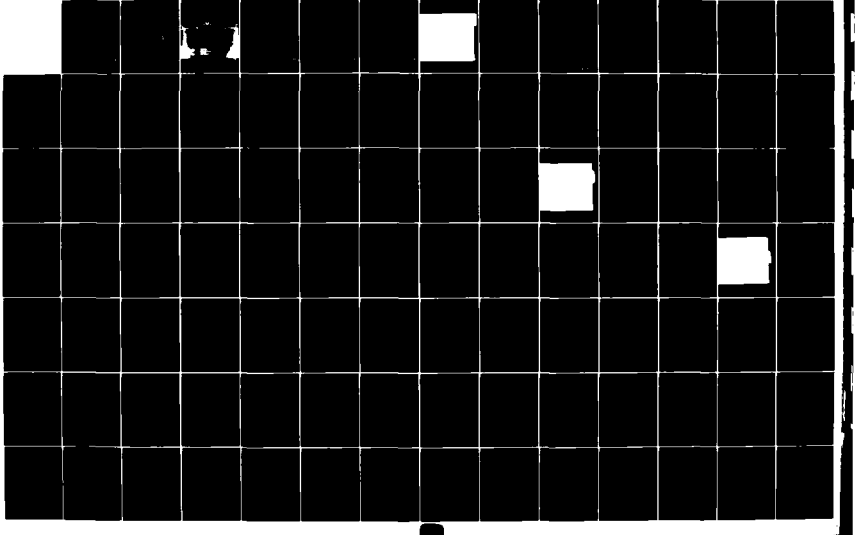
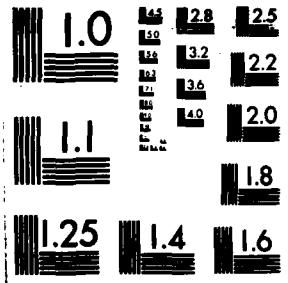
AD-A150 393 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
POINT MUGU CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC OCT 83

UNCLASSIFIED F/G 4/2 NL





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

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SMOS, Point Mugu, Ca.
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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURF

STATION: #93111 Point Mugu, CA

PERIOD: January 1960-December 1982

AWS No. 73009 DATE October 198

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Point Mugu, CA		5. TYPE OF REPORT & PERIOD COVERED Reference Report 1973-1982 6. PERFORMING ORG. REPORT NUMBER
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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, coastal region, snow depth, and cloud cover

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

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

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

STATION NO. ON SUMMARY:	STATION NAME:	LATITUDE:	LONGITUDE:	STATION ELEV. (FT.)	CALL SIGN:	WMO NUMBER:
93111	Point Mugu, California	34°07'N	119°07'W	12	KNTD	72391

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.	Aerological office on second deck of hangar, Bldg 34	Navy		1955	34°07'N	119°07'W	29.84	Mercurial	24
2.	Aerological office, first deck of hangar, Bldg 34	"	1955	1962	"	"	14.10	"	"
3.	New barometer installed on second deck, Bldg 34	"	1962	1964	"	"	27.30	"	"
4.	In observer tower atop hangar 34	"	1964	1965	"	"	77.00	"	"
5.	PMR Weather Center, Bldg 552	"	1965	1966	"	"	11.25		
6.	" " " " "	"	1966	1968	"	"	11.07	"	"
7.	" " " " "	"	1968	1976	"	"	11.03	"	"
8.	PMTC " " " "	"	1976		"	"	8.77	"	"
1a.	PMR " " " "	"	1965	1976	"	"	13.25	Aneroid	"
2a.	PMTC " " " "	"	1976		"	"	11.58	"	"
	Wind data earlier than 1961 should not be summarized with later data since the anemometer height is not compatible with the 1961 to present exposure.								

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.		On west end of hangar roof	Selsyn	Double	79'	1. Micro-barograph (AERO 1932 USN)
1a.		Top of control tower	AN-UMQ-5			2. Auto met station (AN/GMQ-29)
2.	Replaced 1957	Mounted on existing selsyn mast	AN-UMQ-5C	RD-108	106'	3. Cloud height set (AN/GMQ-13D)
3.	1960	Change in height	"	"	93'	4. Theodolite (shore type)
4.	1961	1800 feet southwest of intersection of runways 05-23 and 11-29	"	"	13'	5. Transmissometer (AN/GMQ-10C)
5.	1964	13 ft above runway elev, 450 ft from centerline runway 03-21, 1600 ft SW intersection runway 03-21 and 09-27	"	"	"	6. Radiosonde/Rawinsonde set (AN/GMD-1B)
6.	1976	Secondary AN/UMQ-5, 1,100 ft NNE intersection Rnys 3-21 & 9-27 & 900 ft from centerline Rnys 3-21	"	"	"	7. Met. Satellite System (AN/GKR-4)
						8. Met. sounding system (MSS) 4/82
						9. AN/FMC-2
						10. Laguna Peak AN/GMQ-29B 9/81

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Asheville, N. C.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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

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

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

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

[redacted]

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PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 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.

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

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

OTE: 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.



WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

7111	POINT MUGU, CALIFORNIA	60-79	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.1	23.1		.3	.5	23.1	36.0	39.5		.2	46.6	620
FEB		1.8	25.5		.2	.4	25.5	43.2	38.8		.2	52.7	565
MAR		1.0	24.4			.2	24.4	40.6	41.1		.2	52.6	620
APR		.5	16.5			.2	16.5	38.0	43.7			51.8	600
MAY			19.5				19.5	51.1	58.7			66.3	620
JUN		.2	28.4				28.4	62.6	67.3			74.0	599
JUL		.5	19.5				19.5	79.0	83.5			89.4	620
AUG		1.0	17.6				17.6	77.7	85.2			87.9	620
SEP		1.7	21.3			.2	21.3	68.8	78.7			83.5	600
OCT		1.0	14.7				14.7	61.6	64.0		.3	72.7	620
NOV		1.7	20.0				20.0	45.7	42.8		.2	52.8	600
DEC		.6	20.5			.2	20.5	39.4	36.8			48.5	620
TOTALS		1.0	20.9		.0	.1	20.9	53.6	56.3	.0	.1	64.9	7304

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-[illegible]	JA[illegible]

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.
[illegible]	01		[illegible].7				8.7	16.7	5.8			22.6	[illegible]
	04	.3	[illegible].1				8.1	19.4	5.8			23.2	[illegible]
	[illegible]		5.1				8.1	17.4	5.2			20.6	[illegible]
	1		7.7				7.7	15.9	8.7			20.3	[illegible]
	1[illegible]	.3	7.4				7.4	7.7	13.9			20.3	[illegible]
	1[illegible]		8.4				8.4	8.7	15.6			22.3	[illegible]
	1[illegible]	.3	6.5				6.5	12.3	10.6			19.7	[illegible]
	22		6.1				6.1	13.9	4.5			1[illegible].1	[illegible]
TOTALS		.1	7.6				7.6	14.[illegible]	8.8			20.9	24[illegible]

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WEATHER CONDITIONS

111 | POINT MUGU, CALIFORNIA | 73- 2 | FEB

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	.4	5.[illegible]				5.[illegible]	20.6	8.9			24.[illegible]	2[illegible]
	[illegible]		7.5				7.8	24.8	5.7			26.6	[illegible]
	[illegible]		[illegible].9				8.9	25.5	8.5			28.4	[illegible]
	1[illegible]		7.8				7.8	20.9	16.7			28.4	2[illegible]
	1[illegible]		7.1				7.1	9.2	19.1			26.2	[illegible]
	1[illegible]		8.9				8.9	9.2	16.8			26.2	[illegible]
	1[illegible]	.4	8.9				8.9	13.5	12.4			21.6	2[illegible]
	[illegible]		6.4				6.4	18.1	9.9			32.7	2[illegible]
TOTALS		.1	7.6				7.6	17.7	12.5			25.6	225[illegible]

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73- 2	MAY

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.
[illegible]	0[illegible]	.3	6.1				8.1	12.9	1.9			15.9	71[illegible]
	0[illegible]		7.4				7.4	16.5	2.9			17.7	71[illegible]
	[illegible]		10.0				10.0	15.4	7.1			24.2	71[illegible]
	1[illegible]		7.1				7.1	13.6	16.8			26.8	71[illegible]
	1[illegible]		5.5				5.5	8.2	13.9			17.7	71[illegible]
	1[illegible]		6.8				6.8	4.8	11.6		.3	15.8	71[illegible]
	1		5.2				5.2	6.8	6.5		.3	12.6	71[illegible]
	[illegible]	.3	6.8				6.8	7.4	2.8			9.4	71[illegible]
TOTALS		.1	7.1				7.1	11.5	8.0		.1	17.3	248[illegible]

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WEATHER CONDITIONS

[illegible] POINT MUGU, CALIFORNIA 73-82 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01		4.3				4.3	28.3	7.7			35.3	[illegible]
	04		4.7				4.7	21.7	9.0			27.7	[illegible]
	[illegible]7		3.7				3.7	31.0	20.0			42.0	[illegible]
	1		2.0				2.0	10.7	34.0		.3	38.7	[illegible]
	1[illegible]	.3	1.7				1.7	3.7	31.3		.3	32.7	[illegible]
	1[illegible]		2.0				2.0	2.7	29.0		.7	30.7	[illegible]
	1[illegible]		2.3				2.3	11.7	21.0		.3	28.0	[illegible]
	22		2.3				2.3	12.3	10.7			19.3	[illegible]
TOTALS		.0	2.9				2.9	14.3	20.3		.2	30.6	2400

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]111	[illegible] MUGU, CALIFORNIA	73-[illegible]2	MAY

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	01		5.8				5.8	28.1	22.9			42.9	31[illegible]
	04		7.4				7.4	35.2	25.5			51.3	31[illegible]
	07		7.7				7.7	42.9	34.8			65.2	31[illegible]
	10		3.5				3.5	21.9	41.6			56.1	310
	13		1.0				1.0	11.3	41.9			47.1	310
	16		.3				.3	7.7	41.0		.3	45.2	31[illegible]
	19		.6				.6	14.5	32.6			43.5	310
	22		2.6				2.6	21.3	22.6			37.7	310
TOTALS			3.6				3.6	22.9	32.9		.0	48.6	2480

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WEATHER CONDITIONS

111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73- 2 (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	01		6.0				6.0	32.4	16.7			44.8	299
	07		9.0				9.0	43.8	16.1			51.5	299
	07		8.0				8.0	49.2	27.4			65.2	299
	13	.3	2.0				2.0	19.4	42.8		.3	57.2	299
	14		.3				.3	5.4	48.9			50.8	299
	15		.3				.3	4.3	41.8			43.8	299
	16		.3				.3	10.4	33.1			40.1	299
	22		2.0				2.0	22.1	21.5			38.6	299
TOTALS		.0	3.5				3.5	23.4	31.0		.0	49.0	2391

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4

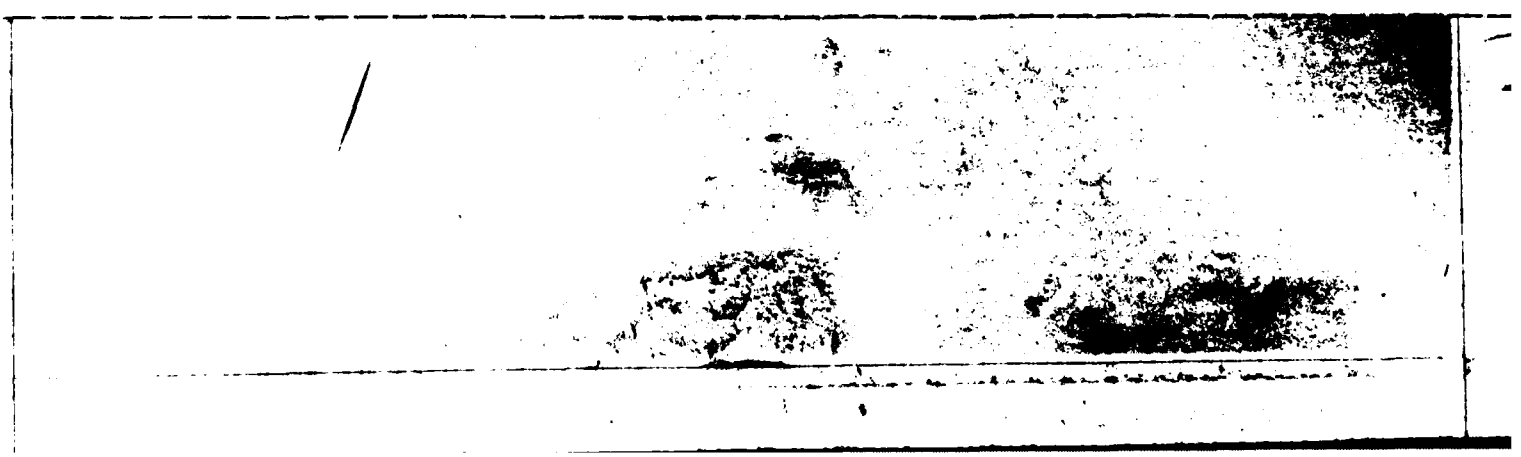
WEATHER CONDITIONS

[illegible]	POINT MUGU, CALIFORNIA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		2.3				2.3	[illegible].6	14.2			48.1	310
	04		5.2				5.2	57.1	15.5			64.5	310
	[illegible]7		6.1				6.1	65.5	30.0			79.7	310
	1[illegible]		.3				.3	24.5	57.7			71.3	310
	1[illegible]	.3	.3				.3	6.5	59.4			61.3	310
	1[illegible]		.3				.3	7.4	49.0			51.6	310
	1[illegible]		.3				.3	15.5	31.6			40.3	310
	22		.6				.6	27.4	16.5			35.5	310
TOTALS		.0	1.9				1.9	30.6	34.2			56.5	2480

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WEATHER CONDITIONS

· 111 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-92 (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.
[illegible]	01		3.9				3.9	46.1	18.4			60.3	717
	04		7.4				7.4	60.3	18.7			71.6	310
	07		4.8				4.8	65.5	30.3			80.6	31[illegible]
	10		.6				.6	71.6	61.9			73.9	310
	13		1.0				1.0	7.7	56.1			59.0	310
	16		.6				.6	3.9	47.4			48.7	310
	19		.3				.3	19.0	39.7			49.4	31[illegible]
	22	.3	1.3				1.3	30.3	22.3			47.1	310
TOTALS		.0	2.9				2.5	32.1	36.9			61.3	248[illegible]

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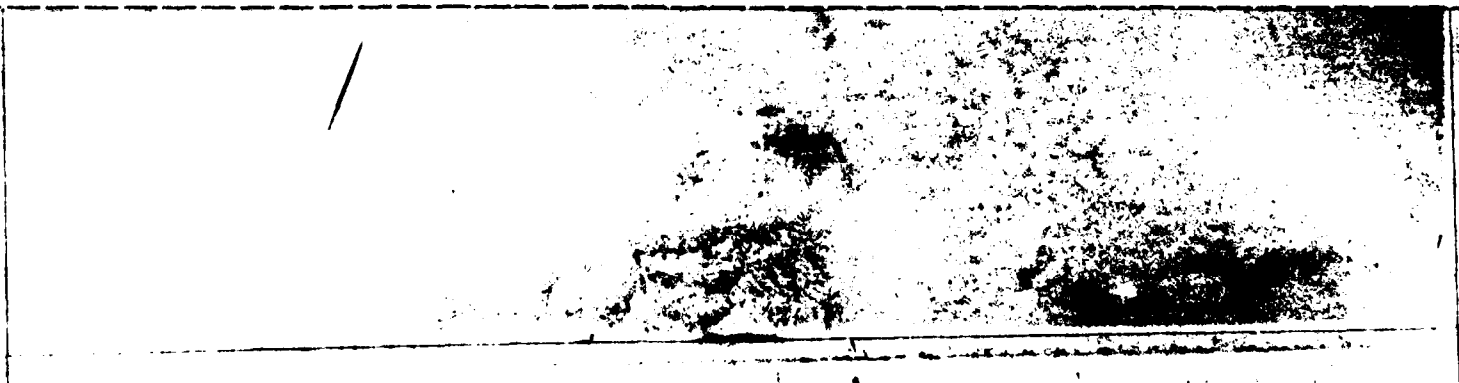
WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	SEP

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	01		5.3				5.3	44.7	20.3			56.7	300
	04	.3	8.0				8.0	53.3	23.7			68.3	300
	07		8.7				8.7	57.7	33.7			75.0	300
	10	.3	2.0				2.0	21.3	57.7			69.0	300
	13	.3	2.7				2.7	8.3	54.0			57.0	300
	16	.3	1.3				1.3	7.7	47.3			50.0	300
	19	.3	2.7				2.7	21.3	35.0			47.7	300
	22		3.0				3.0	30.0	23.0			44.7	300
TOTALS		.2	4.2				4.2	30.3	36.8			58.5	2400

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

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.
[illegible]CT	01		3.2				3.2	41.3	12.3			46.4	310
	04		3.9				3.9	45.2	14.2			54.8	31[illegible]
	[illegible]	.6	5.2				5.2	45.5	21.9			57.7	310
	1[illegible]		2.3				2.3	18.7	39.4		.3	53.2	310
	1[illegible]		2.3				2.3	8.1	42.3			46.8	310
	1[illegible]		1.3				1.3	10.0	36.2		.3	42.7	309
	1[illegible]		.3				.3	21.2	20.3			38.4	310
	2[illegible]		1.3				1.3	30.6	15.5			41.3	310
TOTALS		.1	2.5				2.5	27.8	25.3		.1	47.9	2[illegible]79

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WEATHER CONDITIONS

[illegible] | POINT MUGU, CALIFORNIA | 73-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		3.3				3.3	27.3	7.0			30.3	300
	04		3.0				3.0	24.0	6.7			26.7	300
	07		3.7		--		3.7	22.7	7.7			25.7	300
	10		2.7				2.7	12.0	19.3		.7	28.3	300
	13		1.3				1.3	4.3	26.0		.3	28.3	300
	16	.3	2.7			.3	2.7	4.3	22.0			25.0	300
	19		3.0			--	3.0	13.3	12.0			21.0	300
	22	.7	3.3				3.0	24.0	7.7			27.3	300
TOTALS		.1	2.8			.0	2.8	16.5	13.6		.1	26.6	2400

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WEATHER CONDITIONS

111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
73-82 — 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	01		3.5				3.5	24.8	7.1			26.7	310
	04		2.6				2.6	26.1	7.4			30.3	312
	07		3.2				3.2	23.5	10.0			28.1	312
	10		3.5				3.5	15.6	19.4			28.7	312
	13		3.2				3.2	7.1	29.0		.3	31.9	312
	16		3.9				3.9	7.8	25.6		.3	29.4	309
	19		3.9				3.9	17.8	13.3			27.5	309
	22		5.2				5.2	22.7	10.0			29.8	309
TOTALS			3.6				3.6	18.2	15.2		.1	29.4	2477

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WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	73-82	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	7.6				7.6	14.0	6.8			20.9	2480
FEB		.1	7.6				7.6	17.7	12.5			25.6	2256
MAR		.1	7.1				7.1	10.5	8.0		.1	17.3	2480
APR		.0	2.9				2.9	14.3	20.3		.2	30.6	2400
MAY			3.6				3.6	22.9	32.9		.0	48.6	2480
JUN		.0	3.5				3.5	23.4	31.0		.0	49.0	2391
JUL		.0	1.9				1.9	30.6	34.2			56.5	2480
AUG		.0	2.5				2.5	32.1	36.9			61.3	2480
SEP		.2	4.2				4.2	30.3	36.8			58.5	2400
OCT		.1	2.5				2.5	27.8	25.3		.1	47.9	2479
NOV		.1	2.8			.0	2.8	16.5	13.6		.1	26.6	2400
DEC			3.6				3.6	18.2	15.2		.1	29.4	2477
TOTALS		.1	4.1			.0	4.1	21.5	23.0		.0	39.3	29203

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	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	1.4	1.1	.4						9.1	2.1	6.3			82.1
NNE	1.9	1.5	.4						11.6	3.4	4.5			80.2
NE	4.4	4.4	.6					.6	12.4	1.6	5.4			77.1
ENE	3.6	3.6	.9						9.8	1.3	4.9			79.6
E	3.3	2.3	3.5						15.1	1.2	7.0			68.6
ESE	22.6	16.1	6.5						22.6		3.2			45.2
SE	20.0	3.3	5.0						10.0	1.7	13.3			45.0
SSE	10.7	5.3	1.3						21.3	1.3	13.3			53.3
S	12.5	5.6	1.9					.9	15.7	.9	15.7			58.3
SSW	3.7								14.9		27.0			60.4
SW	4.2	4.3							8.7		13.0			76.1
WSW		1.9	1.9						17.3		9.6			73.1
W	.9	1.4							6.2	1.4	10.5			77.4
WNW	.9	1.5	.8						3.1	.8	5.4			86.5
NW			1.7						8.3		10.0			85.3
NNW	1.3	2.1							11.5		8.3			82.3
VARIABLE														
CALM	2.6	2.2	.8						15.3	8.7	8.7			61.6
TOTAL	100	76	23					3	301	86	209			1349
% TOTAL	4.2	2.7	.9					.1	12.1	1.9	8.4			74.6

TOTAL NUMBER OF OBSERVATIONS 2,496

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	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	1.1								14.0	4.5	9.5			78.2
NNE	2.5	1.5	1.0						19.1	4.4	13.2			70.6
NE	1.7	2.2	.9						14.8	1.3	3.9			74.8
ENE	4.1	2.0						.7	16.2	1.4	4.1			79.7
E	4.9	1.4	1.4						10.0		5.7			50.0
ESE	22.7	18.2							18.2		13.6			40.9
SE	21.1	10.5	1.8						14.0	7.0	12.3			43.9
SSE	9.	9.0	1.3					1.3	20.5		20.5			51.3
S	11.3	7.3							27.0	1.7	26.1			40.0
SSW	7.1	2.9	2.9						22.9		31.4			50.0
SW	1.7	1.7							13.8		27.6			58.6
WSW	1.5	3.2	4.8						9.5		15.9			69.8
W	1.2	.4							4.0	.4	11.3			84.3
WNW	1.4	.7	1.4						14.3		10.0			78.6
NW		1.6	1.5						16.2	2.9	7.4			76.5
NNW	.7								11.3	2.0	6.6			82.1
VARIABLE														
CALM	2.4	.3	1.6						30.4	1.7	16.9			66.9
TOTAL	100	50	21					2	352	48	280			1582
% TOTAL	4.4	2.2	.9					.1	15.6	2.1	12.4			70.2

TOTAL NUMBER OF OBSERVATIONS 2,255

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

:11	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	MARCH	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	1.5							3.3	1.5	3.0			90.1
NNE	1.7	1.3	.7						7.8	1.3	4.6			85.2
NE	3.0	1.4	.7						13.0	2.1	2.9			77.9
ENE	2.4	7.1	1.2						9.4		2.4			80.0
E	5.3	6.3							12.7		7.9			76.2
ESE	21.4	11.9	2.4					4.8	33.3		4.8			60.5
SE	17.4	10.5	1.2						25.6		14.0			46.5
SSE	6.3	10.7	1.2						17.9	1.2	16.7			53.6
S	3.5	7.0	1.6						14.1	2.3	14.1			60.9
SSW	3.3	10.0	3.3						11.7		11.7			65.0
SW	5.3	2.9							5.8		17.4			69.6
WSW		1.7							3.4		15.4			81.0
W	1.7	.9	.4						2.1		9.2		.2	86.5
WNW	3.2	.9							4.1	.5	3.2		.5	88.2
NW		4.4							2.9	5.9	4.4			83.8
NNW	1.4	1.4							12.3		2.7			82.2
VARIABLE														
CALM	1.2	1.7	.5						15.6	1.7	7.1			76.4
TOTAL	76	76	14					2	235	24	193		2	1937
% TOTAL	3.9	3.1	.6					.1	9.5	1.0	7.8		.1	78.1

TOTAL NUMBER OF OBSERVATIONS 2,480

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	APRIL	ALL
STATION	STATION NAME	YEARS	MONTH	HOUR

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG -	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	•	2.5							13.1	.3	8.2			77.
NNE	1.7	.9							10.6	1.6	11.5			77.3
NE	2.7	2.7							22.3	.9	21.4		.5	55.
ENE		1.3							19.2		9.6		1.9	75.3
E									10.5	2.6	21.1		2.6	58.4
ESE	.7							6.3	37.5		25.0			56.3
SE		.3							23.3		33.3			55.3
SSE		1.6							26.2		29.5			49.2
S	.3		1.1						13.5		27.6			51.7
SSW		.9	.9						6.2	.9	42.7			50.9
SW									13.3		36.3			56.4
WSW	1.	1.5							7.3	.7	30.7			62.8
W	.5	.9	.4						6.3		23.2		.4	71.2
WNW		.4	2.1						3.3		15.8			78.8
NW									20.2	3.2	22.3			54.7
NNW	.7		1.4						10.8	1.4	5.4			32.4
VARIABLE														
CALM	.4	1.4	3.0						2.4	1.4	11.3			63.7
TOTAL	1	26	25					1	324	18	498		5	1673
% TOTAL	•	1.1	1.0					.0	13.5	.8	20.0		.2	69.

TOTAL NUMBER OF OBSERVATIONS 2,400

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1992	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			1.4						13.7	2.7	20.5			68.5
NNE			1.3						21.3	6.3	32.5			45.3
NE			1.4						30.0	2.9	31.4			48.3
ENE			3.6						35.7		21.4			53.6
E	2.5								30.5	7.7	26.9			38.5
ESE	13.3		13.3						26.7	6.7	20.0			40.7
SE		2.0	7.8						25.1	2.0	37.3			27.5
SSE		1.5	7.4						25.6		26.5			32.4
S		.8	7.6						35.3		41.2			31.1
SSW		.9	4.4						22.8	.9	28.7			38.6
SW			1.4						17.4	3.3	35.9			50.0
WSW		.5	2.6						15.2	.5	37.7			50.3
W		.2	.6						11.2	.3	34.2		.2	57.9
WNW	.3	.3	3.1						16.5	.7	32.8			56.3
NW		1.2							20.0		25.9			61.2
NNW									17.8		22.2			66.7
VARIABLE														
CALM		.4	.9						3.6	2.5	28.5			47.3
TOTAL	3	10	76						533	34	805		1	1259
% TOTAL	.1	.4	3.1						21.5	1.4	32.5		.0	50.7

TOTAL NUMBER OF OBSERVATIONS 2,480

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible]	[illegible] POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	JUNE	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	1.4								21.9	1.4	21.7			52.8
NNE			1.7						28.8	3.4	23.7			55.9
NE			5.9						33.3		23.5		2.0	45.1
ENE			7.4						45.5	3.4	27.6			17.2
E			7.1						50.0	7.1	14.3			35.7
ESE			4.6						50.0		22.2			27.8
SE			2.1						52.3		38.6			15.9
SSE			3.1						39.7	1.6	34.4			39.1
S			4.7						26.0		47.7			27.1
SSW			2.3						19.8		45.3			38.4
SW			2.0						13.8		50.0			36.3
WSW			1.1						13.8		47.7			41.4
W			.0					.2	11.6	.2	32.9			59.2
WNW			2.4						13.7		30.7			59.0
NW			2.1						21.3	1.1	21.3			63.8
NNW			1.2						28.2		21.2			56.5
VARIABLE														
CALM			2.1						34.3	2.1	32.7			52.7
TOTAL	1		43					1	541	18	732		1	1217
% TOTAL	.0		3.5					.0	22.6	.8	30.6		.0	50.9

TOTAL NUMBER OF OBSERVATIONS 2,391

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	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			1.7						48.3	1.7	23.3			41.7
NNE									59.7	6.3	23.8			25.4
NE			3.2						43.5	6.5	11.3			43.5
ENE									66.7	2.8	22.2			22.2
E			5.6						72.2		33.3			11.1
ESE			11.1						55.6		22.2			33.3
SE									51.1	2.2	37.8			22.2
SSE			7.1						37.5		35.7			35.7
S			2.4						12.1		57.1			20.2
SSW			1.2						25.8	2.2	62.4			19.4
SW			3.2						18.1		58.5			27.7
WSW									21.2		54.5			33.3
W		.5	.6					.2	12.4	.5	42.5			49.8
WNW			1.4						21.6	.3	29.8			56.2
NW			1.9						28.7	.6	28.0			52.2
NNW			1.0						44.1	2.3	16.7			46.1
VARIABLE														
CALM			1.0						37.9	5.1	18.3			37.7
TOTAL		2	45					1	711	47	844			1075
% TOTAL		.1	1.8					.0	28.7	1.9	34.1			43.4

TOTAL NUMBER OF OBSERVATIONS 2,478

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible]	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	AUGUST	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.4		.2						54.9	2.8	22.5			77.6
NNE			2.4						54.8		26.2			78.6
NE		1.1	1.1						49.5	1.1	25.3			54.1
ENE									57.1		31.4			54.3
E									78.9		26.3			15.8
ESE			6.3						50.0		25.0			25.0
SE			3.3						66.7	3.3	10.0			20.0
SSE			1.6						49.2	3.3	36.1			23.3
S	1.1		1.4						34.1		56.8			20.5
SSW									10.8	1.2	67.5			24.1
SW									15.3		57.1			33.7
WSW			1.4						20.7		53.1			34.5
W		.2	.9					.2	18.4		46.7			46.3
WNW	.7	.7	.7						22.2	.3	35.0			48.4
NW			1.7						34.3		29.7			44.6
NNW									36.0		32.0			45.7
VARIABLE														
CALM		.2	.5						46.5	1.9	30.9			32.7
TOTAL	4	5	43					1	777	16	902			957
% TOTAL	.2	.2	2.1					.0	71.3	.7	36.4			36.6

TOTAL NUMBER OF OBSERVATIONS 2,[illegible]

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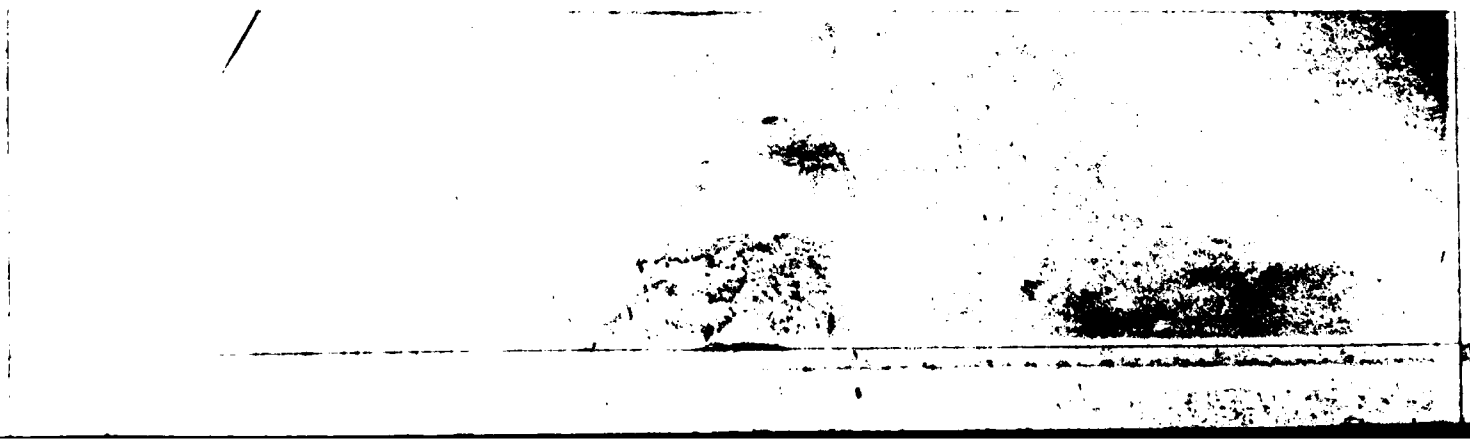
PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

11	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	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	2.1	1.1	4.2						35.8	3.2	17.9			43.4
NNE	1.7		2.5					.8	42.5	4.2	22.5			40.0
NE	.7	.7	2.7						37.0	1.4	26.7			42.5
ENE	1.8		3.6					1.8	45.5	3.6	29.1			32.7
E	3.	3.0	7.0						38.4		30.3			39.4
ESE			3.4						65.5		24.1			24.1
SE	10.0	2.0	6.0						40.0	4.0	14.0			26.0
SSE	7.1	3.1	1.6					1.6	28.1	1.6	39.1			37.5
S		1.7	1.7						21.4		41.4			38.5
SSW		1.1	1.1					1.1	17.6	1.1	53.8			36.3
SW		1.1	4.3						22.1		37.4			36.8
WSW	.3		2.4						15.2		48.8			40.0
W	.8		2.3						13.9	.2	50.7			41.1
WNW	.7		2.3						20.8	.9	40.3			35.8
NW	.7	.7	1.4						29.7	3.4	24.3			50.7
NNW		1.0	7.2						39.2	6.2	27.8			39.2
VARIABLE														
CALM	.4	.3	1.9					.2	33.4	1.1	26.7			38.3
TOTAL	21	16	64					5	663	64	869			976
% TOTAL	.9	.7	2.7					.2	27.6	2.7	36.2			40.7

TOTAL NUMBER OF OBSERVATIONS 2,400

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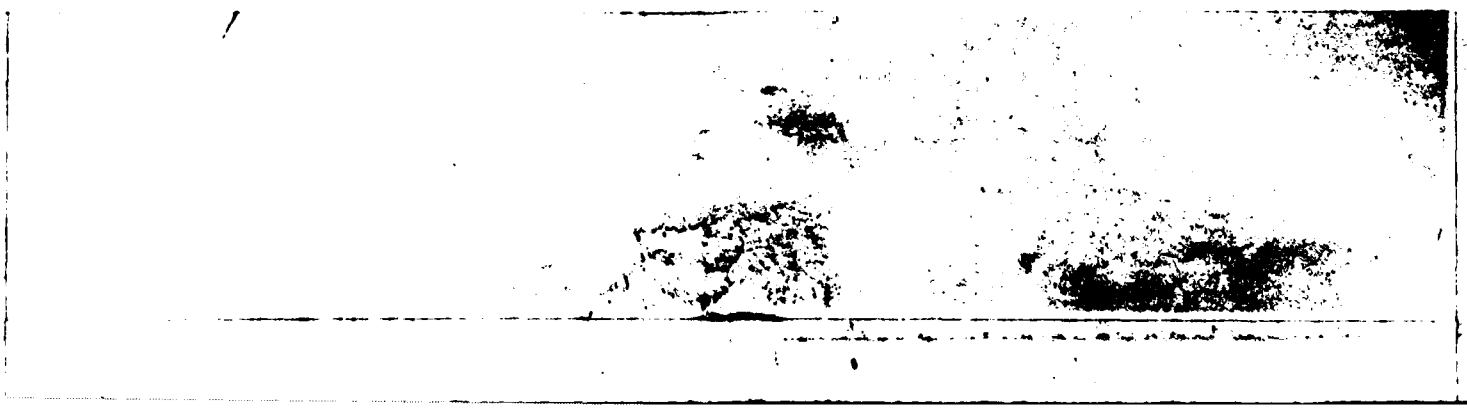
PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

111 STATION | POINT MUGU, CALIFORNIA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | OCTOBER 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	[illegible]		1.1						22.9	5.7	16.6			58.9
NNE	.7	.7	.7						36.4	4.0	17.9			51.7
NE	1.1		3.3					.5	30.1	1.1	7.1		.5	64.5
ENE	1.5		1.5						33.3	1.5	4.5			63.6
E									36.8		28.9			50.0
ESE	5.9		5.9						41.2		11.8			47.1
SE	2.7		5.4						29.7	2.7	35.1			32.4
SSE	1.5	1.5	3.0						21.2		33.3			45.5
S	1.2		3.0						19.0	1.0	31.0			53.0
SSW	1.7	1.7	1.7						22.4		50.0			34.5
SW									16.4	1.5	38.8			46.3
WSW		1.0							12.9		40.6			50.5
W	.4	.5	.7						8.8		34.8			57.1
WNW			1.3						18.8	.6	24.7		.6	57.4
NW	.9	.9							32.5	1.8	23.7			47.4
NNW			1.6						32.0	3.1	14.8			53.9
VARIABLE														
CALM	.2	.7	2.1					.2	35.0	3.4	20.5			42.9
TOTAL	14	11	37					2	641	49	604		2	1278
% TOTAL	.5	.4	1.5					.1	25.9	2.0	24.4		.1	51.6

TOTAL NUMBER OF OBSERVATIONS 2,478

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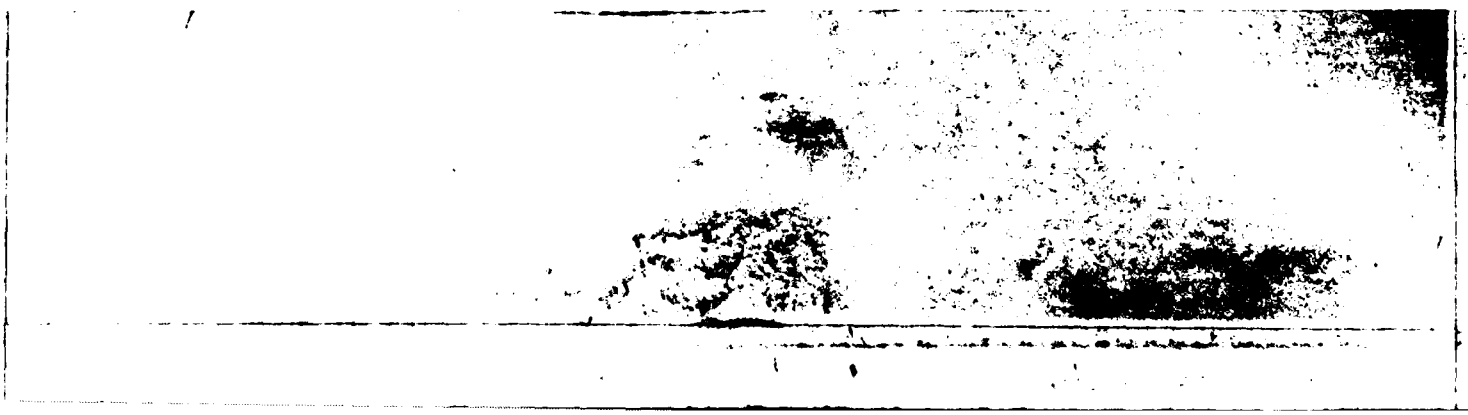
PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	NOVEMBER	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

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		.7	.7						16.0	2.5	5.4			53.2
NNE	.4	.9	1.3						21.9	4.3	8.2			69.1
NE	1.7	.8	1.2						17.0	2.3	6.6		1.2	73.4
ENE		1.3	.6						16.9	1.9	7.1			77.9
E	1.7								10.5		2.6			89.5
ESE	3.3								26.7		25.7			53.3
SE	11.3								29.4		41.2			38.2
SSE	2.5	5.0							22.5	2.5	30.0			47.5
S	3.4	1.1	1.1						13.5		39.3			50.6
SSW	2.7	8.0					2.0	2.0	12.0		24.0			58.0
SW	4.1	4.1							16.4		34.7			51.3
WSW	3.1	1.5							7.7		23.1			69.2
W									4.7		16.7			77.6
WNW	.8	1.3							5.2		13.5			81.3
NW	3.2	1.5	1.5					1.5	16.4	3.0	11.9			67.2
NNW			1.2						13.8	1.2	10.8			79.0
VARIABLE														
CALM	1.1	.3	1.7					.3	20.8	5.8	11.0			58.4
TOTAL	27	22	19				1	3	345	51	319		3	1733
% TOTAL	1.1	.9	.8				.0	.1	14.4	2.1	13.3		.1	72.2

TOTAL NUMBER OF OBSERVATIONS 2,400

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

111	POINT HUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	DECEMBER	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

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	.4		.7						16.7	5.3	12.4			70.6
NNE		.8	.4						17.8	1.5	14.0			71.6
NE	1.7	1.7	2.0						16.2	.7	7.3		.3	75.8
ENE	2.1	1.5							10.8	.5	4.9			82.8
E	2.4	1.1							12.6		5.7		1.1	77.5
ESE	11.1	5.3							21.1		15.8			67.4
SE	23.1	5.1							23.1	5.1	10.3			63.6
SSE	1.9								20.8	3.8	20.8			58.7
S	3.5	4.7	.9						17.0		26.4			53.9
SSW	5.2	6.9							24.1		32.3			48.4
SW		2.7	5.4						13.5		43.2			45.9
WSW		6.0							8.0		18.0			70.0
W	.3	1.4							5.2	.9	23.0			70.9
WNW			.8						8.7	.8	15.9			79.4
NW									10.5	2.3	7.0			83.7
NNW									11.6	1.7	12.4			78.5
VARIABLE														
CALM	.1		1.0						24.5	8.6	38.0			53.8
TOTAL	42	31	17						399	52	366		2	1677
% TOTAL	1.7	1.3	.7						16.1	2.1	14.8		.1	68.1

TOTAL NUMBER OF OBSERVATIONS 2,477

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

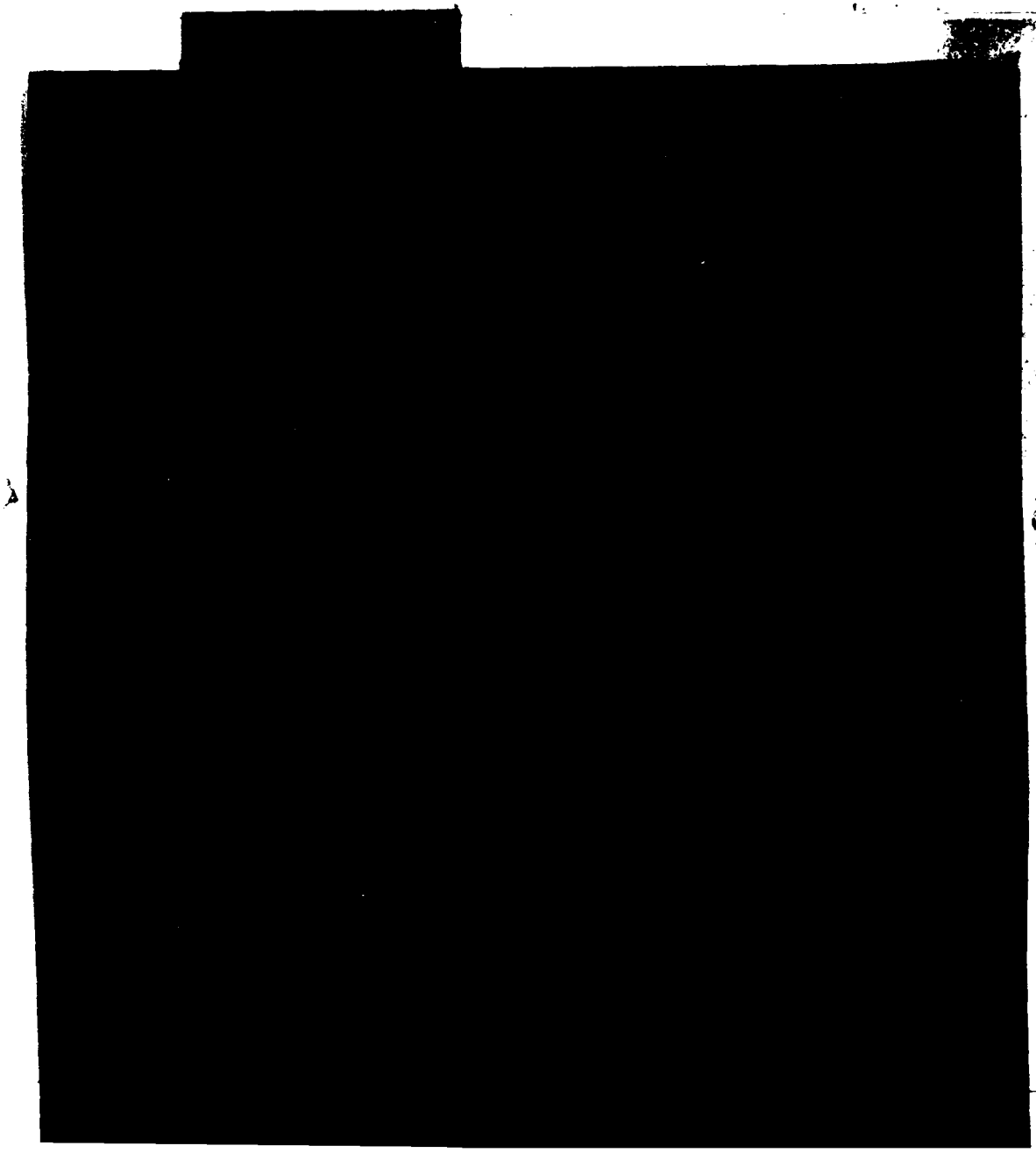
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)
[illegible]	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	ALL	ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	.6	.8						17.0	3.1	10.9			72.0
NNE	1.0	.8	.9					.1	23.6	3.2	13.7			64.9
NE	2.3	1.7	1.6					.2	22.0	1.5	10.7		.4	66.3
ENE	3.0	2.1	.8					.2	20.8	1.3	8.7		.1	71.0
E	5.7	1.6	1.2						21.3	.9	12.5		.8	66.2
ESE	12.9	6.8	3.3					1.0	33.8	.3	16.1			41.0
SE	10.3	3.9	3.8						34.5	2.3	25.9			35.3
SSE	3.5	3.3	2.3					.3	29.1	1.2	27.3			43.9
S	3.3	2.6	2.4					.1	22.9	.6	34.5			42.5
SSW	1.3	2.1	1.7				.1	.2	17.7	.6	43.2			42.0
SW	1.3	1.0	2.3						15.6	.5	40.8			46.5
WSW	.4	.7	1.2						13.5	.1	37.7			51.7
W	.7	.4	.8					.1	8.9	.2	31.1		.1	52.3
WNW	.7	.4	1.5						14.2	.4	23.9		.1	65.2
NW	.3	.7	1.1					.1	23.0	1.8	20.6			60.7
NNW	.4	.3	1.3						22.5	1.7	14.8			66.2
VARIABLE														
CALM	.5	.6	2.9					.1	29.4	1.6	17.8			38.2
TOTAL	417	316	477				1	21	5822	469	6603		16	17182
% TOTAL	1.4	1.1	1.6				.0	.1	17.9	1.8	22.6		.1	58.8

TOTAL NUMBER OF OBSERVATIONS 29,199

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Federal Building
lle, N. C.

