2											39	39	3	
72/ 71			1.2	5.0	1.2	.3	.2											46	46	99	
70/ 69			3.5	6.6	2.6													73	73	209	4
68/ 67			1.7	3.6														31	31	98	54
66/ 65			.2	.7														5	5	80	178
64/ 63																				67	141
62/ 61																				20	108
60/ 59																				2	60
58/ 57																					25
56/ 55																					6
54/ 53																					2
TOTAL			7.4	21.5	23.2	28.0	17.5	2.1	.2		.2							578	578		578
																		578		578	

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.	2503909	37743	65.3	8.254	578							
Dry Bulb	3365917	44027	76.2	4.621	578			737.6	544.5	218.8		744.0
Wet Bulb	2672837	39271	67.9	2.839	578			526.5	9.9			744.0
Dew Point	2328867	36655	63.4	2.735	578			74.7				744.0

NAVWEASERVCOM

5605 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | JUN 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
86/ 85							.2	.2										2	2		
84/ 83						.2	2.6	.6										21	21		
82/ 81					.3	5.0	11.0	.5										105	105		
80/ 79				.3	2.6	12.3	3.6	.2										117	119		
78/ 77			.3	.6	5.4	7.9	1.9											119	121		
76/ 75			.3	1.9	6.0	1.1	.5											61	71		
74/ 73			.8	3.4	2.3	1.1	.2											48	55	20	
72/ 71			1.8	4.2	2.3	.6												55	59	126	2
70/ 69		.2	3.2	4.0	2.7													63	72	197	23
68/ 67			1.3	1.6	.2													19	24	128	79
66/ 65	.2		.2	.8														7	8	68	148
64/ 63	.2																	1	1	56	193
62/ 61	.2																	1	1	23	83
60/ 59																				1	56
58/ 57																					30
56/ 55																					6
TOTAL	.5	.2	7.9	17.0	24.7	28.3	19.9	1.6										619	659	619	620

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.	2092409	40473	65.4	8.637	619							
Dry Bulb	3831954	50294	76.3	4.343	659			709.1	539.7	215.2		720.0
Wet Bulb	2693098	42282	68.3	2.828	619			547.9	23.3			720.0
Dew Point	2529368	39580	63.8	2.894	620			120.6				720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMM[illegible] JAN 68

PSYCHROMETRIC SUMMARY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | JUL MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
88/ 87								.2										1	1		
86/ 85							.4	1.1	.4									10	10		
84/ 83						.9	5.5	5.5	.4									69	69		
82/ 81					.5	5.9	10.2	2.1	.2									106	106		
80/ 79				.2	3.8	11.8	2.7	.4	.2									106	106		
78/ 77			.2	2.1	5.0	4.3	1.4	.4										75	75		
76/ 75		.2	.5	1.6	1.4	.9												26	26		
74/ 73			.9	4.1	3.6	.9	.9											58	58	35	
72/ 71			2.1	4.8	1.8	1.3												56	56	149	4
70/ 69			.9	3.0	2.1	.4		.2										37	37	162	20
68/ 67	.2		.4	.5	.7	.2												11	11	90	94
66/ 65	.2																	1	1	64	152
64/ 63	.2																	1	1	41	135
62/ 61	.2																	1	1	11	79
60/ 59																				5	33
58/ 57	.2																	1	1	2	22
56/ 55																					12
54/ 53																					7
48/ 47																					1
TOTAL	.9	.2	5.0	16.5	19.0	26.5	21.1	9.8	1.1									559		559	559
																		559		559	

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.	2303931	35469	63.5	9.782	559							
Dry Bulb	3388528	43442	77.7	4.730	559			738.7	600.3	340.7		744.0
Wet Bulb	2630656	38496	68.8	3.024	559			580.3	46.6			744.0
Dew Point	2292281	35747	63.9	3.367	559			157.1	2.7			744.0

5285 PSYCHROMETRIC SUMMA JAN 68

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PSYCHROMETRIC SUMMARY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) AUG (MONTH)

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.4											2	2		
86/ 85						.2	.9	1.1	.2									13	13		
84/ 83					.7	2.5	10.8	2.4	.7									95	95		
82/ 81					2.0	9.4	6.3	.4										100	100		
80/ 79				.7	3.4	9.9	1.8	.4										90	90		
78/ 77			.2	1.3	5.8	3.1	.7	.2										62	62		
76/ 75				4.0	4.0	1.1	.2											51	51	7	
74/ 73			.5	4.3	4.3	1.3	.4											60	60	74	
72/ 71				5.2	4.3	.9												58	58	163	12
70/ 69				1.8	1.3													17	17	131	34
68/ 67	.2																	1	1	70	128
66/ 65	.4																	2	2	70	151
64/ 63																				27	99
62/ 61	.2																	1	1	10	69
60/ 59	.2																	1	1	1	40
58/ 57																					13
56/ 55																					6
54/ 53																					1
TOTAL	.9		.7	17.4	25.9	28.4	21.5	4.3	.9									553	553		553
																		553		553	

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.	2900074	35388	64.0	8.019	553							
Dry Bulb	3398418	43280	78.3	4.494	553			738.6	630.4	370.0		744.0
Wet Bulb	2675107	38427	69.5	2.973	553			598.7	109.0			744.0
Dew Point	2328812	35844	64.8	3.156	553			234.1	1.3			744.0

5 PSYCHROMETRIC SUMMA JAN 68

PSYCHROMETRIC SUMMARY

2501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 YEARS | SEP MONTH

PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 87							.2	.3	.2									4	4		
86/ 85						.8	1.5	.5										18	18		
84/ 83						7.0	4.8	.8	.2									82	82		
82/ 81					3.2	8.0	4.5	.2										103	103		
80/ 79				.8	6.2	7.4	1.3	.2										104	105		
78/ 77			.2	3.9	4.9	1.2	1.2											74	74		
76/ 75			2.0	4.6	4.0	.9	.2											76	76	12	
74/ 73			1.5	8.7	3.1	.8	.2											92	92	128	
72/ 71			1.4	2.8	3.6	1.5												60	60	169	14
70/ 69		.2	1.1	1.1	1.7	.6												30	31	129	121
68/ 67	.2	.2		.2	.2													4	4	110	166
66/ 65																				46	138
64/ 63																				41	97
62/ 61																				12	39
60/ 59																					36
58/ 57																					27
56/ 55																					8
54/ 53																					1
TOTAL	.2	.3	6.2	21.9	26.9	28.3	14.1	1.9	.3									647	649		647
																		647		647	

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.	2924800	43176	66.7	8.210	647							
Dry Bulb	3939608	50484	77.8	4.407	649			720.0	614.6	299.5		720.0
Wet Bulb	3156679	45147	69.8	3.139	647			609.8	159.8			720.0
Dew Point	2790446	42430	65.6	3.497	647			339.0	1.1			720.0

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PSYCHROMETRIC SUMMARY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (YEARS) OCT (MONTH)