B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

ɔrtion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of llowing:

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

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

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

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

r 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
S. Navy and Weather ureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	5.1	1.5	3.2	1.5	4.3	2.3	3.4	2.9	.3				19.4	662	2.67	11.57	[illegible]
FEB	[illegible]	5.6	1.6	2.4	2.6	3.5	3.4	3.2	2.9	.5				20.1	622	2.86	13.79	[illegible]
MAR	[illegible]	8.7	1.2	1.6	2.5	3.1	2.4	3.8	1.7					16.1	682	1.90	7.29	TRACE
APR	[illegible]	[illegible]	[illegible]	2.6	1.2	2.7	1.2	1.2	.2					9.7	660	.66	4.23	[illegible]
MAY	.1	1.3	1.7	1.2	.1	.6	.3	.1						3.7	682	.10	1.00	TRACE
JUN	[illegible]	25.6	.3	.8	.2	.5								1.7	630	.04	.26	[illegible]
JUL	[illegible]	[illegible]	.1	.3		.1								[illegible]	682	.01	.13	TRACE
AUG	.3	15.4	.3	.6	.3			.1						1.3	682	.06	1.04	[illegible]
SEP	[illegible]	16.2	.3	1.7	.5	.5	.5	.2	.5					3.9	660	.36	4.98	TRACE
OCT	[illegible]	[illegible]	.7	1.8	.3	.9	.7	.1						4.5	682	.18	.74	TRACE
NOV	[illegible]	.6	1.1	2.1	1.4	2.3	2.7	2.1	2.1					13.5	660	1.91	6.42	TRACE
DEC	[illegible]	[illegible]	1.2	3.4	2.1	2.8	1.9	2.3	1.5					15.1	662	1.57	5.73	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]	1.8	1.1	1.8	1.7	1.4	.9	.1				9.2	8006	12.52		

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

[illegible] [illegible], CALIFORNIA [illegible]
STATION | STATION NAME | YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	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	[illegible]	[illegible]													682	TRACE	TRACE	[illegible]
FEB	[illegible]	[illegible]													622	TRACE	TRACE	[illegible]
MAR	[illegible]														682	[illegible]	[illegible]	[illegible]
APR	[illegible]														660	[illegible]	[illegible]	[illegible]
MAY	[illegible]														682	[illegible]	[illegible]	[illegible]
JUN	[illegible]														660	[illegible]	[illegible]	[illegible]
JUL	[illegible]														682	[illegible]	[illegible]	[illegible]
AUG	[illegible]														682	[illegible]	[illegible]	[illegible]
SEP	[illegible]														660	[illegible]	[illegible]	[illegible]
OCT	[illegible]														682	[illegible]	[illegible]	[illegible]
NOV	[illegible]														660	[illegible]	[illegible]	[illegible]
DEC	[illegible]														682	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]													8006	[illegible]		

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] POINT MUGU, CALIFORNIA 63-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	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	[illegible]														682			
FEB	[illegible]														672			
MAR	[illegible]														682			
APR	[illegible]														667			
MAY	[illegible]														672			
JUN	[illegible]														671			
JUL	[illegible]														672			
AUG	[illegible]														672			
SEP	[illegible]														662			
OCT	[illegible]														672			
NOV	[illegible]														662			
DEC	[illegible]														682			
ANNUAL	[illegible]														8026			

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
6?-8? — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	.5	2.2?	.1?	.8?	TRAC?	TRACE	TRACE	TRACE	.01	TRACE	1.1?	.2?	2.2?
?1	.94	TRAC?	.5?	.2?	TRAC?	.01	TRACE	.02	.0?	TRACE	1.63	.6?	1.63
[illegible]	1.5?	3.5?	.5?	TRAC?	TRAC?	.02	TRACE	TRACE	TRACE	.46	.01	.0?	3.5?
[illegible]	1.?3	1.61	1.1?	.2?	.2?	.1?	TRACE	.03	.3?	.30	.?8	.??	1.?1
4	.5?	.??	.7?	.3?	.01	.11	TRACE	.07	TRACE	.21	.36	1.1?	1.10
5	.1?	.14	1.0?	1.33	.01	TRAC?	TRACE	TRACE	.04	TRACE	2.?3	2.1?	2.1?
6	1.21	.5?	TRAC?	TRAC?	.01	TRACE	TRACE	TRACE	.02	.02	1.02	.7?	1.21
67	1.?4	.1?	.33	.6?	.0?	TRACE	TRACE	TRACE	.23	TRACE	2.23	.3?	2.23
??	.47	.5?	1.56	.31	TRAC?	TRACE	TRACE	.02	TRACE	.52	.46	.21	1.56
??	2.2?	1.2?	.26	.47	.04	TRAC?	.13	TRACE	.03	TRACE	1.53	.?7	3.?9
??	.??	1.37	.63	TRAC?	TRAC?	TRACE	TRACE	TRACE	TRACE	TRACE	2.06	1.9?	2.?6
?1	.2?	.3?	.22	.77	.1?	TRACE	TRACE	.00	.03	.02	.15	1.26	1.26
??	.??	.11	.01	.01	.0?	TRACE	TRACE	.01	.02	.39	.60	.73	.?0
??	1.5?	.93	.80	TRAC?	TRAC?	TRACE	TRACE	TRACE	.01	.13	.63	.76	1.?9
?4	2.1?	.1?	.66	.20	TRAC?	TRACE	.02	TRACE	TRACE	.45	.05	1.1?	2.15
?5	.??	1.?5	.77	.18	TRAC	TRACE	TRACE	TRACE	TRACE	.04	.07	.07	1.55
?6	.?0	.?8	.3?	.24	.01	.18	TRACE	TRACE	2.29	TRACE	.13	.75	2.?9
77	1.3?	.30	1.0?	.00	.64	.31	.02	.98	.02	TRACE	.?5	.5?	1.34
78	1.1?	1.94	1.57	.67	TRAC?		TRACE	.03	1.03	.11	.89	.97	
79	2.76	.73	1.99	TRAC?	TRAC?	.04	TRACE	TRACE	.36	.07	2.16	1.21	2.76
?0	1.71	2.?2	1.72	.34	.37	.?0	.01	.?0	TRACE	TRACE	TRACE	.8?	?.?2
?1	.93	1.1?	.97	.14	.01	TRACE	TRACE	TRACE	.0?	.22	.9?	.34	1.19
?2													
MEAN	1.1?	1.?	.7?	.3?	.0?	.0?	.01	.0?	.21	.13	.48	.7?	1.?3
S.D.	.?44	.969	.56?	.346	.15?	.?58	.?2?	.208	.520	.178	.769	.585	.730
TOTAL OBS.	6??	62?	68?	660	68?	630	682	68?	660	682	660	682	8?96

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] POINT MUGU, CALIFORNIA 63-9[illegible]
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
7[illegible]						TRACE 2[illegible]							PRECIP DAYS
[illegible]	.10 11	.25 14	.90 20	.65 5	TRACE 25	TRACE 11	TRACE 14	TRACE 22	.00 5	.00 22	.68 14	.02 11	PRECIP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

…11 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
60-81 — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.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	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	TRACE	TRACE	.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.	622	622	682	66[illegible]	682	630	682	652	660	682	660	682	8006

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

.11 STATION | POINT MUGU, CALIFORNIA STATION NAME | 65-67 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
7						.0 29							SNOFALL DAYS
	.1 11	.3 14	.0 20	.1 5	. 25	.0 11	.0 14	.0 23	.0 5	.2 22	.0 14	.0 11	SNOFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]11	POINT MUGU, CALIFORNIA	60-82

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	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	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0		0	0	0	0	0	0	
79	0	0	0	0	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0	0	0	0	0
82													
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.	682	622	682	660	682	630	682	682	660	682	660	682	8006

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

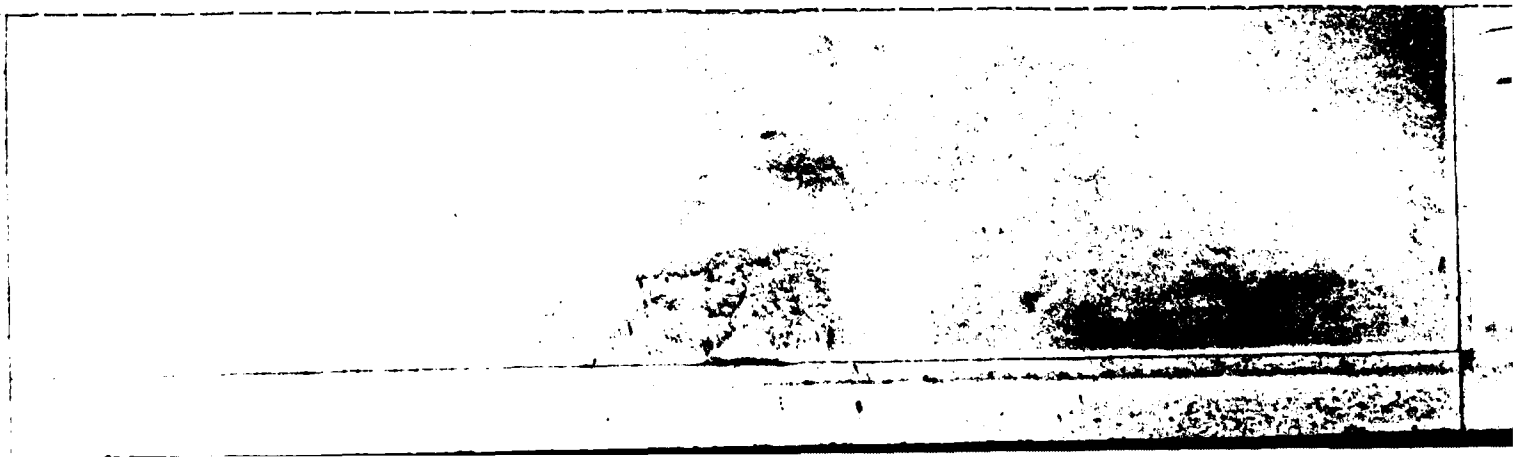
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] STATION | POINT MUGU, CALIFORNIA STATION NAME | 62-67 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
7[illegible]						0 29							SNO DPTH DAYS
[illegible]	11	14	26	5	25	0 11	0 14	0 23	0 5	0 22	0 14	0 11	SNO DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	POINT MUGU, CALIFORNIA	1960-1982

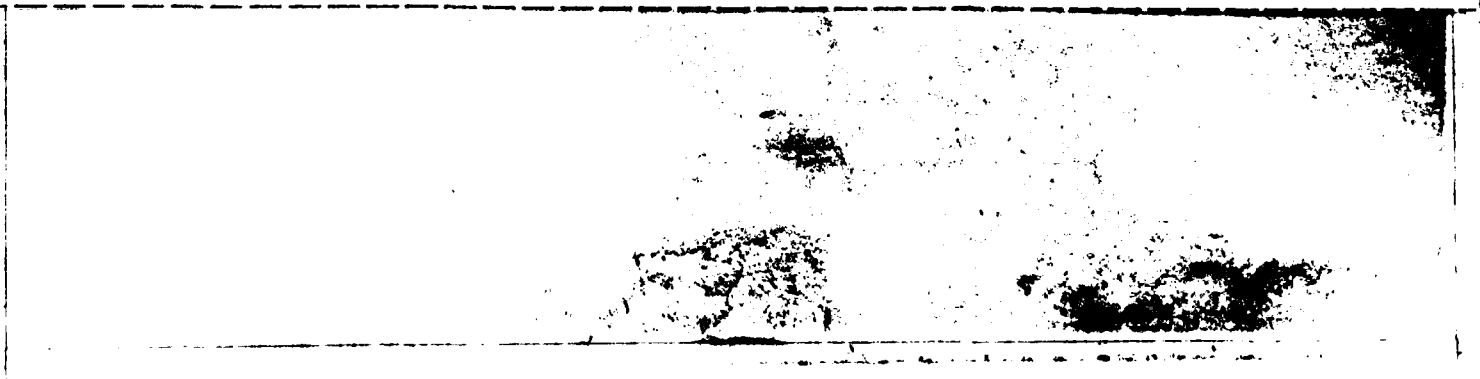
JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	1	1977			
2	1.34	34	1977			
3	0.32	8	1978			
4	1.16	29	1974			
5	2.76	70	1979			
6	1.19	30	1978			
7	2.15	55	1974			
8	0.78	20	1980			
9	1.13	29	1978			
10	0.73	19	1980			
11	1.54	39	1980			
12	0.51	13	1980			
13	1.49	38	1969			
14	1.05	27	1978			
15	1.28	33	1979			
16	1.59	40	1973			
17	0.30	8	1979			
18	1.31	33	1973			
19	3.29	84	1969			
20	1.56	40	1962			
21	0.69	18	1969			
22	0.73	19	1967	T	T	1962
23	0.93	24	1981	T	T	1962
24	2.13	54	1969			
25	1.22	31	1969			
26	0.94	24	1961			
27	0.43	11	1981			
28	1.71	43	1980			
29	0.27	7	1981			
30	1.21	31	1966			
31	1.03	26	1963			
Monthly	3.29	84	1969	T	T	1962

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.26	57	1960			
2	1.55	39	1975			
3	0.13	3	1973			
4	0.27	7	1973			
5	1.94	49	1978	T	T	1976
6	0.55	14	1966			
7	1.17	30	1962			
8	2.59	66	1962			
9	2.26	57	1962			
10	3.52	89	1962			
11	0.93	24	1973			
12	1.21	31	1978			
13	0.73	19	1979			
14	0.38	10	1980			
15	1.45	37	1980			
16	2.82	72	1980			
17	1.82	46	1980			
18	0.09	2	1969			
19	1.56	40	1962			
20	0.61	15	1980			
21	0.39	10	1962			
22	0.44	11	1979			
23	1.27	32	1969			
24	0.47	12	1973			
25	0.58	15	1969			
26	0.12	3	1969			
27	0.22	6	1973			
28	1.37	35	1970			
29	0.30	8	1960			
30						
31						
Monthly	3.52	89	1962	T	T	1976

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



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION: — STATION NAME: POINT HUGU, CALIFORNIA — YEARS: 1960-1982

MARCH (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.04	26	1978			
2	1.72	44	1980			
3	0.42	11	1963			
4	1.57	40	1978			
5	0.66	17	1980*			
6	1.06	27	1965			
7	1.56	40	1968			
8	0.84	22	1968			
9	0.52	13	1978			
10	0.28	7	1969			
11	0.10	3	1978			
12	0.33	8	1967			
13	0.55	14	1968			
14	0.40	10	1982			
15	0.55	14	1961			
16	0.90	23	1982			
17	0.44	11	1982			
18	0.21	5	1979			
19	0.57	14	1981			
20	0.80	20	1973			
21	0.21	5	1978			
22	0.85	22	1978			
23	0.32	8	1964			
24	0.33	8	1977			
25	1.09	28	1977			
26	0.48	12	1979			
27	1.99	51	1979			
28	1.14	29	1963			
29	0.15	4	1982			
30	0.70	18	1978			
31	0.71	18	1978			
Monthly	1.99	51	1979			

APRIL (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.65	17	1982			
2	0.24	6	1965			
3	0.70	18	1965			
4	0.29	7	1965			
5	0.47	12	1969			
6	0.31	8	1978			
7	0.08	2	1967			
8	1.33	34	1965			
9	0.95	24	1965			
10	0.24	6	1967			
11	0.17	4	1967			
12	0.24	6	1976			
13	0.03	1	1976			
14	0.77	20	1971			
15	0.67	17	1978			
16	0.07	2	1975			
17	0.02	1	1971			
18	0.65	17	1967			
19	0.12	3	1967			
20	0.19	5	1963			
21	0.47	12	1967			
22	0.23	6	1961			
23	0.09	2	1967			
24	0.03	1	1975			
25	0.25	6	1963			
26	0.82	21	1960			
27	0.10	3	1960			
28	0.34	9	1980			
29	T	T	1967*			
30	T	T	1968			
31						
Monthly	1.33	34	1965			

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

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION: | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 1960-1982

MAY (MONTH)

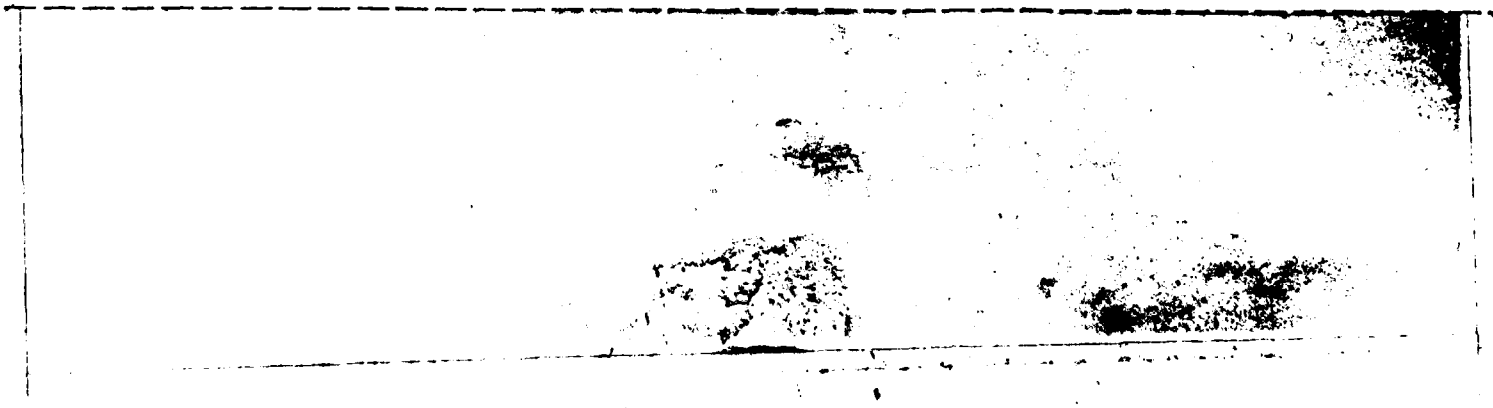
DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.37	9	1980			
2	T	T	1981*			
3	T	T	1978*			
4	0.01		1964			
5	T	T	1980*			
6	0.04	1	1971			
7	0.11	3	1977			
8	0.64	16	1977			
9	0.26	7	1963			
10	0.02	1	1980			
11	T	T	1977*			
12	T	T	1981*			
13	T	T	1981*			
14	T	T	1975*			
15	T	T	1975*			
16	T	T	1976*			
17	T	T	1973*			
18	0.01		1965			
19	0.05	1	1972			
20	0.03	1	1980			
21	0.02	1	1980			
22	T	T	1982*			
23	0.02	1	1969			
24	0.01		1977			
25	T	T	1982*			
26	0.01		1966			
27	0.01		1971			
28	0.13	3	1971			
29	T	T	1975*			
30	T	T	1981*			
31	0.02	1	1969			
Monthly	0.64	16	1977			

JUNE (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1981*			
2	T	T	1981*			
3	T	T	1974*			
4	T	T	1979*			
5	T	T	1979*			
6	0.04	1	1979			
7	T	T	1981*			
8	0.11	3	1964			
9	0.05	1	1976			
10	0.18	5	1976			
11	0.19	5	1963			
12	T	T	1979*			
13	0.02	1	1962			
14	T	T	1975*			
15	T	T	1975*			
16	T	T	1975*			
17	T	T	1972*			
18	T	T	1972*			
19	T	T	1965*			
20	0.01		1961			
21	T	T	1982*			
22	T	T	1982*			
23	T	T	1977*			
24	T	T	1977*			
25	T	T	1977*			
26	T	T	1977*			
27	T	T	1977*			
28	T	T	1973*			
29	T	T	1982*			
30	T	T	1974*			
31						
Monthly	0.19	5	1963			

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

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	POINT MUGU, CALIFORNIA	1960-1982

JULY (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1980*			
2	0.01		1980			
3	T	T	1967*			
4	T	T	1967			
5	T	T	1973*			
6	T	T	1973*			
7	T	T	1968			
8	T	T	1973*			
9	T	T	1979*			
10	0.02	1	1974			
11	0.12	3	1969			
12	T	T	1973			
13	T	T	1982*			
14	T	T	1974			
15	T	T	1976*			
16	T	T	1979*			
17	T	T	1979*			
18	T	T	1978*			
19	T	T	1981*			
20	T	T	1981*			
21	T	T	1980*			
22	T	T	1976*			
23	T	T	1978*			
24	T	T	1978*			
25	T	T	1979*			
26	T	T	1979*			
27	T	T	1979*			
28	T	T	1976*			
29	T	T	1977*			
30	T	T	1980*			
31	0.02	1	1977			
Monthly	0.12	3	1969			

AUGUST (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1978*			
2	T	T	1978*			
3	T	T	1979*			
4	T	T	1975*			
5	0.01		1978			
6	T	T	1981*			
7	0.02	1	1968			
8	0.03	1	1963			
9	T	T	1978			
10	0.03	1	1978			
11	T	T	1978*			
12	0.01		1972			
13	T	T	1982*			
14	T	T	1973*			
15	T	T	1976*			
16	0.06	2	1977			
17	0.98	25	1977			
18	0.07	2	1964			
19	T	T	1981*			
20	T	T	1970*			
21	T	T	1975*			
22	T	T	1977*			
23	T	T	1982*			
24	T	T	1982			
25	T	T	1968			
26	T	T	1973*			
27						
28	T	T	1976			
29	T	T	1977*			
30	T	T	1981*			
31	T	T	1977*			
Monthly	0.98	25	1977			

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	POINT MUGU, CALIFORNIA	1960-1982

SEPTEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1980*			
2	T	T	1980*			
3	0.02	1	1972			
4	0.39	10	1963			
5	1.03	26	1978			
6	0.14	4	1978			
7	T	T	1972			
8	T	T	1981*			
9	T	T	1981*			
10	0.66	17	1976			
11	0.07	2	1976			
12	T	T	1974*			
13	T	T	1980*			
14	0.01		1973*			
15	0.04	1	1976			
16	0.08	2	1961			
17	T	T	1978*			
18	0.05	1	1963			
19	0.12	3	1963			
20	T	T	1981*			
21	T	T	1981			
22	T	T	1981*			
23	0.04	1	1967			
24	0.03	1	1967			
25	T	T	1981*			
26	0.07	1	1977			
27	T	T	1981*			
28	2.29	58	1976			
29	1.92	49	1976			
30	0.08	2	1981			
31						
Monthly	2.29	58	1976			

OCTOBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.05	1	1981			
2	0.02	1	1968			
3	0.02	1	1968			
4	T	T	1979*			
5	0.02	1	1966			
6	T	T	1980*			
7	0.05	1	1973			
8	0.13	3	1973			
9	T	T	1980			
10	0.02	1	1975			
11	0.03	1	1975			
12	T	T	1971			
13	0.11	3	1968			
14	0.52	13	1969			
15	0.30	8	1963			
16	0.28	7	1963			
17	T	T	1977*			
18	T	T	1977*			
19	0.06	2	1979			
20	0.11	3	1979			
21	T	T	1977*			
22	0.01		1973			
23	0.04	1	1973			
24	0.02	1	1971			
25	T	T	1979			
26	T	T	1979*			
27	0.20	5	1964			
28	0.45	11	1974			
29	0.21	5	1964			
30	0.04	1	1975			
31	0.01		1974			
Monthly	0.52	13	1968			

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 1960-1982 (YEARS)

NOVEMBER (MONTH)

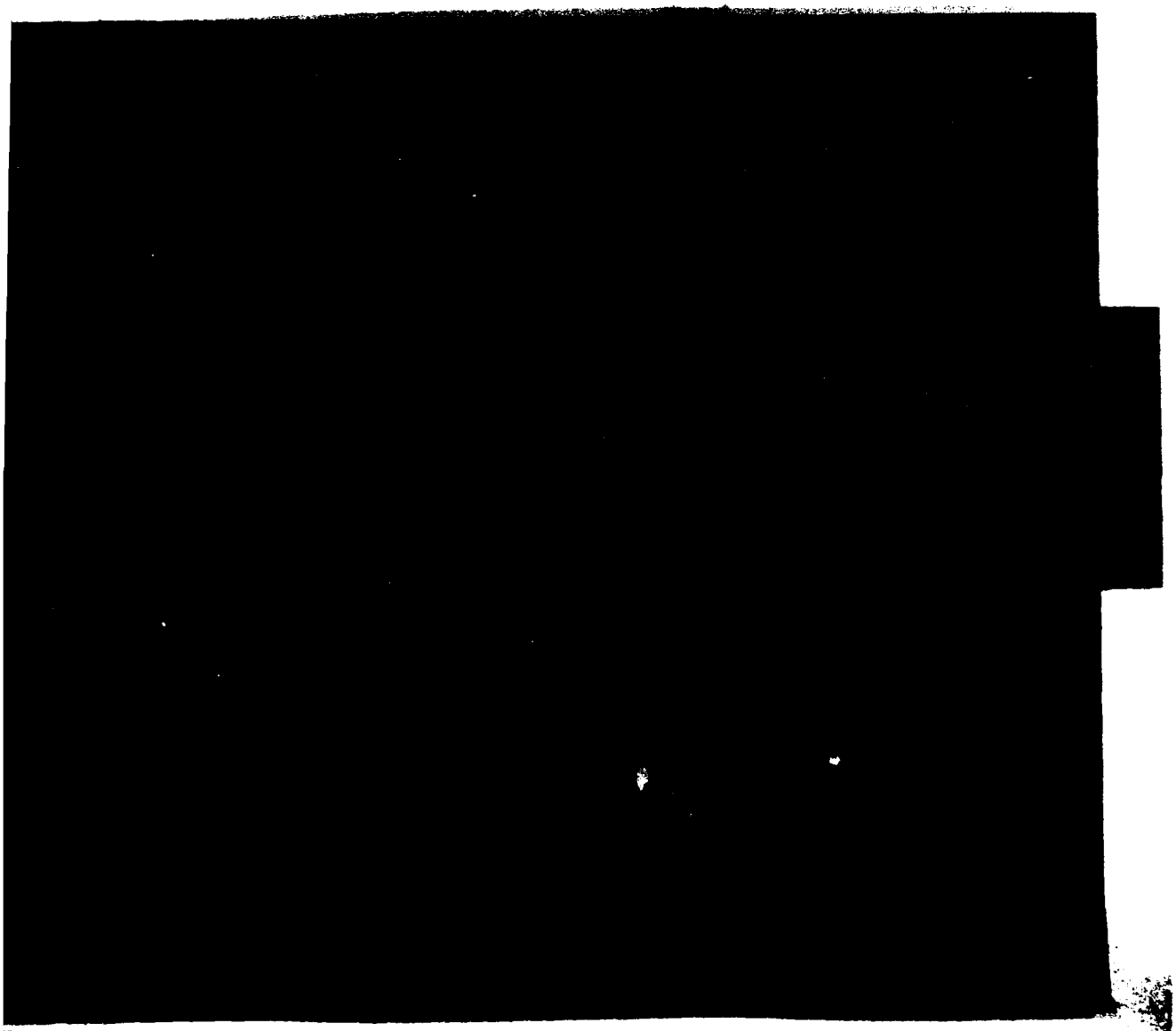
DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	T	T	1964*			
2	0.01		1962			
3	[illegible]	19	1960			
4	[illegible]	2	1972			
5	1.14	29	1960			
6	1.53	39	1969			
7	[illegible]	55	1979			
8	.16	4	1964			
9	[illegible]	9	1964			
10	0.29	7	1964			
11	[illegible]	7	1978			
12	.16	4	1960			
13	[illegible]	9	1978			
14	[illegible]	30	1965			
15	[illegible]	25	1963			
16	[illegible]	52	1965			
17	0.72	18	1972			
18	[illegible]	20	1967			
19	1.69	43	1967			
20	1.63	41	1961			
21	.23	57	1967			
22	1.49	38	1965			
23	[illegible]	2	1965			
24	[illegible]	15	1965			
25	1.23	31	1961			
26	1.02	26	1960			
27	[illegible]	23	1981			
28	1.32	34	1970			
29	[illegible]	52	1970			
30	0.68	17	1982			
31						
Monthly	[illegible]	97	1967			

DECEMBER (MONTH)

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.76	19	1973			
2	0.73	19	1966			
3	1.06	27	1974			
4	1.19	30	1974			
5	0.79	20	1966			
6	0.30	8	1966			
7	0.06	2	1972*			
8	0.07	2	1972*			
9	0.09	2	1963			
10	0.18	5	1968			
11	0.07	2	1965			
12	0.20	5	1971			
13	0.04	1	1961			
14	0.18	5	1965			
15	0.07	2	1968			
16	0.25	6	1970			
17	0.42	11	1978			
18	1.95	50	1970			
19	1.10	28	1964			
20	0.74	19	1964			
21	0.61	15	1970			
22	1.09	28	1971			
23	0.26	7	1971			
24	1.21	31	1979			
25	0.51	13	1971			
26	0.59	15	1977			
27	1.26	32	1971			
28	1.11	28	1974			
29	2.18	55	1965			
30	0.75	19	1976			
31	0.05	1	1976			
Monthly	2.18	55	1965			

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

DIRNAVOCEANMET–SMDS



ioCD, Federal Building
sheville, N. C.

ART C SURFACE WINDS

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

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.

C

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

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

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

   (1) Annual - all hours combined

   (2) By month - all hours combined

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

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

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible] 33 W	47 WSW	42 WSW	50 WNW	43 W	35 SE	33 SE	25 SSE	29 W	36 SE	48 NE	54 NE	58
[illegible]	[illegible] 39 NE	49 WNW	39 W	42 W	37 SE	21 SSE	28 SSE	24 WNW	19 ENE	33 ENE	36 NE	47 ENE	54
[illegible]	[illegible] 61 N	47 W	47 W	33 W	31 WSW	22 WSW	20 SSE	21 WSW	18 W	34 [illegible]	28 N	31 ENE	61
[illegible]	[illegible] 43 N	32 ESE	40 [illegible]	36 W	31 W	23 W	20 SSE	20 ESE	19 NE	29 NE	31 ENE	36 NE	43
[illegible]	[illegible] 39 NE	46 W	43 [illegible]	57 W	37 W	29 W	21 S	16 SSE	22 S	30 W	30 SE	37 W	[illegible]
5	[illegible] 37 NE	35 WSW	36 WNW	32 W	33 W	29 WNW	21 SSE	21 NE	37 NE	33 SE	39 NE	31 SE	39
6	[illegible] 47 N	39 N	41 W	31 W	29 S	27 W	20 S	23 SE	32 ENE	41 ENE	33 WSW	34 ENE	47
7	[illegible] 43 NE	41 W	32 W	35 NE	34 [illegible]	21 SSE	27 W	19 SE	27 ENE	43 WNW	32 ENE	41 ENE	43
8	[illegible] 3 NE	24 SE	33 ENE	37 W	24 WNW	28 SSE	22 W	24 NE	31 NE	27 ENE	35 ENE	40 ENE	42
9	[illegible] 34 NE	35 ENE	39 [illegible]	33 WNW	31 [illegible]	21 NE	26 SE	21 W	19 ENE	40 ENE	41 NNW	31 ENE	41
70	ENE 33	ENE 49	NE 37 [illegible]	43 ENE	29 W	21 W	22 W	19 NE	40 NE	41 SE	49 S	41 ENE	49
71	[illegible] 34	2[illegible] 42	27 33	27 36	27 27	27 19	27 18	27 20	27 31	27 30	SE 38	14 41	14 41
72	41	06 34	27 29	28 34	16 27	18 21	15 26	27 20	15 19	12 30	16 39	05 44	06 45
73	16 [illegible]	22 33	28 33	28 34	27 26	28 25	15 23	27 20	05 [illegible]	05 30	27 34	01 27	16 [illegible]
74	09 34	05 33	13 27	26 33	27 33	09 27	WNW 20	27 14	14 16	29 29	27 23	[illegible] 34	05 [illegible]
75	27 [illegible]	05 25	27 31	27 28	27 31	08 24	12 27	15 14	27 14	27 29	15 [illegible]	26 [illegible]	27 [illegible]
76	[illegible] [illegible]	28 27	27 28	27 37	27 17	16 18	14 17	25 17	14 24	04 35	07 45	06 [illegible]	07 45
77	29 45	27 24	07 42	27 27	28 37	29 19	13 24	17 18	25 19	29 17	27 26	06 37	29 45
78	13 32	14 40	13 35	29 31	04 27	29 21	29 20	14 18	05 35	05 34	07 36	29 36	14 [illegible]
79	12 41	05 47	29 34	27 32	27 39	27 22	13 20	23 20	18 18	27 26	16 27	06 34	12 41
80	29 31	15 34	29 31	06 41	28 39	18 25	15 24	12 20	14 24	04 42	07 36	08 34	04 42
81	19 27	06 43	28 37	30 29	29 06	35 16	24 27	16 08	34 03	34 30	32 30	26 06	43
82													
MEAN	3 .7	37.3	36.4	35.7	31.4	23.8	22.9	19.6	25.2	32.7	35.5	36.5	44.8
S.D.	[illegible].124	7.267	5.315	6.175	5.924	4.117	3.796	2.904	7.750	6.212	7.731	7.249	6.450
TOTAL OBS.	661	621	682	658	679	656	679	679	659	678	658	661	8008

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

.11 | POINT MUGU, CALIFORNIA | 6[illegible]
STATION | STATION NAME | YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible] 3306	3726	2929	2929	2329	1916	1728	1817	1506	3929	4205	[illegible]	WIND
	11	14	[illegible]	5	25	11	14	23	5	22	14	11	DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JAN

CLASS: ALL WEATHER

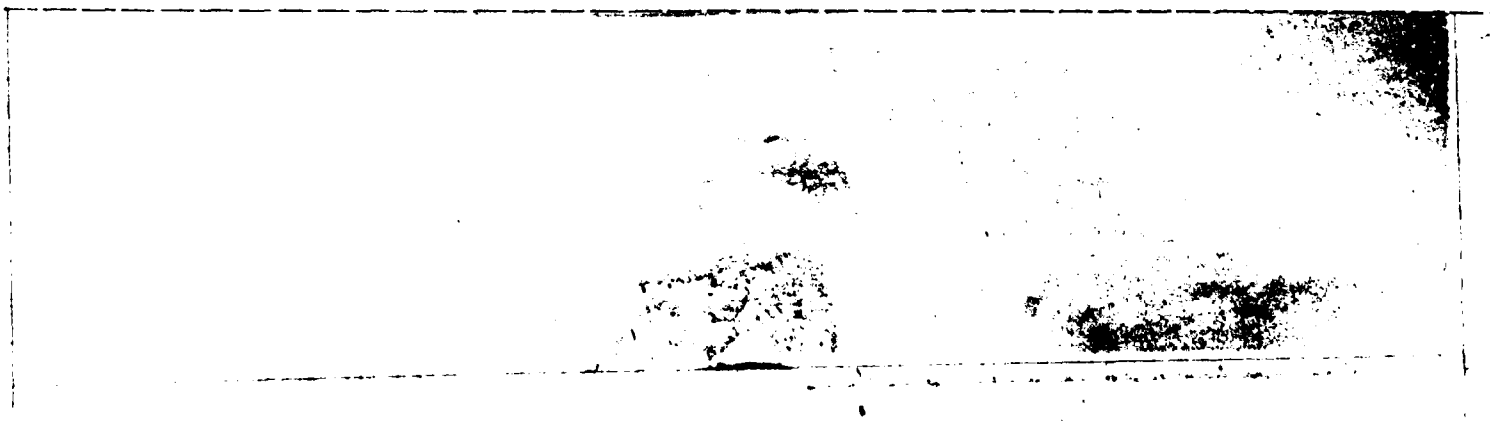
CONDITION:

HOURS (L.S.T.): 01

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]4	[illegible]1	[illegible]									17.1	3.5
NNE	[illegible]7	[illegible]	[illegible]									16.[illegible]	4.3
NE	[illegible]2	3.5	4.2	2.3	.6							15.[illegible]	6.5
ENE	[illegible]3	1.6	[illegible]	2.3	1.0							10.[illegible]	8.5
E	1.[illegible]	1.3	1.[illegible]	.3								4.[illegible]	[illegible]
ESE		.[illegible]		.3								.6	8.0
SE		1.[illegible]	.[illegible]									1.6	5.6
SSE		1.[illegible]	.6									1.9	[illegible]
S	1.[illegible]	.3	.3		.3							2.3	5.9
SSW													
SW	.[illegible]		.[illegible]									1.[illegible]	[illegible]
WSW	.[illegible]	.[illegible]										.[illegible]	4.5
W	.[illegible]	.[illegible]	.3	1.[illegible]	.[illegible]							[illegible].[illegible]	9.1
WNW		.[illegible]	.[illegible]									.[illegible]	[illegible]
NW	.[illegible]	.6		.3								1.3	6.3
NNW	[illegible].3	1.[illegible]		.[illegible]								4.5	3.6
VARBL													
CALM												18.4	
	31.[illegible]	26.5	14.5	6.8	[illegible].3							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
111	POINT MUGU, CALIFORNI	73-82	JAN

CLASS: ALL WEATHER

HOURS (L.S.T.): 04

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.2	6.8	1.6									21.3	3.5
NNE	7.4	2.9	1.6	.3								14.2	3.5
NE	9.5	3.9	1.9	2.6	.3	.6						18.8	6.7
ENE	7.3	.6	3.2	3.9	.3							10.3	9.5
E	1.6	.6	.6	1.0		.3						4.2	7.2
ESE													
SE	.6	.6	1.0	.3								2.6	6.9
SSE	.6	.3	.3	.3								1.6	6.8
S	.3	.3	.3	.3								1.3	7.5
SSW													
SW			.3									.3	8.0
WSW	.3	.3	.6									1.6	5.6
W	.6		.3		.3							1.3	8.8
WNW	1.6	.3	1.0	.6	.3							3.9	7.3
NW	.6	.6		.3								1.6	5.8
NNW	1.3	2.3										4.2	3.5
VARBL													
CALM												16.8	
	38.1	20.3	12.8	9.7	1.3	1.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-92	JAN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 07

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	11.0	9.1	.3									20.3	3.4
NNE	9.7	7.4	1.6									17.7	3.9
NE	5.8	2.9	1.9	2.9	.3	.6						14.5	7.3
ENE	3.5	1.3	2.0	4.8	.6							12.9	9.2
E	3.3	1.9	1.6	.3								5.5	5.0
ESE	.6		.3	.3								1.3	5.8
SE	.3	.3	.3									1.0	4.7
SSE		.3	.3	.3								1.0	9.7
S	.3	.3	.3	.3								1.3	7.8
SSW		1.0		.3								1.3	7.3
SW													
WSW													
W			.3	.6								1.0	11.7
WNW	.3	.3	.3			.3						1.3	9.8
NW	.3	.6										1.0	4.0
NNW	3.6	3.2	.3									6.1	3.8
VARBL													
CALM												13.9	
	36.3	27.4	10.0	10.0	1.0	1.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JAN

CLASS: ALL WEATHER

HOURS (L.S.T.): 10

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	4.9	.7									10.4	3.2
NNE	5.3	4.2	2.6	.6	.3							13.0	5.1
NE	7.0	5.2	1.0	4.9	1.6	.3						16.5	8.7
ENE	2.5	.6	3.6	4.2	.6							11.3	9.6
E	1.0	.3	1.3	1.9	.6							5.2	10.4
ESE	.7	.6	1.3	1.0								3.2	7.3
SE	.7	.3	.6									1.3	6.3
SSE	1.6	1.6	.6		.3							3.6	6.0
S	1.6	.4	.3									2.4	3.0
SSW		.3	.3		.3							1.0	10.3
SW				.3								.3	11.0
WSW	.4	.6										1.0	3.6
W	.6		1.0	1.6	.3	.3						3.2	11.1
WNW	1.6		.3	1.3								3.2	6.6
NW	1.0	1.0										1.9	3.3
NNW	1.7	1.0										2.9	3.4
VARBL													
CALM												18.4	
	31.2	22.0	13.3	15.2	4.2	.4						100.3	5.6

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT MUGU, CALIFORNIA	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.5	.3	.3	1.0								1.7	9.8
NE		.3	2.3	3.5	1.3	.3						7.7	13.3
ENE	.7		1.0	3.2		.6						6.1	12.5
E			.5	.6		.7						1.8	12.2
ESE	.5	.3	.6	.3								1.9	6.3
SE	.7	1.0	1.3	1.0	.6							4.2	9.9
SSE	.3	3.5	2.6		.3							6.8	7.3
S	1.9	4.5	5.2	.6								12.3	6.3
SSW	1.7	4.3	2.0									9.2	5.5
SW	1.9	3.2	.3		.3							7.7	5.1
WSW	1.8	2.9	1.8									6.1	5.2
W	1.3	9.7	7.4	2.6	1.6							22.6	7.6
WNW	1.3	2.6	1.6	1.0	.6	.7						7.4	8.2
NW	.7	.6	.6	.3								1.9	7.8
NNW	.7	1.3	.3									1.8	5.2
VARBL													
CALM												1.0	
	11.7	36.8	29.7	14.2	4.8	1.8						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 1[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.0
NNE	.3	.6	.6									1.9	5.3
NE	.[illegible]	1.3	2.9	2.9	1.3	.3						9.4	10.6
ENE		1.[illegible]	1.3	1.6	.3	.3						4.5	11.3
E			.3									.3	10.0
ESE			.6			.3						1.0	13.7
SE		.[illegible]	1.3	.3								1.[illegible]	6.3
SSE		1.9	1.6	.6								4.2	7.2
S	1.[illegible]	3.5	2.9	.3	.6							9.0	6.8
SSW	[illegible].9	5.5	.3	.3								9.0	4.4
SW	1.[illegible]	1.9	.3									3.2	4.1
WSW	2.3	1.9	1.[illegible]	.3								5.[illegible]	4.9
W	4.[illegible]	11.[illegible]	5.2	2.9	2.6							26.5	7.3
WNW	[illegible].3	4.2	7.4	1.[illegible]	.6	.3						15.[illegible]	7.5
NW	1.[illegible]	.[illegible]	.6	.3								3.2	4.9
NNW													
VARBL													
CALM												4.2	
	1[illegible].1	33.[illegible]	26.5	10.6	5.5	1.3						1[illegible].[illegible]	7.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	7[illegible]-82	JAN

CLASS: ALL WEATHER

HOURS (L S T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	1.[illegible]	.[illegible]									6.[illegible]	3.3
NNE	2.[illegible]	1.3	.[illegible]	.6								4.[illegible]	4.7
NE	[illegible].9	4.5	1.9	1.6	.3							12.3	6.1
ENE	[illegible].9	.[illegible]	1.6	2.6	.3							8.7	7.4
E	1.[illegible]	1.[illegible]	.6									2.[illegible]	4.6
ESE	.6		.[illegible]									1.0	3.7
SE	1.[illegible]	1.	1.[illegible]		.[illegible]							4.[illegible]	5.6
SSE	.[illegible]	1.3	.6	.3								2.[illegible]	6.2
S	1.[illegible]	1.[illegible]										[illegible].2	3.3
SSW	1.[illegible]	.[illegible]	.[illegible]									2.[illegible]	[illegible].9
SW	1.[illegible]	.[illegible]										1.[illegible]	2.6
WSW	.[illegible]			.[illegible]								.[illegible]	7.[illegible]
W	1.[illegible]	.[illegible]	2.6	1.0	.3	.3						[illegible].[illegible]	[illegible].8
WNW	1.6	1.[illegible]	1.6	1.6	.6							6.[illegible]	8.7
NW	2.[illegible]	1.3	.6									4.5	4.0
NNW	3.[illegible]	1.[illegible]										5.[illegible]	2.8
VARBL													
CALM												25.[illegible]	
	33.[illegible]	12.1	12.6	8.1	1.9	.[illegible]						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNI[illegible]	73-[illegible]2	JA[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 22