PAGE 1

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
90/ 89								.2										1	1		
86/ 85						.2	.9	.6										11	11		
84/ 83					.3	4.4	5.0	.2	.2									66	66		
82/ 81				.2	3.6	5.9	4.0	.3										92	92		
80/ 79			.2	2.0	6.7	5.2	.3											94	94		
78/ 77		.3	.9	4.3	3.6	.6	.2											66	66		
76/ 75			2.7	4.9	4.1	.5	.3											82	82	10	1
74/ 73		.5	4.7	7.1	1.8	.3												95	95	138	3
72/ 71	.2	.9	2.9	7.6	2.0													89	89	172	31
70/ 69		.8	3.6	1.8	1.1													48	48	137	134
68/ 67	.2		1.2	.5														12	12	92	173
66/ 65			.2	.2														2	2	70	136
64/ 63																				37	88
62/ 61																				1	53
60/ 59																				1	34
58/ 57																					4
56/ 55																					1
TOTAL	.3	2.4	16.4	28.4	23.4	17.0	10.6	1.2	.2										658		658
																		658		658	

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.	3363489	46649	70.9	9.256	658			741.7	573.3	262.3		744.0
Dry Bulb	3892162	50516	76.8	4.607	658			620.8	167.3			744.0
Wet Bulb	3217330	45970	69.9	3.001	658			380.7	10.1			744.0
Dew Point	2899963	43633	66.3	3.167	658							

NAVWEASERVCOM

0505 PSYCHROMETRIC SUMMARY [redacted] JAN 68

PSYCHROMETRIC SUMMARY

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
73-75 — YEARS
NOV — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83					.2		1.6	.2										9	9		
82/ 81					.9	3.5	3.3											33	33		
80/ 79				.7	4.9	6.3	1.4	.7	.2	.5								63	63		
78/ 77			.7	3.0	5.6	2.3	.5	.7										55	55		
76/ 75			1.4	3.7	1.4	.9		.2										33	33	1	
74/ 73		.2	4.7	4.0	2.1	.5	.5											51	51	22	1
72/ 71	.5	2.3	8.1	6.3	1.2	.5	.2											82	82	89	12
70/ 69		2.8	6.7	3.0	.9	.9												62	62	104	43
68/ 67		.7	5.1	3.3	.2	.2												41	41	84	92
66/ 65				.2														1	1	69	97
64/ 63																				42	81
62/ 61																				15	52
60/ 59																				4	23
58/ 57																					10
56/ 55																					6
54/ 53																					9
52/ 51																					3
50/ 49																					1
TOTAL	.5	6.0	26.7	24.2	17.4	15.1	7.4	1.9	.2	.5								430	430		430
																		430		430	

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.	2331413	31277	72.7	11.467	430							
Dry Bulb	2390262	32002	74.4	4.469	430			716.3	408.6	128.9		720.0
Wet Bulb	2001318	29306	68.2	3.133	430			502.3	38.5			720.0
Dew Point	1805977	27817	64.7	3.885	430			247.8	11.7			720.0

NAVWEASERVCOM

5285 PSYCHROMETRIC SUMMA[illegible] JAN 68

PSYCHROMETRIC SUMMARY

22501 — STATION
BARKING SANDS, HAWAII — STATION NAME
73-75 — YEARS
DEC — MONTH
PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
82/ 81							1.6	.9	.2									12	12		
80/ 79				.2	1.6	5.4	3.2	.2										47	50		
78/ 77			.2	2.9	3.2	1.1	1.6											40	45		
76/ 75			1.8	2.7	1.4	.7	2.3											39	47		
74/ 73			1.8	2.7	.9	2.0	1.4											39	44	8	
72/ 71			3.8	1.8	2.7	.2												38	45	35	3
70/ 69		.9	6.5	4.7	3.2	2.3	.2											79	90	78	20
68/ 67		1.4	5.6	8.4	1.8	.5												78	93	50	48
66/ 65		1.1	2.9	5.9	1.4													50	57	81	51
64/ 63	.2	.5	.9	1.6														14	17	64	71
62/ 61	.2	.5	.2	.5														6	7	81	48
60/ 59	.2																	1	1	36	73
58/ 57																				9	68
56/ 55																				1	33
54/ 53																					18
52/ 51																					9
50/ 49																					1
TOTAL	.7	4.3	23.9	31.4	16.0	12.2	10.2	1.1	.2									443	508		443
																		443		443	

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.	2914974	31644	71.4	11.115	443							
Dry Bulb	2610566	36328	71.5	9.001	508			629.9	290.0	91.3		744.0
Wet Bulb	1896190	28932	65.3	3.882	443			287.2	13.4			744.0
Dew Point	1684695	27245	61.5	4.536	443			119.2	1.7			744.0

NAVWEASERVCOM

0105 PSYCHROMETRIC SUMMARY JAN 68

PSYCHROMETRIC SUMMARY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS) ALL (MONTH)

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89								.0										1	1		
88/ 87							.0	.0	.0		.0							9	9		
86/ 85						.1	.3	.3	.0									55	55		
84/ 83					.1	1.4	2.9	1.0	.2	.0								392	393		
82/ 81				.0	1.0	3.9	5.2	.7	.0									766	766		
80/ 79			.0	.6	2.9	7.5	2.4	.4	.0	.0								978	989		
78/ 77		.0	.3	2.0	5.3	3.9	1.7	.3	.0									960	967		
76/ 75		.0	1.3	3.1	3.0	1.5	.8	.1										745	767	30	1
74/ 73		.2	1.8	4.3	2.2	.9	.4	.0										693	710	490	7
72/ 71	.0	.6	2.5	4.6	2.1	.8	.1											762	776	1245	124
70/ 69	.0	.7	3.4	3.2	1.9	.5	.1	.0										695	718	1615	513
68/ 67	.1	.6	2.8	2.7	.8	.2												506	531	1235	1059
66/ 65	.1	.5	1.2	2.1	.6	.0												306	314	965	1433
64/ 63	.1	.5	.5	.7	.2													133	141	706	1391
62/ 61	.1	.2	.1	.1	.1													34	35	431	948
60/ 59	.0	.0	.1	.0														8	8	234	653
58/ 57	.0	.0																2	2	79	458
56/ 55																				13	265
54/ 53																				2	124
52/ 51	.0																	1	1	1	53
50/ 49																					21
48/ 47																					4
TOTAL	.4	3.3	13.9	23.5	20.8	20.8	14.0	2.9	.4	.1	.0								7183		7054
																		7046		7046	

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.	33066262	481240	68.3	10.640	7046							
Dry Bulb	40618887	538753	75.0	5.411	7183			8189.3	3693.0	2212.3		8760.0
Wet Bulb	32352192	476704	67.7	3.773	7046			5747.3	630.9			8760.0
Dew Point	28583252	448084	63.5	4.126	7054			2120.9	54.6			8760.0

NAVWEASERVCOM

5-45 PSYCHROMETRIC SUMMARY JAN 68

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	71.0	66.8	67.2	69.5	70.1	70.6	70.9	73.0	72.6	71.7	69.9	67.6	69.9
	S. D.	3,856	2,621	2,934	1,842	1,825	1,914	8,835	1,633	1,693	1,890	2,403	2,332	3,982
	TOTAL OBS	31	71	92	59	61	60	62	61	58	59	30	60	704
05	MEAN	70.6	66.4	66.6	69.2	69.1	69.7	70.7	69.4	71.8	71.4	69.3	67.1	69.0
	S. D.	3,880	2,543	3,164	2,137	1,990	2,015	2,834	2,683	1,849	2,166	2,294	2,766	4,787
	TOTAL OBS	31	71	92	59	61	60	62	61	58	59	30	61	705
08	MEAN	67.8	67.6	70.0	74.6	77.6	77.5	78.8	78.5	77.7	76.0	71.7	67.7	73.7
	S. D.	4,444	3,088	3,011	2,674	1,762	2,215	1,992	2,209	2,580	2,807	2,324	2,434	5,166
	TOTAL OBS	94	100	93	82	83	90	83	83	89	91	68	72	1028
11	MEAN	76.1	76.5	77.2	78.7	79.3	79.3	80.9	81.3	81.5	81.1	78.7	76.6	78.9
	S. D.	2,720	2,513	3,249	2,397	1,685	2,444	1,349	1,709	2,106	1,995	2,463	2,715	3,025
	TOTAL OBS	94	100	93	82	83	90	83	82	89	91	68	73	1028
14	MEAN	76.8	77.9	78.5	79.9	80.7	80.8	82.3	82.5	82.3	81.8	79.0	77.2	80.0
	S. D.	2,881	2,350	3,144	2,498	1,883	2,297	2,231	2,663	2,396	2,228	2,972	2,707	3,217
	TOTAL OBS	94	100	93	82	83	90	83	82	89	90	68	71	1025
17	MEAN	75.3	77.1	77.2	79.4	80.1	80.2	82.0	82.8	81.7	80.9	77.9	76.4	79.2
	S. D.	2,784	2,501	3,702	2,694	2,030	1,821	2,322	1,707	2,214	2,379	2,861	3,247	3,427
	TOTAL OBS	93	80	93	82	83	90	62	62	89	90	49	49	922
20	MEAN	69.9	70.7	72.1	75.2	76.1	76.4	78.1	78.9	77.2	75.1	72.8	70.4	74.3
	S. D.	3,326	2,305	3,173	2,202	1,628	1,935	1,773	2,231	2,104	1,819	1,888	2,046	3,767
	TOTAL OBS	93	71	93	57	62	90	62	61	89	90	59	61	888
23	MEAN	68.4	67.7	68.7	71.2	71.8	71.9	74.0	74.6	73.6	72.4	70.9	68.6	71.1
	S. D.	4,025	2,275	2,989	2,345	1,825	2,757	1,824	2,529	1,976	2,171	1,971	2,901	3,437
	TOTAL OBS	93	71	92	58	62	89	62	61	88	88	58	61	883
ALL HOURS	MEAN	72.2	71.7	72.2	75.3	76.2	76.3	77.6	78.0	77.8	76.8	74.4	71.5	75.0
	S. D.	4,999	5,398	5,536	4,713	4,622	4,544	5,592	6,414	4,408	4,607	4,469	5,002	5,604
	TOTAL OBS	623	664	741	561	578	659	559	553	649	658	430	508	7183

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22501 STATION — BARKING SANDS, HAWAII STATION NAME — 73-76 YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	66.3	61.9	62.6	63.5	64.5	65.0	65.6	66.1	66.3	66.0	66.1	62.6	64.5
	S. D.	4,714	3,173	3,511	2,602	1,659	1,899	2,771	2,170	2,531	2,406	2,638	2,869	3,243
	TOTAL OBS	29	69	92	59	61	52	61	61	58	59	30	51	682
05	MEAN	65.7	61.4	62.0	63.3	63.8	64.7	64.7	64.5	65.4	66.5	65.1	62.3	63.9
	S. D.	4,712	3,011	3,607	2,525	1,846	2,212	2,440	8,450	2,294	2,361	2,596	3,008	3,979
	TOTAL OBS	29	67	92	59	61	52	62	60	58	59	30	52	681
08	MEAN	64.3	62.7	65.2	67.1	68.9	69.0	69.6	70.0	69.4	69.7	66.9	63.3	67.2
	S. D.	4,207	2,965	3,246	2,347	1,817	1,749	2,079	1,919	2,174	2,435	2,717	2,725	3,679
	TOTAL OBS	93	98	93	82	83	88	83	83	89	91	68	66	1017
11	MEAN	68.9	67.4	68.1	68.8	69.6	69.8	70.6	71.3	71.9	72.2	70.3	68.8	69.8
	S. D.	2,922	2,624	2,718	2,169	1,284	1,685	1,380	1,475	1,633	1,342	2,435	2,749	2,581
	TOTAL OBS	93	98	93	82	83	88	83	82	89	91	68	66	1016
14	MEAN	69.3	68.3	68.8	69.3	70.2	70.5	71.0	71.8	72.4	72.5	70.6	68.6	70.3
	S. D.	2,779	2,370	2,467	2,067	1,204	1,212	1,092	1,562	1,337	1,392	2,053	2,883	2,414
	TOTAL OBS	93	98	93	82	83	88	83	82	89	90	68	64	1013
17	MEAN	68.7	67.8	68.3	69.1	70.1	70.4	71.2	72.0	72.2	72.1	69.8	67.8	70.0
	S. D.	2,840	2,292	2,530	1,875	1,259	1,181	1,148	1,294	1,357	1,395	2,305	3,025	2,493
	TOTAL OBS	92	80	93	82	83	88	62	62	89	90	49	42	912
20	MEAN	65.9	65.0	65.9	67.1	68.4	68.4	69.3	70.1	70.4	69.4	67.5	64.8	67.7
	S. D.	3,468	2,564	3,269	2,453	1,690	1,984	1,761	1,866	1,955	1,986	2,480	2,873	3,081
	TOTAL OBS	91	69	93	57	62	82	62	61	88	90	59	51	865
23	MEAN	64.6	62.6	63.6	64.4	65.5	65.6	66.8	67.4	67.3	67.5	66.1	63.4	65.4
	S. D.	3,942	2,903	3,378	2,569	1,853	2,591	2,466	2,422	2,391	2,244	2,615	3,079	3,219
	TOTAL OBS	91	67	92	58	62	81	62	61	87	88	58	51	858
ALL HOURS	MEAN	66.9	64.9	65.6	66.9	67.9	68.3	68.8	69.4	69.8	69.9	68.2	65.3	67.6
	S. D.	4,071	3,825	3,991	3,252	2,839	2,828	3,025	4,132	3,140	3,001	3,133	3,883	3,854
	TOTAL OBS	611	646	741	561	578	619	558	552	647	658	430	443	7044

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5707 MEANS AND STANDARD DEVIATIONS JAN 68