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	[illegible].1	1.[illegible]									1[illegible].1	3.[illegible]
NNE	[illegible].[illegible]	7.1	3.[illegible]	.6								15.[illegible]	5.3
NE	3.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.0		.[illegible]						1[illegible].[illegible]	6.4
ENE	1.[illegible]	1.[illegible]	1.[illegible]	2.3	.6							[illegible].1	[illegible].7
E	[illegible].[illegible]		.[illegible]	1.[illegible]								3.[illegible]	5.7
ESE			1.[illegible]									1.[illegible]	[illegible].[illegible]
SE	1.0	.[illegible]	.[illegible]									[illegible].3	4.1
SSE	.[illegible]	1.3	.[illegible]	.[illegible]								2.3	6.4
S	1.[illegible]		.[illegible]		.[illegible]	.[illegible]						2.[illegible]	7.6
SSW				.[illegible]								.[illegible]	12.[illegible]
SW					.[illegible]							.3	17.[illegible]
WSW			.[illegible]	.3								1.[illegible]	[illegible].7
W	1.[illegible]	1.[illegible]	1.[illegible]	1.0								4.2	7.2
WNW	.[illegible]	1.[illegible]	1.[illegible]	.3	.3							3.[illegible]	[illegible].2
NW	1.[illegible]	1.3	.[illegible]									[illegible].[illegible]	3.8
NNW	[illegible].[illegible]	.[illegible]										5.[illegible]	2.6
VARBL													
CALM												18.4	
	32.[illegible]	24.[illegible]	14.[illegible]	7.4	1.6	1.[illegible]						1[illegible].[illegible]	4.6

TOTAL NUMBER OF OBSERVATIONS: 31[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

11	POINT MUGU, CALIFORNIA	73-82	JAN
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	4.7	5.3	.6									11.6	3.4
NNE	4.1	3.7	1.7	.4	.0							10.0	4.6
NE	3.6	3.1	2.3	2.7	.7	.4						12.9	7.8
ENE	2.1	.7	2.1	3.1	.5	.1						9.1	9.3
E	1.7	.5	.7	.6	.1	.1						3.4	6.9
ESE	.3	.2	.6	.2		.0						1.3	7.6
SE	.7	.7	.8	.2	.1							2.4	6.8
SSE	.8	1.5	.8	.2	.1							3.0	6.8
S	1.7	1.4	1.3	.2	.2	.0						4.4	6.1
SSW	.8	1.3	.6	.2	.0							3.0	5.4
SW	.6	.9	.3	.0	.1							1.9	5.0
WSW	.7	.8	.6	.1								2.1	5.3
W	1.3	2.3	2.3	1.3	.7	.1						8.4	7.9
WNW	1.2	1.2	1.7	.7	.3	.1						5.2	7.8
NW	1.1	.6	.3	.2								2.4	4.7
NNW	2.1	1.7	.1	.0								3.9	3.4
VARBL													
CALM												14.5	
	27.8	26.1	16.9	10.2	2.8	.8						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2479

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

: 1 (STATION) | POINT MUGU, CALIFORNI (STATION NAME) | 73-77 (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS)

01 (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	4.3	.6	.4								13.[illegible]	3.5
NNE	5.7	7.4		.4								13.[illegible]	3.9
NE	2.[illegible]	3.[illegible]	3.[illegible]	1.1								10.7	4.3
ENE	[illegible]	.7	.4	2.1		.4						6.4	7.4
E	2.	.7	1.4									4.[illegible]	4.4
ESE	1.1				.4							1.4	6.3
SE	.[illegible]	.4	1.4	.4								2.[illegible]	7.[illegible]
SSE	.4	1.[illegible]	.4									2.[illegible]	5.0
S		1.4		.7								2.1	7.3
SSW		1.1		.4	.4							1.[illegible]	8.4
SW													
WSW		.4	.4									.7	6.5
W		1.1	1.4	.4								3.[illegible]	7.6
WNW		1.1		.7								1.[illegible]	7.8
NW	3.[illegible]	1.4										5.[illegible]	2.5
NNW	3.[illegible]	2.1	.7									6.4	3.7
VARBL													
CALM												23.[illegible]	
	31.7	39.1	9.3	5.4	.7	.4						100.[illegible]	3.9

TOTAL NUMBER OF OBSERVATIONS [illegible]21

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

11	POINT MUGU, CALIFORNI	73-82	F
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

14
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	4.2										12.	7.2
NNE	5.6	3.9	.7	.4								13.	7.4
NE	7.4	5.3	2.1	1.4			.4					16.7	5.3
ENE	4.6	1.5	1.	2.1		.4						10.	6.3
E	3.1	1.4	1.1									4.6	4.1
ESE		.4	1.4									1.8	7.8
SE			.	.4								.7	10.5
SSE	.4		.4		.4							1.1	10.7
S	.7			.4	.4							1.6	8.
SSW	.4	.4	.4									1.1	4.7
SW	.4		.4									.7	6.5
WSW	.7	.4										1.1	3.3
W		.4		.4								.7	9.
WNW				1.1								1.1	14.0
NW	1.1	.4										1.4	2.0
NNW	2.	3.9	.4									7.1	3.4
VARBL													
CALM												22.7	
	33.8	22.7	8.9	6.0	.7	.4	.4					100.	7.7

TOTAL NUMBER OF OBSERVATIONS 1[illegible]2

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	[illegible]

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1[illegible].	4.7	1.1									1.6	[illegible]
NNE	.[illegible]	[illegible].2	1.1									1.[illegible]	[illegible].7
NE	[illegible].7	2.4	2.1	1.1	.4							12.[illegible]	[illegible].7
ENE	.1	1.1	2.[illegible]	[illegible].5	.4							[illegible].[illegible]	[illegible].3
E	.1	.[illegible]	.7									3.[illegible]	[illegible].2
ESE	.[illegible]		.[illegible]	.4								1.[illegible]	[illegible].[illegible]
SE			.[illegible]	.7								1.[illegible]	11.5
SSE		.[illegible]										.[illegible]	[illegible].1
S	1.1	.4		.4								1.[illegible]	[illegible].6
SSW	.[illegible]		.[illegible]									.[illegible]	[illegible].[illegible]
SW			.[illegible]	.4								.[illegible]	11.[illegible]
WSW	.[illegible]	.[illegible]										1.1	[illegible].[illegible]
W	.[illegible]			.4			.4					1.1	1[illegible].3
WNW	1.[illegible]	.4	.4									[illegible].1	[illegible]
NW	1.1	.[illegible]										1.[illegible]	[illegible].4
NNW	[illegible].[illegible]	[illegible].[illegible]										7.[illegible]	[illegible].2
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	2[illegible].[illegible]	1[illegible].[illegible]	9.7	.7		.4					1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | [illegible] MOON, CALIFORNIA (STATION NAME) | 73-[illegible] (YEARS) | FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-[illegible]2	FEB

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]											.4	3.0
NNE		.4	.7	.7								1.[illegible]	9.2
NE		.7	1.[illegible]	3.9								[illegible].4	11.8
ENE		1.1	.4	1.8	.7							3.[illegible]	11.4
E			1.1	.7								1.[illegible]	10.4
ESE		.[illegible]		1.1								1.[illegible]	11.5
SE	1.1		1.[illegible]	2.5								5.[illegible]	9.3
SSE		1.[illegible]	3.[illegible]	1.8								6.7	8.7
S	1.1	4.3	5.[illegible]	1.4	.7							12.4	7.8
SSW	1.[illegible]	7.4	2.[illegible]	.[illegible]								12.4	5.6
SW	.7	[illegible].6	1.[illegible]									6.[illegible]	[illegible].4
WSW	1.[illegible]	2.[illegible]	2.[illegible]	1.1								7.4	6.[illegible]
W	[illegible].1	[illegible].[illegible]	12.[illegible]	3.9	.4							25.[illegible]	[illegible].1
WNW	.7	.4	2.[illegible]	[illegible].5		.4						7.8	10.2
NW		.4	.7									1.1	[illegible].0
NNW													
VARBL													
CALM												.[illegible]	
	.[illegible]	2[illegible].4	37.6	22.7	1.8	.4						1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNI[illegible]	73-[illegible]	FEB

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 16

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	.[illegible]										.[illegible]	[illegible]
NNE			1.1									1.1	[illegible]
NE	.4	.4	1.1	1.4	.7							3.[illegible]	11.5
ENE			.[illegible]	1.1								1.4	11.6
E		.7										.7	5.0
ESE	.4	.4			.4							1.1	7.7
SE	.4	.4	.7	1.4								2.4	9.3
SSE	.4	1.[illegible]	2.[illegible]	.4		.4						5.7	8.2
S	1.4	3.[illegible]	[illegible].2	.7	.4							[illegible].2	7.2
SSW	[illegible].1	1.1	1.1		.4							4.6	5.6
SW	1.[illegible]	[illegible].2	1.[illegible]									[illegible].7	[illegible].8
WSW	[illegible].[illegible]	3.2	1.1									7.1	4.4
W	3.[illegible]	15.2	1[illegible].4	5.[illegible]	2.5							[illegible]6.[illegible]	7.8
WNW	1.1	2.[illegible]	1[illegible].6	1.4								15.6	8.[illegible]
NW	.[illegible]	.4	.4									1.1	5.7
NNW		.[illegible]										.4	6.0
VARBL													
CALM												1.1	
	14.[illegible]	33.3	34.[illegible]	11.3	[illegible].[illegible]	.[illegible]						1[illegible]0.	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]92

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-77	[illegible]

CLASS: ALL WEATHER

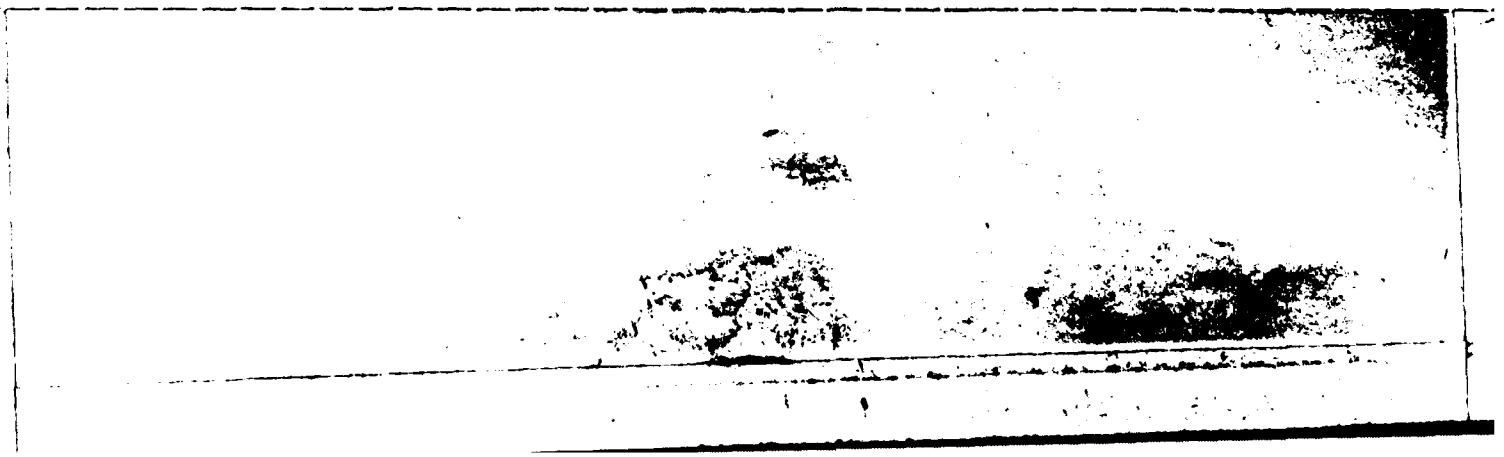
HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]		.4									3.2	2.4
NNE	2.[illegible]	.4										2.[illegible]	2.3
NE	2.[illegible]	1.1	2.1	.7	.4							6.7	[illegible].7
ENE	1.[illegible]	.7	1.4	1.1	.4							5.[illegible]	7.[illegible]
E	.7		.4									1.1	4.[illegible]
ESE	1.4		.7	.4								2.[illegible]	5.4
SE	.7	1.1	.4		.4							2.[illegible]	6.[illegible]
SSE	.4	.7	1.1	.4	.4							2.[illegible]	[illegible].1
S		1.[illegible]	1.4	1.1								4.[illegible]	[illegible].[illegible]
SSW	.7	.7	1.1									2.[illegible]	[illegible].0
SW	.7	.7										1.[illegible]	3.[illegible]
WSW	1.1	1.1										2.1	3.[illegible]
W	1.[illegible]	[illegible].2	2.[illegible]	3.5	.7							11.7	8.6
WNW	[illegible].[illegible]	3.[illegible]	.7	3.2	.4							12.[illegible]	[illegible].3
NW	[illegible].[illegible]	1.4										[illegible].[illegible]	2.9
NNW	[illegible].1	2.1	.4									4.[illegible]	4.[illegible]
VARBL													
CALM												28.7	
	27.[illegible]	1[illegible].4	12.[illegible]	10.3	2.5							100.[illegible]	4.3

TOTAL NUMBER OF OBSERVATIONS: 292

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT MUGU, CALIFORNIA	73-82	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

22 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	4.[illegible]	.4									10.[illegible]	[illegible]
NNE	[illegible]	[illegible]	.7									9.[illegible]	[illegible]
NE	3.[illegible]	4.6	2.1	.7	.4							11.[illegible]	5.[illegible]
ENE	2.[illegible]	2.1	1.[illegible]	.7	.7							7.[illegible]	6.7
E	1.[illegible]	.4	.7									2.[illegible]	[illegible]
ESE	.4	.4	.7	.7	.4							2.[illegible]	11.1
SE	.4	1.4		.7								2.[illegible]	[illegible]
SSE	.4		.7		.4							1.4	10.[illegible]
S	.4	.4	.7	1.1								2.5	[illegible]
SSW		.4										.4	6.0
SW	.4	.4	1.4									[illegible].1	[illegible].5
WSW				.4								.4	11.[illegible]
W	1.1	1.4	1.1	1.1	.4							[illegible].[illegible]	7.6
WNW	[illegible].2	1.4	.7									[illegible].[illegible]	[illegible].6
NW	4.3	[illegible]										4.6	2.4
NNW	[illegible].[illegible]	[illegible].[illegible]	.7			[illegible]						[illegible].[illegible]	4.4
VARBL													
CALM												21.[illegible]	
	3[illegible].[illegible]	24.1	11.7	5.3	[illegible].1	.4						1[illegible].[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS [illegible]92

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

?11	POINT MUGU, CALIFORNI?	73-82	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.4	.4	.0								7.[illegible]	3.3
NNE	4.7	3.5	.6	.3								9.0	3.9
NE	[illegible].1	2.[illegible]	2.1	1.8	.3	.[illegible]	.1					10.2	7.1
ENE	[illegible].1	1.0	1.3	1.7	.4	.1						6.6	7.9
E	1.4	.5	1.0	.2								3.1	5.2
ESE	.4	.4	.6	.4	.1							2.0	5.3
SE	.4	.4	.[illegible]	.8	.0							2.5	[illegible].5
SSE	.[illegible]	1.3	1.3	.4	.1	.0						3.[illegible]	7.7
S	.[illegible]	2.0	1.4	.7	.2							5.1	7.2
SSW	.7	1.4	.[illegible]	.1	.1							3.1	6.0
SW	.[illegible]	1.1	.[illegible]	.1								2.[illegible]	5.5
WSW	.[illegible]	1.2	.5	.2								2.[illegible]	5.1
W	1.2	3.[illegible]	3.7	1.8	.5		.0					11.[illegible]	7.9
WNW	1.6	1.3	2.[illegible]	1.2	.0	.[illegible]						6.[illegible]	7.2
NW	[illegible].1	.[illegible]	.2									3.0	3.2
NNW	2.4	2.[illegible]	.3			.[illegible]						4.7	3.8
VARBL													
CALM												16.7	
	[illegible].7	25.5	17.6	9.9	1.9	.3	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2295

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | MAR (MONTH)

ALL WEATHER (CLASS) | 01 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].7	5.5										14.2	3.1
NNE	[illegible].2	3.[illegible]	.7									9.[illegible]	3.5
NE	4.2	1.[illegible]	.7		.3							5.[illegible]	3.5
ENE	4.5		.6	.6								5.[illegible]	3.9
E	1.9	1.[illegible]	.6									3.2	4.5
ESE	.7	1.[illegible]	.7	1.3								2.6	9.0
SE	1.9	.3	.6	.3		.7						2.6	8.0
SSE	.6	.3	.3	.6								1.9	7.5
S	1.[illegible]		.7									1.[illegible]	5.[illegible]
SSW			.6									.6	[illegible].0
SW	.6		.6	.3								1.[illegible]	6.4
WSW	.3	1.[illegible]	.3									1.[illegible]	4.8
W	.7	1.6	1.3	1.0								4.2	7.7
WNW	1.7	1.3	3.[illegible]	1.[illegible]								7.1	7.2
NW	1.6	.6	.7	.3								2.[illegible]	5.1
NNW	4.[illegible]	.3										4.[illegible]	2.1
VARBL													
CALM												[illegible].7	
	3[illegible].4	17.4	10.[illegible]	5.[illegible]	.3	.3						100.[illegible]	3.3

TOTAL NUMBER OF OBSERVATIONS 310

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 04

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]7	4.5	.3									13.5	2.9
NNE	7.7	5.2	1.[illegible]									13.9	3.4
NE	9.4	2.6	1.[illegible]	.3	.3							13.5	3.5
ENE	3.[illegible]	1.3	.3	.3								5.[illegible]	3.7
E	2.3	1.6										3.[illegible]	3.1
ESE		.[illegible]	.3	.6								1.3	2.5
SE	.6	1.3			.3	.3						2.6	8.3
SSE	.5	.3		.6								1.6	6.6
S	.6	.6	.3	.3								1.[illegible]	5.3
SSW	.[illegible]	.6	.3									1.[illegible]	5.3
SW	.[illegible]	.[illegible]		.6								1.[illegible]	6.6
WSW													
W	.3	1.3	1.6	.3	.3							3.[illegible]	7.8
WNW	.[illegible]	1.6	1.3	.3								3.5	6.6
NW	1.[illegible]	1.[illegible]	.3									2.[illegible]	4.0
NNW	2.[illegible]	1.3										3.[illegible]	3.[illegible]
VARBL													
CALM												25.[illegible]	
	3[illegible].0	23.[illegible]	6.[illegible]	3.5	1.0	.[illegible]						1[illegible].[illegible]	3.2

TOTAL NUMBER OF OBSERVATIONS: 31[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 07 (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	19.7	6.5	.7									7.1	3.0
NNE	2.1	4.5	1.7									13.5	3.8
NE	4.5	3.9			.3							10.6	3.6
ENE	1.5	1.3	.6	1.3	.3							5.5	7.1
E	2.3	.6	.6	.6								4.7	5.3
ESE	.7				.3							.6	10.0
SE		.3	.6	1.3								2.3	11.4
SSE	.6	.3	.3									1.3	4.5
S	.3	.5	.6	.3								1.7	7.1
SSW	.7	.3										.9	4.5
SW	.6	.3										1.0	3.7
WSW	.6		.7									1.3	4.
W	.3	.3	1.6	1.9								4.2	7.5
WNW	1.5	.3	1.1									2.9	4.6
NW	1.0	.3	.6									1.9	4.5
NNW	2.3	1.3										3.6	3.2
VARBL													
CALM												23.5	
	41.3	21.0	7.7	5.5	1.0							100.5	3.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNI	[illegible]-62	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]	.[illegible]									1.[illegible]	3.[illegible]
NNE	.[illegible]	1.[illegible]	.[illegible]									1.[illegible]	[illegible].2
NE	1.[illegible]	.5	1.3	1.9								4.5	9.5
ENE	1.[illegible]	.5	1.[illegible]	1.[illegible]	.3	.[illegible]						4.[illegible]	9.[illegible]
E	1.[illegible]	.[illegible]	1.[illegible]	.[illegible]								3.[illegible]	5.[illegible]
ESE		.[illegible]	.[illegible]	.6								1.6	10.[illegible]
SE	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]								5.[illegible]	8.1
SSE	.[illegible]	[illegible].2	4.[illegible]	.6	.[illegible]							9.[illegible]	7.4
S	2.[illegible]	6.[illegible]	1.[illegible]	.6								11.0	5.2
SSW	1.[illegible]	2.3	.[illegible]									4.5	3.[illegible]
SW	1.[illegible]	.[illegible]										2.3	3.0
WSW	.[illegible]	1.6	1.[illegible]	.3								[illegible].[illegible]	4.[illegible]
W	.2	[illegible].4	[illegible].4	2.9								[illegible]1.[illegible]	[illegible].[illegible]
WNW	1.[illegible]	.[illegible]	1.[illegible]	1.3	.3	.3						[illegible].1	9.3
NW	1.[illegible]	.[illegible]	.[illegible]									1.[illegible]	3.5
NNW	[illegible].[illegible]	.[illegible]										4.5	2.4
VARBL													
CALM												[illegible].[illegible]	
	2[illegible].5	27.4	24.[illegible]	11.6	1.0	.[illegible]						1[illegible].[illegible]	5.[illegible]

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

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNIA	73-82	"A"
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1?
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• ?	• 4										1• .	3• 3
NNE			• ?	• ?	• 2							1•	13•7
NE		• '	• ^	1•6	• 3							2• 3	11•0
ENE				• 3								• ?	1•• 0
E		• ?		• 3								•6	9•5
ESE			1• '	• 5								1•6	10•8
SE		• ?	2•9	7•3	• 3							6•1	10•2
SSE	• ?	1•6	1•8	1•3								4•=	7•9
S		3• ?	5•2	1•3								10•3	7•7
SSW	• ?	4•2	1•6	• ?								6•5	6•1
SW	• ?	4•2	3•9									8•=	6•5
WSW	1• '	4• '	5•2	• 3								11•9	6•5
W	1• '	7•4	1•• 5	10•6	1•3	• ?						3•.1	9•7
WNW		1• '	1•?	2•3	•6	• ^						5•=	13•1
NW		• ?										• ?	5•5
NNW			• ^									• 3	8•0
VARBL													
CALM												• ?	
	5•2	2?•0	41•0	21•6	7•9	1•1						1?0•.	8•8

TOTAL NUMBER OF OBSERVATIONS ?1?

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] POINT MUGU, CALIFORNIA [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL YEARS
CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.8										.7	[illegible]
NNE		.7										.7	[illegible]
NE													
ENE		.7	.7	.6								1.0	[illegible]
E		.7										.7	[illegible]
ESE		.8	.8	.6								1.0	1.0
SE		.6	1.7	1.0								3.3	[illegible]
SSE	.9	.3	2.7	1.7								5.6	9.7
S	1.9	2.9	2.3	.6								6.7	[illegible]
SSW	1.7	1.9	.8									3.4	4.4
SW	.7	2.9	1.0									5.7	[illegible]
WSW	1.9	.1	3.9		.3							13.7	5.9
W	1.8	8.7	19.1	12.9	1.2	.4						43.7	9.9
WNW	.7	1.6	4.5	3.6	1.3	.7						11.7	10.4
NW	.9	.3	.3									1.9	[illegible]
NNW	.7											.7	[illegible]
VARBL													
CALM												1.9	
	.9	30.4	36.3	19.4	4.9	1.9						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	MAR

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7										1.8	3.0
NNE	1.4	.9	.6									2.9	5.4
NE	.4											.4	2.5
ENE	.7	.4	.3									1.4	4.0
E	.5											.5	3.0
ESE	.7	.3	1.0									1.9	6.6
SE	.5	.6	.7	.3	.3							1.9	5.3
SSE	.7	.7	1.4									2.8	6.7
S	.3	1.6	1.7			.7						4.3	5.7
SSW	1.1	.3	.7									2.1	3.7
SW	1.1	1.0										2.1	3.5
WSW	1.0	1.0	.4	.3								2.7	4.4
W	3.5	5.5	7.5	4.5	1.3							23.3	5.1
WNW	3.5	5.4	4.5	3.2	1.3	.9						18.7	8.2
NW	5.7	1.7	.7									6.4	2.7
NNW	1.4	.7	.7									2.8	3.4
VARBL													
CALM												11.7	
	25.4	22.3	17.5	8.4	2.9	.9						100.4	4.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] POINT MUGU, CALIFORNIA [illegible] [illegible]

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]

CLASS | HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.										10.	2.
NNE	.	2.	1.									7.	3.
NE	4.	1.	.		.							7.1	4.
ENE	1.	.		.								2.	.
E	.	.	.	.								1.	.
ESE	.	.	.	.								2.	3.
SE	.	1.	1.	.6								4.	6.6
SSE	.	.	.	.								1.	7.5
S	.	1.	1.	.3								2.	6.6
SSW													
SW													
WSW	.		.									.	3.
W	1.	1.	5.	2.3								10.	.
WNW	7.	7.	7.	3.								17.	5.6
NW	7.	.	1.									.	7.4
NNW	.	1.										7.	7.7
VARBL													
CALM												34.	
	31.9	1 .9	17.	6.	.							1 3.	7.

TOTAL NUMBER OF OBSERVATIONS [illegible]1

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	73-[illegible]	[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.6	.1									[illegible]	3.[illegible]
NNE	.4	2.2	.[illegible]	.0	.0							[illegible]	[illegible]
NE	.7	1.2	.4	.5	.2							[illegible]	4.7
ENE	1.7	.[illegible]	.4	.6	.1	.[illegible]						[illegible]	[illegible]
E	1.[illegible]	.[illegible]	.[illegible]	.2								[illegible]	4.[illegible]
ESE	.[illegible]	.4	.[illegible]	.5	.0							1.7	[illegible]
SE	.4	.[illegible]	1.1	.9	.1	.1						[illegible]	[illegible]
SSE	.[illegible]	.[illegible]	1.[illegible]	.6	.[illegible]							[illegible]	7.[illegible]
S	1.[illegible]	[illegible].2	1.[illegible]	.4		.[illegible]						[illegible]	6.2
SSW	.7	1.2	.[illegible]	.[illegible]								2.4	4.[illegible]
SW	.7	1.[illegible]	.[illegible]	.1								[illegible]	[illegible]
WSW	.[illegible]	[illegible].1	1.[illegible]	.1	.[illegible]							4.[illegible]	[illegible]
W	1.7	4.[illegible]	[illegible].[illegible]	4.4	.[illegible]	.1						[illegible]	[illegible]
WNW	1.[illegible]	[illegible].3	2.[illegible]	1.7	.4	.[illegible]						[illegible]	[illegible]
NW	1.[illegible]	.[illegible]	.[illegible]	.[illegible]								[illegible]	3.7
NNW	.[illegible]	.[illegible]	.1									[illegible]	2.[illegible]
VARBL													
CALM												17.[illegible]	
	[illegible].6	[illegible].7	[illegible].[illegible]	18.3	1.[illegible]	.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]478

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	77-82	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 01

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.7										[illegible]	2.9
NNE	[illegible]	[illegible]										[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									5.7	2.7
ENE	[illegible]	[illegible]	[illegible]		[illegible]							4.7	4.3
E	[illegible]	[illegible]										1.7	3.3
ESE	[illegible]											[illegible]	[illegible]
SE		[illegible]	[illegible]	[illegible]								1.7	7.2
SSE	[illegible]	1.7	[illegible]									2.7	4.5
S	[illegible]	[illegible]		[illegible]								1.7	[illegible]
SSW	[illegible]											[illegible]	2.0
SW	[illegible]	[illegible]										1.3	[illegible]
WSW	[illegible]	[illegible]										1.[illegible]	3.3
W	1.7	[illegible]	[illegible]	2.[illegible]								6.7	7.9
WNW	[illegible]	2.7	1.7	.7								[illegible]	5.1
NW	[illegible]											[illegible]	2.1
NNW	[illegible]	1.[illegible]										[illegible]	2.0
VARBL													
CALM												37.7	
	40.7	12.7	[illegible]	[illegible]	.3							1[illegible].[illegible]	2.4

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 24

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 07

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.7	3.7										17.[illegible]	2.6
NNE	11.[illegible]	2.										15.[illegible]	2.[illegible]
NE	7.7	2.[illegible]	.7	.3		.[illegible]						10.7	3.[illegible]
ENE	1.7	1.[illegible]	1.[illegible]	.7								4.7	5.5
E	3.7	1.										4.7	2.[illegible]
ESE	1.[illegible]		.[illegible]									2.3	2.3
SE	.[illegible]	.3										.7	3.5
SSE	.7	1.7			.3							2.[illegible]	6.7
S	.7	.3	.7									1.[illegible]	[illegible]
SSW		1.[illegible]										1.3	4.3
SW	.[illegible]											.[illegible]	[illegible]
WSW	.[illegible]	.7										.7	3.5
W	.7	.7	1.7	.7								3.7	7.5
WNW		1.[illegible]	1.[illegible]	.3								2.3	6.[illegible]
NW	[illegible].[illegible]											2.[illegible]	1.3
NNW	1.[illegible]	1.3		.3								2.7	4.6
VARBL													
CALM												13.7	
	41.7	15.3	4.7	2.3	.3	.[illegible]						100.[illegible]	2.4

TOTAL NUMBER OF OBSERVATIONS: 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	APR

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE			.7									.3	6.0
NE	.7	.7	1.0	1.3	.3							4.0	7.6
ENE				.7	.7	.3						1.3	13.3
E			.3	.3								.7	11.5
ESE		.7		.3								.7	7.5
SE		.7	1.7	1.3	.3							3.3	10.8
SSE	1.0	2.7	4.3	.3								8.0	6.6
S	1.7	7.0	5.3	.3								13.7	6.2
SSW	1.7	5.0	4.3									11.0	5.6
SW	1.7	3.7	.3									5.7	4.1
WSW	2.7	6.3	3.7									12.0	5.2
W	.7	11.7	12.3	4.0								31.0	7.1
WNW	.7	.7	.7	.7								2.7	7.1
NW	.3		.7	.3								1.0	7.7
NNW		.3										.3	6.0
VARBL													
CALM												3.7	
	12.7	59.7	33.0	9.3	1.3	.3						100.7	6.5

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): 1?

CONDITION:

SPEED (KNTS) DIR.	1 - 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		• ?										• 3	5.0
NE	• ?			• 3								• ?	7.5
ENE			• ?			• ?						• 7	16.5
E							• ?					• 3	11.0
ESE		• ?	• ?									• 7	7.0
SE	• ?	• 3	• ?	• 3								1.3	7.3
SSE		1.?	1.?	• 7								2.7	7.6
S	• 7	1.3	3.7	• 3								6.0	7.1
SSW		5.7	5.7	• 7								11.7	7.1
SW		3.?	4.3									8.?	6.2
WSW	1.?	5.7	7.?	• 7	• ?							14.7	7.3
W	• 3	4.7	27.0	12.3	1.0							43.3	9.4
WNW		1.?	3.7	1.7	1.0							7.3	10.4
NW													
NNW	• ?											• ?	3.0
VARBL													
CALM												• 0	
	2.3	27.7	49.0	17.0	2.3	• 3	• 3					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
111	POINT MUGU, CALIFORNIA	73-82	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.0
NNE													
NE													
ENE				.3		.7						.7	19.5
E													
ESE													
SE				.3								.3	11.0
SSE			.7									.3	7.0
S	.3	.3	.7	.3								1.7	7.4
SSW	1.0	4.3	2.0	.3								7.4	8.1
SW	1.3	4.3	.7									6.3	5.1
WSW	3.7	6.0	2.3	1.0								12.0	6.9
W	1.7	13.7	24.7	10.0	4.0	.7						54.3	9.2
WNW	.3	.3	5.4	5.4	.7							15.1	10.6
NW		.7	.3									.7	6.0
NNW													
VARBL													
CALM												1.7	
	7.4	28.4	39.5	17.7	4.7	1.0						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7111	POINT MUGU, CALIFORNIA	73-82	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1?
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	.0	.3										2.3	2.6
NNE													
NE		.?	.?									1.0	5.3
ENE				.?								.?	14.5
E													
ESE													
SE													
SSE	.?			.?								1.0	6.3
S	1.?	.?	.?									2.3	3.4
SSW	1.?	.3	.?									2.3	3.4
SW	1.?	1.?	.3									2.3	3.7
WSW	1.?	2.?	.?									4.0	4.5
W	4.?	8.3	3.?	7.7	1.0							26.3	7.2
WNW	9.?	7.7	5.?	1.?	.7							24.?	5.4
NW	5.?	3.7	.?	.7								10.3	3.7
NNW	3.?	1.7										4.?	3.3
VARBL													
CALM												15.?	
	34.3	27.?	10.7	10.3	1.7							100.?	4.6

TOTAL NUMBER OF OBSERVATIONS 350

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	APR

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 22

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	1.0										4.7	2.4
NNE	2.3	.7										3.0	2.5
NE	2.0	1.0										3.0	3.0
ENE		.7			.3							.7	10.5
E	1.0			.3								1.3	4.3
ESE		.3	.3									.7	6.5
SE		.7	.3									1.0	7.0
SSE	1.7	1.0										2.3	3.3
S	1.0	.3										1.7	3.2
SSW	1.3	.7										1.7	3.8
SW	1.0	.3										1.3	2.3
WSW	1.3			.3								1.3	4.3
W	1.7	2.0	4.0	1.7								9.3	7.9
WNW	4.7	4.3	3.7	1.7	.3							14.7	6.0
NW	7.3	3.0	.3	.3								11.0	3.3
NNW	4.3	1.7										6.0	2.7
VARBL													
CALM												36.7	
	32.3	17.3	8.7	4.3	.7							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS: 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 1	POINT MUGU, CALIFORNIA	73-82	APR

CLASS: ALL WEATHER

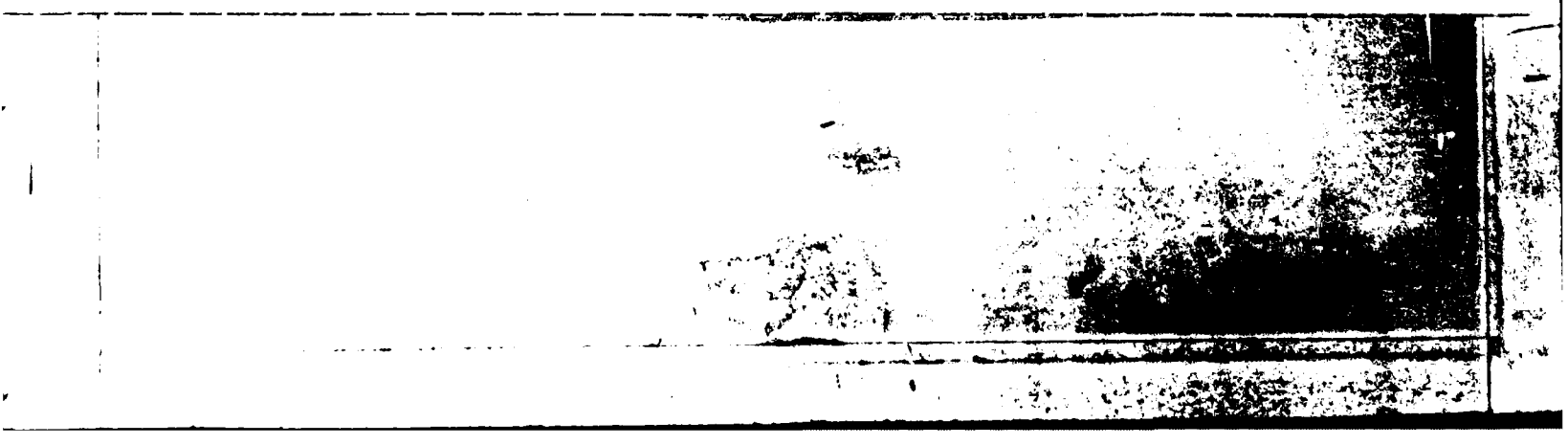
HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	1.[illegible]	.[illegible]									5.1	2.6
NNE	4.[illegible]	.7	.[illegible]									4.7	2.5
NE	3.2	.[illegible]	.[illegible]	.3	.[illegible]	.[illegible]						4.7	3.8
ENE	1.[illegible]	.4	.[illegible]	.3	.2	.1	.1					2.[illegible]	7.5
E	1.2	.[illegible]	.[illegible]	.1			.[illegible]					1.[illegible]	4.[illegible]
ESE	.[illegible]	.1	.[illegible]	.[illegible]								.7	4.5
SE	.[illegible]	.[illegible]	.4	.3	.[illegible]							1.[illegible]	[illegible].[illegible]
SSE	.5	1.[illegible]	.[illegible]	.2	.[illegible]							2.[illegible]	5.9
S	.[illegible]	1.[illegible]	1.[illegible]	.2								3.[illegible]	5.9
SSW	.[illegible]	2.2	1.[illegible]	.1								4.[illegible]	5.[illegible]
SW	.7	2.[illegible]	.7									3.4	4.9
WSW	1.2	2.7	1.6	.3	.[illegible]							5.7	5.9
W	3.3	5.5	8.9	5.[illegible]	.8	.1						22.4	[illegible].4
WNW	2.[illegible]	2.4	3.[illegible]	1.5	.3							10.[illegible]	7.1
NW	2.7	.[illegible]	.[illegible]	.2								[illegible].[illegible]	[illegible].3
NNW	.1	1.[illegible]		.[illegible]								[illegible].1	3.1
VARBL													
CALM												[illegible].[illegible]	
	[illegible].4	23.6	1[illegible].3	8.3	1.4	.[illegible]	.1					1[illegible].[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]259

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

CLASS: ALL WEATHER

HOURS (L S T): 01

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]2	1.6										4.[illegible]	[illegible].0
NNE	1.[illegible]	.3										2.[illegible]	2.[illegible]
NE	[illegible].5	1.[illegible]	.[illegible]									5.[illegible]	2.9
ENE	.[illegible]	.[illegible]										1.[illegible]	3.[illegible]
E	1.[illegible]											1.[illegible]	3.5
ESE		.[illegible]	.[illegible]									1.[illegible]	[illegible].0
SE	1.[illegible]	2.[illegible]	.6									4.[illegible]	4.6
SSE	.[illegible]	1.[illegible]	1.6									3.[illegible]	6.4
S	1.[illegible]	2.[illegible]	.[illegible]	.3								[illegible].[illegible]	4.[illegible]
SSW	1.[illegible]	.[illegible]	.[illegible]									2.[illegible]	4.[illegible]
SW	.[illegible]											.[illegible]	2.5
WSW	1.[illegible]	.[illegible]										2.[illegible]	2.[illegible]
W	1.[illegible]	[illegible].[illegible]	1.4	.6								5.[illegible]	6.[illegible]
WNW	4.[illegible]	[illegible].[illegible]	.[illegible]	1.6	.3							10.[illegible]	[illegible].1
NW	[illegible].[illegible]	.[illegible]										4.[illegible]	[illegible].[illegible]
NNW	[illegible].[illegible]	.5										3.[illegible]	2.6
VARBL													
CALM												[illegible].[illegible]	
	32.6	1[illegible].[illegible]	5.[illegible]	2.6	.3							1[illegible].[illegible]	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

11 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 24 (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	2.2
NNE	.6	1.4										2.4	2.3
NE	.4	.4		.1								6.2	3.6
ENE	.2	.4										3.2	2.4
E	.9	.4										2.1	2.6
ESE	1.1	.4	.2									1.9	3.1
SE	1.1	.3	1.1									2.7	5.1
SSE	.4	1.1	1.2									3.2	7.1
S	.4	.2	.2									1.2	4.2
SSW	.1	.2										1.3	3.6
SW	.2	.2	.2									1.	3.2
WSW	.1											.1	2.2
W	1.	1.3	1.2									4.5	4.6
WNW	1.2	1.2	1.6	.6	.3							5.1	6.2
NW	.4	.2										2.2	3.3
NNW	.3											1.1	2.4
VARBL													
CALM												49.5	
	27.1	10.3	6.1	1.0	.3							100.1	1.9

TOTAL NUMBER OF OBSERVATIONS 512

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	72-82	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 07

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.7										6.	[illegible]
NNE	1.1	[illegible]										[illegible]	[illegible]
NE	[illegible]	1.[illegible]										[illegible]	[illegible]
ENE	1.[illegible]	1.3	.7	.7								[illegible]	[illegible]
E	[illegible]			.7								[illegible]	[illegible]
ESE	1.	.3	.7									1.[illegible]	[illegible]
SE	1.	2.3	.7									3.[illegible]	4.4
SSE	1.[illegible]	1.[illegible]										[illegible]	4.1
S	1.[illegible]	1.										[illegible]	[illegible]
SSW	.7	.7										1.[illegible]	[illegible]
SW	1.[illegible]	.3										1.[illegible]	[illegible]
WSW	.7	.7										1.[illegible]	[illegible]
W	1.[illegible]	[illegible]	1.7	.3								[illegible]	[illegible]
WNW	[illegible]	1.[illegible]	[illegible]									6.[illegible]	[illegible]
NW	.[illegible]	.3		.7								[illegible]	[illegible]
NNW	[illegible]	.7										[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	44.[illegible]	17.[illegible]	[illegible]	1.3								1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WIND

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

STATION | STATION NAME | YEARS | MONTH

CLASS

HOURS (L S T

CONDITION

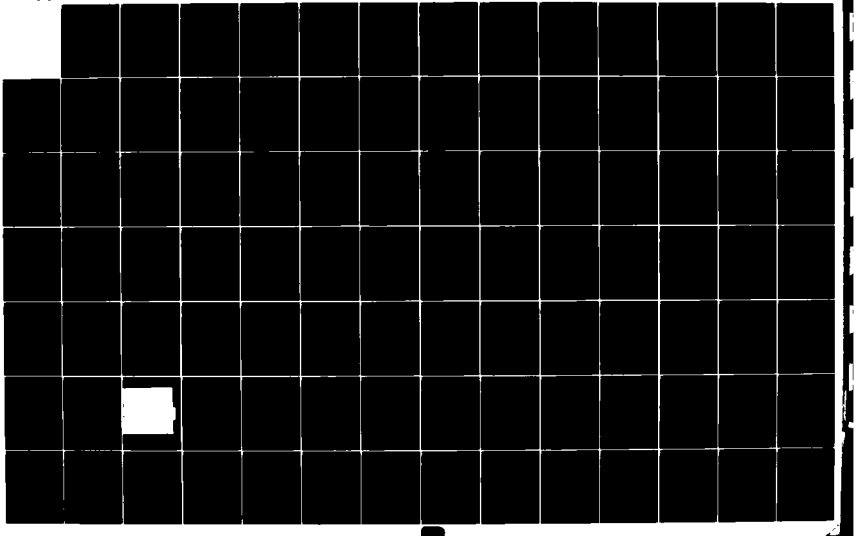
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEA WIN SPE
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW								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

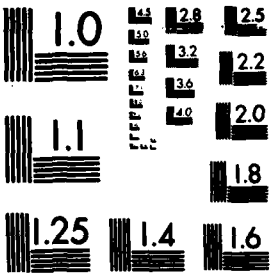
TOTAL NUMBER OF OBSERVATIONS

SMOS

AD-A150 393 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/1
POINT MUGU CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC OCT 83

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 13

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE			.3									.7	10.0
ENE													
E													
ESE													
SE			.7									.6	9.5
SSE				.3								.3	11.5
S		1.[illegible]	2.9	1.0	.3							5.2	8.9
SSW	.3	3.[illegible]	3.6	.3								8.1	6.4
SW	.3	5.5	4.5	.3								10.7	6.6
WSW	1.3	9.7	10.0									21.0	6.6
W		12.9	26.5	6.8	2.3							48.5	8.8
WNW		.3	2.6	1.6	.6							5.2	10.8
NW													
NNW													
VARBL													
CALM												.5	
	1.9	33.3	51.1	10.4	3.2							100.7	8.0

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE			.3									.3	8.3
SSE			.3	.6								1.3	11.7
S	.3	2.3	.6									3.6	5.5
SSW	.6	2.9	1.3									4.9	5.5
SW		3.9	2.3									6.1	6.1
WSW	1.3	8.1	6.5									15.5	6.1
W	1.3	14.6	31.7	8.4	1.9	.6						58.6	8.6
WNW		1.9	5.2	2.3								10.0	9.0
NW													
NNW													
VARBL													
CALM												.0	
	3.6	33.7	48.9	11.3	1.9	.6						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 19

CONDITION:

SPEED (KNTS) DIR.	1 - 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										.6	3.5
NNE		.3										.3	4.0
NE													
ENE													
E													
ESE													
SE		.3	.3									.6	8.0
SSE	.6	.6										1.3	4.0
S	1.0	.6		.3								1.9	5.3
SSW	1.6	1.6		.3								3.5	4.5
SW	.6	.6										1.3	3.5
WSW	1.6	2.3	.6	.6								5.2	5.4
W	11.6	14.2	8.1	3.5	.3	1.0						38.7	6.2
WNW	9.4	15.5	3.5	1.6	.3							30.3	5.9
NW	3.9	3.2	.3									7.4	3.8
NNW	1.6		.3									1.9	3.2
VARBL													
CALM												6.8	
	32.3	39.7	13.2	6.5	.6	1.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7111	POINT MUGU, CALIFORNIA	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	1.0										5.2	2.5
NNE	1.3											1.9	1.7
NE	.6	.3										1.0	3.0
ENE	.3											.3	2.0
E		.3										.3	4.0
ESE			.3									.3	8.0
SE	.6	.3	1.0									1.9	6.2
SSE	1.3	2.3		.3	.3							4.2	5.5
S	1.3	2.3	.3									3.9	4.2
SSW		.6										.6	4.5
SW	1.3	.3										2.3	2.3
WSW	1.0	.6										1.6	3.6
W	5.2	2.6	3.2	1.6								12.6	5.4
WNW	5.7	5.8	2.3	2.6	.3							19.7	5.3
NW	6.0	2.3										9.0	2.6
NNW	2.3	.3										3.2	2.2
VARBL													
CALM												31.9	
	36.8	19.0	7.1	4.5	.6							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7111	POINT MUGU, CALIFORNIA	73-82	MAY
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	2.4	.5	.[illegible]									3.[illegible]	2.5
NNE	2.6	.6		.[illegible]								3.2	2.6
NE	2.3	.4	.1	.0								2.[illegible]	2.9
ENE	.7	.3	.1	.0								1.1	3.5
E	.9	.1		.0								1.1	2.6
ESE	.2	.2	.2									.6	4.5
SE	.5	.8	.4	.1								2.1	5.9
SSE	.6	1.1	.[illegible]	.3	.0							2.7	6.4
S	1.2	2.[illegible]	1.2	.3	.0							4.7	5.6
SSW	1.1	2.3	1.1	.1								4.6	5.3
SW	.7	2.[illegible]	.[illegible]	.0								3.7	5.4
WSW	1.3	3.[illegible]	2.[illegible]	.1								7.7	5.7
W	3.[illegible]	7.[illegible]	11.2	3.[illegible]	.6	.[illegible]						26.[illegible]	7.6
WNW	3.[illegible]	4.[illegible]	2.[illegible]	1.4	.3							11.8	5.0
NW	2.[illegible]	.8	.1	.[illegible]								3.4	3.0
NNW	1.[illegible]	.2	.[illegible]									1.[illegible]	2.5
VARBL													
CALM												19.7	
	2[illegible].0	27.3	21.4	5.5	1.0	.2						100.[illegible]	4.6