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	63.4	58.4	59.7	59.6	61.2	61.6	61.8	62.0	62.7	63.7	63.8	59.3	61.1
	S. D.	6,015	4,171	4,604	3,833	2,088	2,585	3,555	3,055	3,510	3,358	3,326	3,761	4,069
	TOTAL OBS	29	69	92	60	61	52	61	61	58	59	30	51	683
05	MEAN	62.9	58.0	58.9	59.5	60.6	61.5	61.0	61.9	61.5	63.6	62.6	59.2	60.7
	S. D.	5,957	3,968	4,599	3,549	2,302	2,811	3,641	2,722	3,357	3,007	3,450	4,000	3,995
	TOTAL OBS	29	67	92	60	61	52	62	59	58	59	30	52	681
08	MEAN	62.2	59.6	62.4	62.9	64.1	64.4	64.6	65.4	64.9	66.4	64.2	60.6	63.5
	S. D.	4,713	3,963	4,191	3,445	2,612	2,642	3,327	2,812	3,161	3,080	3,815	3,910	4,015
	TOTAL OBS	93	98	93	82	83	88	83	83	89	91	68	66	1017
11	MEAN	65.0	62.2	63.0	63.2	64.6	64.8	65.2	66.1	67.3	67.9	65.9	64.3	64.9
	S. D.	4,462	4,044	3,839	3,225	2,079	2,343	2,335	2,199	2,387	2,109	3,957	4,251	3,617
	TOTAL OBS	93	98	93	82	83	88	83	82	89	91	68	66	1016
14	MEAN	65.3	62.8	63.4	63.5	64.7	65.2	65.2	66.4	67.5	68.0	66.3	63.8	65.2
	S. D.	4,363	3,711	3,546	3,015	2,000	1,769	1,924	2,031	1,901	2,334	3,475	4,401	3,397
	TOTAL OBS	93	98	93	82	83	88	83	82	89	90	68	64	1013
17	MEAN	64.9	62.6	63.4	63.4	64.8	65.3	65.6	66.9	67.6	67.9	65.3	62.7	65.1
	S. D.	4,390	3,419	3,538	2,695	1,921	1,853	2,117	2,191	1,892	2,212	3,822	4,541	3,411
	TOTAL OBS	92	80	93	82	83	88	62	62	89	90	49	42	912
20	MEAN	63.6	61.5	62.2	62.3	64.0	63.9	64.5	65.5	66.8	66.4	64.5	61.2	64.0
	S. D.	4,484	3,845	4,435	3,540	2,614	2,791	2,979	2,761	2,968	2,878	3,706	4,285	3,921
	TOTAL OBS	91	69	93	60	62	82	62	61	88	90	59	51	868
23	MEAN	62.3	59.1	60.4	60.1	61.8	61.8	62.5	63.2	63.8	64.8	63.2	60.0	62.0
	S. D.	4,642	4,084	4,440	3,757	2,523	3,160	3,758	3,189	3,238	2,909	3,962	4,069	4,046
	TOTAL OBS	91	67	92	60	62	82	62	61	87	88	58	51	861
ALL HOURS	MEAN	63.8	60.7	61.7	62.0	63.4	63.8	63.9	64.8	65.6	66.3	64.7	61.5	63.5
	S. D.	4,801	4,278	4,463	3,707	2,736	2,894	3,370	3,155	3,498	3,167	3,885	4,537	4,127
	TOTAL OBS	611	646	741	568	578	620	558	551	647	658	430	443	7051

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2

RELATIVE HUMIDITY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-76 PERIOD | JAN 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	02	100.0	100.0	100.0	100.0	100.0	96.6	86.2	37.9	6.9	77.9	29
	05	100.0	100.0	100.0	100.0	100.0	96.6	79.3	44.8	10.3	77.8	29
	08	100.0	100.0	100.0	100.0	100.0	100.0	91.4	67.7	16.1	83.1	93
	11	100.0	100.0	100.0	100.0	95.7	77.4	50.5	16.1	3.2	69.4	93
	14	100.0	100.0	100.0	98.9	94.6	69.9	49.2	14.0	3.2	68.8	93
	17	100.0	100.0	100.0	100.0	93.5	79.3	57.6	23.9	2.2	71.1	92
	20	100.0	100.0	100.0	100.0	100.0	95.6	87.9	58.2	16.5	81.3	91
	23	100.0	100.0	100.0	100.0	100.0	100.0	87.9	56.0	17.6	81.8	91
TOTALS		100.0	100.0	100.0	99.9	98.0	89.4	74.4	39.8	9.5	76.4	611

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (PERIOD) FEB (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	02	100.0	100.0	100.0	100.0	100.0	100.0	69.2	29.0	4.3	74.8	69
	05	100.0	100.0	100.0	100.0	100.0	98.5	69.7	22.4	4.5	74.9	67
	08	100.0	100.0	100.0	100.0	99.0	98.0	76.4	32.7	10.2	76.4	98
	11	100.0	100.0	100.0	100.0	91.8	50.0	19.4	3.1	2.0	62.1	98
	14	100.0	100.0	100.0	99.0	90.8	45.9	11.2	2.0	2.0	60.6	98
	17	100.0	100.0	100.0	100.0	92.5	47.5	13.0	1.3	1.3	61.4	80
	20	100.0	100.0	100.0	100.0	98.6	91.3	76.5	17.4	1.4	73.4	69
	23	100.0	100.0	100.0	100.0	100.0	97.0	69.7	29.9		74.2	67
TOTALS		100.0	100.0	100.0	99.9	96.6	78.5	40.4	17.2	3.2	69.7	646

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 PERIOD | MAR 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	02	100.0	100.0	100.0	100.0	100.0	97.8	84.5	35.9	3.3	77.1	92
	05	100.0	100.0	100.0	100.0	100.0	95.7	77.3	41.3	2.2	77.0	92
	08	100.0	100.0	100.0	100.0	100.0	95.7	80.6	38.7	5.4	77.3	93
	11	100.0	100.0	100.0	100.0	93.5	45.2	18.3	6.5	1.1	62.2	93
	14	100.0	100.0	100.0	100.0	90.3	39.8	16.1	3.2		60.5	93
	17	100.0	100.0	100.0	98.9	94.6	53.8	20.4	7.5	2.2	63.2	93
	20	100.0	100.0	100.0	100.0	100.0	88.2	39.9	19.4	1.1	71.6	93
	23	100.0	100.0	100.0	100.0	98.9	95.7	76.8	34.8	4.3	75.5	92
TOTALS		100.0	100.0	100.0	99.9	97.2	76.5	52.1	23.4	2.5	70.6	741

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RELATIVE HUMIDITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) APR (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%		
APR	02	100.0	100.0	100.0	100.0	100.0	88.1	64.7	11.9		71.1	59
	05	100.0	100.0	100.0	100.0	100.0	93.2	57.6	13.6		71.4	59
	08	100.0	100.0	100.0	100.0	96.3	74.4	36.6	11.0		67.5	82
	11	100.0	100.0	100.0	100.0	92.7	35.4	8.5	1.2		59.5	82
	14	100.0	100.0	100.0	100.0	87.8	28.0	4.9			57.7	82
	17	100.0	100.0	100.0	100.0	93.9	34.1	8.5			58.6	82
	20	100.0	100.0	100.0	100.0	100.0	61.4	29.8			64.7	57
	23	100.0	100.0	100.0	100.0	98.3	87.9	42.1	6.9		68.7	58
TOTALS		100.0	100.0	100.0	100.0	96.1	62.8	31.5	5.6		64.9	561

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 PERIOD | MAY 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	98.4	83.6	13.1		73.8	61
	05	100.0	100.0	100.0	100.0	100.0	100.0	84.6	19.7		74.7	61
	08	100.0	100.0	100.0	100.0	97.6	67.5	9.6	1.2		63.5	83
	11	100.0	100.0	100.0	98.8	97.6	49.4	2.4			60.8	83
	14	100.0	100.0	100.0	100.0	96.4	25.3	9.0	1.2		58.5	83
	17	100.0	100.0	100.0	100.0	95.2	34.9	4.8	2.4		59.8	83
	20	100.0	100.0	100.0	100.0	96.8	87.1	27.4	3.2		66.7	62
	23	100.0	100.0	100.0	100.0	100.0	96.8	59.7	6.5		71.1	62
TOTALS		100.0	100.0	100.0	99.9	98.0	69.9	39.6	5.9		66.1	578

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) JUN (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	02	100.0	100.0	100.0	100.0	100.0	98.1	71.2	15.4		73.2	52
	05	100.0	100.0	100.0	100.0	100.0	100.0	84.6	23.1		75.3	52
	08	100.0	100.0	100.0	100.0	98.9	65.9	21.6	2.3	1.1	64.5	88
	11	100.0	100.0	100.0	100.0	98.9	46.6	10.2	2.3	1.1	61.4	88
	14	100.0	100.0	100.0	100.0	97.7	31.8	9.5	2.3		59.3	88
	17	100.0	100.0	100.0	100.0	100.0	40.9	9.7	2.3		60.7	88
	20	100.0	100.0	100.0	100.0	100.0	76.8	26.0	1.2		65.3	82
	23	100.0	100.0	100.0	100.0	100.0	92.6	54.1	9.9	1.2	71.2	81
TOTALS		100.0	100.0	100.0	100.0	99.4	69.1	34.1	7.4	.4	66.4	619

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RELATIVE HUMIDITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) JUL (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	98.4	91.8	57.4	11.5	3.3	71.1	61
	05	100.0	100.0	100.0	100.0	96.8	90.3	61.3	19.4	4.8	72.3	62
	08	100.0	100.0	100.0	100.0	94.0	54.2	15.7	2.4		62.4	83
	11	100.0	100.0	100.0	100.0	94.0	41.0	8.6			59.3	83
	14	100.0	100.0	100.0	100.0	89.2	19.3	8.6	3.6		56.9	83
	17	100.0	100.0	100.0	100.0	88.7	35.5	9.5	3.2		58.2	62
	20	100.0	100.0	100.0	100.0	95.2	53.2	17.7	1.6		63.4	62
	23	100.0	100.0	100.0	100.0	95.2	79.0	40.3	6.5		68.0	62
TOTALS		100.0	100.0	100.0	100.0	93.9	58.0	29.8	6.0	1.0	64.0	558

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RELATIVE HUMIDITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) AUG (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	98.4	93.4	47.5			68.8	61
	05	100.0	100.0	100.0	100.0	100.0	98.3	64.7	3.4	3.4	71.8	59
	08	100.0	100.0	100.0	100.0	98.8	65.1	21.7	2.4		64.5	83
	11	100.0	100.0	100.0	100.0	97.6	46.3	6.4			60.4	82
	14	100.0	100.0	100.0	100.0	93.9	30.5	8.7	1.2	1.2	58.9	82
	17	100.0	100.0	100.0	100.0	91.9	32.3	4.8			58.6	62
	20	100.0	100.0	100.0	100.0	96.7	72.1	14.8	1.6	1.6	64.0	61
	23	100.0	100.0	100.0	100.0	100.0	82.0	34.4	4.9	1.6	68.1	61
TOTALS		100.0	100.0	100.0	100.0	97.2	65.0	24.0	1.7	1.0	64.4	551

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501	BARKING SANDS, HAWAII	73-75	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	02	100.0	100.0	100.0	100.0	100.0	94.8	64.1	3.4		71.3	58
	05	100.0	100.0	100.0	100.0	100.0	91.4	53.4	5.2	1.7	70.5	58
	08	100.0	100.0	100.0	100.0	97.8	69.7	24.7	3.4	1.1	65.3	89
	11	100.0	100.0	100.0	100.0	96.6	66.3	9.0			62.6	89
	14	100.0	100.0	100.0	100.0	97.8	59.6	7.9	2.2		61.5	89
	17	100.0	100.0	100.0	100.0	100.0	62.9	11.2	2.2		62.9	89
	20	100.0	100.0	100.0	100.0	98.9	87.5	26.3	13.6		70.9	88
	23	100.0	100.0	100.0	100.0	100.0	98.9	59.8	17.2		71.9	87
TOTALS		100.0	100.0	100.0	100.0	98.9	78.9	33.1	5.9	.4	67.1	647

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 PERIOD | OCT 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%		
OCT	02	100.0	100.0	100.0	100.0	100.0	98.3	79.3	32.2	1.7	76.2	59
	05	100.0	100.0	100.0	100.0	100.0	100.0	88.1	33.9		76.6	59
	08	100.0	100.0	100.0	100.0	100.0	92.3	62.6	16.5	1.1	72.6	91
	11	100.0	100.0	100.0	100.0	100.0	73.6	18.7	1.1		64.7	91
	14	100.0	100.0	100.0	100.0	97.8	62.2	14.4	3.3	2.2	63.5	90
	17	100.0	100.0	100.0	100.0	98.9	75.6	24.2	3.3	1.1	65.3	90
	20	100.0	100.0	100.0	100.0	100.0	94.4	78.9	26.7	1.1	74.7	90
	23	100.0	100.0	100.0	100.0	100.0	100.0	87.5	28.4	1.1	77.4	88
TOTALS		100.0	100.0	100.0	100.0	99.6	87.1	59.1	18.2	1.0	71.4	658

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RELATIVE HUMIDITY

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-75 (PERIOD) NOV (MONTH)

5706 RELATIVE HUMIDITY JAN 68

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	93.3	63.3	3.3	81.4	30
	05	100.0	100.0	100.0	100.0	100.0	100.0	83.3	46.7	10.0	79.6	30
	08	100.0	100.0	100.0	100.0	100.0	95.6	80.8	36.8	4.4	77.6	68
	11	100.0	100.0	100.0	97.1	97.1	69.1	28.5	7.4	1.5	65.7	68
	14	100.0	100.0	100.0	100.0	94.1	61.8	20.5	11.8	1.5	66.0	68
	17	100.0	100.0	100.0	100.0	93.9	67.3	36.7	10.2	2.0	66.2	49
	20	100.0	100.0	100.0	100.0	100.0	89.8	78.0	35.6	3.4	76.0	59
	23	100.0	100.0	100.0	100.0	100.0	93.1	79.3	50.0	1.7	77.4	58
TOTALS		100.0	100.0	100.0	99.6	98.1	84.6	64.9	32.7	3.5	73.7	430