TOTAL NUMBER OF OBSERVATIONS 2473

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	JUN

CLASS: ALL WEATHER

HOURS (L.S.T.): 01

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	1.0										5.0	2.5
NNE	2.0	.7										3.7	2.4
NE	1.3		.3									1.7	3.2
ENE	1.7											1.7	2.0
E	1.3											1.3	2.3
ESE	1.0	.3										1.3	2.8
SE	1.7	2.3	1.7									5.4	5.1
SSE	1.0	2.7	.3	.3								4.3	5.2
S	1.0	.7										1.7	3.6
SSW	.3	.3										.7	3.5
SW	.3	.7										1.0	4.3
WSW	1.3	.3										1.7	2.0
W	5.4	2.7										8.0	3.0
WNW	6.7	2.3		.3								9.4	3.0
NW	3.0	.3										3.3	2.0
NNW	4.3	.7	.3									5.4	2.5
VARBL													
CALM												44.5	
	37.1	15.1	2.7	.7								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 299

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNIA	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

04 — 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	.7										2.7	2.0
NNE	2.4											2.4	1.9
NE	4.0	1.7		.3								6.0	3.0
ENE	2.0	.3										2.3	2.1
E	2.3	.3										2.7	2.0
ESE	.3	.3										.7	4.0
SE	1.3	1.0	.3									2.7	4.0
SSE	.7	1.0	.3									2.0	5.3
S	1.7	1.7										3.0	3.8
SSW		.7										.7	4.0
SW	.7											.7	3.0
WSW	.7	.3										.7	3.5
W	2.3	1.7										4.0	3.1
WNW	3.3	1.7	.3									5.4	3.1
NW	2.0	.7										2.7	2.6
NNW	2.3	.7										3.0	2.8
VARBL													
CALM												48.6	
	37.6	12.4	1.0	.3								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNI[illegible]	73-92	JUN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 07

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].4	2.3										7.7	2.7
NNE	7.4	3.[illegible]										10.4	2.6
NE	[illegible].[illegible]	1.3	.3	.3								7.0	3.6
ENE	3.7	1.[illegible]										4.7	2.2
E	.7											.7	2.0
ESE	1.[illegible]		1.[illegible]									2.7	4.9
SE	.[illegible]	1.[illegible]										1.3	4.0
SSE	.7	1.[illegible]										1.3	5.0
S	1.[illegible]	1.[illegible]	.7									2.7	5.0
SSW	.7	.3										.7	3.0
SW	.[illegible]											.[illegible]	2.0
WSW	1.7											1.7	2.0
W	[illegible].[illegible]	3.4	1.[illegible]									7.4	4.4
WNW	4.[illegible]	3.[illegible]	.7									8.4	3.4
NW	[illegible].[illegible]	.7										2.3	2.3
NNW	[illegible].7	.7										6.4	2.6
VARBL													
CALM												34.6	
	42.6	19.5	4.0	.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 298

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
111	POINT MUGU, CALIFORNIA	73-82	JUN

CLASS: ALL WEATHER

HOURS (L.S.T.): 10

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE					.7							.3	20.0
ENE					.7							.3	17.0
E													
ESE	.7											.3	1.0
SE		1.3	.7									2.0	6.5
SSE	.7	1.7	2.7	2.0								6.7	6.4
S	2.0	6.0	5.0	1.0								14.0	6.4
SSW	1.0	4.0	3.0									10.0	5.5
SW	1.7	3.7	3.0									7.7	5.4
WSW	2.3	9.4	1.7									13.4	5.3
W	2.7	16.4	19.7	1.3								40.1	6.7
WNW	.7	1.3	1.7									3.7	6.8
NW													
NNW													
VARBL													
CALM												1.7	
	10.4	45.5	37.5	4.3	.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNI[illegible] (STATION NAME) | 73-[illegible] (YEARS) | J[illegible] (MONTH)

ALL WEATHE[illegible] (CLASS) | 1[illegible] (HOURS (L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.[illegible]									.[illegible]	[illegible].[illegible]
NNE													
NE													
ENE				.[illegible]								.[illegible]	1[illegible].5
E													
ESE													
SE													
SSE			.[illegible]	.3								.[illegible]	9.[illegible]
S		[illegible].[illegible]	4.7	1.[illegible]								[illegible].[illegible]	7.[illegible]
SSW	.[illegible]	2.[illegible]	4.7									[illegible].[illegible]	[illegible].[illegible]
SW	.[illegible]	[illegible].4	[illegible].7									9.[illegible]	[illegible].[illegible]
WSW		[illegible].4	[illegible].4	1.[illegible]								[illegible][illegible].[illegible]	[illegible].[illegible]
W	.[illegible]	[illegible].4	34.[illegible]	[illegible].4								[illegible][illegible].[illegible]	[illegible].[illegible]
WNW	.[illegible]	.[illegible]	[illegible].[illegible]	1.0								[illegible].[illegible]	[illegible].[illegible]
NW													
NNW													
VARBL													
CALM												.[illegible]	
	1.[illegible]	[illegible].4	[illegible].[illegible]	9.4								[illegible][illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]9

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111 — STATION
[illegible], CALIFORNIA — STATION NAME
73-[illegible] — YEARS
JUN — MONTH
ALL WEATHER — CLASS
1[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.[illegible]											.[illegible]	2.[illegible]
S	.[illegible]	.[illegible]	1.[illegible]	.[illegible]								2.[illegible]	7.[illegible]
SSW	.[illegible]	3.[illegible]	1.[illegible]									5.[illegible]	5.9
SW		[illegible].[illegible]	2.[illegible]									3.[illegible]	6.[illegible]
WSW	1.[illegible]	[illegible].[illegible]	5.4									14.[illegible]	5.9
W	.[illegible]	13.4	37.5	6.[illegible]	.3							57.[illegible]	8.1
WNW	1.[illegible]	2.[illegible]	[illegible].4	3.[illegible]								13.[illegible]	8.2
NW			.[illegible]									.[illegible]	7.[illegible]
NNW													
VARBL													
CALM												.[illegible]	
	4.[illegible]	30.4	54.[illegible]	9.4	.3							100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

.11	POINT MUGU, CALIFORNIA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7										.7	5.5
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE	.7	.5	1.7									2.7	5.1
S	1.7	.5	.5									2.3	3.4
SSW	1.	1.7										2.7	3.7
SW	1.7	.7										2.4	2.3
WSW	.7	1.4	.7									2.7	3.4
W	11.7	17.4	5.4	.3								36.1	4.7
WNW	7.4	21.4	4.7									33.4	4.9
NW	1.3	7.7	.7									9.7	4.2
NNW		1.7										1.7	4.4
VARBL													
CALM												4.7	
	24.4	52.	12.7	.3								100.	4.3

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNIA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

22 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.7										2.4	2.7
NNE				.3								.7	12.0
NE													
ENE													
E		.3										.7	4.0
ESE		.4	.7									1.8	7.3
SE		2.3	1.0	.3								3.4	6.6
SSE	1.7	.7	1.7	.7								4.8	6.3
S	1.7	1.0										2.3	3.7
SSW	1.7		.3									1.7	4.4
SW	.7											.7	2.0
WSW	1.7											1.7	1.8
W	7.4	3.4	1.3									12.1	3.6
WNW	14.1	4.4	1.0									19.1	3.0
NW	11.1	3.7										15.1	2.6
NNW	10.8	1.3	.7									12.1	2.3
VARBL													
CALM												25.2	
	49.3	16.4	6.4	1.3								100.2	2.5

TOTAL NUMBER OF OBSERVATIONS 298

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7111	POINT MUGU, CALIFORNIA	73-82	JUN
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	2.2	.6	.1									2.9	2.5
NNE	2.0	.5		.1								2.6	2.5
NE	1.2	.4	.1	.1	.1							2.1	3.6
ENE	.9	.2		.1	.1							1.2	3.9
E	.5	.1										.6	2.2
ESE	.4	.1	.3									.8	4.5
SE	.4	1.0	.5	.0								1.8	5.3
SSE	.5	.2	.5	.4								2.7	6.5
S	1.1	1.4	1.5	.3								4.5	5.9
SSW	.5	1.3	1.2									3.0	5.7
SW	.7	1.4	1.1									3.2	5.5
WSW	1.1	3.5	2.1	.1								7.3	5.4
W	2.1	2.7	12.5	1.6	.0							26.9	6.7
WNW	4.	4.6	2.3	.5								12.3	4.6
NW	2.3	1.4	.1									3.9	3.1
NNW	2.0	.5	.1									3.1	2.6
VARBL													
CALM												20.1	
	27.3	27.6	22.4	3.3	.1							100.7	4.2

TOTAL NUMBER OF OBSERVATIONS 279

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7111	POINT MUGU, CALIFORNIA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	.6										3.5	2.8
NNE	1.3	.3										1.6	2.4
NE	3.5											3.5	1.8
ENE	1.3	.3										1.6	2.2
E	1.3	.3										1.6	2.6
ESE	.6	1.0										1.6	3.0
SE	.6	1.6	1.9	.6								4.8	7.0
SSE	1.3	1.3	1.9									4.5	4.9
S	1.0	.6	.6									2.3	4.4
SSW	.3	.6										1.0	3.7
SW	1.0											1.0	2.0
WSW	.6											.6	2.0
W	5.1	1.9										7.1	2.7
WNW	4.5	.6										7.1	2.2
NW	2.9	.6										3.5	2.6
NNW	4.2	.3										4.5	2.2
VARBL													
CALM												50.3	
	35.5	10.3	3.9	.6								100.3	1.6

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT HUGU, CALIFORNI	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

04 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]5											4.5	1.8
NNE	[illegible]5	1.3										7.7	2.5
NE	[illegible]5	1.3										7.7	2.5
ENE	[illegible]	1.6										6.5	2.5
E	1.[illegible]	.3										1.9	3.2
ESE			.[illegible]									.3	7.0
SE	1.[illegible]	2.3	.3									3.5	4.8
SSE	1.[illegible]		1.[illegible]									2.3	5.1
S	1.3											1.3	2.3
SSW	.[illegible]											.6	2.5
SW	1.[illegible]											1.[illegible]	2.0
WSW	1.6											1.6	1.8
W	2.3	.3										2.6	2.6
WNW	1.[illegible]	.6										1.9	3.2
NW	1.[illegible]	.6										2.3	2.6
NNW	[illegible].2	.3										3.5	1.8
VARBL													
CALM												[illegible]0.6	
	3[illegible].0	[illegible].7	1.6									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNIA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.4	1.3	.7									9.1	2.8
NNE	8.7	1.9										10.7	2.6
NE	5.8	2.3										8.1	2.6
ENE	2.8	1.3										3.1	3.3
E	.7	1.6										1.9	4.2
ESE	1.0											1.0	2.0
SE	1.4	1.3	.3									3.2	3.9
SSE	.4	1.3	.3									2.3	4.9
S	1.6	1.4										2.6	3.0
SSW	1.3											1.3	1.7
SW	.6											.7	2.9
WSW	.7	.3										.6	2.5
W	1.6	1.3	.3									3.2	4.0
WNW	3.2	.6		.3								4.2	3.4
NW	5.6	1.2										7.1	2.5
NNW	7.8	.3										8.1	2.2
VARBL													
CALM												12.7	
	59.2	15.0	1.3	.3								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 379

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT HUGH, CALIFORNIA	73-92	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	.2											.7	1.0
ESE													
SE	.2		.7									.6	4.5
SSE		1.0	2.9		.3							4.9	7.9
S	.6	4.2	4.9	1.9								11.7	7.4
SSW	1.2	7.9	3.9	.6								14.2	5.8
SW	1.3	7.1	2.6									11.0	5.3
WSW	1.9	8.7	1.9									12.5	5.4
W	1.9	18.4	17.2	1.0								38.5	6.4
WNW		1.3	2.9									3.9	7.3
NW	.3											.3	2.0
NNW		.7										.3	4.0
VARBL													
CALM												1.6	
	7.7	49.2	36.6	3.6	.3							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 3019

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): 13

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			[illegible]	1.0								1.3	13.0
S		1.9	1.9	.6								4.5	7.7
SSW		[illegible].3	[illegible].2	.3								7.8	7.7
SW	1.[illegible]	3.2	5.7									9.7	6.3
WSW	1.0	11.3	[illegible].4									20.7	6.3
W		[illegible].7	36.9	2.6								49.2	8.0
WNW			5.5	1.3								6.[illegible]	9.[illegible]
NW													
NNW													
VARBL													
CALM												[illegible]	
	2.3	28.5	63.4	5.8								1[illegible]0.[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS 339

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | JUL (MONTH)

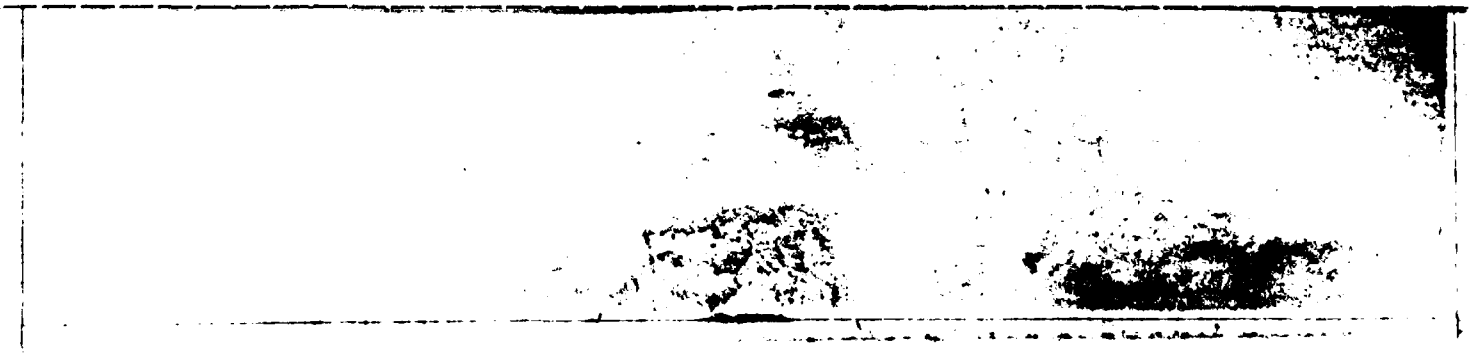
ALL WEATHER (CLASS) | 16 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S	.3	1.[illegible]	.3	.6								2.3	7.1
SSW	.[illegible]	2.6	.[illegible]									3.5	5.[illegible]
SW		1.[illegible]	2.3									3.5	6.9
WSW	1.[illegible]	7.7	2.[illegible]									11.[illegible]	5.6
W	.5	17.7	43.9	2.6								64.[illegible]	7.5
WNW		3.5	10.[illegible]	1.3								14.[illegible]	7.9
NW													
NNW													
VARBL													
CALM												.[illegible]	
	2.[illegible]	33.[illegible]	59.[illegible]	4.5								1[illegible].[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 19 (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										.7	4.0
NNE													
NE													
ENE													
E													
ESE													
SE			.7									.3	3.0
SSE		.7	.6									1.3	6.8
S		.4										.6	4.5
SSW	.4											.6	2.5
SW	1.7	.4										1.3	3.0
WSW	1.5	.3	.7									2.3	3.3
W	7.4	18.8	1.0									27.2	4.3
WNW	12.3	22.7	4.5									39.5	4.4
NW	9.4	10.7	.6									20.7	3.7
NNW	.7	1.6										2.3	4.1
VARBL													
CALM												2.9	
	33.8	56.6	7.4									100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNI[illegible]	73-[illegible]2	JUL

CLASS: ALL WEATHE[illegible]

HOURS (L.S.T.): 22

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]										1.[illegible]	2.8
NNE	.[illegible]											.[illegible]	1.0
NE	.[illegible]											.6	2.[illegible]
ENE													
E													
ESE													
SE	.[illegible]		1.0	.6								1.[illegible]	9.6
SSE		.[illegible]	.6									1.3	[illegible].5
S	1.[illegible]	.3	.3									1.[illegible]	3.8
SSW	1.[illegible]	.[illegible]										1.3	2.5
SW	1.[illegible]	.3										1.6	3.[illegible]
WSW	1.[illegible]											1.[illegible]	2.0
W	[illegible].[illegible]	1.9										7.8	2.7
WNW	13.3	2.6	.3									16.2	2.6
NW	1[illegible].[illegible]	2.9										16.5	2.5
NNW	11.[illegible]	2.[illegible]										14.2	2.6
VARBL													
CALM												13.3	
	51.5	12.3	2.3	.6								1[illegible].[illegible]	1.9

TOTAL NUMBER OF OBSERVATIONS: 3[illegible]9

8MOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	JUL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.2									2.4	2.6
NNE	1.1	.4										2.6	2.6
NE	1.1	.4										2.5	2.4
ENE	1.1	.4										1.6	2.7
E	.4	.3										.7	3.2
ESE	.2	.1	.2									.4	3.1
SE	.5	.6	.5	.2								1.9	5.9
SSE	.4	.5	.2	.1	.1							2.2	6.6
S	.3	1.2	1.0	.4								3.4	6.2
SSW	.5	1.7	1.2	.1								3.4	5.7
SW	1.0	1.6	1.3									3.9	5.3
WSW	1.1	3.0	1.4									6.7	5.4
W	3.2	2.6	12.4	.8								25.1	6.5
WNW	4.6	4.7	2.0	.4								11.1	4.9
NW	4.2	2.3	.1									6.3	3.2
NNW	1.4	.7										4.1	2.5
VARBL													
CALM												21.4	
	27.8	26.1	21.2	1.9	.1							100.1	4.0

TOTAL NUMBER OF OBSERVATIONS 2475

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1. STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-82 YEARS | ALL MONTH

ALL WEATHERS CLASS | 01 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										3.8	2.3
NNE	.3	.3										2.6	2.4
NE	3.2	.6										4.2	2.5
ENE	1.4	.3										1.9	2.3
E	1.1	.1										1.6	3.0
ESE	.2	.1	.2									1.7	5.0
SE	.4	1.3	1.6									3.4	6.2
SSE	1.0	2.4	.2									5.2	4.7
S		.4	.2									1.3	7.1
SSW	.2											.2	2.5
SW	.2											.2	3.3
WSW	1.4	.3										2.3	2.6
W	.2	2.3										5.5	3.2
WNW	5.3	1.0										6.3	2.3
NW	4.5	.2										4.4	1.9
NNW	.5											3.7	2.1
VARBL													
CALM												49.4	
	34.4	12.3	2.3									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 710

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | [illegible] (YEARS) | [illegible] (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (L S T)

(CONDITION)

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

11 — STATION
[illegible] — STATION NAME
[illegible] — YEARS
[illegible] — MONTH
ALL WEATHE — CLASS
? — HOURS (L S T
CONDITION

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	[illegible]

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE	.1		.2									.5	6.2
SE		.2	.1									1.2	7.3
SSE	1.0	1.3	1.9	1.3								6.1	7.4
S	1.1	2.1	4.1									14.5	5.7
SSW	2.3	3.4	7.2									13.9	5.3
SW	2.2	7.4	.5									11.1	4.2
WSW	1.2	7.4	1.3									10.2	5.0
W	1.1	16.2	15.2									33.5	6.5
WNW	1.0	2.3	3.2									6.5	6.2
NW		.1	.1									.2	6.5
NNW													
VARBL													
CALM												1.2	
	11.1	42.2	31.5	1.3								100.3	5.7

TOTAL NUMBER OF OBSERVATIONS 517

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111 — STATION
POINT MUGU, CALIFORNIA — STATION NAME
73-82 — YEARS
1 — MONTH
ALL WEATHER — CLASS
1 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			1.[illegible]									1.3	[illegible].3
S		2.[illegible]	1.[illegible]	1.[illegible]								[illegible].[illegible]	7.4
SSW	.[illegible]	.[illegible]	4.[illegible]									5.[illegible]	7.5
SW	.[illegible]	[illegible].1	[illegible].1	.3								13.[illegible]	5.6
WSW		1[illegible].4	7.1									17.[illegible]	6.4
W	1.[illegible]	14.[illegible]	31.7	4.2								[illegible]1.[illegible]	7.6
WNW		1.[illegible]	2.[illegible]	1.[illegible]								4.[illegible]	9.[illegible]
NW													
NNW													
VARBL													
CALM												.[illegible]	
	1.[illegible]	3[illegible].2	55.[illegible]	6.5								1[illegible].[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS 339

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	73-82	AUG

CLASS: ALL WEATHER

HOURS (L.S.T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.5
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			.2									.3	3.5
S		.2	.3	.6								1.1	8.2
SSW		1.4	1.4									3.2	5.4
SW		3.3	.7									4.2	4.2
WSW	.6	7.4	3.9									12.0	5.6
W	.3	16.2	35.6	4.2								56.3	7.6
WNW		4.9	14.2	1.6								20.7	7.9
NW		1.2	.7									1.9	5.9
NNW													
VARBL													
CALM												.3	
	1.1	35.6	56.5	6.5								100.3	7.2

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]1	POINT MUGU, CALIFORNI[illegible]	73-82	A[illegible]

CLASS: ALL WEATHER — HOURS (L.S.T.): 19

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE			•									•	[illegible]
S	•	•										1.0	3.3
SSW	1.[illegible]	•										1.[illegible]	2.8
SW	1.[illegible]	•										1.[illegible]	3.2
WSW	1.[illegible]	•										1.[illegible]	2.6
W	[illegible].5	8.7	1.6									15.[illegible]	4.5
WNW	13.[illegible]	19.1	2.[illegible]									35.[illegible]	4.[illegible]
NW	13.[illegible]	13.3										[illegible]7.[illegible]	3.5
NNW	4.5	2.6	.6									7.8	3.3
VARBL													
CALM												4.[illegible]	
	42.[illegible]	46.[illegible]	7.1									100.[illegible]	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]9

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNI[illegible]	73-82	AUG

CLASS: ALL WEATHE[illegible]

HOURS (L S T): 22

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]											3.9	2.2
NNE	.8											.6	2.5
NE	.6	.5										1.1	3.0
ENE													
E													
ESE													
SE		1.[illegible]	1.3									2.3	7.1
SSE	.4	1.3	.3									2.3	4.6
S	.[illegible]	1.[illegible]										1.5	3.5
SSW	1.[illegible]											1.0	2.0
SW	.2											.3	2.[illegible]
WSW	.7	.4										1.[illegible]	4.3
W	2.4	3.5										6.1	3.3
WNW	11.[illegible]	6.8	.7									18.7	3.2
NW	13.[illegible]	2.3	.3									16.5	2.6
NNW	[illegible].7	2.6										11.3	2.6
VARBL													
CALM												33.[illegible]	
	44.[illegible]	19.7	2.[illegible]									100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (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	[illegible]	.8										[illegible]	2.5
NNE	[illegible]	.6	.2									3.4	2.6
NE	[illegible]	1.2										[illegible]	2.8
ENE	1.1	.3	.2									1.4	2.7
E	.5	.2										.5	2.2
ESE	.4	.2	.2									.6	4.4
SE	.7	.4	.8									1.2	6.5
SSE	.4	1.0	.6	.2								2.2	5.7
S	.2	1.7	1.0	.2								3.1	5.7
SSW	.4	1.4	1.2									3.4	5.4
SW	.5	2.4	.2	.0								4.1	5.3
WSW	1.1	3.4	1.5									5.8	5.3
W	2.5	7.4	1[illegible].2	1.1								[illegible]	6.7
WNW	4.[illegible]	4.5	2.2	.3								12.4	4.5
NW	4.1	2.2	.1									7.[illegible]	3.2
NNW	1.3	.5	.1									4.[illegible]	2.5
VARBL													
CALM												21.5	
	2[illegible].4	28.5	19.9	1.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2475

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNIA	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.7	.3	.7									6.7	2.2
NNE	7.7		.7									8.0	2.3
NE	7.3	1.3										8.7	2.3
ENE	3.3	1.0										4.3	2.5
E	1.7	.7										2.3	2.9
ESE	1.7	2.7										4.3	3.8
SE	1.0	1.0	1.3									3.7	5.2
SSE	1.7	1.3	1.7									4.7	4.8
S	1.0	.3		.3								1.7	4.4
SSW	1.0											1.0	2.3
SW	1.7											1.7	2.2
WSW	1.0	.3										1.3	2.5
W	1.7	1.3										3.0	3.6
WNW	2.7	1.0										3.7	3.0
NW	2.7	.7	.7									3.7	2.7
NNW	3.3	.3										3.7	2.2
VARBL													
CALM												38.1	
	45.7	12.3	4.0	.3								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	FEB

CLASS: ALL WEATHER

HOURS (L.S.T.): 04

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.7										3.4	2.7
NNE	7.7	1.7	.7									11.	2.5
NE	11.7	2.7		.7								14.1	2.9
ENE	1.7	2.3										5.7	3.1
E	2.7	.7										3.4	2.3
ESE	.3	1.3	.7									2.4	3.2
SE	.7	1.3	.3									2.4	4.3
SSE	.7		.7									1.3	3.3
S	1.3	.7										2.0	2.5
SSW													
SW		.7										.7	5.0
WSW													
W	2.7	1.0										3.7	2.8
WNW	.3		.7	.3								1.3	3.0
NW	2.0											2.0	2.5
NNW	3.0	.3										3.3	1.8
VARBL													
CALM	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	19.7	
	43.3	13.7	2.3	1.0								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | SEP (MONTH)

ALL WEATHER (CLASS) | 07 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	2.[illegible]										9.[illegible]	2.7
NNE	11.7	3.7										15.4	2.7
NE	1[illegible].4	3.[illegible]	.7	1.0								18.1	3.3
ENE	1.[illegible]	1.[illegible]	.7									2.7	4.1
E	1.[illegible]	.3										1.7	2.[illegible]
ESE		.7										.7	4.[illegible]
SE	[illegible].[illegible]	1.[illegible]										2.[illegible]	4.3
SSE	1.7	.7										2.[illegible]	2.[illegible]
S	.7	.7	.7									1.7	5.[illegible]
SSW	1.[illegible]	1.[illegible]										2.[illegible]	3.[illegible]
SW	1.7	.7										1.7	3.[illegible]
WSW		.7										.7	4.[illegible]
W	[illegible].3											2.3	2.1
WNW	[illegible].3	.7		.3								3.3	3.8
NW	[illegible].3	.7										2.7	1.9
NNW	3.7	.7										4.3	2.4
VARBL													
CALM												[illegible]0.1	
	[illegible]1.2	16.[illegible]	1.3	1.3								100.[illegible]	2.1

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	[illegible]

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7											.7	2.-
NNE	.7											.7	2.[illegible]
NE	.7	.7	.7		.3	.7						1.7	11.6
ENE	.7	.7		.3								1.[illegible]	7.7
E		.7										.7	4.[illegible]
ESE	.7	.3	.7									1.3	6.[illegible]
SE	.7	2.0	.3	.3								3.[illegible]	5.7
SSE	.7	3.[illegible]	2.3	.7								6.7	6.7
S	4.7	6.7	4.	.3								15.[illegible]	5.1
SSW	3.3	5.[illegible]	2.3									10.7	4.9
SW	1.7	2.7	1.									5.4	4.6
WSW	1.7	4.7	1.									11.[illegible]	4.[illegible]
W	1.7	18.1	9.7	.3								29.8	5.[illegible]
WNW	2.[illegible]	1.7	1.7									5.[illegible]	5.[illegible]
NW													
NNW	1.[illegible]	.3										1.7	2.3
VARBL													
CALM												5.4	
	1[illegible].4	[illegible].2	23.4	2.0	.3	.7						1[illegible].[illegible]	5.2

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-[illegible]	SEP

CLASS: ALL WEATHER

HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.[illegible]										.[illegible]	4.[illegible]
NE				.3	.7							1.[illegible]	17.3
ENE													
E													
ESE													
SE				.7								.3	11.0
SSE			1.[illegible]	1.[illegible]								2.[illegible]	10.[illegible]
S		[illegible].[illegible]	4.3	1.3								7.7	8.4
SSW	1.[illegible]	3.3	5.7									10.[illegible]	6.[illegible]
SW	1.7	7.7	4.[illegible]									13.[illegible]	5.7
WSW	.7	7.3	5.[illegible]									13.3	[illegible].3
W	[illegible].[illegible]	16.[illegible]	24.7	2.[illegible]	.3							45.7	7.1
WNW		.7	7.7	.7								[illegible].[illegible]	[illegible].1
NW			.[illegible]									.7	[illegible].0
NNW													
VARBL													
CALM												1.7	
	.[illegible]	[illegible].3	48.7	[illegible].7	[illegible].[illegible]							1 0.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible].1	POI[illegible] MUGU, CALIFORNIA	73-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	[illegible]
NNE													
NE													
ENE	•			•								•	7.[illegible]
E		•										•	[illegible]
ESE													
SE			•									•	[illegible]
SSE			•									•	[illegible]
S	•	1.3	2.[illegible]	.3								4.3	6.9
SSW		[illegible]	1.[illegible]									3.[illegible]	[illegible]
SW	[illegible]	3.[illegible]	1.[illegible]									7.[illegible]	4.7
WSW	1.3	[illegible].4	3.[illegible]									11.[illegible]	5.5
W	[illegible].5	24.1	2[illegible].[illegible]	2.[illegible]								[illegible]	[illegible]
WNW	.7	7.[illegible]	[illegible].4	3.[illegible]	•							15.4	7.9
NW	•	•	•									1.[illegible]	4.[illegible]
NNW			•									•	1[illegible].[illegible]
VARBL													
CALM												•	
	10.[illegible]	45.5	38.1	5.7	•							1[illegible].[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS [illegible]79

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): 1[illegible]

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

H
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	73-82	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.	.									[illegible]	2.8
NNE	.1	.	.1									[illegible]	2.7
NE	[illegible]	1.	.1	.3	.1	.						[illegible]	3.5
ENE	1.	.7	.	.1								2.3	3.4
E	.	.	.									1.4	2.9
ESE	.	.7	.1									1.2	4.3
SE	.	1.	.	.1								2.1	5.5
SSE	.	.	.	.								2.7	5.7
S	2.7	1.	1.5	.3								[illegible]	[illegible]
SSW	1.1	1.	1.									[illegible]	[illegible]
SW	1.2	2.	.									[illegible]	4.5
WSW	1.	2.	1.2	.								[illegible]	[illegible]
W	2.	5.7	[illegible]	.5	.							15.4	6.1
WNW	.	3.2	2.	.7	.							[illegible]	[illegible]
NW	.7	1.7	.									6.	3.0
NNW	3.	.	.1									4.	2.8
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	2.2	.2	.						100.	3.7

TOTAL NUMBER OF OBSERVATIONS 2307

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 01

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]5	1.6	.3									3.4	3.0
NNE	[illegible]5	2.5	.6									4.7	3.1
NE	[illegible]1	3.3	1.3	.6								10.3	4.3
ENE	3.4	.6										4.9	2.7
E	[illegible]2	.3										3.5	2.4
ESE	1.	.5										1.6	3.4
SE	.3	1.9	1.									3.2	5.6
SSE	.3	1.										1.3	4.0
S	.4		.7									1.2	4.3
SSW		.7										.7	6.0
SW													
WSW	.3	.6										1.3	3.9
W	1.2	1.3	.6									3.3	4.2
WNW	1.4	.6	.3									2.3	3.6
NW	3.5	1.4	.6									6.1	3.2
NNW	[illegible]2	1.5										6.5	2.3
VARBL													
CALM												77.1	
	41.0	16.1	5.2	.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 311

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | [illegible] (YEARS) | OCT (MONTH)

ALL WEATHR (CLASS) | 04 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.4	3.2	.6									11.3	3.0
NNE	11.9	2.6	1.7									15.9	2.1
NE	9.4	3.2	1.	.3								13.3	3.5
ENE	4.2	.6	.6	.3								5.3	3.6
E	2.6	.3	.3									3.2	3.1
ESE	.6											.6	1.5
SE		.6										.6	5.0
SSE	.3	.3										1.3	3.3
S	1.3											1.3	2.3
SSW		.3										.3	5.0
SW	1.6											1.6	2.0
WSW													
W		.3		.3								1.0	7.3
WNW	1.3		.3									1.6	3.2
NW	2.3	.3										2.6	2.1
NNW	3.9	.6										4.2	2.8
VARBL													
CALM												34.9	
	49.3	13.2	4.3	1.0								170.3	2.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT MUGU, CALIFORNI[illegible]	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.[illegible]	3.[illegible]	.6									14.8	2.8
NNE	12.[illegible]	1.6	.3									14.5	2.4
NE	[illegible].7	3.2	1.3	1.3	.3							15.8	4.4
ENE	[illegible].2	1.[illegible]	1.[illegible]	.6	.3							6.1	3.4
E	2.3	.3										2.6	2.4
ESE	.[illegible]											.6	1.5
SE	.[illegible]	.3										.6	4.[illegible]
SSE	.[illegible]	.3										1.[illegible]	2.7
S	.[illegible]	.[illegible]										.[illegible]	3.5
SSW	.[illegible]	.3										.6	3.5
SW													
WSW			.[illegible]									.[illegible]	7.[illegible]
W	1.[illegible]	1.[illegible]	.[illegible]	.3								2.6	5.8
WNW	.[illegible]	.3	.3									1.0	5.0
NW	1.[illegible]	1.3										2.3	3.4
NNW	[illegible].2	.6										3.[illegible]	2.6
VARBL													
CALM												32.[illegible]	
	4[illegible].5	13.9	4.2	2.3	.6							1[illegible]0.[illegible]	2.3

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNIA	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1?
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	.3			.6								1.0	9.7
NE	.7		1.7	2.3	.6	.3	.3					5.?	13.7
ENE	.3			1.3	.3							1.9	12.2
E			.3									.3	1?.0
ESE	.3	.6	.7									1.3	5.5
SE	1.0	2.3	1.3	.3								4.9	5.7
SSE	3.3	5.?	2.9		.3							11.3	5.8
S	4.5	6.5	1.0									12.0	4.2
SSW	1.?	1.6										2.?	4.?
SW	2.?	1.0										3.6	3.0
WSW	1.?	1.?	.?									3.6	4.1
W	?.1	12.?	6.1	1.0								27.8	5.?
WNW	?.?	1.6	.?		.3							5.?	4.5
NW	1.?	.6	.?									2.6	4.8
NNW	.?	.3										1.?	3.3
VARBL													
CALM												15.?	
	27.2	35.0	14.?	5.5	1.6	.3	.3					1??.0	4.7

TOTAL NUMBER OF OBSERVATIONS 3?9

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 13

CONDITION:

SPEED (KNTS) DIR.	1 - 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	13.0
NNE					.6							.9	18.5
NE			.3	1.6	.3							2.6	12.5
ENE				.9	.3							.6	15.5
E													
ESE													
SE			.3									.3	7.0
SSE	.3	.3	.3		.6							1.6	10.6
S	1.9	3.2	3.9	1.3								10.3	6.9
SSW	.6	5.5	2.9	.3								9.4	6.0
SW	1.3	4.2	1.9									7.1	5.6
WSW	1.9	8.1	3.2	.6								13.2	5.9
W	1.3	11.6	23.9	3.9	1.3							46.9	7.5
WNW		3.5	2.6	.6								6.5	7.5
NW	.6		.3									1.0	4.7
NNW													
VARBL													
CALM												.6	
	7.1	40.0	40.0	9.0	2.2							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7111	POINT MUGU, CALIFORNIA	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

16
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			.2								.3	6.0
NE			.1	1.0	.6							1.7	14.5
ENE													
E													
ESE													
SE													
SSE		1.1	.2	.3								1.6	6.5
S	1.1	1.2	.2									2.5	4.4
SSW	1.4	1.4	1.1									4.0	4.5
SW	1.4	5.2	.3									7.1	4.6
WSW	1.6	6.3	1.3									10.1	4.6
W	5.2	23.1	18.5	2.9	1.0							49.7	6.5
WNW	1.2	5.1	7.5	1.6	.3							17.2	7.1
NW	.2	1.6	.4									2.6	5.0
NNW		1.2										1.2	4.7
VARBL													
CALM												1.7	
	14.4	47.4	29.6	6.2	1.9							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 368

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 14

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	1.9	.7									10.3	3.2
NNE	.7	.7		.7								1.9	4.7
NE	1.7	1.4	.6									2.9	4.4
ENE	.7	.7										.6	3.0
E	.4											.6	2.3
ESE	.7											.3	1.5
SE		.4	.7									.6	7.5
SSE	1.0	.3										1.3	2.5
S	1.7	1.0										2.3	3.6
SSW	.7											.3	1.0
SW	1.4	.3										1.6	2.6
WSW	1.3	.3	.7									2.9	2.7
W	.3	3.2	2.4	1.1	.3							9.4	6.4
WNW	1.2	3.2	1.3	1.5								10.6	5.1
NW	.1	3.5	.6									12.3	3.3
NNW	7.4	2.7	.3									10.4	2.9
VARBL													
CALM												22.4	
	3.7	18.7	6.5	2.3	.3							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 22

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.9	.3									11.6	2.9
NNE	4.8	1.6										6.5	2.8
NE	3.9	.6	.3	1.6								6.5	3.0
ENE	1.6											1.6	2.4
E	1.9											1.9	1.7
ESE	.6	.3										1.3	3.7
SE	.6	.9		.3								1.6	5.6
SSE		1.3	.3	.3								1.6	7.2
S	1.3	1.3	.6									2.5	4.5
SSW	.3	.3										.6	4.0
SW	.3	.3										.6	4.5
WSW	1.3											1.3	2.3
W	.3	.6	.3	.6								1.9	5.3
WNW	3.9	2.3	.6	.3	.3							6.5	5.1
NW	4.5	2.6										7.1	3.1
NNW	3.7	5.3	.3									14.3	3.3
VARBL													
CALM												12.9	
	41.3	19.4	2.3	3.2	.3							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]1	1.7	.3	.[illegible]								7.[illegible]	[illegible].[illegible]
NNE	4.5	1.1	.7	.2	.1							6.1	3.3
NE	3.[illegible]	1.3	.[illegible]	1.1	.2	.[illegible]	.[illegible]					7.4	[illegible].7
ENE	1.7	.2	.2	.3	.1							2.7	[illegible].[illegible]
E	1.[illegible]	.1	.1									1.[illegible]	2.7
ESE	.[illegible]	.[illegible]	.[illegible]									.7	[illegible].4
SE	.7	.[illegible]	.[illegible]	.1								1.[illegible]	[illegible].7
SSE	.[illegible]	1.[illegible]	.[illegible]	.1	.1							2.7	[illegible].[illegible]
S	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]								4.[illegible]	4.[illegible]
SSW	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								2.[illegible]	[illegible].1
SW	[illegible].[illegible]	1.4	.7									2.7	4.[illegible]
WSW	1.1	2.2	.7	.1								4.1	4.3
W	[illegible].[illegible]	7.3	[illegible].3	1.[illegible]	.3							17.[illegible]	[illegible].5
WNW	[illegible]	[illegible].[illegible]	1.[illegible]	.4	.1							[illegible].2	5.[illegible]
NW	[illegible].[illegible]	1.3	.4									4.[illegible]	[illegible].[illegible]
NNW	[illegible].[illegible]	1.[illegible]	.1									[illegible].[illegible]	2.9
VARBL													
CALM												23.[illegible]	
	[illegible].[illegible]	[illegible].4	1[illegible].7	[illegible].[illegible]	1.0	.[illegible]	.7					1[illegible].[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS [illegible]477

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] POINT MUGU, CALIFORNIA [illegible]
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	4.3	[illegible]									14.[illegible]	[illegible]
NNE	11.[illegible]	3.[illegible]	1.[illegible]									15.[illegible]	[illegible]
NE	[illegible]	[illegible]	4.[illegible]	1.[illegible]	.3							17.[illegible]	[illegible]
ENE	4.[illegible]	.7	2.[illegible]	1.7								[illegible].[illegible]	.4
E	1.7	2.[illegible]		1.[illegible]								4.[illegible]	[illegible]
ESE	1.7											1.[illegible]	[illegible]
SE	.7		.[illegible]	.3								1.[illegible]	[illegible]
SSE		.[illegible]										.[illegible]	[illegible]
S													
SSW	.7											.7	[illegible]
SW		.[illegible]	.[illegible]		.3							1.[illegible]	[illegible]
WSW	.3											.[illegible]	[illegible]
W		1.[illegible]		.3								1.[illegible]	[illegible]
WNW	1.7	.3		1.[illegible]								[illegible].7	5.6
NW	.7											.7	[illegible]
NNW	[illegible].7	3.3										[illegible].[illegible]	[illegible]
VARBL													
CALM												23.[illegible]	
	43.3	19.7	[illegible].0	[illegible].3	.7							[illegible]0.[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1[illegible]	[illegible]	[illegible]									1[illegible]	[illegible]
NNE	11.7	4.[illegible]	1.[illegible]									1[illegible]	[illegible]
NE	11.[illegible]	3.3	[illegible]	1.[illegible]	[illegible]							19.[illegible]	4.4
ENE	[illegible]	1.[illegible]	4.[illegible]	1.3	[illegible]	[illegible]						9.7	7.[illegible]
E	[illegible]	[illegible]	[illegible]	1.[illegible]								[illegible]	5.7
ESE	[illegible]	[illegible]										1.[illegible]	[illegible]
SE													
SSE	[illegible]	[illegible]										[illegible]	[illegible].5
S													
SSW													
SW	[illegible]											[illegible]	[illegible]
WSW		[illegible]			[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								2.[illegible]	[illegible]
WNW	1.[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	5.4
NW	1.[illegible]	[illegible]										[illegible]	2.[illegible]
NNW	[illegible]	2.[illegible]										4.7	3.4
VARBL													
CALM												16.7	
	4[illegible].7	[illegible]0.7	10.0	4.7	1.0	[illegible]						1[illegible].[illegible]	3.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] [illegible], CALIF[illegible] [illegible] NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER 1?
CLASS HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE				.?	.3							.?	17.5
NE	.?	.?	1.?	2.3	.?		.3					5.?	12.3
ENE			.?	1.3		.?						2.3	13.6
E			.?	1.?								1.?	12.3
ESE	.?	.?	.?									1.?	5.3
SE		.3	1.	1.?								2.3	9.4
SSE		.?	?.?									4.?	7.4
S	.?	3.?	6.?	.3								12.7	6.5
SSW	1.?	4.?	1.									6.?	4.9
SW	.?	2.?	1.?									4.?	4.3
WSW	.?	?.?	1.?									3.?	?.3
W	4.?	?.3	13.?	?.?		.?						?1.?	6.5
WNW	.?	.?	3.?	1.?								5.?	?.1
NW	.?		.?									1.?	5.7
NNW													
VARBL													
CALM												1.?	
	1?.?	4?.?	33.3	1?.?	1.?	.?	.3					1??.	5.?

TOTAL NUMBER OF OBSERVATIONS ??