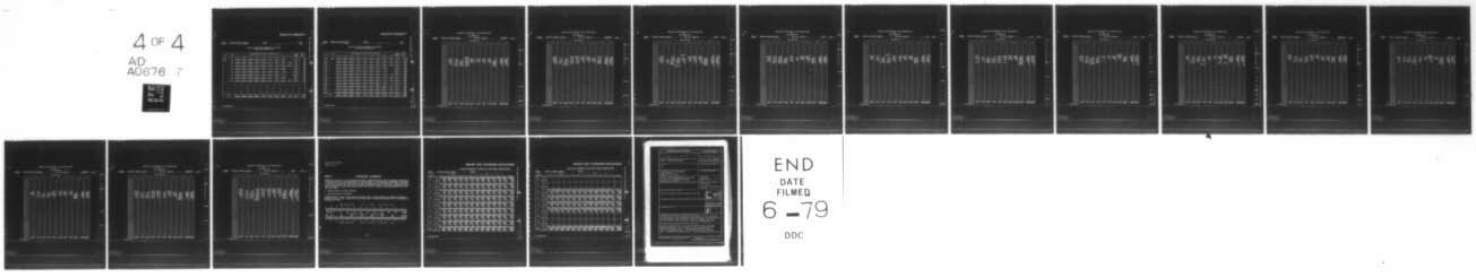
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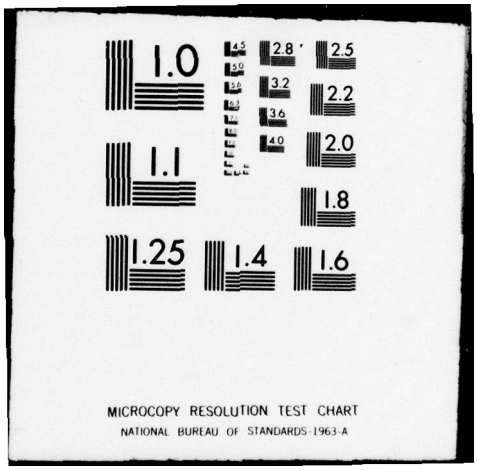
AD-A067 677 NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), BARKING--ETC(U)
JUL 78

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

2

RELATIVE HUMIDITY

22501 STATION | BARKING SANDS, HAWAII STATION NAME | 73-75 PERIOD | DEC 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	02	100.0	100.0	100.0	100.0	100.0	94.1	82.4	29.4		75.1	51
	05	100.0	100.0	100.0	100.0	100.0	94.2	80.8	34.6	3.8	76.2	52
	08	100.0	100.0	100.0	100.0	100.0	98.5	77.3	47.0	12.1	79.1	66
	11	100.0	100.0	100.0	100.0	93.9	63.6	37.9	10.6		66.4	66
	14	100.0	100.0	100.0	100.0	93.8	50.0	21.7	7.8		64.0	64
	17	100.0	100.0	100.0	100.0	92.9	45.2	23.8	7.1		62.5	42
	20	100.0	100.0	100.0	100.0	100.0	94.1	64.7	27.5		72.9	51
	23	100.0	100.0	100.0	100.0	100.0	94.1	74.5	19.6	2.0	74.6	51
TOTALS		100.0	100.0	100.0	100.0	97.6	79.2	58.9	23.0	2.2	71.4	443

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5706 RELATIVE HUMIDITY JAN 68

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RELATIVE HUMIDITY

22501	BARKING SANDS, HAWAII	73-76	ALL
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	ALL	100.0	100.0	100.0	99.9	98.0	89.4	73.4	39.8	9.5	76.4	611
FEB		100.0	100.0	100.0	99.9	96.6	78.5	48.4	17.2	3.2	69.7	646
MAR		100.0	100.0	100.0	99.9	97.2	76.5	53.1	23.4	2.5	70.6	741
APR		100.0	100.0	100.0	100.0	96.1	62.8	31.5	5.6		64.9	561
MAY		100.0	100.0	100.0	99.9	98.0	69.9	34.6	5.9		66.1	578
JUN		100.0	100.0	100.0	100.0	99.4	69.1	34.1	7.4	.4	66.4	619
JUL		100.0	100.0	100.0	100.0	93.9	56.0	23.8	6.0	1.0	64.0	558
AUG		100.0	100.0	100.0	100.0	97.2	65.0	24.0	1.7	1.0	64.4	551
SEP		100.0	100.0	100.0	100.0	98.9	78.9	38.1	5.9	.4	67.1	647
OCT		100.0	100.0	100.0	100.0	99.6	87.1	50.1	18.2	1.0	71.4	658
NOV		100.0	100.0	100.0	99.6	98.1	84.6	64.9	32.7	3.5	73.7	430
DEC		100.0	100.0	100.0	100.0	97.6	79.2	58.9	23.0	2.2	71.4	443
TOTALS		100.0	100.0	100.0	99.9	97.6	74.9	44.8	15.6	2.1	68.8	7043

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

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2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22301 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) JANUARY (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86				100.0						1	.2
77 TO 81	13.0	2.3		9.9	23.7	19.8	16.0	14.5	.8	131	21.4
72 TO 76	21.0	8.2	2.1	12.4	20.6	10.3	9.0	9.4	6.9	233	38.1
67 TO 71	8.6	9.6	23.8	21.9	11.3	.7	1.3	1.3	22.5	151	24.7
62 TO 66	5.5	11.0	44.0	15.4					24.2	91	14.9
57 TO 61		20.0	40.0	20.0					20.0	5	.8
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	13.7	7.5	13.6	14.9	15.7	8.3	7.2	7.0	12.1	612	100.0