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	73-[illegible]	NOV

CLASS: ALL WEATHER

HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.3										1.[illegible]	[illegible]
NNE			.[illegible]	.3								.[illegible]	10.5
NE	.[illegible]		.[illegible]	1.[illegible]								2.[illegible]	[illegible]
ENE	.[illegible]		.[illegible]	.3	.7							1.7	13.[illegible]
E													
ESE													
SE		.7	1.									1.7	6.6
SSE	.7	.5	1.									2.[illegible]	5.5
S	1.[illegible]	4.[illegible]	1.7									6.7	5.3
SSW	1.[illegible]	1.	.[illegible]									3.[illegible]	5.6
SW	.[illegible]	2.3										[illegible]	[illegible]
WSW	[illegible]	[illegible]	1.[illegible]	1.[illegible]								[illegible]	[illegible]
W	1.[illegible]	14.7	7.7	2.[illegible]	1.3							3[illegible]	5.9
WNW	[illegible]	12.7	3.7	.3		.7						[illegible]	[illegible]
NW	1.[illegible]	3.[illegible]	1.[illegible]									5.7	5.1
NNW	.[illegible]	1.[illegible]										1.7	3.6
VARBL													
CALM												3.	
	[illegible].0	43.[illegible]	13.7	5.[illegible]	[illegible].0	.[illegible]						1[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]00

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]										10.[illegible]	[illegible]
NNE	4.7	1.7	1.[illegible]	.7								[illegible]	4.5
NE	[illegible].4	1.7	1.[illegible]	1.[illegible]								10.4	4.2
ENE	[illegible].7	.7	.7	.7	.3							5.[illegible]	5.[illegible]
E	[illegible]											2.[illegible]	2.3
ESE	1.[illegible]	.[illegible]										2.[illegible]	3.[illegible]
SE	1.[illegible]	1.[illegible]										2.[illegible]	3.[illegible]
SSE	1.[illegible]											1.[illegible]	2.3
S		.[illegible]	.[illegible]									.[illegible]	[illegible].5
SSW	1.[illegible]		.[illegible]									1.[illegible]	3.5
SW	1.[illegible]	.[illegible]										1.[illegible]	3.[illegible]
WSW	.[illegible]	.[illegible]										.[illegible]	[illegible].[illegible]
W	1.[illegible]	1.7	1.[illegible]	1.7								[illegible].[illegible]	7.4
WNW	[illegible].[illegible]	[illegible].[illegible]	.3	1.[illegible]								[illegible].[illegible]	[illegible].4
NW	[illegible].[illegible]	1.7		.[illegible]								[illegible].[illegible]	3.[illegible]
NNW	[illegible].[illegible]	[illegible].[illegible]										11.[illegible]	2.[illegible]
VARBL													
CALM												23.4	
	4[illegible].5	1[illegible].1	[illegible].[illegible]	[illegible].[illegible]	.[illegible]							1[illegible].[illegible]	[illegible].2

TOTAL NUMBER OF OBSERVATIONS [illegible]9

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT HUGU, CALIFORNIA	73-87	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

22 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	11.0	[illegible]	.7									19.7	3.4
NNE	.7	4.7	1.	.3								11.3	4.1
NE	.7	3.7	1.7	1.3	.7							10.3	6.5
ENE	1.7	.3	1.7	2.0								5.3	6.5
E	.3	.3	.7									3.3	4.1
ESE	1.7	.3	.3									2.3	3.1
SE		.7	.7									1.0	5.7
SSE	.7											.7	1.5
S	.7			.3								1.0	6.7
SSW	.7			.7								1.0	8.0
SW	.7											.7	3.0
WSW	.7	.3										1.	3.3
W		.7	.3	.7								1.7	9.2
WNW	.0	1.0	1.3	.7								3.0	6.0
NW	1.7	.3	.7									2.3	3.4
NNW	3.7	6.3										10.0	2.2
VARBL													
CALM												17.7	
	40.7	26.7	8.3	5.0	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	NOV

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.7	4.[illegible]	.[illegible]	.[illegible]								11.[illegible]	3.3
NNE	[illegible]	2.[illegible]	.[illegible]	.2	.[illegible]							4.[illegible]	3.7
NE	4.6	2.1	1.[illegible]	1.6	.5	.[illegible]	.0					10.[illegible]	[illegible].4
ENE	1.[illegible]	.[illegible]	2.[illegible]	1.6	.2	.1						6.4	8.2
E	1.[illegible]	.5	.4	.7	.1							3.[illegible]	6.[illegible]
ESE	.[illegible]	.3	.1									1.3	3.6
SE	.[illegible]	.[illegible]	.[illegible]	.2								1.4	6.6
SSE	.[illegible]	.[illegible]	.[illegible]									1.7	5.5
S	1.[illegible]	1.4	1.2	.1								3.7	5.7
SSW	.[illegible]	1.[illegible]	.[illegible]	.1								2.1	4.3
SW	1.[illegible]	.[illegible]	.[illegible]		.[illegible]							[illegible].[illegible]	4.2
WSW	.[illegible]	1.4	.[illegible]	.1	.[illegible]	.[illegible]						[illegible].7	5.4
W	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	1.2	.[illegible]	.[illegible]						12.[illegible]	[illegible].[illegible]
WNW	[illegible].[illegible]	2.5	1.[illegible]	.[illegible]	.[illegible]	.[illegible]						6.[illegible]	5.7
NW	1.[illegible]	.[illegible]	.[illegible]	.[illegible]								[illegible].[illegible]	3.6
NNW	[illegible].4	[illegible].[illegible]	.									6.[illegible]	[illegible].1
VARBL													
CALM												14.[illegible]	
	3[illegible].[illegible]	[illegible]7.[illegible]	13.[illegible]	6.6	[illegible].1	.[illegible]	.0					1[illegible].[illegible]	4.4

TOTAL NUMBER OF OBSERVATIONS 2399

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	DEC

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 01

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1[illegible]	4.7	1.	.3								16.4	3.1
NNE	7.1	4.5	1.	.3	.3							13.2	4.1
NE	.5	3.9	4.5	1.3	.6	.3						17.1	6.5
ENE	2.[illegible]	.3	2.3	1.9	.6							8.1	4.8
E	1.[illegible]	.6	.[illegible]	.3								2.6	3.1
ESE	.[illegible]		1.[illegible]									1.3	6.8
SE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.3	3.[illegible]
SSE	1.	1.[illegible]	.[illegible]									2.[illegible]	4.2
S		.[illegible]	.6									1.[illegible]	6.[illegible]
SSW			.[illegible]									.[illegible]	9.[illegible]
SW													
WSW	.[illegible]											.3	3.0
W	.[illegible]	1.[illegible]			.3							1.[illegible]	5.8
WNW	1.[illegible]	.3	.6	.3	.3							2.[illegible]	5.7
NW	1.[illegible]	.3										1.6	2.8
NNW	4.2	1.[illegible]	.[illegible]									6.5	[illegible].4
VARBL													
CALM												20.5	
	4[illegible].0	1[illegible].4	12.6	4.8	2.3	.3						100.[illegible]	4.0

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT MUGU, CALIFORNIA	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

34
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	11.0	5.2	.6									16.8	3.1
NNE	.7	4.2	2.7	.3								15.9	4.0
NE	.4	2.6	3.1	2.3	.6	.7						17.7	6.4
ENE	[illegible]	2.6	1.6	2.6	.7							11.0	5.6
E	[illegible]	.5	1.[illegible]									4.5	3.8
ESE	.7	.7	.7	.3								1.3	6.8
SE			.1	.3								.6	9.5
SSE				.7								.3	12.0
S		.1	.5									1.0	7.3
SSW	.1		.7									.6	5.5
SW	.4											.5	2.5
WSW	.1											.6	2.0
W		1.1										1.1	5.3
WNW	.7	.3	.7	.3	.3							1.6	4.6
NW	1.4	1.1	.7									2.9	3.7
NNW	2.1	1.9										4.5	3.2
VARBL													
CALM												19.5	
	41.3	20.3	11.3	6.5	1.3	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

111	POINT MUGU, CALIFORNI	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

07
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	12.[illegible]	7.1	.[illegible]									[illegible].[illegible]	3.1
NNE	[illegible].[illegible]	6.9	1.[illegible]	.3	.3							15.[illegible]	4.4
NE	4.[illegible]	1.[illegible]	7.2	1.3	.6							11.9	6.5
ENE	2.3	1.[illegible]	1.[illegible]	3.9	.6	.3						11.[illegible]	[illegible].2
E	2.[illegible]	.[illegible]	1.[illegible]									4.2	3.7
ESE	1.[illegible]			.3								1.6	4.4
SE		.[illegible]		.3								1.[illegible]	5.7
SSE			.[illegible]									.6	7.[illegible]
S	.[illegible]	1.3	.3									2.3	4.4
SSW	.[illegible]	.3	.3									1.[illegible]	4.3
SW													
WSW	.[illegible]		.[illegible]									.6	5.5
W	.2	1.3										1.[illegible]	4.[illegible]
WNW	.[illegible]	1.[illegible]		.3								1.9	5.2
NW	1.[illegible]	.3		.[illegible]								1.[illegible]	4.6
NNW	2.[illegible]	1.[illegible]	.[illegible]									[illegible].3	3.4
VARBL													
CALM												18.7	
	3[illegible].[illegible]	25.2	10.[illegible]	6.8	1.6	.[illegible]						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS [illegible]10

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	POINT MUGU, CALIFORNIA	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.8	7.2	.3									11.7	3.0
NNE	4.5	2.2	.6	.3								7.7	3.9
NE	8.8	1.8	3.6	2.3	1.9	.7						13.2	9.9
ENE	1.5	1.5	1.6	5.5	1.3	.7						12.3	11.1
E	3.2	1.3	1.2	1.0	.3							6.1	6.3
ESE	.4	1.0	.4									2.3	4.9
SE	.8	1.0	1.0									2.3	6.0
SSE		.4	1.0	.3								1.8	8.3
S	1.0	1.4	.6	.3								3.4	5.6
SSW	.8	1.0	.3									1.6	4.8
SW	.3											.3	2.0
WSW	1.2		.7									1.8	2.6
W	1.8	1.3	1.0	.3								3.6	6.1
WNW	2.3		.3	1.0								3.6	5.9
NW	3.2	1.3										4.5	2.7
NNW	1.8	1.0										3.9	3.3
VARBL													
CALM												17.5	
	33.7	21.0	12.6	11.0	3.6	.5						100.5	5.1

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 13

CONDITION:

SPEED (KNTS) DIR.	1 - 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				1.6	.3							1.9	14.2
NE			1.[illegible]	3.5	.6		.3					6.9	13.7
ENE				2.9	1.0	.7						4.[illegible]	15.3
E	.[illegible]			.8	.3							1.[illegible]	11.[illegible]
ESE	.[illegible]	1.[illegible]	1.0									2.3	5.9
SE	.[illegible]	1.3	.6	.3								2.6	6.6
SSE	.[illegible]	2.3	2.5	1.6								6.[illegible]	9.1
S	1.[illegible]	5.4	4.[illegible]	.3								14.[illegible]	5.7
SSW	1.[illegible]	3.[illegible]	1.0		.3							7.7	[illegible].6
SW	.[illegible]	4.2	1.[illegible]									5.[illegible]	[illegible].1
WSW	1.[illegible]	4.1		.3								7.4	4.5
W	5.[illegible]	11.[illegible]	10.[illegible]	1.0								27.1	5.9
WNW	.[illegible]	1.9	1.[illegible]	2.6	.3							6.5	[illegible].8
NW	.[illegible]	.6	.3									1.[illegible]	5.8
NNW		.[illegible]										.6	4.5
VARBL													
CALM												3.[illegible]	
	1[illegible].3	42.6	23.[illegible]	14.8	[illegible].9	.3	.3					1[illegible].[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS: 31[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L S T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]			.[illegible]								.[illegible]	[illegible]
NNE	.[illegible]	.[illegible]	.[illegible]	.6	.[illegible]							2.[illegible]	[illegible]
NE			.[illegible]	[illegible].9	.3							4.[illegible]	13.7
ENE		.[illegible]	.[illegible]	.6	.6	.[illegible]						2.3	14.3
E			.[illegible]									.[illegible]	[illegible]
ESE			.[illegible]	.[illegible]								1.[illegible]	10.3
SE		1.[illegible]	1.[illegible]	.6								2.[illegible]	8.9
SSE		1.[illegible]	1.[illegible]									1.[illegible]	7.[illegible]
S	1.[illegible]	3.6	1.[illegible]	1.[illegible]								7.[illegible]	6.[illegible]
SSW	4.[illegible]	1.	.[illegible]		.3							6.1	4.1
SW	[illegible].[illegible]	1.9										4.5	[illegible].[illegible]
WSW	1.[illegible]	1.[illegible]	.[illegible]	.3								[illegible].[illegible]	[illegible].[illegible]
W	.[illegible]7	1[illegible].3	2.[illegible]	.6	1.[illegible]							27.[illegible]	[illegible].[illegible]
WNW	.[illegible]1	[illegible].[illegible]	3.[illegible]	1.[illegible]								16.[illegible]	5.3
NW	[illegible].[illegible]	3.9	.[illegible]	.3								7.4	4.3
NNW	1.[illegible]	.3		.[illegible]								1.[illegible]	4.5
VARBL													
CALM												[illegible].1	
	[illegible].4	33.[illegible]	14.[illegible]	10.4	2.6	.[illegible]						100.[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | [illegible], CALIFORNIA (STATION NAME) | [illegible]-82 (YEARS) | DEC (MONTH)

ALL WEATHER (CLASS) | 1[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	.[illegible]									7.[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	1.[illegible]								13.[illegible]	4.5
NE	.[illegible]	[illegible]	1.[illegible]	1.[illegible]	.3	.3						12.[illegible]	5.3
ENE	[illegible]	[illegible]	1.[illegible]	1.[illegible]	.3	.[illegible]						[illegible].7	[illegible]
E	[illegible]	1.[illegible]	.[illegible]									[illegible].[illegible]	[illegible]
ESE	.[illegible]	.[illegible]		.[illegible]								1.3	[illegible]
SE		.[illegible]	.[illegible]									1.[illegible]	[illegible]
SSE	.[illegible]	.[illegible]										1.[illegible]	3.7
S	.[illegible]	1.[illegible]										[illegible].3	4.[illegible]
SSW	.[illegible]	.[illegible]		.[illegible]								1.[illegible]	[illegible]
SW		.[illegible]										.[illegible]	[illegible]
WSW	.[illegible]				.[illegible]							.[illegible]	1.[illegible]
W	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								[illegible].[illegible]	[illegible]
WNW	1.[illegible]	.[illegible]	1.[illegible]	.3								[illegible].[illegible]	[illegible]
NW	[illegible]	1.[illegible]		.[illegible]								.[illegible]	[illegible]
NNW	[illegible]	[illegible]										[illegible].[illegible]	[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].2	1.[illegible]	.[illegible]						1 [illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L S T): -

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	10.7	7.3	1.									19.1	3.4
NNE	3.	4.2	2.3									9.	4.2
NE	4.7	2.3	3.	2.6		.1						13.	7.5
ENE	1.3	2.3	1.	2.3								.4	7.7
E	1.7	1.1	.1									3.	5.3
ESE	1.			.3								1.	4.
SE		.1	.1		.3							1.	11.3
SSE	1.	.3										1.	3.3
S	.1	1.1										1.	4.
SSW													
SW		.										.1	3.
WSW	.1			.3								1.	4.7
W	.1		.1	.1	.3							2.3	7.4
WNW	1.	1.3	.1	.3								3.	4.7
NW	2.1	.3										2.	2.3
NNW	4.3	4.5										9.7	3.1
VARBL													
CALM												21.	
	31.	22.7	12.1	4.5	.6	.1						100.	4.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 29173

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

11 (STATION) | [illegible] (STATION NAME) | [illegible] (YEARS) | ALL (MONTH)

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

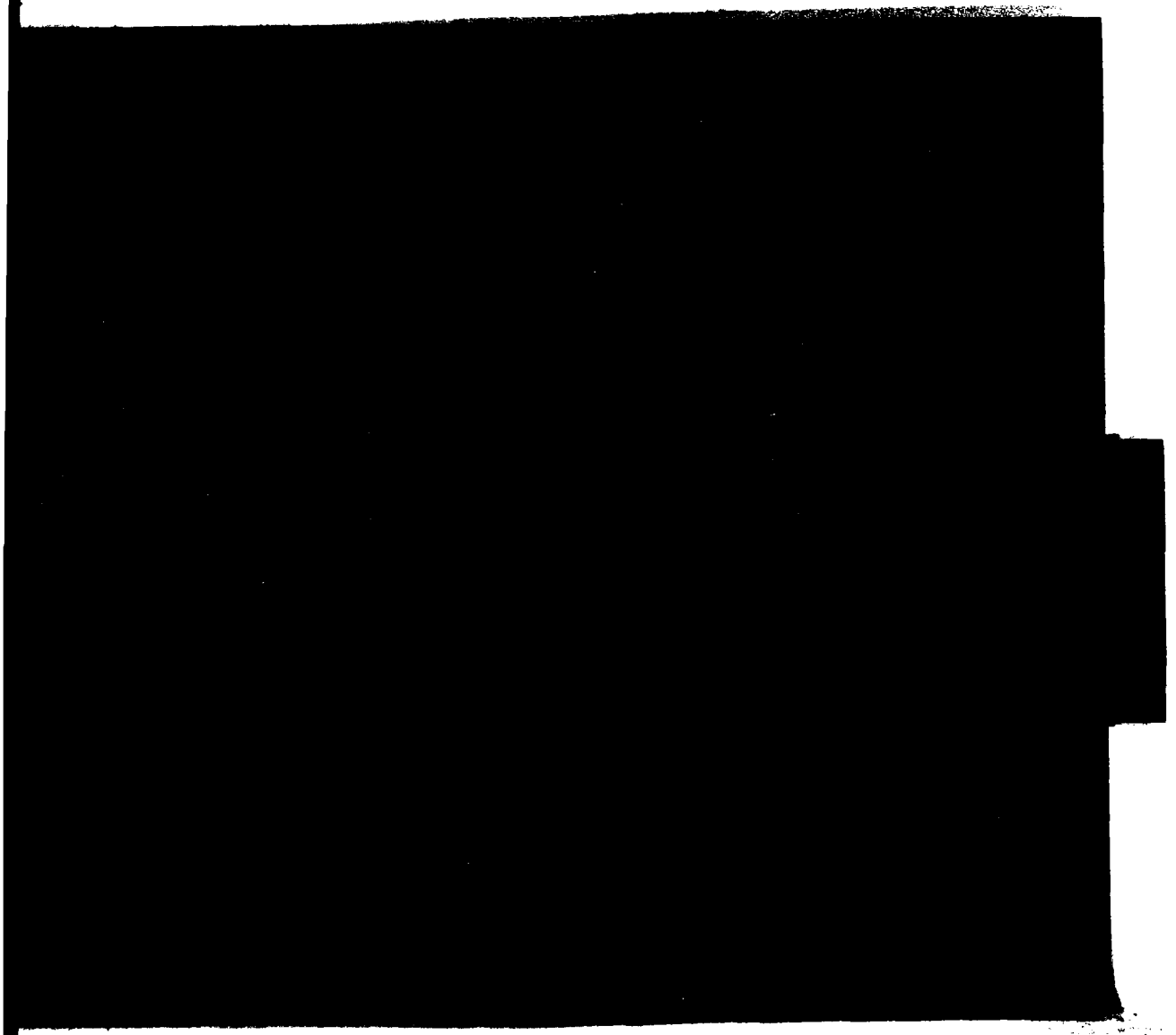
CEILING 10 THOU FT W/VSBY 1/2 MI OR MORE, (CONDITION)

[illegible] VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									[illegible]	2.6
NNE	[illegible]	1.[illegible]	[illegible]									4.[illegible]	2.9
NE	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	3.3
ENE	[illegible]	[illegible]	[illegible]	[illegible]								2.[illegible]	3.1
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						1.[illegible]	3.[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							1.[illegible]	5.4
SE	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						3.[illegible]	6.4
SSE	[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]							4.[illegible]	6.[illegible]
S	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	1.[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]							4.[illegible]	[illegible]
SW	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							4.[illegible]	4.[illegible]
WSW	1.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	4.[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							14.1	[illegible]
WNW	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	4.4
NW	[illegible]	1.[illegible]	[illegible]									4.[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	33.[illegible]	[illegible]	12.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]176

SMOS



NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

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

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

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

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

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



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | JAN (MONTH)

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.0	61.6	64.2	67.1	68.1	68.4	69.0	70.0	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.3
≥ 20000	44.2	64.2	67.1	70.0	71.3	71.3	72.3	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6
≥ 18000	44.2	64.2	67.1	70.0	71.3	71.3	72.3	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6
≥ 16000	44.2	64.2	67.1	70.0	71.3	71.3	72.3	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.6	73.6
≥ 14000	44.5	64.5	67.7	71.0	71.9	72.3	73.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5
≥ 12000	44.5	64.5	67.7	71.0	71.9	72.3	73.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5
≥ 10000	45.2	65.8	69.0	72.3	73.2	73.6	74.5	75.5	75.5	75.5	75.5	75.5	75.8	75.8	75.8	75.8
≥ 9000	45.2	65.8	69.0	72.3	73.2	73.6	74.5	75.5	75.5	75.5	75.5	75.5	75.8	75.8	75.8	75.8
≥ 8000	45.2	66.1	69.4	72.6	73.6	73.9	74.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.1
≥ 7000	45.5	66.5	70.0	73.2	74.2	74.5	75.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8
≥ 6000	45.5	66.5	70.0	73.2	74.2	74.5	75.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8
≥ 5000	46.1	67.1	70.7	73.9	74.8	75.2	76.1	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.4	77.4
≥ 4500	46.3	68.7	72.3	75.5	76.5	76.8	77.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.0
≥ 4000	47.1	69.4	72.9	76.1	77.1	77.4	78.4	79.4	79.4	79.4	79.4	79.4	79.7	79.7	79.7	79.7
≥ 3500	47.1	69.7	73.2	76.5	77.4	77.7	78.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0
≥ 3000	47.1	70.7	74.2	77.4	78.4	78.7	79.7	80.7	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.0
≥ 2500	48.1	71.9	75.5	78.7	79.7	80.0	81.0	81.9	81.9	81.9	81.9	81.9	82.3	82.3	82.3	82.3
≥ 2000	48.1	73.9	77.4	81.3	82.3	82.6	83.6	84.5	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8
≥ 1800	48.1	74.5	78.1	81.9	82.9	83.2	84.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5
≥ 1500	48.1	75.2	79.7	83.9	85.8	86.1	87.1	88.1	88.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4
≥ 1200	48.4	75.5	80.7	84.8	86.8	87.1	88.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7	89.7	89.7
≥ 1000	49.0	76.1	82.3	86.5	88.7	89.0	90.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 900	49.1	76.1	82.3	86.5	88.7	89.0	90.3	91.3	91.3	91.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 800	49.3	76.5	82.9	87.1	89.4	89.7	91.3	92.3	92.3	92.6	92.6	92.6	92.9	92.9	92.9	92.9
≥ 700	49.3	76.5	82.9	87.1	89.4	90.0	90.7	92.3	93.2	93.2	93.6	93.6	93.9	93.9	93.9	93.9
≥ 600	49.3	76.5	82.9	87.1	90.1	90.7	92.9	93.9	93.9	94.2	94.2	94.2	94.5	94.5	94.5	94.5
≥ 500	49.3	76.5	82.9	87.4	91.3	91.9	94.5	95.5	95.5	95.8	95.8	95.8	96.1	96.1	96.5	96.5
≥ 400	49.3	76.8	83.9	88.4	92.3	92.9	95.5	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.7	97.7
≥ 300	49.3	76.8	83.9	88.4	92.3	92.9	95.5	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.7	97.7
≥ 200	49.3	76.8	83.9	88.4	92.3	92.9	95.5	96.5	96.5	97.1	97.1	97.1	97.4	97.4	98.1	98.1
≥ 100	49.3	76.8	83.9	88.7	92.6	93.2	95.8	96.8	96.8	97.7	97.7	97.7	98.1	98.1	98.7	98.7
≥ 0	49.3	76.8	83.9	88.7	92.6	93.2	95.8	96.8	96.8	97.7	97.7	97.7	98.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | POINT MUGU, CALIFORNIA | 73-82 | JAN

STATION | STATION NAME | YEARS | MONTH

04

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	42.3	[illegible]	64.2	[illegible]	67.1	67.1	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	[illegible]	[illegible]
≥ 20000	43.6	[illegible]	66.5	66.8	69.4	69.4	70.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.6	[illegible]
≥ 18000	43.6	63.2	66.8	67.1	69.7	69.7	[illegible]	71.6	71.6	[illegible]	[illegible]	[illegible]	71.6	71.6	71.9	[illegible]
≥ 16000	43.6	63.2	66.8	67.1	69.7	69.7	[illegible]	71.6	71.6	[illegible]	[illegible]	[illegible]	71.6	[illegible]	[illegible]	[illegible]
≥ 14000	43.9	65.2	69.0	69.4	72.3	72.3	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.8
≥ 12000	44.2	65.8	69.7	[illegible]	72.9	72.9	73.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8	[illegible]	[illegible]
≥ 10000	44.2	66.5	[illegible]	[illegible]	73.5	73.6	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8	[illegible]
≥ 9000	44.2	66.5	[illegible]	[illegible]	73.6	73.6	74.5	75.5	75.5	75.5	[illegible]	75.5	75.5	75.5	75.8	[illegible]
≥ 8000	44.2	66.5	[illegible]	[illegible]	73.9	73.9	74.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	[illegible]	[illegible]
≥ 7000	44.2	66.8	71.3	71.6	74.5	74.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	77.1
≥ 6000	44.2	67.4	71.9	[illegible]	75.2	75.2	76.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.4	77.7
≥ 5000	44.2	68.1	72.6	73.2	76.1	76.1	77.1	78.1	78.1	[illegible]	[illegible]	78.1	78.1	78.1	78.4	[illegible]
≥ 4500	44.5	[illegible]	73.2	73.9	76.8	76.8	77.7	78.7	78.7	[illegible]	78.7	78.7	78.7	78.7	79.0	79.4
≥ 4000	44.5	[illegible]	73.8	74.2	77.1	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.7
≥ 3500	45.5	[illegible]	74.8	[illegible]	78.4	78.4	79.4	80.3	80.3	80.3	[illegible]	[illegible]	80.3	80.3	[illegible]	[illegible]
≥ 3000	46.1	71.6	76.5	77.1	[illegible]	[illegible]	81.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.3	[illegible]
≥ 2500	46.1	72.6	77.7	78.7	81.6	81.6	82.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.9	84.2
≥ 2000	46.9	74.2	79.7	81.1	83.9	83.9	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	[illegible]
≥ 1800	46.8	74.2	79.7	81.0	83.9	83.9	84.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.5
≥ 1500	47.1	74.5	81.6	[illegible]	88.1	[illegible]	89.4	90.3	90.3	90.3	90.3	90.3	90.3	[illegible]	[illegible]	[illegible]
≥ 1200	47.1	74.8	81.6	82.9	88.1	88.1	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0	91.3
≥ 1000	47.1	75.5	82.9	84.2	[illegible]	[illegible]	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.6
≥ 900	47.1	75.5	82.9	84.2	90.7	90.0	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.6
≥ 800	47.1	75.5	83.2	84.5	90.3	90.3	92.3	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.6	93.9
≥ 700	47.1	75.8	83.6	84.8	90.7	90.7	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9	94.2
≥ 600	47.1	75.8	83.9	85.5	91.3	91.3	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.8
≥ 500	47.1	76.1	84.2	85.8	91.6	91.6	93.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8	[illegible]	95.5
≥ 400	47.1	76.1	84.2	85.8	91.9	91.9	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.8
≥ 300	47.1	76.1	84.2	[illegible]	91.9	91.9	95.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.4	97.7
≥ 200	47.1	76.1	84.2	85.8	91.9	91.9	95.5	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.7	98.1
≥ 100	47.1	76.1	84.2	85.8	91.9	91.9	95.5	96.8	97.1	97.4	97.7	97.7	97.7	97.7	99.0	99.4
0	47.1	76.1	84.2	85.8	91.9	91.9	95.5	96.8	97.1	97.4	97.7	97.7	97.7	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] POINT MUGU, CALIFORNIA 72-82 JAN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

/

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.2	63.0	61.3	62.6	63.[illegible]	65.2	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.8	66.8
≥ 20000	47.1	63.2	64.8	66.1	67.4	68.7	70.3	70.3	70.4	70.3	70.3	70.3	70.3	70.3	70.7	70.7
≥ 18000	47.4	63.6	65.2	66.5	67.7	69.0	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	71.1	71.1
≥ 16000	47.4	63.6	65.2	66.5	68.1	69.4	70.7	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.3	71.3
≥ 14000	48.7	65.8	67.4	68.7	70.3	71.9	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.9	73.9
≥ 12000	48.7	65.8	67.4	68.7	70.3	71.9	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.9	73.9
≥ 10000	48.7	67.1	68.7	70.3	71.9	73.6	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.5	75.5
≥ 9000	49.7	67.4	69.1	70.7	72.3	73.9	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.8	75.8
≥ 8000	50.0	68.1	69.7	71.6	73.2	74.8	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.9	76.8
≥ 7000	50.3	68.7	70.3	72.3	73.9	75.5	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.4	77.4
≥ 6000	50.3	69.3	70.7	72.6	74.5	76.1	77.4	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.4	78.4
≥ 5000	51.7	70.3	72.3	74.2	76.1	78.1	79.4	79.7	79.7	80.0	80.[illegible]	80.3	80.0	80.0	80.3	80.3
≥ 4500	52.1	71.3	72.9	74.8	76.8	78.7	80.0	80.3	80.3	80.7	80.7	80.7	80.7	80.7	81.0	81.0
≥ 4000	52.1	71.3	73.6	75.5	77.4	79.4	80.7	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.6	81.6
≥ 3500	52.6	71.6	73.9	75.8	77.7	79.7	81.0	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.9	81.9
≥ 3000	53.0	72.0	75.2	77.1	79.2	81.3	82.6	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.6	83.6
≥ 2500	54.0	73.9	76.5	78.4	80.3	82.9	84.2	84.5	84.5	84.8	84.8	84.8	84.8	84.8	85.2	85.2
≥ 2000	54.0	74.1	77.1	79.0	81.0	82.9	85.5	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.7	87.7
≥ 1800	54.0	74.1	77.1	79.0	81.0	82.9	85.5	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.7	87.7
≥ 1500	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 1200	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 1000	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 900	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 800	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 700	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 600	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 500	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 400	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 300	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 200	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 100	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	88.4
≥ 0	54.3	74.7	77.7	79.6	81.6	83.6	86.2	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: JAN | HOURS (LST): [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.8	57.[illegible]	59.2	6[illegible]	61.7	61.2	61.2	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 20000	[illegible]	61.8	64.7	65.7	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 18000	51.[illegible]	62.5	65.4	66.3	67.6	67.6	68.[illegible]	68.[illegible]	68.[illegible]	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 16000	52.1	63.1	66.2	67.[illegible]	68.3	68.3	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 14000	53.4	63.1	66.[illegible]	67.[illegible]	71.6	71.2	71.5	71.5	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 12000	53.7	66.3	69.3	7[illegible].2	71.8	72.5	72.8	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 10000	54.7	64.[illegible]	70.9	71.8	74.1	75.1	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000	54.7	66.3	71.2	72.2	74.4	75.4	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000	55.[illegible]	66.6	71.8	72.8	75.1	76.1	76.4	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	55.3	66.9	72.2	73.1	75.4	76.4	76.7	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	56.[illegible]	67.6	72.8	73.8	76.1	77.[illegible]	77.4	77.7	77.7	78.[illegible]	78.[illegible]	78.[illegible]	78.0	78.[illegible]	78.[illegible]	78.[illegible]
≥ 5000	56.[illegible]	67.6	72.8	74.1	76.4	77.4	77.7	78.[illegible]	78.[illegible]	78.3	78.[illegible]	78.3	78.3	78.3	78.3	78.[illegible]
≥ 4500	57.6	71.2	74.4	75.7	78.[illegible]	79.0	79.3	79.6	79.6	79.9	79.[illegible]	79.9	79.9	79.9	79.9	79.[illegible]
≥ 4000	58.3	71.8	75.1	76.4	78.6	79.[illegible]	79.9	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.[illegible]	80.6
≥ 3500	58.6	72.1	76.4	77.7	79.9	80.9	81.2	81.6	81.6	81.9	81.[illegible]	81.9	81.9	81.9	81.9	81.9
≥ 3000	59.9	73.6	77.4	79.[illegible]	81.7	82.2	82.5	83.2	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2500	59.[illegible]	74.3	78.3	80.3	82.5	83.5	83.8	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	59.3	74.4	80.3	82.2	84.8	85.8	86.4	87.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	59.9	74.7	8[illegible].6	83.2	86.1	87.1	87.7	88.4	88.4	88.7	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]
≥ 1500	60.5	77.7	81.9	84.5	88.[illegible]	89.6	90.6	91.3	91.3	91.9	92.2	92.[illegible]	92.2	92.2	92.2	92.2
≥ 1200	61.2	79.3	83.5	86.1	89.6	91.8	92.6	93.2	93.2	93.9	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	61.2	79.[illegible]	83.5	86.1	89.6	92.2	93.5	94.2	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	61.2	79.[illegible]	83.5	86.1	89.6	92.2	93.5	94.2	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	61.2	79.[illegible]	83.9	86.4	9[illegible].1	92.6	93.9	94.5	94.5	95.5	95.8	95.8	95.8	95.8	95.[illegible]	95.[illegible]
≥ 700	61.2	79.[illegible]	83.8	86.7	9[illegible].3	92.9	94.5	95.2	95.2	96.1	96.4	96.4	96.4	96.[illegible]	96.4	[illegible].4
≥ 600	61.2	79.[illegible]	83.8	86.7	90.3	92.9	94.5	95.2	95.2	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	61.2	79.[illegible]	84.1	87.[illegible]	90.6	93.5	95.2	95.8	95.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	61.2	79.[illegible]	84.1	87.4	9[illegible].9	94.2	95.8	96.4	96.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	61.2	79.[illegible]	84.1	87.4	91.3	94.8	96.4	97.1	97.1	98.7	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	61.2	79.[illegible]	84.1	87.4	91.3	94.8	96.4	97.1	97.1	99.[illegible]	99.7	99.7	100.0	100.[illegible]	100.0	100.0
≥ 100	61.2	79.[illegible]	84.1	87.4	91.3	94.8	96.4	97.1	97.1	99.[illegible]	99.7	99.7	100.0	100.[illegible]	100.0	100.0
0	61.2	79.[illegible]	84.1	87.4	91.3	94.8	96.4	97.1	97.1	99.[illegible]	99.7	99.7	100.0	100.[illegible]	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JA[illegible]

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4[illegible]	5[illegible].2	56.[illegible]	57.7	59.7	59.7	60.3	60.3	60.3	60.3	60.3	6[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible]
≥ 20000	[illegible]1.3	[illegible]4.3	65.8	67.4	69.4	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000	[illegible]1.3	[illegible]2.4	66.8	68.4	7[illegible].3	7[illegible].7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	[illegible]1.3	[illegible]2.4	66.8	68.4	7[illegible].3	7[illegible].7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	[illegible]2.3	[illegible]3.4	67.7	69.7	71.6	71.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	52.[illegible]	54.6	66.7	7[illegible].7	72.9	72.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 10000	53.[illegible]	66.5	7[illegible].7	72.9	74.8	75.2	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000	53.[illegible]	66.8	71.[illegible]	73.2	75.2	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	54.2	67.1	71.3	73.6	75.5	75.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 7000	54.5	67.7	71.9	74.2	76.1	76.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 6000	55.2	66.4	72.6	74.8	76.8	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	55.5	66.[illegible]	73.2	75.5	77.4	77.7	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
≥ 4500	55.[illegible]	66.7	73.9	76.2	78.4	78.7	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
≥ 4000	55.[illegible]	66.7	73.9	76.2	78.4	78.7	80.0	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
≥ 3500	5[illegible].1	7[illegible].[illegible]	74.2	76.8	78.7	79.0	80.3	80.3	80.3	80.3	80.[illegible]	80.3	80.3	80.3	80.3	80.3
≥ 3000	5[illegible].5	7[illegible].7	74.8	77.4	79.4	79.[illegible]	81.3	81.3	81.3	81.3	81.[illegible]	81.3	81.3	81.3	81.3	81.3
≥ 2500	57.[illegible]	71.[illegible]	76.1	78.7	80.7	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	58.7	74.2	78.7	80.3	85.2	86.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1800	58.7	74.2	78.7	82.3	85.2	86.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1500	[illegible]0.1	7[illegible].8	82.6	85.2	88.4	89.7	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	[illegible].2	77.1	83.2	85.8	89.[illegible]	90.7	92.6	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	[illegible].2	77.7	83.9	86.6	9[illegible].3	92.3	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	[illegible].2	77.7	83.9	86.8	90.3	92.3	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 800	[illegible].2	78.4	84.5	87.7	91.3	93.2	95.2	95.2	95.2	95.3	95.5	95.5	95.8	96.[illegible]	96.[illegible]	96.[illegible]
≥ 700	[illegible].2	78.4	84.5	87.7	91.3	93.2	95.2	95.2	95.2	96.1	96.1	96.1	96.5	96.8	96.8	96.8
≥ 600	[illegible].7	78.4	84.8	88.[illegible]	91.6	93.6	95.5	95.5	95.5	96.5	96.5	96.[illegible]	96.8	97.[illegible]	97.1	97.1
≥ 500	[illegible].3	7[illegible].4	84.8	88.[illegible]	91.6	93.4	95.8	96.5	96.5	97.4	97.4	97.4	97.7	98.[illegible]	98.[illegible]	98.[illegible]
≥ 400	[illegible].7	7[illegible].4	[illegible].5	[illegible].7	92.6	94.8	96.8	97.4	97.4	98.4	98.4	98.4	98.7	99.[illegible]	99.[illegible]	99.[illegible]
≥ 300	[illegible].2	7[illegible].4	85.5	88.7	92.[illegible]	94.8	96.8	97.4	97.4	98.7	98.7	98.7	99.0	99.4	99.4	99.7
≥ 200	[illegible].3	7[illegible].4	85.5	[illegible].7	92.6	94.8	96.8	97.4	97.4	99.[illegible]	99.[illegible]	99.[illegible]	99.4	99.7	99.7	[illegible]
≥ 100	[illegible].3	7[illegible].4	85.5	[illegible].7	92.6	94.8	96.8	97.4	97.4	99.[illegible]	99.[illegible]	99.[illegible]	99.8	99.7	99.7	[illegible]
0	[illegible].3	7[illegible].4	85.5	[illegible].7	92.6	94.8	96.8	97.4	97.4	99.[illegible]	99.[illegible]	99.[illegible]	99.8	99.7	99.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.5	56.4	59.7	61.3	62.4	63.2	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 20000	69.7	82.8	86.3	89.7	91.9	92.3	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.0
≥ 18000	69.8	82.9	87.1	89.8	91.8	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 16000	69.8	82.9	87.1	89.8	91.8	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 14000	70.0	83.2	88.7	91.5	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 12000	70.1	83.3	89.2	92.3	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4
≥ 10000	71.0	86.5	91.9	94.2	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 9000	71.0	86.5	91.9	94.2	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 8000	71.6	87.1	93.2	96.0	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 7000	72.3	88.7	94.2	97.0	99.7	100.0	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.3	100.4
≥ 6000	77.4	94.4	98.9	101.7	104.3	104.6	104.9	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.0	105.1
≥ 5000	77.9	95.7	100.5	103.3	106.1	106.4	106.7	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.8	106.9
≥ 4500	78.0	95.8	100.6	103.4	106.2	106.5	106.8	106.9	106.9	106.9	106.9	106.9	106.9	106.9	106.9	107.0
≥ 4000	84.2	102.6	107.4	110.4	113.6	113.9	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.3
≥ 3500	84.2	102.6	107.4	110.4	113.6	113.9	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.2	114.3
≥ 3000	84.4	102.8	107.7	110.7	113.9	114.2	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.5	114.6
≥ 2500	84.4	102.8	107.7	110.8	114.0	114.3	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.6	114.7
≥ 2000	84.7	103.0	107.9	111.0	114.2	114.5	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.8	114.9
≥ 1800	84.9	103.2	108.1	111.2	114.4	114.7	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.0	115.1
≥ 1500	85.1	103.8	108.7	111.8	115.0	115.3	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.7
≥ 1200	85.1	103.8	108.7	111.8	115.0	115.3	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.6	115.7
≥ 1000	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 900	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 800	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 700	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 600	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 500	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 400	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 300	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 200	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 100	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1
≥ 0	85.5	104.2	109.1	112.2	115.4	115.7	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.0	116.1

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T): ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅝	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.3	5[illegible].4	61.6	65.3	64.8	65.1	65.6	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.2	66.3
≥ 20000	47.8	65.5	66.4	69.3	70.0	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 18000	48.1	63.9	67.1	69.8	71.4	72.1	72.5	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.1	73.2
≥ 16000	48.1	63.9	67.2	69.9	71.6	72.8	73.6	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.2	74.3
≥ 14000	48.2	63.4	68.8	71.6	72.4	72.8	73.6	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.2
≥ 12000	48.1	65.1	69.5	71.3	73.1	73.5	74.2	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.9	74.9
≥ 10000	48.4	67.2	71.9	73.6	74.8	75.2	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.5	76.6
≥ 9000	48.7	67.4	71.[illegible]	73.[illegible]	74.9	75.4	76.1	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.7	76.8
≥ 8000	[illegible].3	67.9	71.8	73.6	75.5	76.[illegible]	76.7	77.[illegible]	77.[illegible]	77.2	77.2	77.2	77.3	77.3	77.3	77.4
≥ 7000	[illegible].5	68.4	72.2	74.2	76.2	76.6	77.4	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.[illegible]	78.1
≥ 6000	[illegible].3	68.9	72.7	74.7	76.6	77.1	77.9	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.5	78.6
≥ 5000	51.[illegible]	[illegible].6	73.4	75.5	77.5	78.[illegible]	78.8	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.5	79.6
≥ 4500	[illegible].7	7[illegible].6	74.6	76.7	78.7	79.2	[illegible].0	80.4	80.4	8[illegible].6	80.8	80.8	80.8	80.6	80.7	80.8
≥ 4000	[illegible].1	71.2	75.1	77.3	79.3	79.8	[illegible].6	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 3500	[illegible].3	71.6	75.6	77.7	79.8	80.3	81.1	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.8	81.9
≥ 3000	[illegible].6	72.5	76.6	78.8	80.8	81.4	82.3	82.6	82.6	82.8	82.8	82.8	82.9	82.9	82.9	83.1
≥ 2500	53.[illegible]	73.4	78.[illegible]	[illegible].5	82.4	83.[illegible]	83.8	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.5	84.6
≥ 2000	54.[illegible]	75.3	80.3	82.7	85.1	85.6	86.7	87.[illegible]	87.[illegible]	87.2	87.3	87.[illegible]	87.3	87.3	87.4	87.5
≥ 1800	54.[illegible]	75.5	80.5	83.[illegible]	85.4	86.1	87.[illegible]	87.3	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.8
≥ 1500	54.5	76.[illegible]	82.[illegible]	85.1	88.1	89.0	90.2	90.6	90.6	91.[illegible]	91.[illegible]	91.[illegible]	91.1	91.1	91.2	91.[illegible]
≥ 1200	54.7	77.2	83.[illegible]	86.[illegible]	88.9	89.9	91.2	91.6	91.6	92.[illegible]	92.[illegible]	92.[illegible]	92.2	92.2	92.3	92.4
≥ 1000	54.[illegible]	77.9	84.[illegible]	86.9	89.3	91.4	92.7	93.3	93.3	93.6	93.8	93.8	93.9	93.9	94.[illegible]	94.[illegible]
≥ 900	54.[illegible]	77.9	84.9	86.9	89.4	91.5	92.9	93.5	93.5	93.9	93.9	93.9	94.[illegible]	94.[illegible]	94.1	94.2
≥ 800	55.[illegible]	78.1	84.[illegible]	87.3	90.7	91.9	93.3	93.8	93.9	94.4	94.4	94.4	94.5	94.5	94.6	94.7
≥ 700	55.1	78.3	84.6	87.6	91.2	92.3	94.0	94.5	94.5	95.1	95.2	95.2	95.3	95.3	95.4	95.5
≥ 600	55.[illegible]	78.3	84.7	87.6	91.3	92.5	94.2	94.7	94.8	95.4	95.4	95.4	95.5	95.5	95.6	95.7
≥ 500	55.8	78.5	85.[illegible]	88.[illegible]	91.9	93.1	95.2	95.7	95.8	96.4	96.5	96.5	96.[illegible]	96.7	96.8	96.9
≥ 400	55.[illegible]	78.5	85.2	88.4	92.3	93.7	95.9	96.5	96.5	97.2	97.3	97.3	97.4	97.5	97.6	97.7
≥ 300	55.8	78.6	85.4	89.5	92.6	94.0	96.3	96.9	96.9	97.8	97.9	97.9	98.1	98.[illegible]	98.3	98.4
≥ 200	55.[illegible]	78.6	85.4	89.[illegible]	92.6	94.1	96.3	97.3	97.1	98.1	98.2	98.2	98.4	98.5	98.7	98.9
≥ 100	55.2	78.6	85.4	89.6	92.7	94.2	96.4	97.1	97.[illegible]	98.2	98.4	98.4	98.7	98.8	99.1	99.3
0	55.3	78.6	85.4	89.[illegible]	92.7	94.2	96.4	97.1	97.1	98.2	98.4	98.4	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2479

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
1	POINT MUGU, CALIFORNIA	73-82	FEB

HOURS (L S T) 0

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	48.7	63.1	65.3	66.3	69.2	70.2	71.6	71.6	71.6	71.6	72.1	72.5	72.9	72.9	72.3	72.7
≥ 20000	48.7	63.5	65.6	66.7	69.2	70.9	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	73.1	73.5
≥ 18000	48.7	63.5	65.6	66.7	69.9	70.9	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	73.1	73.4
≥ 16000	48.7	63.5	65.6	66.7	69.9	70.9	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	73.1	73.4
≥ 14000	48.4	64.2	66.3	67.4	70.2	72.1	73.4	73.4	73.4	73.4	73.8	73.8	73.8	73.8	74.1	74.5
≥ 12000	48.7	65.3	67.4	68.4	72.1	73.1	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.5
≥ 10000	48.7	65.3	67.4	68.4	72.1	73.1	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.5
≥ 9000	48.7	65.3	67.4	68.4	72.1	73.1	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.5
≥ 8000	48.1	65.6	67.7	68.8	72.3	73.4	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.5	75.9
≥ 7000	48.1	65.6	67.4	68.5	73.1	74.1	75.5	75.5	75.5	75.5	75.9	75.9	75.9	75.9	76.2	76.6
≥ 6000	48.5	66.3	68.8	69.9	73.4	74.5	75.9	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.6	77.0
≥ 5000	48.3	67.0	69.5	70.6	74.1	75.2	76.6	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.3	77.7
≥ 4500	47.2	66.8	71.5	72.7	76.2	77.3	78.7	78.7	78.7	78.7	79.1	79.1	79.1	79.1	79.4	79.8
≥ 4000	47.2	66.8	71.6	72.7	76.2	77.3	78.7	78.7	78.7	78.7	79.1	79.1	79.1	79.1	79.4	79.8
≥ 3500	47.2	66.2	72.1	73.4	76.6	77.7	79.1	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.8	80.1
≥ 3000	47.2	66.2	72.3	73.4	77.2	78.0	79.4	79.4	79.4	79.4	79.8	79.8	79.8	79.8	80.1	80.5
≥ 2500	47.2	71.9	74.1	75.2	78.7	79.6	81.2	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.9	82.3
≥ 2000	47.6	72.3	75.5	77.3	81.9	81.9	83.7	83.7	83.7	83.7	84.2	84.2	84.2	84.2	84.6	84.9
≥ 1800	47.9	72.7	75.9	77.7	81.2	82.3	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.8	85.1
≥ 1500	47.7	74.1	77.3	79.1	82.6	83.7	85.5	85.5	85.5	85.5	85.8	85.8	85.8	85.8	86.1	86.5
≥ 1200	47.7	74.5	78.7	80.5	84.1	85.1	86.9	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.6	87.9
≥ 1000	48.7	75.2	79.4	81.6	85.1	86.2	87.9	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.7	89.0
≥ 900	48.7	75.2	79.4	81.9	85.5	86.5	88.3	88.3	88.3	88.3	88.7	88.7	88.7	88.7	89.0	89.4
≥ 800	48.7	75.9	80.1	82.6	86.2	87.2	89.7	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.4	90.8
≥ 700	48.7	75.9	80.9	83.7	87.2	88.3	90.8	90.8	90.8	91.2	91.6	91.6	91.6	91.6	91.9	92.3
≥ 600	48.7	76.2	81.2	84.6	87.9	89.0	91.5	91.5	91.5	91.8	91.8	91.8	91.8	91.8	92.2	92.6
≥ 500	48.7	77.0	81.9	84.8	88.7	90.1	92.9	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.6	94.0
≥ 400	48.7	77.0	82.3	85.4	89.4	90.8	93.6	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.3	94.7
≥ 300	48.7	77.0	82.3	85.1	90.1	91.5	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	95.0	95.4
≥ 200	48.7	77.4	82.6	85.5	90.8	92.2	95.0	95.0	95.0	96.1	96.5	96.5	96.5	96.5	96.8	97.2
≥ 100	48.7	77.4	82.6	85.5	90.8	92.2	95.0	95.0	95.0	96.1	96.5	96.5	96.8	96.5	97.9	98.3
0	48.7	77.4	82.6	85.5	90.8	92.2	95.0	95.0	95.0	96.1	96.5	96.5	96.8	96.8	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 283

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: FEB | HOURS (L S T): 04

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	57.5	[illegible]	61.4	64.5	64.9	66.7	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	[illegible]	[illegible]	62.4	63.1	66.3	67.[illegible]	68.8	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000	[illegible]	[illegible]	62.4	63.1	66.3	67.[illegible]	68.8	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	[illegible]	[illegible]	62.4	63.1	66.3	67.[illegible]	68.8	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	[illegible]	[illegible]	62.8	63.5	67.[illegible]	67.7	69.5	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 12000	[illegible]	[illegible]	63.1	63.8	67.4	68.1	69.9	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	[illegible]	[illegible]	63.5	64.2	67.7	68.4	70.2	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	[illegible]	[illegible]	63.5	64.2	67.7	68.4	70.2	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	[illegible]	[illegible]	63.8	64.5	68.4	69.2	70.9	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 7000	[illegible]	[illegible]	63.8	64.5	68.4	69.2	70.9	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 6000	[illegible]	[illegible]	64.2	64.9	68.8	69.5	71.3	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 5000	[illegible]	[illegible]	64.2	64.9	68.8	69.5	71.3	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	[illegible]	[illegible]	65.3	66.0	69.9	70.6	72.3	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	[illegible]	[illegible]	65.6	66.7	70.9	71.6	73.4	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 3500	[illegible]	[illegible]	66.3	67.4	71.6	72.3	74.1	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3000	[illegible]	[illegible]	67.7	68.8	73.1	73.8	75.5	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2500	[illegible]	[illegible]	69.5	70.9	75.2	75.9	77.7	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2000	[illegible]	[illegible]	73.8	75.2	79.4	80.5	82.3	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	[illegible]	[illegible]	73.8	75.2	79.4	80.5	82.3	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	[illegible]	[illegible]	75.2	77.3	81.9	83.0	84.8	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	[illegible]	[illegible]	75.5	77.7	82.6	84.[illegible]	85.8	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	[illegible]	[illegible]	77.[illegible]	77.[illegible]	85.1	86.5	88.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	[illegible]	[illegible]	77.0	77.4	85.1	86.5	88.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	[illegible]	71.3	78.0	80.3	86.5	87.9	90.4	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	[illegible]	71.6	78.4	[illegible]	86.9	88.3	90.9	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 600	[illegible]	72.[illegible]	78.7	81.2	87.2	88.7	91.1	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 500	[illegible]	72.3	79.1	81.6	87.6	89.4	92.2	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 400	[illegible]	72.3	79.1	81.9	87.9	89.7	92.6	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	[illegible]	72.3	79.1	81.9	87.9	89.7	92.6	93.3	93.3	93.6	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]
≥ 200	[illegible]	[illegible]	79.1	[illegible]	88.7	90.4	93.6	94.3	94.3	95.0	95.4	95.4	95.7	95.7	95.7	95.7
≥ 100	[illegible]	72.3	79.1	81.9	88.7	90.4	93.6	94.3	94.3	95.0	95.4	95.4	95.7	95.7	96.5	96.5
0	[illegible]	72.3	79.1	81.9	88.7	90.4	93.6	94.3	94.3	95.0	95.4	95.4	96.1	96.1	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	FEB

HOURS (L S T) 7

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	42.2	[illegible]	55.7	55.7	57.[illegible]	58.9	59.6	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	43.3	57.1	59.6	59.6	61.[illegible]	62.8	63.5	64.5	64.5	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 18000	43.3	57.5	59.9	59.9	61.4	63.1	63.8	64.9	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	43.3	57.5	59.9	59.9	61.4	63.1	63.8	64.9	64.9	65.6	65.6	65.6	65.6	65.6	65.5	66.[illegible]
≥ 14000	43.6	58.9	61.4	61.4	62.8	64.5	65.3	66.3	66.3	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.4
≥ 12000	43.6	58.9	61.4	61.4	62.8	64.5	65.3	66.3	66.3	67.0	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.4
≥ 10000	44.[illegible]	59.6	62.1	62.1	63.5	65.6	66.3	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.4
≥ 9000	44.[illegible]	59.6	62.1	62.1	63.5	65.6	66.3	67.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.4
≥ 8000	44.7	60.3	62.8	62.8	64.2	66.3	67.[illegible]	68.1	68.1	68.8	68.8	68.8	68.8	68.8	68.8	69.[illegible]
≥ 7000	45.1	60.6	63.1	63.1	64.5	66.7	67.4	68.4	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.5
≥ 6000	45.[illegible]	60.6	63.1	63.1	64.5	66.7	67.4	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.9
≥ 5000	45.[illegible]	60.6	63.1	63.[illegible]	64.5	66.7	67.4	68.8	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.9
≥ 4500	45.4	61.7	64.2	64.2	65.6	68.1	68.8	70.2	70.2	70.9	70.9	70.9	70.9	70.9	70.9	71.3
≥ 4000	45.7	62.0	65.3	65.3	66.7	69.2	70.2	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.7
≥ 3500	45.7	62.3	65.3	65.3	66.7	69.2	70.2	71.6	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.7
≥ 3000	46.1	63.5	66.7	66.7	68.4	71.6	72.7	74.1	74.1	74.8	74.8	74.8	74.8	74.8	74.8	75.2
≥ 2500	47.2	64.5	68.1	68.1	69.9	73.1	74.1	75.5	75.5	76.2	76.2	76.2	76.2	76.2	76.2	76.6
≥ 2000	47.5	67.[illegible]	70.9	70.9	73.4	76.6	77.7	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.9
≥ 1800	47.5	67.4	71.3	71.3	73.8	77.0	78.0	79.8	79.8	80.5	80.5	80.5	80.5	80.5	80.5	81.2
≥ 1500	48.6	69.5	74.1	74.1	76.6	79.8	81.[illegible]9	83.[illegible]	83.[illegible]	84.4	84.8	84.8	84.8	84.3	84.8	85.5
≥ 1200	48.3	71.[illegible]	75.9	75.9	78.4	81.6	83.0	85.1	85.1	86.5	86.9	86.9	86.9	86.9	86.9	87.6
≥ 1000	48.7	71.3	76.2	76.2	79.1	82.6	84.0	86.2	86.2	87.6	87.9	87.9	87.9	87.9	87.9	88.7
≥ 900	48.7	71.3	76.2	76.2	79.1	82.6	84.[illegible]	86.2	86.2	87.9	88.[illegible]	88.3	88.3	88.3	88.3	89.[illegible]
≥ 800	48.7	71.3	76.2	76.2	79.1	83.[illegible]	84.8	86.9	86.9	88.7	89.[illegible]	89.[illegible]	89.4	89.4	89.4	90.1
≥ 700	48.7	71.3	76.2	76.2	79.9	83.7	85.8	87.9	87.9	89.7	90.[illegible]	90.1	90.4	90.4	90.4	91.1
≥ 600	48.7	71.3	76.2	76.2	80.1	84.4	86.5	88.7	88.7	90.4	90.8	91.[illegible]8	91.1	91.1	91.1	92.2
≥ 500	48.7	71.3	76.2	76.2	80.5	85.5	87.9	90.1	90.1	92.2	92.6	92.6	92.9	92.9	92.9	94.[illegible]
≥ 400	48.7	71.3	76.6	76.6	80.9	85.8	88.3	90.4	90.4	93.3	93.6	93.6	94.0	94.0	94.3	95.4
≥ 300	48.7	72.3	76.6	76.6	80.9	85.8	88.3	90.4	90.4	93.6	94.[illegible]	94.[illegible]	94.3	94.3	94.7	96.1
≥ 200	48.7	71.3	76.6	76.6	80.9	85.8	88.7	90.8	90.8	94.0	94.7	94.7	95.4	95.4	95.7	97.5
≥ 100	48.7	71.3	76.6	76.6	80.9	85.8	88.7	90.8	90.8	94.0	94.7	94.7	95.4	95.4	96.1	98.6
≥ 0	48.7	71.3	76.6	76.6	81.0	85.8	88.7	90.8	90.8	94.0	94.7	94.7	95.4	95.4	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]92

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: FEB | HOURS (L S T): [illegible]

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	43.3	51.4	53.9	56.[illegible]	57.8	58.5	58.9	59.2	59.2	59.2	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	46.1	55.7	58.9	61.[illegible]	63.1	63.8	64.5	65.6	65.6	65.6	66.[illegible]	66.0	66.0	66.0	66.[illegible]	66.[illegible]
≥ 18000	46.1	55.7	58.9	61.[illegible]	63.1	63.8	64.5	65.6	65.6	65.6	66.[illegible]	66.[illegible]	66.0	66.0	66.0	66.[illegible]
≥ 16000	46.1	55.7	59.2	61.4	63.5	64.2	64.9	66.[illegible]	66.[illegible]	66.[illegible]	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	47.[illegible]	57.5	61.0	63.[illegible]	66.0	66.7	67.4	68.8	68.8	68.8	69.5	69.5	69.5	69.[illegible]	69.5	69.5
≥ 12000	47.5	58.5	62.1	64.[illegible]	67.3	67.7	68.4	69.9	69.9	69.9	70.6	70.6	70.6	7[illegible].6	7[illegible].6	7[illegible].6
≥ 10000	49.6	59.9	63.5	65.6	68.4	69.2	69.9	71.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	49.6	59.9	63.5	65.6	68.4	69.2	69.9	71.3	71.3	71.3	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	49.9	60.6	64.5	66.7	69.9	70.6	71.3	72.7	72.7	72.7	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	49.7	61.4	65.3	67.4	70.6	71.3	72.0	73.4	73.4	73.4	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	49.7	61.4	65.3	67.4	70.6	71.6	72.3	73.8	73.8	73.8	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	50.0	62.4	66.3	68.4	71.6	72.7	73.4	74.8	74.8	74.8	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	50.4	62.8	66.7	69.4	72.3	73.4	74.1	75.5	75.5	75.5	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	50.7	63.1	67.[illegible]	69.5	73.1	74.1	74.8	76.2	76.2	76.6	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	50.7	63.1	67.0	69.5	73.1	74.1	74.8	76.2	76.2	76.6	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	50.7	63.8	68.4	70.[illegible]	74.5	75.5	76.2	77.7	77.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	51.1	64.[illegible]	69.5	72.[illegible]	75.5	76.6	77.3	78.7	78.7	79.4	80.1	80.1	80.1	80.1	80.1	80.1
≥ 2000	51.[illegible]	66.3	71.[illegible]9	73.8	77.7	79.4	80.9	82.3	82.3	83.0	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	51.[illegible]	66.7	71.3	74.[illegible]	78.[illegible]	79.8	81.2	82.6	82.6	83.3	84.[illegible]	84.[illegible]	84.0	84.[illegible]	84.0	84.[illegible]
≥ 1500	53.2	68.4	73.4	76.2	80.5	82.6	84.4	85.8	85.8	86.5	87.2	87.2	87.2	87.[illegible]	87.2	87.2
≥ 1200	53.6	69.[illegible]	74.5	77.3	81.6	84.0	85.8	87.2	87.2	87.9	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	53.6	7[illegible].2	75.5	78.[illegible]	82.6	85.[illegible]	87.6	89.4	89.4	90.1	90.8	90.8	90.8	9[illegible].8	9[illegible].8	
≥ 900	53.6	7[illegible].6	75.9	78.7	83.[illegible]	85.6	87.9	89.7	89.7	90.4	91.[illegible]	91.1	91.1	91.[illegible]	91.1	91.1
≥ 800	53.6	7[illegible].9	76.2	79.1	83.3	86.9	89.[illegible]	90.8	90.[illegible]	91.5	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	53.[illegible]	71.3	76.6	79.4	83.7	87.2	89.4	91.1	91.1	92.2	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	53.[illegible]	71.6	77.7	8[illegible].5	85.5	89.[illegible]	91.5	93.3	93.3	94.3	95.[illegible]	95.3	95.3	95.[illegible]	95.[illegible]	95.[illegible]
≥ 500	53.9	71.6	78.[illegible]	8[illegible].y	85.8	89.4	92.2	94.[illegible]	94.[illegible]	9[illegible].1	96.8	96.8	96.8	96.[illegible]	96.[illegible]	96.8
≥ 400	53.9	71.6	78.[illegible]	81.[illegible]	86.2	89.7	92.6	94.7	94.7	96.8	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	53.9	71.6	78.[illegible]	81.[illegible]	86.2	89.7	92.6	94.7	95.[illegible]	97.9	98.[illegible]	98.6	98.6	98.[illegible]	98.6	98.6
≥ 200	53.9	71.6	78.4	81.[illegible]	86.5	90.1	92.9	95.[illegible]	95.4	98.2	98.9	98.9	99.3	99.3	99.3	99.3
≥ 100	53.9	71.6	78.4	81.[illegible]	86.5	90.1	92.9	95.0	95.4	98.2	98.9	98.9	99.3	99.3	99.3	99.7
≥ 0	53.9	71.6	78.4	81.6	86.5	90.1	92.9	95.0	95.4	98.2	98.9	98.9	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]82

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	FEB

HOURS (L S T) 13

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	43.6	53.9	57.5	59.9	63.1	63.5	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	46.8	58.9	62.4	64.9	68.8	69.2	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	47.2	59.6	63.1	65.6	69.5	69.9	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	47.5	59.9	63.5	66.0	69.9	70.2	71.6	71.6	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 14000	48.2	61.4	64.9	67.4	71.3	71.6	73.1	73.1	73.1	73.6	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000	48.2	61.7	65.6	68.1	72.0	72.3	73.8	73.8	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000	48.6	62.4	66.7	69.5	73.4	73.8	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	48.6	62.4	66.7	69.5	73.4	73.8	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 8000	48.9	63.1	67.4	70.6	74.5	74.8	76.2	76.2	76.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	50.4	64.9	69.2	72.3	76.2	76.6	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000	50.4	64.9	69.2	72.3	76.2	76.6	78.0	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	50.7	65.3	69.5	73.1	77.0	77.3	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	50.7	65.6	70.2	73.8	77.7	78.0	79.4	79.4	79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	51.1	66.0	70.6	74.1	78.4	78.7	80.1	80.1	80.1	80.9	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	51.1	66.0	70.6	74.1	78.4	78.7	80.1	80.1	80.1	80.9	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	52.1	68.8	73.4	77.3	81.6	81.9	83.3	83.3	83.3	84.1	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	52.5	69.5	74.1	78.4	83.0	83.3	84.8	84.8	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	53.6	71.3	76.6	80.9	85.8	86.2	87.6	87.6	87.6	88.3	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	53.6	71.3	77.0	81.2	86.2	86.5	87.9	87.9	87.9	88.7	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1500	53.6	71.6	78.4	83.0	87.9	88.7	90.1	90.1	90.1	90.8	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1200	53.6	72.0	79.1	83.7	88.4	90.1	91.5	91.5	91.5	92.2	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	53.9	72.7	79.8	84.4	90.1	91.1	92.6	92.6	92.6	93.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	53.9	72.7	79.8	84.4	90.4	91.5	93.6	93.6	93.6	94.3	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	53.9	73.1	80.5	85.1	91.1	92.2	94.7	94.7	94.7	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	53.9	73.4	80.9	85.5	91.5	92.6	95.0	95.0	95.0	95.7	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	53.9	73.4	80.9	85.5	91.5	92.9	95.4	95.4	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	53.9	73.8	81.6	86.2	92.9	94.3	96.8	96.8	96.8	97.5	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	53.9	73.8	81.6	86.2	92.9	94.3	96.8	96.8	96.8	97.5	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	53.9	73.8	81.6	86.5	93.3	94.7	97.2	97.2	97.2	98.2	99.3	99.3	99.3	99.7	99.7	99.7
≥ 200	53.9	73.8	81.6	86.5	93.3	94.7	97.5	97.5	97.5	98.6	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	53.9	73.8	81.6	86.5	93.3	94.7	97.5	97.5	97.5	98.6	99.7	99.7	99.7	100.0	100.0	100.0
0	53.9	73.8	81.6	86.5	93.3	94.7	97.5	97.5	97.5	98.6	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 282

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11	POINT MUGU, CALIFORNIA	73-82	FEB
STATION	STATION NAME	YEARS	MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.[illegible]	54.6	61.6	61.7	62.4	64.2	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	47.[illegible]	6[illegible].3	66.7	66.8	69.5	71.3	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000	48.2	6[illegible].6	67.0	69.2	69.9	71.6	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	48.6	61.0	67.4	69.5	70.2	72.0	72.7	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 14000	48.7	62.4	68.8	70.9	71.6	73.8	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	5[illegible].3	63.1	69.5	72.[illegible]	72.7	74.8	75.5	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	5[illegible].0	63.5	69.9	72.3	73.1	75.2	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 9000	5[illegible].0	63.5	69.9	72.3	73.1	75.2	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	51.1	64.9	71.3	73.8	74.8	77.0	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	51.5	65.6	72.3	74.8	75.9	78.0	78.7	78.7	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	52.1	66.3	73.1	75.5	76.6	78.7	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	52.5	67.4	74.1	76.6	77.7	79.8	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	52.2	67.7	74.8	77.7	78.7	80.9	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	52.9	67.7	74.8	77.7	78.7	80.9	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	52.6	68.4	75.5	78.4	79.4	81.6	82.6	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3000	53.2	68.8	75.9	78.7	80.1	82.3	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	53.6	7[illegible].2	76.[illegible]	81.2	82.6	84.8	85.8	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2000	53.	71.6	79.8	83.7	85.1	87.6	89.[illegible]	89.[illegible]	89.[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	53.[illegible]	71.6	79.8	83.7	85.1	87.6	89.[illegible]	89.[illegible]	89.[illegible]	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	54.0	73.[illegible]	81.6	86.5	86.9	90.4	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	54.6	73.[illegible]	81.6	86.5	86.9	90.4	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1000	54.6	73.[illegible]	81.9	86.8	87.6	91.1	92.6	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	54.6	73.1	81.9	86.8	87.6	91.1	92.6	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	55.[illegible]	73.4	82.6	86.5	88.3	91.8	93.3	93.3	93.3	94.[illegible]	94.0	94.0	94.0	94.0	94.0	94.[illegible]
≥ 700	55.[illegible]	73.4	83.0	86.9	88.7	92.2	93.6	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	55.0	73.4	83.3	87.2	89.0	92.6	94.3	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500	55.[illegible]	73.4	83.3	87.2	89.0	92.6	94.3	95.0	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	55.[illegible]	73.4	83.3	87.9	89.7	93.3	95.4	96.1	96.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 300	55.[illegible]	73.4	83.7	88.3	90.4	94.0	96.1	97.2	97.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	55.0	73.4	83.7	88.3	90.4	94.0	96.1	97.2	97.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	55.0	73.4	83.7	88.3	90.4	94.0	96.1	97.2	97.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	55.0	73.4	83.7	88.3	90.4	94.0	96.1	97.2	97.2	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.7	58.9	62.4	64.2	66.3	66.3	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.1	68.1	68.4
≥ 20000	48.2	62.8	66.3	68.1	70.9	70.9	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.7	72.7	73.1
≥ 18000	48.2	62.8	66.3	68.1	71.3	71.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	73.1	73.1	73.4
≥ 16000	48.2	62.8	66.3	68.1	71.3	71.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	73.1	73.1	73.4
≥ 14000	48.6	63.5	67.0	68.8	72.3	72.3	73.4	73.4	73.4	73.8	73.8	73.8	73.8	74.1	74.1	74.5
≥ 12000	48.9	64.5	68.1	69.9	73.4	73.4	74.5	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.2	75.5
≥ 10000	48.9	64.5	68.1	69.9	73.4	73.4	74.5	74.5	74.5	74.8	74.8	74.8	74.8	75.2	75.2	75.5
≥ 9000	49.3	64.9	68.4	70.2	73.8	73.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.5	75.5	75.9
≥ 8000	49.7	65.3	68.8	70.6	74.1	74.1	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.9	75.9	76.3
≥ 7000	50.0	65.6	69.2	70.9	74.5	74.5	75.5	75.5	75.5	75.9	75.9	75.9	75.9	76.2	76.2	76.6
≥ 6000	50.8	66.8	69.5	71.3	74.8	74.8	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.6	76.6	77.0
≥ 5000	51.5	66.7	70.2	72.0	75.5	75.5	76.6	76.6	76.6	77.0	77.0	77.0	77.0	77.3	77.3	77.7
≥ 4500	51.1	66.1	71.6	73.4	77.0	77.0	78.0	78.0	78.0	78.4	78.4	78.4	78.4	78.7	78.7	79.1
≥ 4000	51.1	66.4	72.3	74.1	77.7	77.7	78.7	78.7	78.7	79.1	79.1	79.1	79.1	79.4	79.4	79.8
≥ 3500	51.1	66.8	72.7	74.5	78.0	78.0	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.8	79.8	80.1
≥ 3000	51.1	70.2	74.1	75.9	79.4	79.4	80.5	80.5	80.5	80.9	80.9	80.9	80.9	81.2	81.2	81.6
≥ 2500	51.4	71.6	75.9	78.0	81.9	82.3	83.3	83.3	83.3	83.7	83.7	83.7	83.7	84.0	84.0	84.4
≥ 2000	52.1	72.7	77.3	79.4	83.3	83.7	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.8	85.8	86.2
≥ 1800	52.1	72.7	77.3	79.4	83.3	83.7	85.1	85.1	85.1	85.5	85.5	85.5	85.5	85.8	85.8	86.2
≥ 1500	52.5	74.1	79.1	81.6	86.2	86.9	88.3	88.3	88.3	88.7	88.7	88.7	88.7	89.0	89.0	89.4
≥ 1200	53.2	74.5	79.5	82.6	87.2	87.9	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.4	90.4	90.8
≥ 1000	53.2	75.9	81.6	84.4	89.0	90.4	92.6	92.6	92.6	92.9	92.9	92.9	92.9	93.3	93.3	93.6
≥ 900	53.2	76.2	81.9	84.8	89.4	90.8	92.9	92.9	92.9	93.3	93.3	93.3	93.3	93.6	93.6	94.0
≥ 800	53.2	76.2	82.3	85.1	90.1	91.5	93.6	93.6	93.6	94.0	94.0	94.0	94.0	94.3	94.3	94.7
≥ 700	53.6	76.2	82.3	85.1	90.1	91.5	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.7	94.7	95.0
≥ 600	54.3	76.6	82.6	86.2	91.1	92.6	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.7	95.7	96.1
≥ 500	54.3	76.6	83.0	86.5	91.8	93.3	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.5	96.5	96.8
≥ 400	54.3	76.6	83.0	86.5	91.8	93.3	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.8	96.8	97.2
≥ 300	54.3	76.6	83.0	86.5	92.6	94.1	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.6	98.6	98.9
≥ 200	54.3	76.6	83.0	86.5	92.9	94.3	98.6	98.6	98.6	98.9	98.9	98.9	98.9	99.3	99.3	99.7
≥ 100	54.3	76.6	83.0	86.5	92.9	94.3	98.6	98.6	98.6	98.9	98.9	98.9	98.9	99.3	99.7	100.0
≥ 0	54.3	76.6	83.0	86.5	92.9	94.3	98.6	98.6	98.6	98.9	98.9	98.9	98.9	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 28[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	FEB

HOURS (L S T)

02

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4[illegible].5	5[illegible].1	66.3	67.[illegible]	69.9	70.2	71.6	72.0	72.0	72.7	72.7	72.7	72.7	72.7	73.8	74.1
≥ 20000	5[illegible].0	64.2	68.4	69.2	72.0	72.3	73.8	74.1	74.1	74.8	74.8	74.8	74.8	74.8	75.9	76.2
≥ 18000	5[illegible].0	64.2	68.4	69.2	72.0	72.3	73.8	74.1	74.1	74.8	74.8	74.8	74.8	74.8	75.9	76.2
≥ 16000	5[illegible].0	64.2	68.4	69.2	72.0	72.3	73.8	74.1	74.1	74.8	74.8	74.8	74.8	74.8	75.9	76.2
≥ 14000	5[illegible].1	65.6	70.2	71.3	74.1	74.5	75.9	76.2	76.2	77.0	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	78.[illegible]	78.4
≥ 12000	5[illegible].1	66.3	71.9	72.[illegible]	74.8	75.2	76.6	77.0	77.[illegible]	77.7	77.7	77.7	77.7	77.7	78.7	79.1
≥ 10000	5[illegible].1	66.3	71.9	72.[illegible]	74.8	75.2	76.6	77.[illegible]	77.[illegible]	77.7	77.7	77.7	77.7	77.7	78.7	79.1
≥ 9000	5[illegible].1	66.3	71.9	72.[illegible]	74.8	75.2	76.6	77.[illegible]	77.[illegible]	77.7	77.7	77.7	77.7	77.7	78.7	79.1
≥ 8000	5[illegible].4	66.7	71.3	72.3	75.2	75.5	77.0	77.3	77.3	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	79.1	79.4
≥ 7000	5[illegible].4	67.[illegible]	72.0	73.1	75.9	76.2	77.7	78.0	78.[illegible]	78.7	78.7	78.7	78.7	78.7	79.8	80.1
≥ 6000	5[illegible].4	67.4	72.3	73.4	76.2	76.[illegible]	78.0	78.4	78.4	79.1	79.1	79.1	79.1	79.1	80.1	80.5
≥ 5000	5[illegible].4	67.4	72.3	73.4	76.2	76.6	78.0	78.4	78.[illegible]	79.1	79.1	79.1	79.1	79.1	80.1	80.5
≥ 4500	51.[illegible]	66.4	73.8	74.8	77.7	78.[illegible]	79.4	79.8	79.8	80.5	80.[illegible]	80.5	80.5	80.5	81.6	81.9
≥ 4000	51.[illegible]	66.4	73.8	74.8	77.7	78.[illegible]	79.4	79.8	79.8	80.5	80.5	80.5	80.5	80.5	81.6	81.9
≥ 3500	51.[illegible]	66.8	74.1	75.2	78.1	78.4	79.8	80.1	80.1	80.9	8[illegible].[illegible]	8[illegible].[illegible]	80.9	80.9	81.9	82.3
≥ 3000	52.1	67.[illegible]	75.[illegible]	76.4	79.1	79.4	80.9	81.2	81.2	81.9	81.[illegible]	81.[illegible]	81.9	81.9	83.[illegible]	83.3
≥ 2500	52.1	7[illegible].2	75.[illegible]	77.[illegible]	79.8	80.1	81.6	81.9	81.9	82.6	82.6	82.6	82.6	82.6	83.7	84.0
≥ 2000	52.5	7[illegible].3	78.[illegible]	79.4	82.6	83.[illegible]	84.8	85.1	85.1	85.8	85.8	85.8	85.8	85.8	86.9	87.2
≥ 1800	52.5	7[illegible].3	78.[illegible]	79.4	82.6	83.[illegible]	84.8	85.1	85.1	85.6	85.9	85.8	85.8	85.8	86.9	87.2
≥ 1500	52.[illegible]	73.1	78.7	80.5	83.7	84.0	86.2	86.5	86.5	87.2	87.2	87.2	87.2	87.2	88.3	88.7
≥ 1200	53.2	73.4	79.1	80.9	84.0	84.8	86.5	86.9	86.9	87.6	87.6	87.6	87.6	87.6	89.7	89.[illegible]
≥ 1000	53.6	74.5	81.9	83.3	86.9	87.2	89.4	89.7	89.7	90.4	90.4	90.4	90.4	90.4	91.5	91.8
≥ 900	53.6	74.5	81.9	83.3	86.9	87.2	89.4	89.7	89.7	90.4	90.4	90.4	90.4	90.4	91.5	91.8
≥ 800	53.6	75.3	81.9	84.8	88.3	89.[illegible]	91.1	91.5	91.5	92.2	92.2	92.2	92.2	92.2	93.3	93.6
≥ 700	54.3	76.2	82.6	85.5	89.0	89.7	92.2	92.6	92.6	93.3	93.3	93.3	93.3	93.3	94.3	94.7
≥ 600	54.3	7[illegible].6	83.0	85.8	89.4	90.1	92.6	92.9	92.9	93.6	93.[illegible]	93.6	93.6	93.6	94.7	95.[illegible]
≥ 500	54.3	77.[illegible]	83.3	86.[illegible]	89.7	90.4	93.3	93.6	93.6	94.3	94.3	94.3	94.3	94.3	95.4	95.7
≥ 400	54.3	77.[illegible]	83.7	86.5	90.1	91.1	94.[illegible]	94.3	94.3	95.0	95.[illegible]	95.0	95.0	95.0	96.1	96.5
≥ 300	54.3	77.3	84.[illegible]	86.9	91.1	92.2	95.7	96.1	96.1	96.8	96.8	96.8	96.8	96.8	97.9	98.[illegible]
≥ 200	54.3	77.3	84.0	86.9	91.1	92.2	95.7	96.1	96.1	96.8	96.8	96.8	96.8	97.2	97.[illegible]	98.[illegible]
≥ 100	54.3	77.3	84.0	86.9	91.1	92.2	95.7	96.1	96.1	96.8	96.8	96.8	97.2	97.2	98.2	98.9
≥ 0	54.3	77.3	84.0	86.9	91.1	92.2	95.7	96.1	96.1	96.8	96.8	96.8	97.2	97.2	98.6	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]82

DIRNAVOCEANMET SM[illegible]S

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-80 (YEARS) FEB (MONTH)

ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	54.1	56.6	60.7	61.3	63.3	64.6	65.6	65.9	65.9	66.3	66.4	66.4	66.4	66.4	66.5	66.7
≥ 20000	49.1	51.2	63.8	65.2	67.7	68.5	69.7	70.1	70.1	70.4	70.5	70.5	70.5	70.6	70.7	71.2
≥ 18000	49.1	51.4	64.7	65.3	67.9	68.8	69.9	70.3	70.3	70.7	70.7	70.7	70.7	70.8	71.0	71.4
≥ 16000	48.2	50.5	64.1	65.5	68.0	68.9	70.0	70.4	70.4	70.8	70.9	70.9	70.9	71.0	71.1	71.5
≥ 14000	46.1	61.0	65.3	66.7	69.5	70.4	71.5	72.0	72.1	72.4	72.5	72.5	72.5	72.6	72.7	72.9
≥ 12000	47.1	62.3	66.0	67.5	70.3	71.1	72.3	72.7	72.7	73.1	73.3	73.3	73.3	73.4	73.5	73.7
≥ 10000	47.3	62.7	66.5	68.0	70.8	71.7	72.9	73.3	73.3	73.7	73.9	73.9	73.9	73.9	74.1	74.3
≥ 9000	47.3	62.8	66.5	68.0	70.8	71.6	72.9	73.4	73.4	73.8	73.9	73.9	73.9	74.0	74.1	74.3
≥ 8000	47.8	63.4	67.2	68.3	71.7	72.6	73.8	74.2	74.2	74.6	74.7	74.7	74.7	74.8	75.0	75.3
≥ 7000	47.9	64.0	67.9	69.5	72.4	73.3	74.5	74.9	74.9	75.3	75.4	75.4	75.4	75.5	75.7	75.8
≥ 6000	48.4	64.2	68.2	69.7	72.7	73.6	74.8	75.3	75.3	75.7	75.8	75.8	75.8	75.8	76.0	76.2
≥ 5000	48.6	64.7	68.7	70.3	73.2	74.2	75.4	75.8	75.8	76.2	76.4	76.4	76.4	76.4	76.5	76.8
≥ 4500	48.9	65.7	69.8	71.5	74.4	75.4	76.6	77.1	77.1	77.5	77.6	77.6	77.6	77.7	77.9	78.2
≥ 4000	49.1	65.9	70.1	71.7	74.9	75.9	77.2	77.7	77.7	78.1	78.2	78.3	78.3	78.5	78.5	78.7
≥ 3500	49.1	66.2	70.4	72.2	75.2	76.2	77.5	78.0	78.1	78.4	78.6	78.6	78.6	78.8	78.9	79.1
≥ 3000	49.3	67.2	71.7	73.6	76.6	77.8	79.0	79.5	79.5	79.9	80.1	80.1	80.1	80.3	80.3	80.5
≥ 2500	49.8	68.4	73.1	75.1	78.3	79.5	80.7	81.2	81.2	81.7	81.9	81.9	81.9	81.9	82.1	82.3
≥ 2000	50.5	70.3	75.4	77.6	81.1	82.4	83.9	84.4	84.4	84.9	85.1	85.1	85.1	85.1	85.3	85.5
≥ 1800	50.6	70.4	75.5	77.8	81.2	82.5	84.1	84.6	84.6	85.1	85.2	85.2	85.2	85.3	85.5	85.7
≥ 1500	51.3	71.7	77.2	79.7	83.3	84.9	86.5	87.1	87.1	87.6	87.9	87.9	87.9	88.1	88.3	88.5
≥ 1200	51.6	72.2	78.0	80.5	84.3	86.0	87.6	88.2	88.2	88.8	89.1	89.1	89.1	89.2	89.4	89.5
≥ 1000	51.8	72.9	79.1	81.7	85.7	87.4	89.4	90.0	90.0	90.7	90.9	90.9	90.9	91.1	91.3	91.5
≥ 900	51.9	73.1	79.1	81.8	85.9	87.8	89.7	91.3	90.3	91.0	91.2	91.2	91.2	91.2	91.4	91.6
≥ 800	51.9	73.3	79.7	82.5	86.6	88.7	91.8	91.5	91.5	92.1	92.3	92.3	92.4	92.4	92.6	92.8
≥ 700	52.0	73.7	80.1	82.9	87.1	89.2	91.5	92.1	92.1	92.8	93.0	93.0	93.0	93.1	93.3	93.5
≥ 600	52.0	73.9	81.5	83.3	87.7	89.9	92.2	92.9	92.9	93.6	93.8	93.8	93.9	93.9	94.1	94.4
≥ 500	52.0	74.1	81.8	83.7	88.3	90.6	93.2	93.9	93.9	94.8	95.0	95.0	95.1	95.1	95.3	95.6
≥ 400	52.0	74.1	81.9	84.0	88.6	91.0	93.7	94.4	94.4	95.5	95.7	95.7	95.8	95.8	96.1	96.3
≥ 300	52.0	74.2	81.9	84.1	89.1	91.5	94.3	95.1	95.2	96.5	96.7	96.9	96.9	97.0	97.3	97.6
≥ 200	52.0	74.2	81.1	84.2	89.3	91.7	94.5	95.7	95.7	97.1	97.6	97.6	97.8	97.9	98.1	98.5
≥ 100	52.0	74.2	81.1	84.2	89.3	91.7	94.9	95.7	95.7	97.1	97.6	97.6	97.9	98.0	98.5	99.0
0	52.0	74.2	81.1	84.2	89.3	91.7	94.9	95.7	95.7	97.1	97.5	97.6	97.9	98.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7255

DIRNAVOCEANMET SMOS

H-4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: MAY | HOURS (L S T): 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	67.1	67.4	67.4	67.4	67.7	67.7	[illegible]	[illegible]	[illegible]	67.7	67.7	67.7	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFO... | ...-67 | MAR

STATION NAME | YEARS | MONTH

HOURS (L S T / L)

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	41.9	62.6	63.9	64.5	64.8	64.8	65.0	65.0	65.3	65.8	65.1	65.0	65.8	66.0	66.1	66.1
≥ 20000	41.6	64.2	65.5	66.2	67.4	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7
≥ 18000	41.6	64.2	65.5	66.2	67.4	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7
≥ 16000	41.6	64.2	65.5	66.2	67.4	67.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.7
≥ 14000	41.6	64.2	65.5	66.2	68.1	68.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4
≥ 12000	41.6	64.2	66.1	67.1	68.4	68.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7
≥ 10000	41.6	65.5	67.4	68.4	69.7	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0
≥ 9000	41.6	65.5	67.4	68.4	69.7	69.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.3
≥ 8000	41.6	66.1	68.1	69.1	70.3	70.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.6	71.9
≥ 7000	41.6	66.5	68.4	69.4	70.7	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9	72.2
≥ 6000	41.9	67.1	69.0	70.3	71.6	71.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.9	73.2
≥ 5000	43.2	68.4	71.3	72.6	73.9	73.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.2
≥ 4500	43.5	68.7	71.6	72.9	74.2	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.8
≥ 4000	43.5	68.7	71.6	72.9	74.2	75.5	75.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8
≥ 3500	43.8	68.7	71.6	73.2	74.5	75.8	77.1	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4
≥ 3000	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 2500	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 2000	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 1800	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 1500	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 1200	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 1000	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 900	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 800	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 700	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 600	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 500	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 400	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 300	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 200	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
≥ 100	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4
0	43.8	68.7	71.6	73.2	74.5	75.8	77.1	78.1	79.1	79.1	79.1	79.1	79.1	79.1	79.4	79.4

TOTAL NUMBER OF OBSERVATIONS ____ 1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

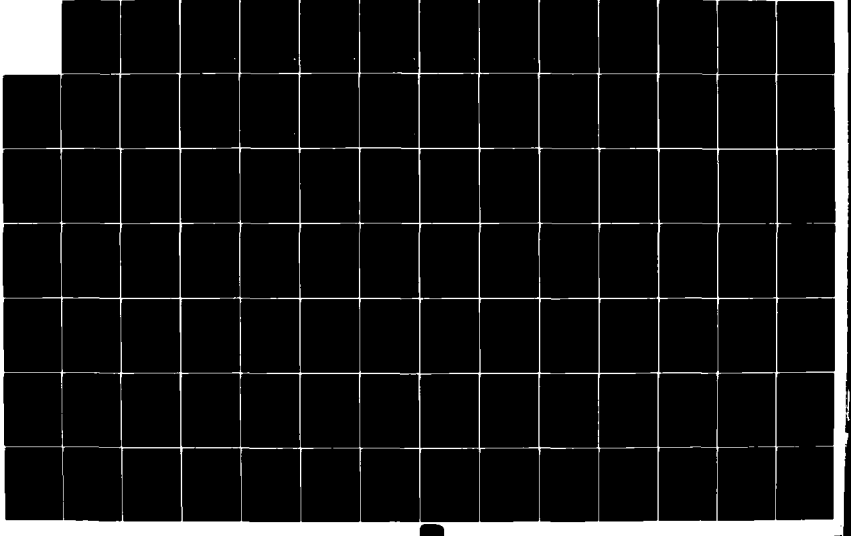
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥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

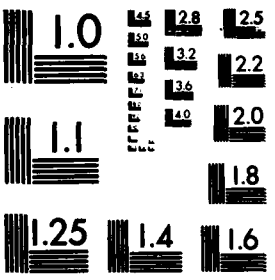
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD-A150 303 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) POINT MUGU CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC OCT 83 3/4

UNCLASSIFIED F/G 4/2 NL





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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

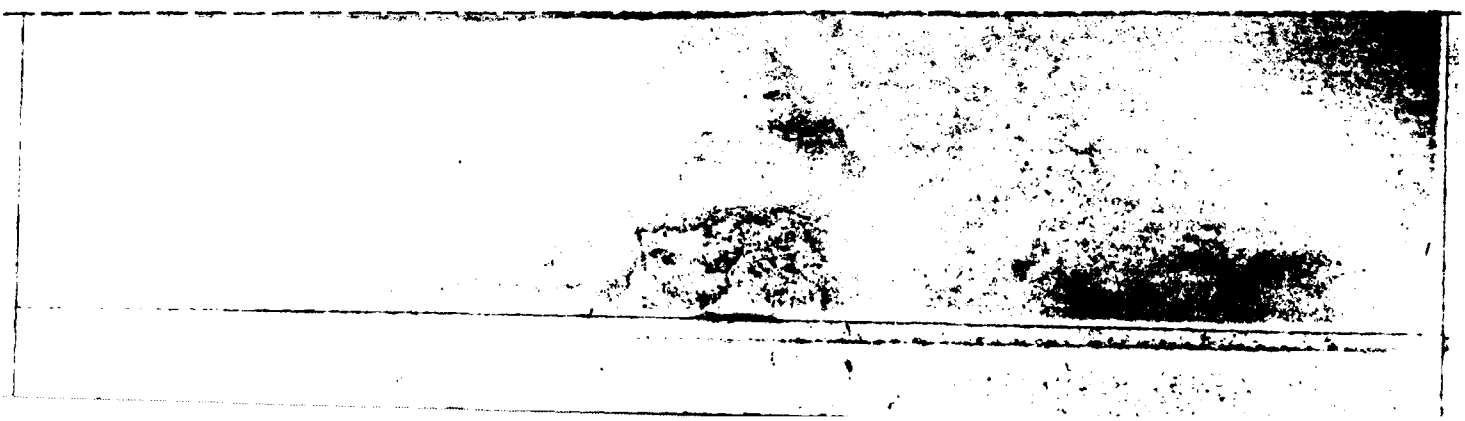
[redacted] STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-82 YEARS | MAR MONTH | 1[redacted] HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.9	54.5	6[illegible]	61.3	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	45.2	57.7	63.9	65.2	67.1	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 18000	45.2	58.1	64.2	65.5	67.4	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 16000	45.2	58.1	64.2	65.5	67.4	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	45.5	58.7	64.8	66.1	68.1	68.4	69.0	69.0	69.0	69.0	69.[illegible]	69.0	69.0	69.[illegible]	69.0	69.0
≥ 12000	45.5	59.[illegible]	65.5	66.8	68.7	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	46.1	6[illegible].3	66.8	68.4	70.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	46.1	6[illegible].3	66.8	68.4	70.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 8000	46.9	61.3	67.7	69.4	71.3	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	47.4	62.3	68.7	70.3	72.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	47.7	62.6	69.[illegible]	70.7	72.9	73.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	48.4	63.2	69.7	71.6	73.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	48.4	63.9	70.[illegible]7	72.6	74.8	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000	49.4	64.8	71.9	73.9	76.1	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3500	50.3	66.8	73.9	76.1	78.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	51.6	66.4	73.8	76.4	80.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	51.6	69.7	77.8	79.7	81.9	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	52.3	73.2	81.9	85.2	87.4	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	52.6	73.9	82.6	85.8	88.1	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	52.9	75.5	84.5	88.4	91.0	91.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	52.9	75.8	85.2	89.4	91.9	92.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	53.2	76.5	86.1	90.3	93.6	94.8	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	53.6	76.8	86.5	90.7	93.9	95.2	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	53.6	76.8	86.5	91.0	94.2	95.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	53.6	76.8	86.5	91.0	94.2	95.8	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	53.6	76.8	86.5	91.0	94.2	95.8	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	53.6	76.8	86.5	91.0	94.2	95.8	97.4	97.7	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	53.6	76.8	86.5	91.0	94.2	95.8	97.4	98.1	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	53.6	76.8	86.5	91.0	94.2	95.8	97.7	98.4	98.7	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	53.6	76.8	86.5	91.0	94.2	95.8	97.7	98.4	98.7	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	53.6	76.8	86.5	91.0	94.2	95.8	97.7	98.4	98.7	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	53.6	76.8	86.5	91.0	94.2	95.8	97.7	98.4	98.7	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible] 11	POINT MUGU, CALIFORNIA	73-82	MAR