NAVWEASERVCOM

570 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) FEBRUARY (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	10.0			30.0	30.0	10.0	10.0		10.0	10	1.6
77 TO 81	28.0	2.4	1.2	4.3	6.7	14.0	14.0	28.7	.6	164	25.5
72 TO 76	36.8	2.8	4.9	8.3	8.3	6.3	8.3	13.9	10.4	144	22.4
67 TO 71	12.2	14.8	34.4	16.4	4.8	.5	.5	1.1	15.3	189	29.4
62 TO 66	2.3	12.0	42.9	12.8	2.3				27.8	133	20.7
57 TO 61			100.0							3	.5
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	19.6	8.1	20.8	10.9	5.9	5.3	5.8	10.7	12.9	643	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. J[illegible] 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) MARCH (MONTH) ALL (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
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	20.7		6.9			3.4	34.5	34.5		29	4.0
77 TO 81	14.3		1.2	2.9	14.0	7.6	24.4	32.6	2.9	172	23.9
72 TO 76	19.5	4.6	5.7	12.6	17.2	7.5	9.2	6.9	16.7	174	24.1
67 TO 71	10.7	9.3	23.4	19.2	7.5	.9	.5	.9	27.6	214	29.7
62 TO 66	4.7	2.4	44.1	19.7	.8		.8	.8	26.8	127	17.6
57 TO 61			66.7						33.3	3	.4
52 TO 56				100.0						1	.1
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	13.0	4.3	16.9	13.0	10.0	4.0	9.7	11.2	17.8	721	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) APRIL (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	21.2	5.8	1.9		3.8		34.6	32.7		52	9.3
77 TO 81	22.3	4.5	3.5	1.5	6.9	5.4	20.8	28.2	6.9	202	36.2
72 TO 76	11.2	14.3	18.0	13.7	8.7	1.2	3.7	3.7	25.5	161	28.9
67 TO 71	10.9	10.9	32.0	22.7	2.3			.8	20.3	128	22.9
62 TO 66		20.0	20.0	20.0					40.0	15	2.7
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	15.8	9.3	14.5	10.2	5.9	2.3	11.8	14.9	15.6	558	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) MAY (MONTH) ALL (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
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	.2
82 TO 86	20.8	3.8			9.4	3.8	37.7	24.5		53	9.3
77 TO 81	16.1	4.1	3.4	3.4	5.6	9.7	23.2	22.3	12.0	267	46.8
72 TO 76	6.8	15.3	22.0	9.3	10.2	1.7	5.1	5.1	24.6	118	20.7
67 TO 71		7.9	40.5	15.9	3.2	.8			31.7	126	22.1
62 TO 66			40.0	40.0					20.0	5	.9
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	10.9	7.2	15.4	7.5	6.3	5.4	15.4	13.9	17.9	570	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. 8-68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) JUNE (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	12.5				5.0	10.0	37.5	33.8	1.3	80	12.1
77 TO 81	14.6	4.5	3.8	3.5	6.6	4.2	25.0	25.0	12.8	288	43.7
72 TO 76	6.7	6.1	16.0	11.0	14.1	2.5	5.5	1.8	36.2	163	24.7
67 TO 71	.8	4.2	32.2	18.6	2.5				41.5	118	17.9
62 TO 66	11.1		33.3	11.1	11.1	11.1			22.2	9	1.4
57 TO 61									100.0	1	.2
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	9.9	4.2	11.8	7.7	7.6	3.8	16.8	15.3	22.6	659	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) JULY (MONTH) ALL (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
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	.2
82 TO 86	10.1	1.4		.7	3.6	14.5	42.0	26.1	1.4	138	24.7
77 TO 81	10.5	3.1	5.3	7.9	7.9	5.3	19.3	18.9	21.9	228	40.8
72 TO 76	4.2	12.6	27.7	19.3			.8		35.3	119	21.3
67 TO 71	1.4	5.8	52.2	13.0	1.4				26.1	69	12.3
62 TO 66		33.3	33.3	33.3						3	.5
57 TO 61			100.0							1	.2
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	7.9	5.2	14.8	9.3	4.3	5.7	18.4	14.3	20.0	559	100.0

NAVWEASERVCOM

5709 FREQ. - TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22901 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) AUGUST (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91								100.0		2	.4
82 TO 86	13.7	.6	.6		3.1	9.3	45.3	25.5	1.9	161	29.1
77 TO 81	8.5	7.5	8.5	9.0	5.0	4.5	15.6	17.6	23.6	199	36.0
72 TO 76	1.3	10.6	31.3	11.9	3.8		1.3		40.0	160	28.9
67 TO 71		7.4	29.6	7.4					55.6	27	4.9
62 TO 66		33.3					33.3	33.3		3	.5
57 TO 61				100.0						1	.2
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	7.4	6.5	13.7	7.2	3.8	4.3	19.3	14.3	23.3	553	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. & WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) SEPTEMBER (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	25.0				50.0	25.0				4	.6
82 TO 86	16.4	1.2		2.4	6.7	13.3	40.6	18.2	1.2	165	25.7
77 TO 81	13.1	5.6	17.8	8.4	5.6	7.0	13.6	10.3	18.7	214	33.3
72 TO 76	2.0	7.4	46.1	10.3	4.4		1.0	1.0	27.9	204	31.7
67 TO 71		12.5	41.1	10.7					35.7	56	8.7
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	9.3	5.6	24.1	7.6	5.3	5.9	15.2	8.4	18.5	643	100.0

NAVWEASERVCOM

570 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) OCTOBER (MONTH) ALL (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
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	.2
82 TO 86	14.9	2.8	.7	3.5	9.2	9.9	26.2	31.2	1.4	141	21.6
77 TO 81	9.8	3.8	12.5	7.1	8.7	10.9	22.3	14.7	10.3	184	28.2
72 TO 76	.4	7.2	27.1	23.7	5.9		.8		34.7	236	36.1
67 TO 71	1.1	7.9	36.0	11.2	1.1		1.1		41.6	89	13.6
62 TO 66				50.0					50.0	2	.3
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	6.3	5.4	18.4	13.0	6.7	5.2	12.6	10.9	21.6	653	100.0

NAVWEASERVCOM

5709 FREQ. OF TEMP. VS. WIND DIR. JAN 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) NOVEMBER (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	9.5	9.5			23.8	9.5	38.1	9.5		21	4.9
77 TO 81	18.7	7.2	.7	3.6	16.5	9.4	23.7	18.7	1.4	139	32.3
72 TO 76	3.7	8.1	21.5	15.6	17.0	2.2	1.5	.7	29.6	135	31.4
67 TO 71		10.4	37.3	17.2	4.5				30.6	134	31.2
62 TO 66									100.0	1	.2
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 & LWP											
TOTALS	7.7	8.6	18.6	11.4	13.3	4.2	10.0	6.7	19.5	430	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMPS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) DECEMBER (MONTH) ALL (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.
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	25.0			25.0	25.0		25.0			4	.8
77 TO 81	19.4	1.0	1.0	7.8	14.6	3.9	14.6	35.0	2.9	103	20.3
72 TO 76	26.2	9.8	5.7	8.2	14.8	6.6	5.7	15.6	7.4	122	24.0
67 TO 71	6.1	12.2	33.5	13.7	6.1	.5	2.0	1.5	24.4	197	38.8
62 TO 66	1.2	9.9	42.0	12.3	3.7	1.2			29.6	81	15.9
57 TO 61									100.0	1	.2
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	13.0	8.9	21.3	11.0	9.6	2.8	5.3	11.4	16.7	508	100.0

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5709 FREQ. AIR TEMP. VS. WIND DIR. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) JAN 73 - DEC 77 (YEARS) ALL (MONTH) ALL (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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	10.0			10.0	30.0	10.0	10.0	30.0		10	.1
82 TO 86	14.7	1.9	.6	1.8	6.3	9.9	37.8	25.7	1.3	855	12.0
77 TO 81	15.3	4.0	5.4	5.5	9.1	8.0	19.9	21.8	11.0	2291	32.2
72 TO 76	11.3	8.6	19.3	13.4	10.6	3.3	4.4	4.6	24.5	1969	27.7
67 TO 71	5.9	9.9	33.1	16.9	4.8	.4	.6	.7	27.8	1501	21.1
62 TO 66	3.4	8.9	41.7	15.7	1.7	.4	.4	.4	27.2	470	6.6
57 TO 61		6.7	53.3	13.3					26.7	15	.2
52 TO 56				100.0						1	.0
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	11.3	6.6	17.0	10.4	7.8	4.8	12.3	11.6	18.2	7109	100.0

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5709 FREQ. AIR TEMP. VS. WIND DIR. (REV. 68)

NWSD, Federal Building

Asheville, N. C.