HOURS (LST) 13

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.5	63.3	63.6	65.2	65.2	65.5	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000	49.4	64.2	68.1	69.7	69.7	70.3	70.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	49.4	64.2	68.1	69.7	69.7	70.3	70.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000	49.4	64.2	68.1	69.7	69.7	70.3	70.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	49.7	64.8	69.0	70.7	70.7	71.3	71.6	71.9	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000	49.7	65.5	69.7	71.3	71.3	71.9	72.3	72.6	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	50.3	66.5	70.7	72.3	72.3	72.9	73.2	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9
≥ 9000	50.3	66.5	70.7	72.3	72.3	72.9	73.2	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9
≥ 8000	50.7	67.1	71.6	73.2	73.2	73.9	74.2	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8
≥ 7000	51.3	68.1	72.6	74.2	74.2	74.8	75.2	75.5	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	51.3	68.7	73.2	74.8	74.8	75.5	75.8	76.1	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	51.9	69.7	74.2	75.8	75.8	76.5	76.8	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	53.9	72.3	76.8	78.4	78.7	79.4	79.7	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	54.9	74.2	78.7	80.3	80.7	81.3	81.6	81.9	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	55.2	74.8	80.0	81.9	82.3	82.9	83.2	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	56.2	77.1	82.3	84.5	84.8	85.5	85.8	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	57.4	77.7	82.9	85.5	85.8	86.5	86.8	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	58.0	79.7	85.2	87.7	88.1	88.7	89.4	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	59.4	81.0	85.5	88.1	88.4	89.0	89.7	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1500	60.0	82.9	89.0	92.3	92.9	94.2	94.8	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	60.0	83.9	90.3	93.6	94.2	95.5	96.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	60.0	83.9	90.3	93.6	94.5	96.1	97.1	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	60.0	83.9	90.7	93.9	94.8	96.5	97.4	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	60.0	83.9	90.7	93.9	94.8	96.5	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	60.0	83.9	90.7	93.9	94.8	96.5	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	60.0	83.9	90.7	93.9	94.8	96.5	97.7	98.4	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	60.0	83.9	90.7	93.9	94.8	96.5	98.1	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	60.0	83.9	90.7	93.9	95.2	96.8	98.4	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	60.0	83.9	90.7	93.9	95.2	96.8	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.0	83.9	90.7	93.9	95.2	96.8	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.0	83.9	90.7	93.9	95.2	96.8	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	60.0	83.9	90.7	93.9	95.2	96.8	98.4	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | POINT MUGU, CALIFORNIA | 73-82 | MAR

STATION | STATION NAME | YEARS | MONTH

16

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.8	64.1	67.[illegible]	67.3	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.[illegible]
≥ 20000	52.4	69.9	72.8	73.1	73.8	74.4	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	52.4	70.2	73.1	73.5	74.1	74.8	75.1	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	52.8	70.6	73.5	73.8	74.4	75.1	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	52.8	70.6	73.8	74.1	74.8	75.4	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000	53.4	71.2	74.8	75.1	75.7	76.4	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.[illegible]
≥ 10000	53.7	71.8	75.4	75.7	76.4	77.0	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	53.7	72.2	75.7	76.1	76.7	77.4	77.7	77.7	77.7	78.0	78.0	78.[illegible]	78.0	78.0	78.0	78.0
≥ 8000	54.1	73.1	76.7	77.0	77.7	78.3	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.[illegible]	79.0	79.0
≥ 7000	54.1	73.5	77.0	77.4	78.0	78.6	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	54.1	73.8	77.4	77.7	78.3	79.0	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	54.7	75.1	78.6	79.0	79.6	80.3	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4500	56.0	76.4	80.3	80.9	81.6	82.2	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4000	57.3	78.0	81.9	82.5	83.2	83.8	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	57.3	78.0	81.9	82.5	83.2	83.8	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	57.9	80.3	84.5	85.1	85.8	86.4	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	58.6	81.9	86.4	87.4	88.0	88.7	89.0	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	59.9	83.8	89.3	90.3	90.9	91.9	92.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	59.9	83.8	89.3	90.3	90.9	91.9	92.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500	60.2	85.1	91.3	92.6	93.2	94.2	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	60.2	85.1	91.3	92.6	93.2	94.2	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	60.2	85.1	92.2	93.5	94.5	95.8	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	60.2	85.1	92.2	93.5	94.5	95.8	96.1	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	60.5	85.4	92.9	94.2	95.2	96.4	96.8	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	60.5	85.4	93.2	94.5	95.5	96.8	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	60.5	85.4	93.2	94.5	95.5	97.1	97.7	98.4	98.4	98.7	99.[illegible]	99.[illegible]	99.0	99.0	99.0	99.[illegible]
≥ 500	60.5	85.8	93.5	94.8	95.8	97.4	98.1	98.7	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	60.5	86.1	93.9	95.2	96.1	97.7	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	60.5	86.1	93.9	95.2	96.1	97.7	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	60.5	86.1	93.9	95.2	96.1	97.7	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	60.5	86.1	93.9	95.2	96.1	97.7	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	60.5	86.1	93.9	95.2	96.1	97.7	98.7	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) MAR (MONTH)

19 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.9	66.6	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 20000	49.5	70.2	73.1	73.5	73.8	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	49.8	70.6	73.5	73.8	74.1	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	49.8	70.6	73.5	73.8	74.1	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	49.8	70.6	73.5	73.8	74.1	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	49.8	70.6	73.8	74.1	74.4	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	51.1	72.2	75.4	75.7	76.1	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 9000	51.5	72.8	76.1	76.4	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	51.8	73.5	77.4	77.7	78.0	78.0	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	51.8	73.8	77.7	78.0	78.3	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	52.1	74.1	78.0	78.3	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	52.8	74.8	78.6	79.0	79.3	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4900	54.4	77.0	80.9	81.2	81.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4000	55.3	78.6	82.5	82.9	83.2	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	56.0	80.6	84.5	84.8	85.1	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3000	56.6	82.5	87.1	87.4	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	57.3	83.5	88.4	88.7	89.1	89.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	57.6	84.8	91.0	90.3	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	57.6	84.8	90.0	91.3	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	57.6	85.8	91.9	92.6	93.2	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	57.6	86.4	93.2	93.9	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	57.6	87.1	94.2	94.8	95.8	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	57.6	87.1	94.2	94.8	95.8	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	57.6	87.1	94.2	94.8	95.8	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	57.9	87.7	94.8	95.5	96.4	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	57.9	87.7	95.2	96.1	97.1	97.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	57.9	88.0	95.5	96.4	97.4	97.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	57.9	88.3	95.5	96.4	97.4	97.7	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	57.9	88.0	95.8	96.8	97.7	98.1	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	57.9	88.0	95.8	96.8	97.7	98.1	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100	57.9	88.0	95.8	96.8	97.7	98.1	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	57.9	88.0	95.8	96.8	97.7	98.1	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 379

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.7	68.4	71.3	71.[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	50.0	70.0	72.3	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	50.0	70.0	72.3	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	50.0	70.0	72.3	72.9	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	50.0	70.0	72.6	73.2	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	50.0	70.3	72.9	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	50.3	71.0	73.6	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	50.3	71.0	73.6	74.2	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	51.3	71.9	74.8	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	51.3	71.9	74.8	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	51.3	72.3	75.2	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	51.3	72.6	75.5	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	52.3	74.8	77.7	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	52.6	75.5	78.4	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	52.6	76.8	79.7	80.3	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	55.2	81.0	84.2	84.8	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	55.2	82.3	85.5	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	55.6	84.5	89.4	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1800	55.8	84.5	89.4	90.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1500	56.1	86.1	91.3	91.9	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	56.8	87.4	92.6	93.2	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	56.8	87.7	92.9	93.6	93.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	56.8	88.1	93.2	93.9	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	57.4	89.0	94.2	94.8	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	57.4	89.0	94.8	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	57.4	89.7	95.8	96.5	97.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	57.4	89.7	95.9	96.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	57.4	89.7	95.8	96.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	57.4	89.7	95.8	96.8	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	57.4	90.0	96.1	97.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	57.4	90.0	96.1	97.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	57.4	90.0	96.1	97.1	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: MAR | HOURS (LST): ALL

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	65.8	6[illegible].3	68.9	65.7	66.1	66.2	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8
≥ 20000	66.8	65.[illegible]	68.[illegible]	68.8	69.5	69.8	70.3	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.6
≥ 18000	66.8	65.1	68.1	68.9	69.6	69.9	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.7	70.7
≥ 16000	66.9	65.2	68.1	68.9	69.6	70.0	70.5	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.8
≥ 14000	67.0	65.5	68.6	69.4	70.2	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.4
≥ 12000	67.1	65.8	69.1	69.9	70.7	71.1	71.6	71.6	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9
≥ 10000	67.6	66.9	70.2	71.1	71.9	72.3	72.8	72.8	72.8	72.9	73.0	73.0	73.0	73.[illegible]	73.[illegible]	73.1
≥ 9000	67.6	67.[illegible]	70.3	71.2	72.0	72.4	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.2
≥ 8000	68.0	67.8	71.3	72.2	73.0	73.4	73.8	73.9	73.9	74.[illegible]	74.[illegible]	74.0	74.0	74.0	74.1	74.1
≥ 7000	68.3	68.2	71.8	72.7	73.5	73.9	74.4	74.4	74.4	74.5	74.6	74.6	74.6	74.6	74.7	74.7
≥ 6000	69.4	68.7	72.2	73.1	74.0	74.4	74.8	74.9	74.9	75.[illegible]	75.0	75.0	75.0	75.0	75.1	75.1
≥ 5000	69.8	69.6	73.1	74.1	74.9	75.3	75.8	75.8	75.8	76.0	76.0	76.0	76.[illegible]	76.[illegible]	76.1	76.1
≥ 4500	69.8	71.3	74.9	76.[illegible]	76.8	77.2	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.[illegible]
≥ 4000	70.5	72.3	76.[illegible]	77.[illegible]	78.[illegible]	78.4	78.8	78.9	78.9	79.0	79.[illegible]	79.0	79.0	79.0	79.1	79.1
≥ 3500	51.0	73.6	77.4	78.6	79.5	79.9	80.4	80.4	80.4	80.5	80.[illegible]	80.6	80.6	80.6	80.6	80.7
≥ 3000	52.1	75.7	79.7	81.0	81.8	82.2	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.[illegible]	83.[illegible]
≥ 2500	52.5	77.[illegible]	81.2	82.5	83.4	83.9	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.7	84.7
≥ 2000	53.3	78.[illegible]5	84.3	86.[illegible]	87.1	87.7	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6
≥ 1800	53.4	79.7	84.6	86.9	87.4	88.1	88.6	88.7	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.0
≥ 1500	53.8	81.3	86.8	89.[illegible]	90.3	91.1	91.8	92.[illegible]	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.3
≥ 1200	53.9	81.8	87.6	89.8	91.2	92.1	92.8	92.9	93.[illegible]	93.1	93.2	93.2	93.2	93.2	93.3	93.3
≥ 1000	53.9	82.4	88.5	90.9	92.6	93.7	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2
≥ 900	54.0	82.5	88.6	91.0	92.7	93.9	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.3	95.4
≥ 800	54.1	82.8	89.1	91.6	93.4	94.6	95.6	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3
≥ 700	54.2	82.9	89.4	92.[illegible]	93.8	95.0	96.1	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.9	96.9
≥ 600	54.3	83.1	89.7	92.3	94.2	95.5	96.7	97.[illegible]	97.1	97.3	97.5	97.5	97.5	97.5	97.6	97.7
≥ 500	54.2	83.2	89.9	92.6	94.6	95.8	97.1	97.5	97.5	97.9	98.[illegible]	98.[illegible]	98.1	98.1	98.1	98.2
≥ 400	54.2	83.2	90.1	92.8	94.8	96.1	97.5	97.9	98.0	98.4	98.6	98.6	98.7	98.7	98.8	98.8
≥ 300	54.2	83.3	90.2	92.9	94.9	96.2	97.7	98.2	98.3	98.7	98.9	98.9	99.1	99.1	99.2	99.2
≥ 200	54.2	83.3	90.2	92.9	95.[illegible]	96.3	97.9	98.4	98.5	98.9	99.1	99.1	99.3	99.3	99.5	99.6
≥ 100	54.2	83.3	90.2	92.9	95.0	96.4	98.0	98.5	98.6	99.[illegible]	99.1	99.1	99.4	99.4	99.6	99.6
0	54.2	83.3	90.2	92.9	95.0	96.4	98.0	98.5	98.6	99.[illegible]	99.2	99.2	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2478

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	APR

HOURS (L S T) [illegible]

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	34.3	65.7	68.3	7[illegible]	71.[illegible]	71.[illegible]	71.7	71.7	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.7
≥ 20000	34.3	64.3	69.[illegible]	7[illegible].7	71.7	71.7	72.3	72.3	72.3	73.[illegible]	73.[illegible]	73.0	73.0	73.0	73.0	73.3
≥ 18000	34.7	64.7	69.3	71.[illegible]	72.0	72.0	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.7
≥ 16000	34.7	64.7	69.3	71.0	72.0	72.0	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.7
≥ 14000	35.[illegible]	65.0	69.7	71.3	72.3	72.3	73.0	73.0	73.0	73.7	73.7	73.7	73.7	73.7	73.7	74.[illegible]
≥ 12000	35.[illegible]	65.3	70.0	71.7	72.7	72.7	73.3	73.3	73.3	74.0	74.0	74.0	74.0	74.[illegible]	74.[illegible]	74.3
≥ 10000	35.[illegible]	65.7	70.3	72.[illegible]	73.0	73.0	73.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.7
≥ 9000	35.0	65.7	70.3	72.[illegible]	73.0	73.0	73.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.7
≥ 8000	35.0	65.7	70.3	72.0	73.0	73.[illegible]	73.7	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.7
≥ 7000	35.[illegible]	65.7	70.7	72.3	73.3	73.3	74.0	74.0	74.[illegible]	74.7	74.7	74.7	74.7	74.7	74.7	75.[illegible]
≥ 6000	35.3	66.[illegible]	71.[illegible]	72.7	73.7	73.7	74.3	74.3	74.3	75.0	75.0	75.0	75.0	75.[illegible]	75.[illegible]	75.3
≥ 5000	35.3	66.7	71.7	73.3	74.3	74.3	75.[illegible]	75.[illegible]	75.0	75.7	75.7	75.7	75.7	75.7	75.7	76.[illegible]
≥ 4500	35.7	67.3	72.3	74.[illegible]	75.0	75.0	75.7	75.7	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.7
≥ 4000	35.7	68.0	73.0	74.7	75.7	75.7	76.3	76.3	76.3	77.[illegible]	77.[illegible]	77.0	77.0	77.[illegible]	77.0	77.3
≥ 3500	35.7	68.0	73.0	74.7	75.7	75.7	76.3	76.3	76.3	77.[illegible]	77.[illegible]	77.[illegible]	77.0	77.[illegible]	77.0	77.3
≥ 3000	36.[illegible]	68.7	73.7	75.[illegible]	76.3	76.3	77.0	77.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	78.[illegible]
≥ 2500	36.7	7[illegible].[illegible]	75.3	77.[illegible]	78.[illegible]	78.[illegible]	79.0	79.[illegible]	79.[illegible]	79.7	79.7	79.7	79.7	79.7	79.7	80.0
≥ 2000	37.3	72.[illegible]	77.7	79.3	80.3	80.3	81.3	81.3	81.3	82.[illegible]	82.[illegible]	8[illegible].0	82.0	82.0	82.0	82.3
≥ 1800	37.3	72.0	77.7	79.3	80.3	80.3	81.3	81.3	81.3	82.[illegible]	82.[illegible]	82.[illegible]	82.0	82.[illegible]	82.[illegible]	82.3
≥ 1500	37.7	73.[illegible]	80.0	82.[illegible]	83.0	83.0	84.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	85.[illegible]
≥ 1200	37.7	74.3	81.7	83.7	84.7	84.7	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.7
≥ 1000	37.7	76.3	83.7	85.7	86.7	86.7	87.7	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 900	37.7	76.3	84.[illegible]	86.0	87.0	87.0	88.0	88.0	88.[illegible]	88.7	88.7	88.7	88.7	88.7	88.7	89.[illegible]
≥ 800	37.7	76.3	84.7	86.7	88.0	88.0	89.[illegible]	89.0	89.[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	9[illegible].[illegible]
≥ 700	37.7	77.0	86.0	88.3	89.7	89.7	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.7
≥ 600	37.7	77.[illegible]	86.0	88.3	89.7	89.7	91.0	91.0	91.0	91.7	91.7	91.7	91.7	91.7	91.7	92.[illegible]
≥ 500	37.7	77.3	86.3	88.7	90.7	90.7	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.3
≥ 400	37.7	77.3	86.3	88.7	91.3	91.3	93.0	93.0	93.[illegible]	93.7	93.7	93.7	93.7	93.7	93.7	94.3
≥ 300	37.7	77.3	86.7	89.3	92.0	92.0	95.3	95.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	97.[illegible]
≥ 200	37.7	77.3	86.7	89.3	92.0	92.0	95.3	95.7	95.7	97.[illegible]	97.7	97.7	97.7	98.[illegible]	98.3	98.7
≥ 100	37.7	77.3	86.7	89.3	92.0	92.0	95.3	95.7	95.7	97.0	97.7	97.7	97.7	98.[illegible]	98.3	98.7
0	37.7	77.3	86.7	89.3	92.0	92.0	95.3	95.7	95.7	97.0	97.7	97.7	98.0	98.3	99.[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	APR

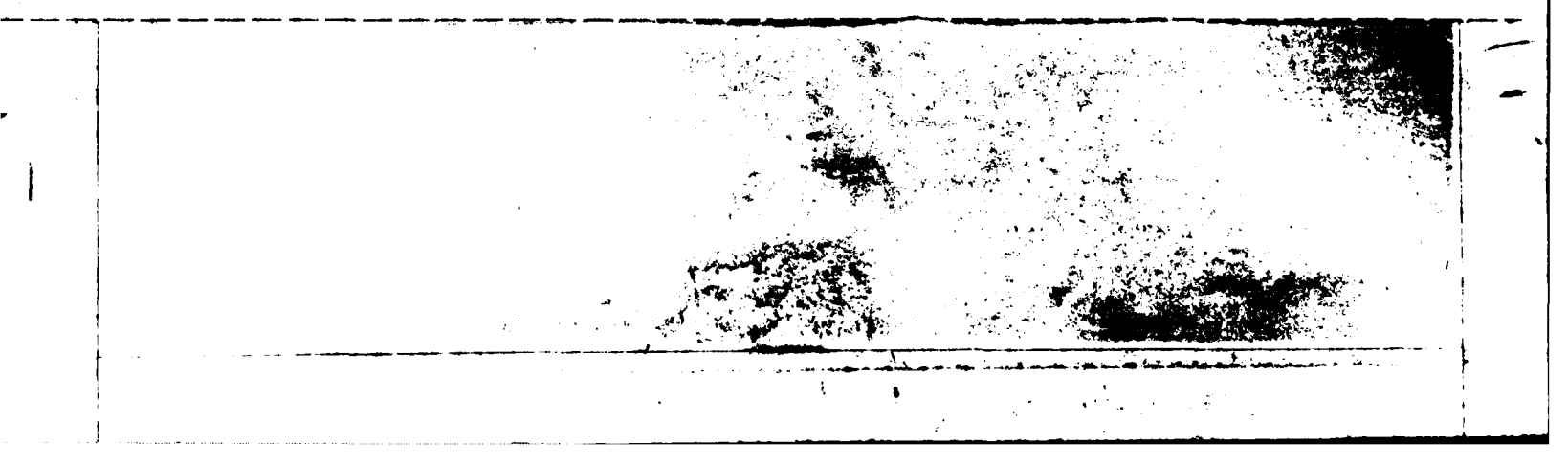
HOURS (L S T) 14

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	32.7	58.3	63.7	66.7	67.3	67.3	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.3	68.7
≥ 20000	32.7	59.0	64.3	67.3	68.0	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.3
≥ 18000	32.7	59.0	64.3	67.3	68.0	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.3
≥ 16000	32.7	59.0	64.3	67.3	68.0	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.3
≥ 14000	32.7	59.3	64.7	67.7	68.3	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.3	69.7
≥ 12000	32.7	59.3	65.3	68.3	69.0	69.0	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	70.0	70.3
≥ 10000	32.7	60.3	65.7	68.7	69.3	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.7
≥ 9000	32.7	60.3	65.7	68.7	69.3	69.3	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.3	70.7
≥ 8000	33.0	60.7	66.0	69.0	69.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.7	71.0
≥ 7000	33.0	61.0	66.3	69.3	70.0	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.3
≥ 6000	33.0	61.0	66.3	69.3	70.0	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.3
≥ 5000	33.3	61.3	66.7	69.7	70.3	70.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.3	71.7
≥ 4500	33.7	62.0	67.7	70.7	71.3	71.3	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.7
≥ 4000	33.7	63.0	68.7	71.7	72.3	72.3	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.3	73.7
≥ 3500	33.7	63.0	68.7	71.7	72.3	72.3	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.7
≥ 3000	34.3	64.0	70.3	73.3	74.0	74.0	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	75.0	75.3
≥ 2500	35.0	65.3	72.0	75.0	76.0	76.0	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0	77.3
≥ 2000	35.3	67.7	74.7	78.0	79.3	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.3
≥ 1800	35.3	68.3	75.3	78.7	79.7	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	81.0
≥ 1500	35.3	70.3	78.3	82.0	83.0	83.0	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.0	84.3
≥ 1200	35.3	71.3	80.7	84.3	85.3	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3	86.7
≥ 1000	35.7	72.3	81.7	85.7	87.0	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.7
≥ 900	35.7	72.3	82.0	86.0	87.3	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	89.7	89.7
≥ 800	35.7	72.7	83.0	87.3	88.7	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.3
≥ 700	36.0	73.0	83.7	88.0	89.7	90.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.7	92.0
≥ 600	36.0	73.0	84.0	88.3	90.0	90.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.3
≥ 500	36.0	73.0	84.0	88.3	90.3	91.0	91.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.3	93.7
≥ 400	36.0	73.0	84.7	89.0	91.0	91.7	92.7	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.7	95.0
≥ 300	36.0	73.0	84.7	89.0	91.3	92.0	94.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	97.3	97.7
≥ 200	36.0	73.0	84.7	89.0	91.3	92.0	94.3	96.0	96.0	96.7	96.7	96.7	96.7	96.7	97.3	97.7
≥ 100	36.0	73.0	84.7	89.0	91.3	92.0	94.3	96.0	96.0	96.7	96.7	96.7	97.0	97.0	97.7	98.3
≥ 0	36.0	73.0	84.7	89.0	91.3	92.0	94.3	96.0	96.0	96.7	96.7	96.7	97.3	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11	POINT MUGU, CALIFORNIA	77-82	APR
STATION	STATION NAME	YEARS	MONTH

7
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.7	43.3	54.7	58.7	61.3	61.7	62.0	62.0	62.0	62.0	62.3	62.3	62.3	62.3	62.7	65.3
≥ 20000	34.3	50.0	56.3	60.3	63.0	63.7	64.0	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.7	65.3
≥ 18000	34.3	50.0	56.3	60.3	63.0	64.0	64.3	64.3	64.3	64.3	64.7	64.7	64.7	64.7	65.0	65.7
≥ 16000	34.3	50.0	56.3	60.3	63.0	64.0	64.3	64.3	64.3	64.3	64.7	64.7	64.7	64.7	65.0	65.7
≥ 14000	34.7	51.3	57.7	61.7	64.3	65.3	66.0	66.0	66.0	66.0	66.3	66.3	66.3	66.3	66.7	67.3
≥ 12000	34.7	51.7	58.0	62.0	64.7	65.7	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.7	67.0	67.7
≥ 10000	34.7	52.0	58.3	62.7	65.3	66.3	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.7	68.3
≥ 9000	35.3	52.7	59.0	63.3	66.0	67.0	67.7	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.3	69.0
≥ 8000	35.7	53.0	59.3	63.7	66.3	67.3	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.7	69.3
≥ 7000	35.7	53.0	59.3	63.7	66.3	67.3	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.7	69.3
≥ 6000	35.7	53.0	59.3	63.7	66.3	67.3	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.7	69.3
≥ 5000	35.7	53.0	59.7	64.0	67.0	68.0	68.7	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.3	70.0
≥ 4500	36.0	53.3	60.0	65.0	68.0	69.0	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.3	71.0
≥ 4000	36.0	53.3	60.7	65.0	68.0	69.0	69.7	69.7	69.7	69.7	70.0	70.3	70.0	70.3	70.3	71.0
≥ 3500	36.3	53.7	61.0	65.3	68.3	69.3	70.0	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.7	71.3
≥ 3000	38.0	55.3	63.0	67.3	70.7	71.7	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	73.0	73.7
≥ 2500	38.7	55.7	63.3	67.7	71.0	72.0	73.0	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.7	74.3
≥ 2000	38.7	57.3	65.3	70.3	74.0	75.7	76.7	77.3	77.3	77.3	77.7	77.7	77.7	77.7	78.0	78.7
≥ 1800	39.7	57.7	66.7	71.7	75.3	77.0	78.0	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.3	80.0
≥ 1500	39.7	57.7	69.0	74.7	79.0	80.7	82.0	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.3	84.0
≥ 1200	40.0	61.0	71.3	77.3	82.3	84.0	85.7	86.3	86.3	86.3	86.7	86.7	86.7	86.7	87.0	87.7
≥ 1000	40.0	61.7	72.0	78.0	83.7	85.7	87.7	88.3	88.3	88.3	88.7	88.7	88.7	88.7	89.0	89.7
≥ 900	40.0	61.7	72.0	78.0	83.7	85.7	87.7	88.3	88.3	88.3	88.7	88.7	88.7	88.7	89.0	89.7
≥ 800	40.0	61.7	72.0	78.3	84.0	87.0	89.3	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.3	92.0
≥ 700	40.0	61.7	72.0	78.0	84.3	87.7	90.0	91.3	91.3	91.7	92.3	92.3	92.3	92.3	92.7	93.3
≥ 600	40.0	61.7	72.3	78.3	84.7	88.0	90.7	92.0	92.0	92.3	93.0	93.0	93.0	93.0	93.3	94.0
≥ 500	40.0	61.7	72.3	78.3	84.7	88.0	90.7	92.0	92.0	92.3	93.0	93.0	93.0	93.0	93.3	94.0
≥ 400	40.0	61.7	72.3	78.3	84.7	88.0	91.0	93.0	93.0	93.7	94.3	94.3	94.3	94.3	94.7	95.3
≥ 300	40.0	61.7	72.3	78.3	85.0	88.3	91.3	93.7	93.7	95.0	96.3	96.3	96.3	96.3	96.7	97.3
≥ 200	40.0	61.7	72.3	78.3	85.0	88.3	91.3	93.7	93.7	95.0	96.7	96.7	96.7	96.7	97.0	98.0
≥ 100	40.0	61.7	72.3	78.3	85.0	88.3	91.3	93.7	93.7	95.3	97.0	97.0	97.0	97.0	97.7	98.7
≥ 0	40.0	61.7	72.3	78.3	85.0	88.3	91.3	93.7	93.7	95.3	97.0	97.0	97.0	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	APR

HOURS (L S T) 10

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	34.3	54.7	59.[illegible]	62.7	65.3	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.[illegible]
≥ 20000	36.[illegible]	58.3	63.[illegible]	67.[illegible]	69.7	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	36.0	58.7	63.3	67.3	70.0	71.3	72.0	72.3	72.[illegible]	72.0	72.[illegible]	72.0	72.0	72.[illegible]	72.[illegible]	72.[illegible]
≥ 16000	36.0	58.7	63.3	67.3	70.0	71.3	72.0	72.0	72.0	72.0	72.[illegible]	72.[illegible]	72.0	72.[illegible]	72.[illegible]	72.[illegible]
≥ 14000	36.[illegible]	59.0	63.7	67.7	70.3	71.7	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.[illegible]	72.3	72.3
≥ 12000	36.3	59.7	64.3	68.3	71.0	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.[illegible]	73.[illegible]	73.[illegible]
≥ 10000	36.3	6[illegible]	65.0	69.0	71.7	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	36.3	60.0	65.0	69.0	71.7	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	36.3	60.0	65.0	69.0	71.7	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	36.3	60.0	65.0	69.0	71.7	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	36.7	6[illegible].7	65.7	69.7	72.3	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 5000	36.7	6[illegible].7	65.7	69.7	72.3	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	36.7	61.3	66.3	7[illegible].3	73.0	74.3	75.0	75.0	75.0	75.0	75.[illegible]	75.[illegible]	75.0	75.0	75.0	75.0
≥ 4000	37.0	61.7	67.0	71.3	74.[illegible]	76.3	76.0	76.0	76.0	76.0	76.[illegible]	76.[illegible]	76.0	76.[illegible]	76.[illegible]	76.0
≥ 3500	37.[illegible]	61.7	67.0	71.3	74.0	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	37.0	63.[illegible]	68.3	72.7	75.7	77.3	78.0	78.0	78.0	78.0	78.0	78.[illegible]	78.0	78.[illegible]	78.[illegible]	78.[illegible]
≥ 2500	39.[illegible]	64.3	71.0	75.3	78.7	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.[illegible]	81.[illegible]	81.[illegible]
≥ 2000	39.[illegible]	66.[illegible]	74.0	78.7	82.3	84.3	85.0	85.0	85.[illegible]	85.0	85.0	85.[illegible]	85.0	85.[illegible]	85.[illegible]	85.[illegible]
≥ 1800	39.0	66.3	75.[illegible]	79.7	83.3	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	39.3	67.7	77.0	83.[illegible]	87.3	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	39.[illegible]	68.3	78.3	84.3	88.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	39.3	69.[illegible]	79.0	85.[illegible]	89.3	92.3	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	39.3	69.[illegible]	79.[illegible]	85.0	89.3	92.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	39.3	69.3	79.3	85.3	89.7	93.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	39.3	69.3	79.3	85.7	90.3	94.3	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	39.3	69.3	79.3	85.7	90.3	94.3	97.0	98.[illegible]	98.0	98.0	98.[illegible]	98.0	98.0	98.[illegible]	98.0	98.0
≥ 500	39.3	69.3	79.3	86.0	90.7	95.0	98.0	99.0	99.0	99.0	99.0	99.[illegible]	99.0	99.[illegible]	99.0	99.0
≥ 400	39.3	69.3	79.3	86.[illegible]	90.7	95.[illegible]	98.0	99.0	99.0	99.0	99.0	99.0	99.0	99.[illegible]	99.0	99.[illegible]
≥ 300	39.3	69.3	79.3	86.[illegible]	90.7	95.0	98.0	99.0	99.[illegible]	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	39.3	69.3	79.3	86.[illegible]	90.7	95.[illegible]	98.0	99.0	99.[illegible]	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	39.3	69.3	79.3	86.[illegible]	90.7	95.0	98.0	99.[illegible]	99.0	99.7	99.7	99.7	100.0	100.[illegible]	100.0	100.0
0	39.3	69.3	79.3	86.[illegible]	90.7	95.0	98.0	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT HUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | APR (MONTH)

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	64.7	67.7	71.3	73.3	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 20000	39.7	64.7	72.0	76.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	39.7	64.7	72.0	76.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	39.7	64.7	72.0	76.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	39.7	65.3	72.7	76.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	39.7	66.0	73.3	77.3	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 10000	40.7	66.0	75.3	79.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	40.7	66.0	75.3	79.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	40.7	66.3	75.7	79.7	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 7000	41.0	66.7	76.0	80.3	82.3	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	41.7	69.3	76.7	81.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	42.0	69.7	77.0	81.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4500	42.7	70.7	78.0	82.7	85.0	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	42.7	71.0	78.7	83.3	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	43.0	72.0	79.7	84.3	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	43.0	73.0	80.7	85.7	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	43.7	75.0	81.0	86.0	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	44.3	75.0	83.3	89.0	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	44.3	75.0	83.3	89.0	92.0	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	44.3	75.0	83.7	89.3	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	44.7	75.7	84.3	90.0	94.0	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	45.0	76.0	84.7	90.7	95.0	95.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 900	45.0	76.0	84.7	90.7	96.0	96.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	99.0	99.0
≥ 800	45.0	76.0	84.7	90.7	96.3	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	45.0	76.0	85.0	91.0	96.7	97.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	45.0	76.0	85.0	91.0	96.7	97.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	45.0	76.0	85.0	91.0	96.7	97.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	45.0	76.0	85.0	91.0	97.0	97.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	45.0	76.0	85.0	91.0	97.0	97.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	45.0	76.0	85.0	91.0	97.0	97.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	45.0	76.0	85.0	91.0	97.0	97.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	45.0	76.0	85.0	91.0	97.0	97.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

H 4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	APR

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	64.6	72.9	75.9	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 20000	39.1	67.6	76.3	79.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	39.1	67.6	76.3	79.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	39.1	67.6	76.3	79.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 14000	39.5	67.9	76.6	79.9	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000	39.5	68.9	77.6	80.9	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	40.1	69.9	78.6	81.9	83.6	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	40.5	70.2	78.9	82.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	40.5	70.2	78.9	82.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	40.5	70.2	78.9	82.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	40.5	70.2	78.9	82.6	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	40.5	70.2	78.9	82.6	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	40.8	70.9	79.9	83.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	41.1	71.2	80.3	84.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3500	41.1	71.9	80.9	84.6	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	41.9	72.9	81.9	85.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	41.9	73.6	82.6	86.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	42.3	75.6	84.6	88.6	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	42.3	75.6	84.6	88.6	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	42.9	76.9	86.3	90.3	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	43.1	77.3	86.3	90.6	93.3	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	43.5	77.6	86.6	91.0	94.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	43.5	77.6	86.6	91.0	94.3	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	43.5	77.6	87.0	91.6	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	43.5	77.6	87.0	92.3	95.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	43.5	77.9	87.3	92.6	96.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	43.5	77.9	87.3	92.6	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	43.5	77.9	87.3	92.6	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	43.5	77.9	87.3	92.6	96.7	97.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	43.5	77.9	87.3	92.6	96.7	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.5	77.9	87.3	92.6	96.7	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.5	77.9	87.3	92.6	96.7	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

__ STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-82 YEARS | APR MONTH

1 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	34.7	58.7	66.7	69.3	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.7	71.7	72.0
≥ 20000	35.3	61.7	71.3	72.7	74.3	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 18000	35.3	61.7	71.3	72.7	74.3	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 16000	35.3	61.7	70.3	72.7	74.3	74.7	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 14000	56.7	62.3	71.0	73.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.3
≥ 12000	56.3	62.3	71.0	73.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.3
≥ 10000	56.7	64.0	72.7	75.3	76.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	78.0
≥ 9000	56.7	64.0	72.7	75.3	76.7	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.7	77.7	77.7	78.0
≥ 8000	57.0	64.3	73.0	75.3	77.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.3
≥ 7000	57.3	65.0	73.7	76.0	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.7	78.7	78.7	79.0
≥ 6000	57.7	65.7	74.3	76.7	78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.3	79.3	79.7
≥ 5000	59.0	66.3	75.0	77.3	79.0	79.3	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.3
≥ 4500	59.7	67.7	76.3	78.7	80.3	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.7
≥ 4000	59.7	67.7	76.3	78.7	80.3	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.7
≥ 3500	59.7	68.3	77.3	79.7	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.7
≥ 3000	59.7	69.3	78.7	81.0	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7	83.7	84.0
≥ 2500	61.7	71.0	80.3	82.7	84.3	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.7
≥ 2000	61.3	72.3	82.3	85.0	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.7	87.7	87.7	88.0
≥ 1800	61.7	72.7	82.7	85.3	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	88.0	88.0	88.0	88.3
≥ 1500	62.0	73.7	83.7	86.3	88.0	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.7
≥ 1200	62.0	74.7	84.7	87.3	89.0	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.7
≥ 1000	62.0	75.7	85.7	88.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.7
≥ 900	62.0	75.7	85.7	88.7	90.7	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3	92.7
≥ 800	62.0	75.7	86.3	89.7	91.7	92.7	93.3	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.7
≥ 700	62.0	76.0	86.7	90.3	92.3	93.7	94.3	94.7	94.7	94.7	94.7	94.7	95.0	95.0	95.0	95.3
≥ 600	62.0	76.0	87.3	91.0	93.0	94.7	95.7	96.0	96.0	96.3	96.3	96.3	96.7	96.7	96.7	97.0
≥ 500	62.3	76.3	87.7	91.7	93.7	95.7	96.7	97.0	97.0	97.3	97.3	97.3	97.7	97.7	97.7	98.0
≥ 400	62.3	76.3	87.7	91.7	94.0	96.0	97.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	99.0
≥ 300	62.3	76.3	88.0	92.3	94.7	96.7	97.7	98.7	98.7	99.0	99.0	99.0	99.3	99.3	99.3	99.7
≥ 200	62.3	76.3	88.0	92.3	94.7	96.7	97.7	98.7	98.7	99.3	99.3	99.3	99.7	99.7	99.7	100.0
≥ 100	62.3	76.3	88.0	92.3	94.7	96.7	97.7	98.7	98.7	99.3	99.3	99.3	99.7	99.7	99.7	100.0
≥ 0	62.3	76.3	88.7	92.3	94.7	96.7	97.7	98.7	98.7	99.3	99.3	99.3	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 270

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]1	POINT MUGU, CALIFORNIA	73-82	APR

HOURS (L S T) 24

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3[illegible].3	7[illegible].3	76.7	77.3	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.3
≥ 20000	39.7	72.3	77.7	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.3
≥ 18000	39.7	72.3	77.7	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.3
≥ 16000	39.7	72.3	77.7	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.3
≥ 14000	39.7	72.7	78.0	78.7	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	79.7
≥ 12000	39.7	72.7	78.0	78.7	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	79.7
≥ 10000	40.0	73.3	78.7	79.3	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3
≥ 9000	40.0	73.3	78.7	79.3	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3
≥ 8000	40.0	73.3	78.7	79.3	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3
≥ 7000	40.0	73.3	79.0	79.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	80.7
≥ 6000	40.0	73.3	79.0	79.7	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	80.7
≥ 5000	40.3	74.0	79.7	80.3	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3
≥ 4500	40.7	74.7	80.3	81.0	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.0	82.0
≥ 4000	40.3	74.7	80.3	81.0	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.0	82.0
≥ 3500	40.3	75.0	81.0	81.7	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	82.7
≥ 3000	41.0	76.7	82.7	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.7	84.7
≥ 2500	41.3	78.0	84.3	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0	86.0
≥ 2000	41.7	78.7	84.7	86.0	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0
≥ 1800	41.7	78.7	84.7	86.0	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0
≥ 1500	42.7	80.7	87.0	88.7	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.7	89.7
≥ 1200	42.7	80.7	87.0	89.0	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.0	90.0
≥ 1000	43.0	81.3	87.7	89.7	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.7	90.7
≥ 900	43.0	81.3	88.0	90.0	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3
≥ 800	43.0	81.7	89.0	91.0	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3
≥ 700	43.0	82.7	91.0	93.0	94.7	94.3	94.7	95.3	95.0	95.0	95.0	95.0	95.0	95.0	95.3	95.3
≥ 600	43.0	82.7	91.0	93.0	94.0	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0
≥ 500	43.0	82.7	91.0	93.0	94.0	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0
≥ 400	43.0	82.7	91.0	93.3	94.7	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3
≥ 300	43.0	82.7	91.0	93.3	94.7	95.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7
≥ 200	43.0	82.7	91.0	93.3	94.7	95.7	97.3	97.7	97.7	98.3	98.3	98.3	98.0	98.0	98.7	98.7
≥ 100	43.0	82.7	91.0	93.3	94.7	95.7	97.3	97.7	97.7	98.3	99.0	99.0	99.0	99.0	99.7	99.7
0	43.0	82.7	91.0	93.3	94.7	95.7	97.3	97.7	97.7	98.3	99.0	99.0	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T): ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	35.7	6[illegible]	66.2	69.4	70.5	70.7	71.2	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.5	71.7
≥ 20000	36.5	62.2	68.6	71.5	73.1	73.4	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.2	74.4
≥ 18000	36.5	62.3	68.7	71.6	73.2	73.5	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.3	74.5
≥ 16000	36.5	62.3	68.7	71.6	73.2	73.5	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.3	74.5
≥ 14000	36.7	62.9	69.2	72.1	73.7	74.0	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.9	75.1
≥ 12000	36.9	63.3	69.7	72.6	74.2	74.5	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.5
≥ 10000	37.0	64.2	70.6	73.5	75.1	75.4	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.5
≥ 9000	37.1	64.3	70.7	73.6	75.2	75.5	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.6
≥ 8000	37.3	64.4	70.9	73.8	75.4	75.7	76.2	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.7
≥ 7000	37.4	64.6	71.1	74.1	75.7	76.0	76.5	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.8	77.0
≥ 6000	37.6	64.9	71.4	74.4	76.0	76.3	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.4
≥ 5000	37.7	65.2	71.8	74.8	76.4	76.7	77.2	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.6	77.8
≥ 4500	38.1	66.0	72.7	75.7	77.5	77.8	78.3	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.8
≥ 4000	38.1	66.3	73.1	76.2	77.9	78.2	78.7	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.1	79.3
≥ 3500	38.3	66.7	73.6	76.7	78.4	78.7	79.2	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.8
≥ 3000	38.9	67.9	74.9	78.1	79.9	80.2	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.3
≥ 2500	39.5	68.9	76.2	79.4	81.2	81.6	82.2	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.5	82.7
≥ 2000	40.1	70.6	78.3	81.9	83.9	84.4	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.5	85.7
≥ 1800	40.1	70.8	78.7	82.3	84.4	84.9	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	86.0	86.2
≥ 1500	40.4	71.0	80.6	84.5	86.8	87.4	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.5	88.8
≥ 1200	40.6	72.9	81.8	85.8	88.1	89.0	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.4
≥ 1000	40.9	73.7	82.6	86.8	89.6	90.4	91.5	91.7	91.7	91.8	91.8	91.8	91.9	91.9	92.0	92.2
≥ 900	40.9	73.7	82.7	86.9	89.9	90.7	91.9	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.4	92.6
≥ 800	40.9	73.9	83.2	87.5	90.6	91.8	93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.8
≥ 700	40.9	74.2	83.8	88.3	91.6	92.8	94.1	94.6	94.6	94.7	94.8	94.8	94.8	94.8	95.0	95.2
≥ 600	40.9	74.2	84.1	88.5	91.9	93.3	94.8	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.9
≥ 500	40.9	74.3	84.1	88.7	92.2	93.8	95.4	95.9	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.6
≥ 400	40.9	74.3	84.2	88.8	92.5	94.1	95.9	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.2	97.4
≥ 300	40.9	74.3	84.3	89.0	92.8	94.4	96.8	97.5	97.5	98.0	98.1	98.1	98.2	98.2	98.3	98.5
≥ 200	40.9	74.3	84.3	89.0	92.8	94.4	96.7	97.5	97.5	98.2	98.5	98.5	98.6	98.6	98.9	99.1
≥ 100	40.9	74.3	84.3	89.0	92.8	94.4	96.7	97.5	97.5	98.3	98.7	98.7	98.8	98.8	99.1	99.4
0	40.9	74.3	84.3	89.0	92.8	94.4	96.7	97.5	97.5	98.3	98.7	98.7	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2399

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | MAY (MONTH)