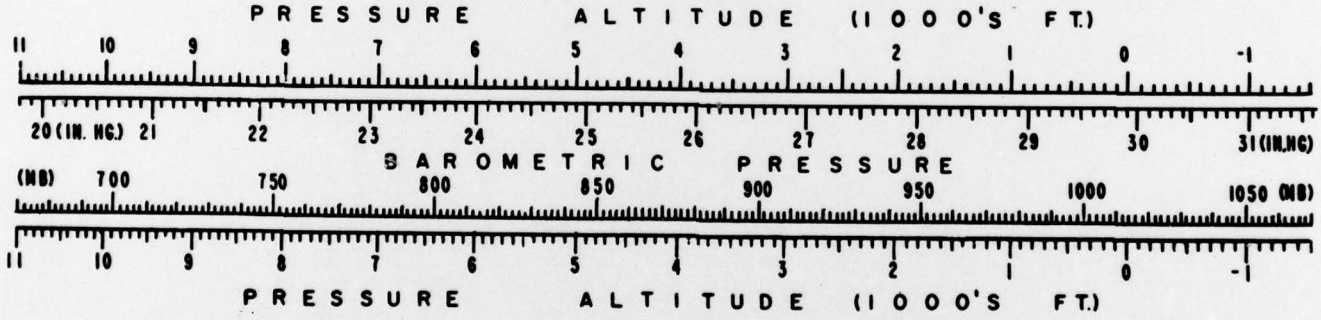
PART F PRESSURE SUMMARY

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.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN	29,851	30,039	30,051	30,033	30,036	30,020	30,011	29,996	29,983	29,977	29,963	30,002	30,008
	S. D.	,109	,082	,088	,049	,054	,048	,038	,049	,057	,042	,071	,080	,078
	TOTAL OBS	32	81	93	60	62	60	61	62	60	60	30	61	722
05	MEAN	29,833	30,021	30,030	30,015	30,021	30,009	30,002	29,981	29,966	29,964	29,937	29,984	29,991
	S. D.	,110	,085	,090	,049	,054	,050	,038	,047	,057	,043	,067	,084	,080
	TOTAL OBS	32	81	93	60	62	60	62	60	60	60	30	62	722
08	MEAN	29,928	30,038	30,066	30,060	30,050	30,046	30,038	30,020	30,004	30,007	29,975	30,006	30,020
	S. D.	,112	,095	,092	,052	,050	,047	,038	,040	,051	,050	,082	,090	,081
	TOTAL OBS	94	101	93	82	83	89	83	83	90	92	68	73	1031
11	MEAN	29,951	30,062	30,083	30,072	30,059	30,049	30,044	30,027	30,016	30,022	29,993	30,024	30,034
	S. D.	,104	,094	,089	,050	,051	,045	,036	,049	,052	,050	,079	,090	,078
	TOTAL OBS	94	101	93	82	83	89	83	83	90	92	68	73	1031
14	MEAN	29,888	30,000	30,029	30,025	30,020	30,020	30,013	29,996	29,973	29,962	29,929	29,958	29,984
	S. D.	,103	,089	,085	,045	,047	,041	,035	,049	,047	,043	,075	,083	,078
	TOTAL OBS	94	101	93	82	83	89	83	83	90	92	68	71	1029
17	MEAN	29,885	29,992	30,006	29,995	29,994	29,993	29,981	29,957	29,953	29,951	29,926	29,955	29,967
	S. D.	,101	,074	,084	,044	,045	,040	,035	,048	,044	,043	,055	,079	,071
	TOTAL OBS	93	82	93	82	83	89	62	62	90	92	49	50	927
20	MEAN	29,922	30,028	30,041	30,024	30,023	30,013	29,996	29,980	29,981	29,988	29,957	29,998	29,995
	S. D.	,100	,074	,088	,046	,051	,040	,038	,049	,050	,047	,059	,081	,073
	TOTAL OBS	93	81	93	60	62	88	62	62	90	92	59	62	904
23	MEAN	29,941	30,052	30,069	30,052	30,055	30,044	30,027	30,007	30,010	30,009	29,975	30,015	30,021
	S. D.	,102	,073	,089	,048	,053	,041	,036	,049	,050	,048	,061	,084	,075
	TOTAL OBS	93	81	93	60	62	88	61	62	90	92	58	62	902
ALL HOURS	MEAN	29,911	30,029	30,047	30,035	30,032	30,025	30,016	29,997	29,987	29,986	29,959	29,994	30,003
	S. D.	,109	,087	,091	,054	,054	,048	,042	,052	,055	,052	,074	,087	,080
	TOTAL OBS	625	709	744	568	580	652	557	557	660	672	430	514	7268

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

22501 (STATION) BARKING SANDS, HAWAII (STATION NAME) 73-76 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02	MEAN													
	S. D.													
	TOTAL OBS													
05	MEAN													
	S. D.													
	TOTAL OBS													
08	MEAN	1014.3	1018.2	1018.9	1018.7	1018.5	1018.3	1018.1	1017.3	1016.8	1016.7	1015.8	1017.4	1017.4
	S. D.	3.716	3.188	3.117	1.768	1.506	1.634	1.081	1.592	1.666	1.690	2.757	2.595	2.669
	TOTAL OBS	65	76	64	65	65	62	64	66	60	63	58	60	768
11	MEAN	1015.2	1019.0	1019.4	1019.2	1018.7	1018.4	1018.3	1017.6	1017.2	1017.2	1016.3	1018.0	1017.9
	S. D.	3.408	3.156	2.997	1.682	1.551	1.564	1.016	1.697	1.699	1.741	2.732	2.565	2.562
	TOTAL OBS	64	76	64	65	65	62	64	66	60	63	58	60	767
14	MEAN	1013.0	1016.7	1017.5	1017.5	1017.4	1017.4	1017.2	1016.3	1015.6	1015.2	1014.1	1015.6	1016.1
	S. D.	3.304	2.983	2.899	1.500	1.431	1.424	.986	1.556	1.457	1.503	2.543	2.450	2.555
	TOTAL OBS	64	76	64	65	65	62	64	66	60	63	58	58	765
17	MEAN	1012.5	1016.7	1016.7	1016.4	1016.4	1016.3	1016.0	1015.0	1014.4	1014.4	1014.0	1013.8	1015.6
	S. D.	3.613	2.261	2.874	1.470	1.371	1.346	.924	1.491	1.447	1.276	1.715	1.629	2.287
	TOTAL OBS	44	56	64	65	64	61	43	49	38	42	39	36	597
20	MEAN													
	S. D.													
	TOTAL OBS													
23	MEAN													
	S. D.													
	TOTAL OBS													
ALL HOURS	MEAN	1013.9	1017.7	1018.1	1017.9	1017.7	1017.6	1017.6	1016.7	1016.2	1016.0	1015.1	1016.8	1016.8
	S. D.	3.640	3.106	3.155	1.931	1.733	1.719	1.315	1.838	1.874	1.923	2.715	2.600	2.700
	TOTAL OBS	237	284	256	260	259	247	235	263	218	331	213	214	2897

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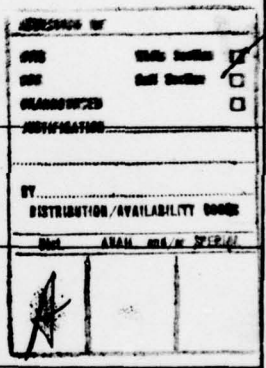
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18. SUPPLEMENTARY NOTES



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, Naval shore facility, coastal region, snow depth, cloud cover, Barking Sands, HI.

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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