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.7	46.4	54.2	57.4	58.4	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.7
≥ 20000	19.7	46.4	54.2	57.4	58.4	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.7
≥ 18000	19.0	46.4	54.2	57.4	58.4	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.7
≥ 16000	19.0	46.4	54.2	57.4	58.4	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.7
≥ 14000	19.0	46.4	54.2	57.4	58.4	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.7
≥ 12000	19.0	46.7	54.5	57.7	58.7	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	19.0	46.7	54.5	57.7	58.7	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	19.0	46.7	54.5	57.7	58.7	59.0	59.0	59.0	59.1	59.0	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	19.4	47.0	55.2	58.4	59.4	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0
≥ 7000	19.4	47.0	55.2	58.4	59.4	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	19.4	49.4	55.5	58.7	59.7	60.0	60.0	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3
≥ 5000	19.4	49.7	55.6	59.0	60.0	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	19.7	50.3	56.8	60.0	61.0	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6
≥ 4000	19.7	50.3	56.8	60.0	61.1	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6
≥ 3500	19.7	50.7	57.1	60.3	61.3	61.6	61.6	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3000	19.7	51.3	58.1	61.3	62.3	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9
≥ 2500	20.0	52.3	59.1	62.3	63.2	63.6	63.6	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9
≥ 2000	20.0	53.6	61.9	65.2	66.1	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1800	20.0	53.6	61.9	65.2	66.1	66.5	66.5	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1500	20.0	54.6	63.9	67.1	68.7	69.0	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7
≥ 1200	20.3	55.6	65.2	68.7	70.7	71.0	71.3	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6
≥ 1000	20.7	58.7	69.4	73.9	75.8	76.1	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8
≥ 900	20.7	59.0	69.7	74.5	76.8	77.1	77.4	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7
≥ 800	20.7	61.9	73.2	79.0	82.3	82.6	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6
≥ 700	20.7	62.9	74.5	80.3	84.8	85.2	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1
≥ 600	20.7	63.2	75.2	81.3	87.1	87.7	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
≥ 500	20.7	63.6	75.8	82.9	89.0	89.7	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 400	20.7	63.6	75.8	83.6	89.7	91.0	92.6	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	20.7	63.6	76.1	84.2	91.0	92.6	95.2	95.2	95.2	95.5	95.8	96.1	96.1	96.1	96.1	96.1
≥ 200	20.7	63.6	76.1	84.2	91.3	92.9	96.5	97.1	97.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7
≥ 100	20.7	63.6	76.1	84.2	91.3	92.9	96.5	97.1	97.4	99.0	99.4	99.7	99.7	99.7	100.0	100.0
0	20.7	63.6	76.1	84.2	91.0	92.9	96.5	97.1	97.4	99.0	99.4	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 313

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

[illegible] | POINT MUGU, CALIFORNIA | 73-82 | MAY

STATION | STATION NAME | YEARS | 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	17.1	39.4	45.2	47.1	49.3	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	17.4	39.7	45.8	47.7	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 8000	17.7	40.0	46.1	48.1	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 7000	17.7	40.0	46.1	48.1	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	17.7	41.0	46.1	48.1	50.0	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	17.7	41.0	47.1	49.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4500	17.7	41.0	47.1	49.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000	17.7	41.0	47.1	49.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3500	17.7	41.0	47.1	49.0	51.0	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 3000	17.7	41.9	48.1	50.0	51.9	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 2500	18.1	43.6	50.3	52.3	54.2	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 2000	18.4	46.5	55.2	57.4	59.4	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 1800	18.4	47.1	55.8	58.1	60.0	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 1500	18.4	47.4	58.7	61.6	64.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1200	18.7	50.3	61.5	64.8	67.7	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 1000	18.7	51.3	62.9	67.7	72.6	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 900	18.7	51.9	63.9	69.0	74.2	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 800	19.7	53.9	66.5	72.3	78.4	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 700	18.7	54.8	68.4	74.8	83.2	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 600	18.7	55.5	69.0	75.5	83.9	84.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 500	18.7	55.8	70.0	77.1	86.1	87.1	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 400	18.7	55.8	70.3	77.7	87.7	88.7	92.6	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 300	18.7	55.8	70.3	78.1	88.7	89.7	95.5	95.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 200	18.7	55.8	70.3	78.1	88.7	89.7	96.1	96.8	97.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4
≥ 100	18.7	55.8	70.3	78.1	88.7	89.7	96.5	97.1	97.4	98.4	98.7	98.7	98.7	98.7	99.0	99.0
≥ 0	18.7	55.8	70.3	78.1	88.7	89.7	96.5	97.1	97.4	98.4	99.1	99.0	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



D
4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11	POINT MUGU, CALIFORNIA	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07
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	17.3	29.3	34.9	38.1	40.1	40.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	17.6	29.3	35.8	39.1	41.0	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	17.6	29.3	35.8	39.1	41.0	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 16000	17.6	29.3	35.8	39.1	41.0	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 14000	17.6	29.3	35.8	39.1	41.0	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 12000	17.6	29.3	35.8	39.1	41.0	41.7	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 10000	17.9	30.0	36.5	39.7	41.7	42.4	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 9000	17.9	30.0	36.5	39.7	41.7	42.4	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 8000	17.9	30.0	36.5	39.7	41.7	42.4	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 7000	18.2	30.3	36.8	40.1	42.0	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 6000	18.6	30.6	37.1	40.4	42.4	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 5000	18.6	30.6	37.5	40.7	42.7	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 4500	18.9	30.9	37.8	41.0	43.0	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 4000	18.9	30.9	37.8	41.0	43.0	43.7	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 3500	18.9	31.6	38.4	41.7	43.7	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 3000	19.5	32.6	39.4	42.7	45.0	45.6	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 2500	20.2	34.9	41.7	45.3	47.6	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 2000	20.9	36.8	45.6	50.2	53.4	54.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1800	20.9	37.1	46.3	50.8	54.1	55.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 1500	20.9	39.7	50.8	56.0	60.3	63.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1200	21.2	41.1	51.8	58.6	63.5	67.1	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1000	21.2	41.7	53.8	61.6	66.8	71.7	73.6	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 900	21.2	41.7	53.8	62.5	68.1	73.3	75.2	76.2	76.2	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 800	21.2	42.0	54.1	63.8	69.7	76.9	80.5	81.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 700	21.2	42.0	54.1	63.8	70.0	79.2	84.0	85.7	85.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 600	21.2	42.0	54.1	64.5	71.0	80.8	86.3	88.3	88.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 500	21.2	42.0	54.1	64.5	71.0	81.4	87.6	89.9	89.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 400	21.2	42.0	54.1	64.5	71.0	81.8	88.9	91.5	91.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 300	21.2	42.0	54.1	64.8	71.7	82.4	89.9	93.2	93.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	21.2	42.0	54.1	64.8	71.7	82.4	89.9	93.2	93.2	97.4	98.1	98.1	98.1	98.1	98.4	98.4
≥ 100	21.2	42.0	54.1	64.8	71.7	82.4	89.9	93.2	93.2	97.4	98.1	98.1	98.1	98.1	99.0	99.4
≥ 0	21.2	42.0	54.1	64.8	71.7	82.4	89.9	93.2	93.2	97.4	98.1	98.1	98.1	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 307

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11 (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 (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	21.1	41.6	47.1	49.4	51.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	21.1	42.9	48.4	50.7	52.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	21.1	42.9	48.4	50.7	52.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	21.1	42.9	48.4	50.7	52.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	21.4	43.2	48.7	51.0	53.3	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	21.4	43.2	48.7	51.0	53.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 10000	21.8	43.5	49.0	51.3	53.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 9000	21.8	43.5	49.0	51.3	53.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	22.1	43.8	49.4	51.6	54.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 7000	22.1	43.8	49.4	51.6	54.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	22.1	43.8	49.4	51.6	54.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 5000	22.1	44.2	49.7	52.0	54.6	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	22.1	44.6	50.3	52.6	55.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4000	22.1	44.6	50.3	52.6	55.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 3500	22.4	46.5	51.0	53.3	55.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 3000	22.7	47.4	52.9	55.2	57.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 2500	23.1	48.7	55.2	57.8	60.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 2000	23.4	50.3	58.4	63.0	65.9	67.2	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 1800	23.4	51.0	59.1	64.3	67.5	68.8	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 1500	23.7	52.9	61.4	67.5	72.7	74.4	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1200	23.7	53.3	62.3	69.5	75.3	78.6	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 1000	23.7	53.3	62.3	70.1	77.3	81.5	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	23.7	53.3	62.3	70.5	77.9	82.1	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 800	23.7	53.6	63.0	71.4	79.6	84.4	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	23.7	53.6	63.0	71.8	80.2	86.0	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	23.7	53.6	63.0	71.8	80.2	86.4	92.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 500	23.7	53.6	63.0	71.8	80.8	87.0	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	23.7	53.6	63.0	71.8	80.8	87.3	95.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	23.7	53.6	63.0	71.8	81.2	88.0	96.1	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	23.7	53.6	63.0	71.8	81.2	88.0	96.1	98.1	98.1	98.7	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	23.7	53.6	63.0	71.8	81.2	88.0	96.1	98.1	98.1	98.7	99.4	99.4	99.7	99.7	99.7	99.7
≥ 0	23.7	53.6	63.0	71.8	81.2	88.0	96.1	98.1	98.1	98.7	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11	POINT MUGU, CALIFORNIA	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.2	46.2	52.4	55.1	57.7	57.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 20000	26.5	50.2	55.3	57.9	59.9	61.2	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 18000	26.9	50.5	55.7	58.3	60.2	61.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	26.9	50.5	55.7	58.3	60.2	61.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	26.9	50.5	55.7	58.3	60.2	61.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 12000	26.9	50.6	56.0	58.9	60.8	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	26.9	50.8	56.0	58.9	60.8	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	26.9	50.8	56.0	58.9	60.8	62.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	27.2	51.1	56.3	59.2	61.2	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	27.2	51.1	56.3	59.2	61.2	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	27.2	51.1	56.3	59.2	61.2	62.5	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 5000	27.2	52.1	57.3	60.2	62.1	63.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 4500	27.2	52.8	57.9	60.8	62.8	64.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 4000	27.5	53.1	58.3	61.2	63.1	64.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	27.8	53.4	58.6	61.5	63.4	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	27.8	55.3	61.2	64.7	67.0	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	28.2	56.6	62.8	67.6	70.6	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 2000	28.2	57.0	64.1	70.2	73.5	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1800	28.2	57.0	64.1	70.2	73.5	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1500	28.5	58.9	67.3	74.4	78.3	80.3	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1200	28.5	59.2	69.3	76.4	80.9	83.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	28.5	59.9	69.9	77.7	82.5	86.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	28.5	59.9	71.2	78.3	84.1	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 800	28.5	59.9	71.6	79.3	85.9	90.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	28.5	59.9	70.9	80.3	87.1	92.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 600	28.5	59.9	70.9	80.6	87.4	92.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	28.5	59.9	71.2	81.2	88.7	94.2	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	28.5	59.9	71.2	81.2	89.3	94.5	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	28.5	59.9	71.2	81.2	89.1	94.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	28.5	59.9	71.2	81.2	89.0	94.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	28.5	59.9	71.2	81.2	89.0	94.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	28.5	59.9	71.2	81.2	89.0	94.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

HOURS (L S T) 10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.5	51.1	59.9	64.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	29.8	54.1	63.4	68.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000	29.8	54.1	63.4	68.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	29.8	54.1	63.4	68.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	29.8	54.1	63.4	68.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	29.8	54.1	63.4	68.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	30.1	54.4	64.1	68.6	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 9000	30.1	54.7	64.4	68.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	30.1	54.7	64.4	68.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	30.1	54.7	64.4	68.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	30.1	54.7	64.4	68.9	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	30.1	55.3	65.1	69.6	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4500	30.1	55.3	65.1	69.6	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	30.4	55.7	65.4	69.9	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3500	30.4	55.7	65.4	69.9	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	31.1	57.0	67.3	71.5	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 2500	31.4	57.6	68.1	72.5	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 2000	31.4	57.2	77.2	75.4	79.3	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1800	31.4	57.9	70.9	76.4	80.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 1500	31.4	61.2	73.8	79.3	83.2	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	31.4	61.5	74.8	80.3	85.1	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1000	31.4	61.8	77.1	83.2	88.1	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	31.4	61.8	77.7	84.1	90.1	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	31.4	62.1	78.8	85.1	91.3	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	31.4	62.8	79.3	85.8	91.9	93.9	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 600	31.4	62.8	79.3	85.8	92.2	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	31.4	62.8	79.6	86.4	93.5	95.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	31.7	63.1	79.9	86.7	94.2	96.4	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	31.7	63.1	79.9	86.7	94.2	96.8	98.1	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	31.7	63.1	79.9	86.7	94.2	96.8	98.1	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	31.7	63.1	79.9	86.7	94.2	96.8	98.1	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	31.7	63.1	79.9	86.7	94.2	96.8	98.1	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) [illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.6	47.4	57.7	63.9	64.5	64.8	65.2	65.5	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 20000	24.5	51.0	59.4	65.5	66.1	66.5	66.8	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000	24.5	51.0	59.4	65.5	66.1	66.5	66.8	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000	24.5	51.0	59.4	65.5	66.1	66.5	66.8	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	24.8	51.6	60.0	66.1	66.9	67.1	67.4	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	24.8	51.9	60.3	66.5	67.1	67.4	67.7	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 10000	24.8	51.9	60.3	66.5	67.1	67.4	67.7	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 9000	24.8	52.6	61.1	67.1	67.7	68.1	68.4	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 8000	25.2	52.9	61.3	67.4	68.1	68.4	68.7	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	25.2	52.9	61.3	67.4	68.1	68.4	68.7	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	25.5	53.2	61.6	67.7	68.4	68.7	69.0	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	25.5	53.2	61.6	67.7	68.4	68.7	69.0	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	25.8	54.2	62.6	68.7	69.4	69.7	70.0	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	25.8	54.2	62.6	68.7	69.4	69.7	70.0	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	25.8	54.5	62.9	69.0	69.7	70.0	70.3	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	26.1	55.2	64.8	71.0	71.6	71.9	72.3	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	26.8	56.8	66.5	72.6	73.2	73.6	73.9	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 2000	27.4	59.4	69.7	75.8	76.8	77.1	77.4	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 1800	27.4	59.7	70.3	76.6	77.7	78.4	78.7	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1500	27.4	60.7	72.3	79.4	80.3	81.0	81.3	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	27.4	61.9	73.6	81.3	81.9	82.6	82.9	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	27.7	63.6	76.1	83.6	84.8	85.5	85.8	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 900	27.7	63.6	76.1	84.2	85.5	86.1	86.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	27.7	63.9	77.1	85.8	88.1	89.4	90.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	27.7	64.5	77.7	87.1	90.0	91.9	92.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	27.7	64.5	78.1	87.4	90.3	92.6	93.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 500	27.7	64.5	78.1	87.7	90.7	92.9	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	27.7	64.5	78.1	87.7	91.6	93.9	95.8	96.1	96.1	96.5	96.5	96.3	96.5	96.5	96.5	96.5
≥ 300	27.7	64.5	78.1	87.7	92.3	94.8	97.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	27.7	64.5	78.1	87.7	92.6	95.2	97.4	98.4	98.4	98.7	98.7	99.0	99.0	99.4	99.4	99.4
≥ 100	27.7	64.5	78.1	87.7	92.6	95.2	97.7	98.7	98.7	99.1	99.4	99.7	99.7	100.0	100.0	100.0
≥ 0	27.7	64.5	78.1	87.7	92.6	95.2	97.7	98.7	98.7	99.1	99.4	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
11	POINT MUGU, CALIFORNIA	73-82	MAY

HOURS (L S T) 12

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	24.2	57.1	65.5	67.7	67.7	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	24.5	58.1	66.5	68.7	68.7	68.7	68.7	68.7	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 18000	24.5	58.1	66.5	68.7	68.7	68.7	68.7	68.7	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 16000	24.5	58.1	66.5	68.7	68.7	68.7	68.7	68.7	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 14000	24.5	58.4	66.8	69.0	69.0	69.0	69.0	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	24.5	58.7	67.1	69.4	69.4	69.4	69.4	69.4	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	24.5	58.7	67.1	69.4	69.4	69.4	69.4	69.4	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	24.8	59.0	67.4	69.7	69.7	69.7	69.7	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	25.2	59.4	67.7	70.0	70.0	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	25.2	59.4	67.7	70.0	70.0	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	25.2	59.7	68.1	70.3	70.3	70.3	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 5000	25.2	60.0	68.4	70.7	70.7	70.7	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	25.2	60.0	68.4	70.7	70.7	70.7	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	25.2	60.0	68.4	70.7	70.7	70.7	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	25.2	60.3	68.7	71.0	71.0	71.0	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3000	25.8	61.6	70.3	72.6	72.6	72.6	72.6	72.6	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	26.9	62.9	71.9	74.2	74.2	74.2	74.2	74.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 2000	27.1	63.9	73.6	75.8	75.8	75.8	76.1	76.1	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1800	27.1	63.9	73.6	75.8	76.1	76.1	76.5	76.5	76.5	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1500	27.1	65.2	75.5	78.1	78.4	78.4	78.7	78.7	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1200	27.1	65.2	75.8	78.4	78.7	78.7	79.0	79.0	79.0	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	27.4	67.4	79.0	82.3	82.9	82.9	83.2	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 900	27.4	67.7	79.7	82.9	83.6	83.6	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	27.4	69.0	82.3	85.5	87.4	87.4	87.7	87.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	27.4	69.4	83.6	88.7	91.0	91.3	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	27.4	69.4	83.9	89.0	91.6	91.9	92.6	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	27.4	69.7	84.2	89.7	92.3	92.9	93.9	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	27.4	69.7	84.2	89.7	93.2	93.9	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	27.4	69.7	84.5	90.0	93.6	94.2	96.1	96.1	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	27.4	69.7	84.5	90.0	93.6	94.2	96.8	97.1	97.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 100	27.4	69.7	84.5	90.0	93.6	94.2	96.8	97.4	97.4	98.7	98.7	98.7	99.4	99.4	99.7	99.7
≥ 0	27.4	69.7	84.5	90.0	93.6	94.2	96.8	97.7	97.7	99.0	99.0	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.7	45.5	52.1	56.4	56.9	57.4	57.7	57.8	57.8	57.9	58.0	58.1	58.1	58.1	58.	58.
≥ 20000	22.6	46.7	53.6	56.9	58.5	59.0	59.4	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
≥ 18000	22.6	46.7	53.7	56.9	58.6	59.[illegible]	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 16000	22.6	46.7	53.7	56.9	58.6	59.	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 14000	22.7	46.9	53.8	57.1	58.7	59.2	59.6	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	22.7	47.1	54.0	57.3	59.0	59.4	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 10000	22.8	47.2	54.2	57.5	59.2	59.7	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	22.9	47.4	54.4	57.7	59.4	59.9	60.2	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 8000	23.1	47.6	54.6	58.0	59.6	60.1	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	23.1	47.7	54.7	58.0	59.7	60.2	60.5	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	23.2	47.8	54.8	58.2	59.9	60.3	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 5000	23.2	48.3	55.3	58.6	60.3	60.8	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4500	23.3	48.7	55.8	59.1	60.9	61.3	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 4000	23.4	48.8	55.8	59.2	60.9	61.3	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500	23.5	49.1	56.2	59.5	61.2	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3000	23.6	50.3	57.7	61.1	62.9	63.4	63.8	63.8	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0
≥ 2500	24.3	51.7	59.4	63.0	64.9	65.4	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2000	24.6	53.3	62.4	66.0	68.3	69.4	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1800	24.8	53.7	62.8	67.2	69.4	70.1	70.6	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 1500	24.7	55.4	65.5	70.4	73.3	74.4	75.0	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	24.9	55.7	66.7	72.4	75.5	76.9	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	24.9	57.2	68.8	75.0	78.9	80.7	81.8	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 900	24.9	57.4	69.2	75.8	80.0	82.1	83.3	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 800	24.9	58.3	71.7	77.8	82.8	85.4	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 700	24.9	58.8	71.5	79.1	84.8	87.9	90.3	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 400	24.9	58.9	71.7	79.5	85.5	88.9	91.7	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 500	24.9	59.0	72.0	80.2	86.5	90.1	93.3	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	25.1	59.0	72.1	80.4	87.2	90.9	94.5	95.3	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 300	25.1	59.2	72.2	80.6	87.7	91.6	95.8	96.8	96.9	97.7	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	25.1	59.3	72.2	80.6	87.8	91.7	96.2	97.4	97.5	98.6	98.9	99.0	99.1	99.2	99.2	99.2
≥ 100	25.0	59.4	72.2	80.6	87.8	91.7	96.3	97.5	97.6	98.9	99.2	99.3	99.4	99.4	99.7	99.7
0	25.0	59.4	72.2	80.6	87.8	91.7	96.3	97.6	97.7	98.9	99.3	99.4	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2473

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 77-82 | MONTH: [illegible]

HOURS (L S T):

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.4	5[illegible]	59.2	6[illegible]	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.5	6[illegible]
≥ 20000	17.4	5[illegible]	59.5	6[illegible]	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	61.5	61.9	61.9
≥ 18000	17.4	5[illegible]	59.5	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	61.5	61.9	61.9
≥ 16000	17.4	5[illegible]	59.5	60.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.9	61.9	62.2	62.2
≥ 14000	17.4	5[illegible]	59.5	6[illegible]	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.9	61.9	62.2	62.2
≥ 12000	17.4	5[illegible]	59.5	6[illegible]	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.9	61.9	62.2	62.2
≥ 10000	17.7	5[illegible]	59.9	6[illegible]	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.5	62.5
≥ 9000	17.7	5[illegible]	59.9	60.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.5	62.5
≥ 8000	18.1	5[illegible]	60.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	62.9
≥ 7000	18.1	5[illegible]	60.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	62.9
≥ 6000	18.1	5[illegible]	60.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	62.9
≥ 5000	18.1	5[illegible]	60.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	62.9
≥ 4500	18.1	5[illegible]	60.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	62.9
≥ 4000	18.1	5[illegible]	60.2	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.9	62.9
≥ 3500	18.4	5[illegible]	60.5	61.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.9	62.9	63.2	63.2
≥ 3000	18.7	5[illegible]	61.2	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.6	63.6	63.9	63.9
≥ 2500	18.1	5[illegible]	61.5	62.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9	63.9	64.2	64.2
≥ 2000	18.4	5[illegible]	62.5	63.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	65.2	65.2
≥ 1800	18.4	5[illegible]	62.5	63.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2	65.6	65.6
≥ 1500	18.4	5[illegible]	64.6	66.9	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.2	68.2	68.6	68.6
≥ 1200	18.4	5[illegible]	64.6	66.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.2	69.2	69.6	69.6
≥ 1000	20.1	5[illegible]	66.9	69.6	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.6	72.6	72.9	72.9
≥ 900	20.1	56.9	67.6	7[illegible]	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.6	73.6	73.9	73.9
≥ 800	20.1	57.9	69.9	72.6	75.9	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	77.3	77.3
≥ 700	20.1	59.5	72.9	77.3	81.9	82.3	83.3	83.3	83.3	83.6	83.6	83.6	84.0	84.0	84.3	84.3
≥ 600	20.1	60.2	73.9	78.6	84.3	84.6	85.6	85.6	85.6	86.0	86.0	86.0	86.3	86.3	86.6	86.6
≥ 500	20.1	60.2	73.9	79.3	86.6	87.9	88.9	88.3	88.3	88.6	88.6	88.6	89.0	89.0	89.3	89.3
≥ 400	20.1	60.2	74.3	79.6	88.0	88.6	90.0	90.6	90.6	91.0	91.0	91.0	91.3	91.3	91.6	91.6
≥ 300	20.1	60.2	74.3	79.6	88.0	89.3	92.0	93.0	93.3	93.3	93.3	93.3	93.7	93.7	94.0	94.0
≥ 200	20.1	60.2	74.3	79.6	88.3	89.6	93.3	94.7	94.7	95.3	95.3	95.3	96.0	96.0	96.3	96.3
≥ 100	20.1	60.2	74.3	79.6	88.3	89.6	94.0	95.3	95.7	96.7	96.7	96.7	97.7	97.7	98.3	98.7
≥ 0	20.1	60.2	74.3	79.6	88.3	89.6	94.0	95.3	95.7	96.7	96.7	96.7	97.7	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 709

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]-52	JUL

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	1[illegible].1	3[illegible].6	4[illegible].5	47.6	49.5	49.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 20000	15.1	3[illegible].6	47.5	49.6	49.5	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000	15.1	3[illegible].6	47.5	49.6	49.5	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 16000	15.1	3[illegible].6	47.5	49.6	49.8	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	15.1	3[illegible].6	47.5	49.6	49.8	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 12000	15.1	3[illegible].8	47.5	49.6	49.8	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 10000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 9000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 8000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 7000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 6000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 5000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4500	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4000	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 3500	15.4	4[illegible].1	47.8	49.6	50.2	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 3000	15.7	4[illegible].8	48.5	49.8	50.8	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 2500	16.1	41.1	49.9	51.2	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 2000	16.4	42.1	51.5	51.8	53.2	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 1800	16.4	43.1	51.5	53.2	54.5	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 1500	17.4	44.5	53.5	55.5	56.9	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 1200	17.4	46.5	54.9	56.9	58.9	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 1000	18.4	47.2	58.5	61.9	64.9	65.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 900	18.8	47.2	59.2	62.5	66.2	66.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 800	18.4	49.2	61.9	65.2	69.9	70.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 700	18.4	51.2	64.9	68.9	75.3	75.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 600	18.4	52.2	66.2	71.2	77.9	78.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 500	18.4	52.5	66.5	72.2	80.3	81.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 400	18.4	52.6	68.2	73.6	82.9	84.3	88.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 300	18.4	52.8	68.2	73.6	83.3	84.6	91.3	92.6	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 200	18.4	52.8	68.2	73.6	83.3	84.6	91.6	93.7	94.7	94.7	95.3	95.3	95.7	95.7	96.2	96.2
≥ 100	18.4	52.8	68.2	73.6	83.3	84.6	92.2	94.3	95.3	96.3	97.0	97.3	97.7	97.7	98.0	98.2
0	18.4	52.8	68.2	73.6	83.3	84.6	92.2	94.3	95.3	96.3	97.3	97.7	98.1	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]90

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: JUN | HOURS (L S T): [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.1	27.9	34.6	39.9	42.9	42.0	42.0	42.3	42.3	43.0	43.0	43.0	43.0	43.	43.	43.
≥ 20000	14.1	31.5	37.6	41.9	42.9	43.0	43.0	43.3	43.3	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000	14.4	30.7	37.9	41.3	42.3	43.3	43.3	43.6	43.6	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 16000	14.4	31.2	38.3	41.6	42.6	43.6	43.6	44.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 14000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 9000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 8000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 7000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 6000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 5000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 4500	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 4000	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 3500	14.4	31.5	38.6	42.0	43.0	44.0	44.0	44.3	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 3000	14.1	31.2	38.9	42.3	43.3	44.3	44.3	44.6	44.6	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 2500	14.4	32.6	39.9	43.3	44.3	45.3	45.3	45.6	45.6	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 2000	15.2	34.0	43.3	47.2	48.2	49.0	49.3	49.7	49.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 1800	15.2	35.2	44.2	48.3	49.3	50.3	50.7	51.0	51.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 1500	15.1	35.7	46.0	51.7	54.7	55.0	55.7	56.0	56.0	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 1200	15.4	37.3	48.0	54.0	57.1	58.1	58.7	59.1	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 1000	16.2	37.9	49.7	56.4	59.7	61.7	62.4	63.1	63.4	64.1	64.4	64.4	64.4	64.4	64.4	64.4
≥ 900	16.2	37.9	51.3	57.7	61.1	63.4	64.4	65.1	65.4	66.1	66.4	66.4	66.4	66.4	66.4	66.4
≥ 800	16.2	37.9	51.3	59.7	64.4	67.8	69.1	70.5	70.8	71.5	71.8	71.8	71.8	71.8	71.8	71.8
≥ 700	16.2	38.3	52.0	60.4	66.4	72.8	74.8	76.9	77.2	78.2	78.5	78.5	78.5	78.5	78.9	78.9
≥ 600	16.2	38.3	52.0	60.4	67.8	74.5	78.2	80.5	81.9	82.6	82.9	82.9	82.9	82.9	83.2	83.2
≥ 500	16.2	38.3	52.0	60.4	67.8	76.5	81.5	84.2	84.6	86.6	86.9	86.9	86.9	86.9	87.3	87.3
≥ 400	16.2	38.3	52.0	60.4	67.8	76.5	82.2	87.3	87.6	90.3	90.6	90.6	90.6	90.6	90.9	90.9
≥ 300	16.2	38.3	52.0	60.4	67.8	76.5	83.2	88.6	88.9	94.3	95.2	95.3	95.3	95.3	95.6	96.2
≥ 200	16.2	38.3	52.0	60.4	67.8	76.5	83.2	88.9	89.2	95.3	97.3	97.3	97.3	97.3	97.7	98.2
≥ 100	16.2	38.3	52.0	60.4	67.8	76.5	83.6	89.3	89.6	95.6	97.7	97.7	97.7	97.7	98.2	99.2
≥ 0	16.2	38.3	52.0	60.4	67.8	76.5	83.6	89.3	89.6	95.6	97.7	97.7	97.7	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2298

DIRNAVOCEANMET SMOS

H 4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JUN

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	19.4	37.8	42.8	47.8	49.8	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	19.4	36.1	43.8	48.6	51.2	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 18000	19.4	36.1	43.8	48.6	51.2	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 16000	19.7	36.8	44.5	49.5	51.8	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	19.7	37.1	44.8	49.8	52.2	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	19.7	37.1	44.8	49.8	52.2	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	19.1	36.5	45.2	50.2	52.5	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	19.1	36.5	45.2	50.2	52.5	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	19.1	36.5	45.2	50.2	52.5	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 7000	19.1	36.5	45.2	50.2	52.5	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 6000	19.1	36.5	45.2	50.2	52.5	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 5000	19.1	36.5	45.2	50.2	52.5	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4500	19.7	40.1	45.8	50.8	53.2	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 4000	19.7	40.1	45.8	50.8	53.2	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 3500	19.7	40.1	45.8	50.8	53.2	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 3000	20.4	41.1	46.8	51.8	54.5	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 2500	20.4	42.5	48.5	53.5	56.2	56.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 2000	20.7	44.8	51.8	57.9	61.2	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 1800	20.7	44.8	52.2	58.9	62.2	62.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 1500	21.1	46.2	53.9	61.2	65.6	66.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1200	21.1	46.5	55.5	63.2	68.2	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 1000	21.1	46.9	56.9	67.2	72.9	77.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 900	21.1	46.8	57.2	68.6	74.9	79.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 800	21.1	46.8	57.9	69.6	77.3	82.3	84.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 700	21.1	46.8	57.9	70.6	78.9	85.0	89.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6
≥ 600	21.1	46.8	57.9	70.9	79.6	86.3	91.0	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	21.1	46.8	57.9	71.9	79.6	88.0	93.7	94.7	94.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	21.1	46.8	57.9	71.9	79.6	88.3	94.3	95.7	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	21.1	46.8	57.9	71.9	79.6	88.6	95.3	96.3	96.3	98.3	99.3	99.3	99.0	99.0	99.0	99.7
≥ 200	21.1	46.8	57.9	70.9	79.6	88.6	95.3	96.7	96.7	98.7	99.3	99.3	99.3	99.3	99.7	99.7
≥ 100	21.1	46.8	57.9	70.9	79.6	88.6	95.0	96.7	96.7	98.7	99.3	99.3	99.7	99.7	100.0	100.0
0	21.1	46.8	57.9	70.9	79.6	88.6	95.0	96.7	96.7	98.7	99.3	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	JUN

HOURS (LST) 13

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	23.8	56.2	58.2	60.2	62.5	63.2	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 20000	24.1	57.2	59.5	61.9	63.9	64.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 18000	24.4	57.5	59.9	61.9	64.2	64.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	24.4	57.5	59.9	61.9	64.6	65.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	24.4	57.8	60.2	62.2	64.9	65.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	24.4	57.8	60.2	62.2	65.2	65.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	24.4	57.8	60.5	62.5	65.6	66.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	24.4	57.8	60.5	62.5	65.6	66.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	24.4	57.8	60.5	62.5	65.6	66.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	24.4	57.8	60.5	62.5	65.6	66.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	24.4	57.8	60.5	62.5	65.6	66.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	24.4	57.8	60.5	62.5	65.6	66.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	24.4	57.8	60.5	62.5	65.6	66.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4000	24.4	57.8	60.5	62.5	65.6	66.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3500	24.4	57.8	60.5	62.5	65.6	66.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 3000	24.4	57.8	60.9	62.9	65.9	66.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 2500	24.4	51.2	61.9	64.6	67.6	68.2	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2000	24.4	51.8	63.6	66.6	69.6	70.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1800	24.4	51.8	63.6	66.6	69.6	70.2	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1500	24.4	53.5	66.9	70.6	73.6	74.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 1200	24.9	53.9	68.6	72.9	76.3	77.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1000	24.9	55.2	72.6	78.6	82.9	84.6	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	24.9	55.2	72.9	79.3	83.6	85.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	24.9	55.2	72.9	79.9	85.3	87.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	24.9	55.2	73.6	80.6	86.5	89.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	24.9	55.2	73.6	81.3	87.3	90.0	94.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	24.9	55.2	73.6	81.3	87.6	90.6	95.0	97.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	24.9	55.2	73.6	81.6	88.6	91.6	96.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	24.9	55.2	73.6	81.9	89.0	92.3	97.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	24.9	55.2	73.6	81.9	89.3	92.6	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.9	55.2	73.6	81.9	89.3	92.6	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.9	55.2	73.6	81.9	89.3	92.6	97.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

H 4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

711	POINT MUGU, CALIFORNIA	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.8	54.9	65.6	69.2	70.2	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 20000	26.8	55.2	66.6	70.2	71.6	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 14000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 12000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 8000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	26.8	55.5	67.2	70.9	72.2	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 3500	27.1	56.9	67.6	71.2	72.6	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	27.4	56.5	68.2	72.2	73.6	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	27.4	56.9	69.2	73.2	74.9	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	27.8	57.2	69.9	73.9	75.6	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 1800	27.8	57.5	70.2	74.3	75.9	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1500	28.1	59.2	72.9	77.9	80.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	28.1	59.9	74.9	81.3	84.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	28.1	60.9	77.6	84.6	88.6	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	28.1	61.2	77.9	85.0	89.3	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	28.1	61.5	78.3	85.3	90.0	91.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	28.1	62.2	78.9	86.3	91.3	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	28.1	62.2	78.9	87.0	92.3	94.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	28.1	62.2	78.9	87.0	92.3	94.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	28.1	62.2	78.9	87.0	92.6	96.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	28.1	62.2	78.9	87.0	92.6	96.0	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	28.1	62.2	78.9	87.0	92.6	96.0	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	28.1	62.2	78.9	87.0	92.6	96.0	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	28.1	62.2	78.9	87.0	92.6	96.0	98.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) JUN (MONTH)

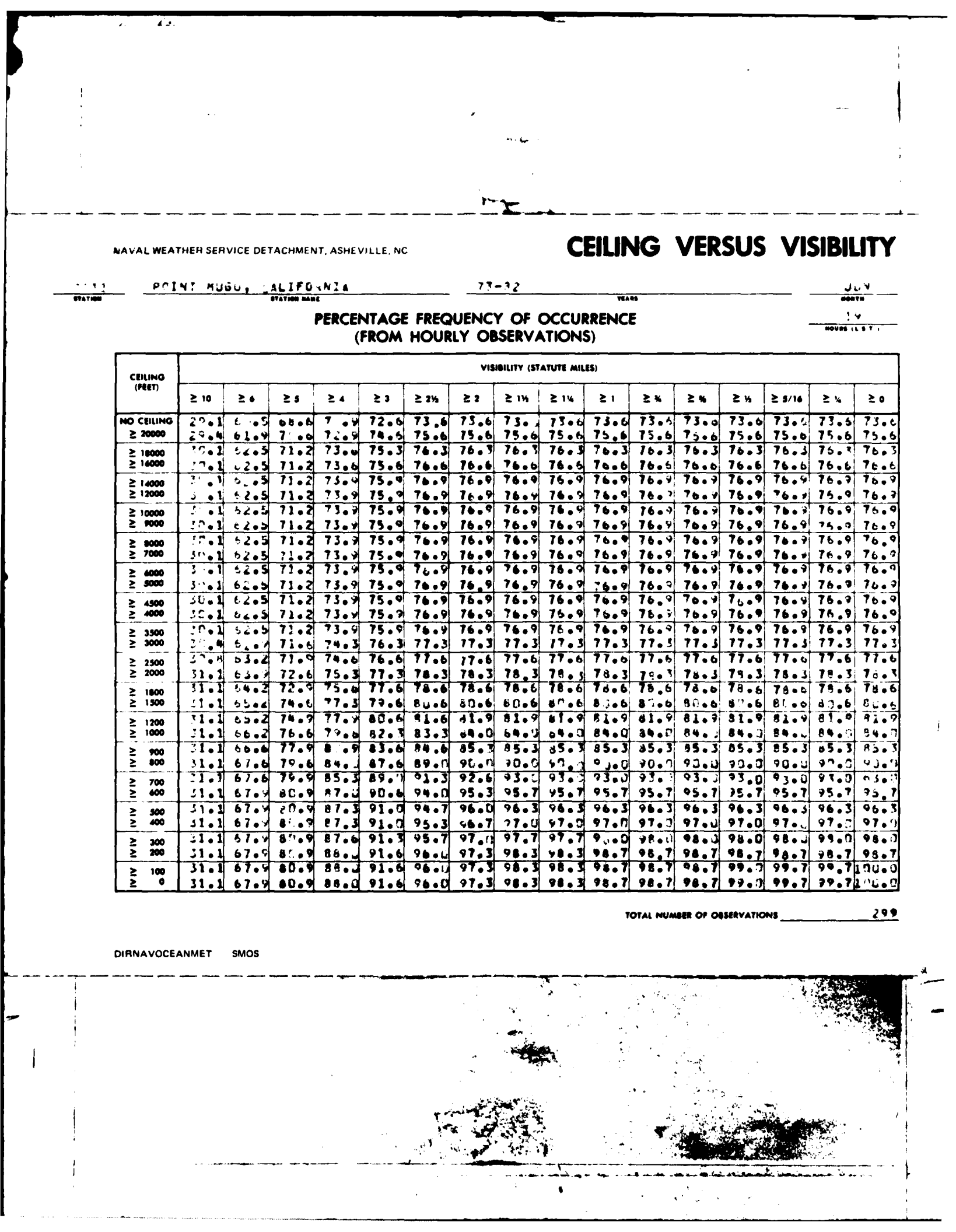
14 (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.1	61.5	68.6	72.9	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 20000	29.4	61.9	71.0	72.9	74.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 18000	30.1	62.5	71.2	73.6	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	30.1	62.5	71.2	73.6	75.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 12000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 10000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 9000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4500	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	30.1	62.5	71.2	73.9	75.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3000	30.8	63.2	71.6	74.3	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 2500	30.8	63.2	71.9	74.6	76.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000	31.1	63.5	72.6	75.3	77.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	31.1	64.2	72.9	75.6	77.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1500	31.1	65.4	74.0	77.3	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	31.1	65.2	74.9	77.9	80.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1000	31.1	66.2	76.6	79.6	82.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 900	31.1	66.6	77.9	81.9	83.6	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	31.1	67.6	79.6	84.3	87.6	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	31.1	67.6	79.9	85.3	89.0	91.3	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 600	31.1	67.9	80.9	87.0	90.6	94.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	31.1	67.9	80.9	87.3	91.0	94.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	31.1	67.9	80.9	87.3	91.0	95.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	31.1	67.9	80.9	87.6	91.3	95.7	97.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	99.0	98.0
≥ 200	31.1	67.9	80.9	88.0	91.6	96.0	97.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	31.1	67.9	80.9	88.0	91.6	96.0	97.3	98.3	98.3	98.7	98.7	98.7	99.0	99.7	99.7	100.0
0	31.1	67.9	80.9	88.0	91.6	96.0	97.3	98.3	98.3	98.7	98.7	98.7	99.0	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
11	POINT HUGU, CALIFORNIA	73-82	JUN

HOURS (L S T) 22

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.2	59.1	66.8	68.1	69.9	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 20000	27.2	59.7	67.5	68.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	27.9	60.1	67.8	69.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	27.9	60.4	68.1	69.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	27.9	60.4	68.1	69.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	27.9	60.4	68.1	69.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	29.5	64.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	29.5	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	28.9	62.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	28.9	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 6000	28.9	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	28.9	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	28.9	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	28.9	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3500	28.9	61.1	68.8	70.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 3000	28.9	61.4	69.1	70.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500	28.9	61.4	69.1	70.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	28.9	62.8	70.8	72.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1800	28.9	62.8	70.8	72.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1500	29.2	63.4	71.5	73.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200	29.2	64.1	72.2	73.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1000	29.2	65.1	74.2	76.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 900	29.5	65.8	75.5	78.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 800	29.9	67.5	78.2	81.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 700	29.9	67.8	80.2	84.9	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	29.9	68.1	81.2	86.2	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	29.9	68.1	81.2	87.3	91.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 400	29.9	68.1	81.2	87.3	91.6	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	29.9	68.1	81.2	87.3	91.6	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	29.9	68.1	81.2	87.6	92.3	94.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 100	29.9	68.1	81.2	87.6	92.3	94.0	96.6	96.6	96.6	97.3	97.3	97.7	98.0	98.0	99.0	99.3
≥ 0	29.9	68.1	81.2	87.6	92.3	94.0	96.6	96.6	96.6	97.3	98.0	98.3	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 298

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JUL

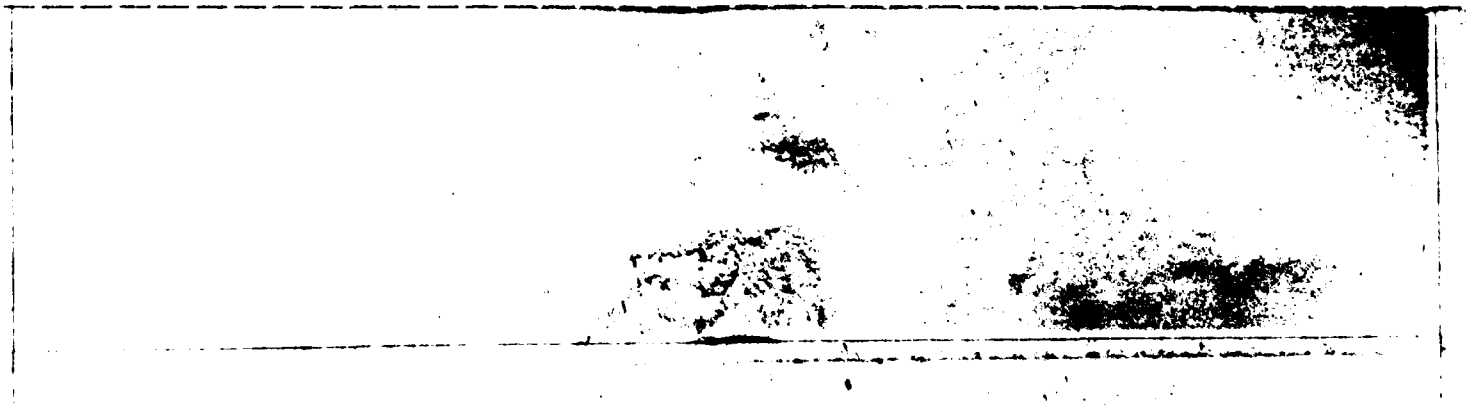
HOURS (L S T) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.4	47.4	55.5	[illegible]	59.4	60.0	60.2	60.3	60.3	60.3	60.3	6 .2	6 .4	60.4	6 .8	6 .8
≥ 20000	21.5	48.1	56.6	59.2	60.5	61.1	61.3	61.4	61.4	61.5	61.5	61.	61.6	61.6	61.6	61.6
≥ 18000	21.8	48.4	56.9	59.4	6 .8	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.	61.9
≥ 16000	21.8	48.5	57.0	59.5	61.2	61.8	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3
≥ 14000	21.9	48.7	57.2	59.7	61.4	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
≥ 12000	21.9	48.7	57.2	59.7	61.4	62.0	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 10000	22.1	48.9	57.4	6 .0	61.7	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 9000	22.1	48.9	57.4	6 .0	61.7	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 8000	22.1	48.9	57.5	60.0	61.7	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 7000	22.1	48.9	57.5	60.0	61.7	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8
≥ 6000	22.1	48.9	57.5	6 .0	61.7	62.3	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9	62.9
≥ 5000	22.1	48.9	57.5	6 .0	61.7	62.3	62.6	62.7	62.7	62.8	62.9	62.8	62.8	62.8	62.9	62.9
≥ 4500	22.2	49.0	57.5	60.1	61.8	62.3	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4000	22.2	49.0	57.5	60.1	61.8	62.3	62.7	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3500	22.3	49.1	57.6	6 .2	61.9	62.4	62.8	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
≥ 3000	22.6	49.6	58.2	6 .8	62.5	63.1	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 2500	22.9	50.2	58.9	61.6	63.4	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
≥ 2000	23.0	51.3	60.6	63.5	65.4	66.0	66.4	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6
≥ 1800	23.1	51.6	61.0	64.1	66.0	66.6	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1500	23.2	52.9	63.	66.7	69.2	69.9	70.5	70.5	70.5	70.6	70.6	70.6	70.7	70.7	7 .7	7 .7
≥ 1200	23.3	53.4	64.2	66.3	71.3	72.1	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
≥ 1000	23.4	54.5	66.6	71.8	75.3	76.7	77.6	77.8	77.8	77.9	78.	78.0	78.0	78.0	78.0	78.0
≥ 900	23.5	54.7	67.3	72.8	76.6	78.0	79.1	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.5
≥ 800	23.5	55.4	68.7	74.7	79.4	81.2	82.6	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3
≥ 700	23.5	56.1	70.0	76.8	82.2	84.7	86.8	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.8
≥ 600	23.5	56.4	7 .6	77.8	83.6	86.6	89.2	89.9	89.9	90.2	90.3	90.3	90.3	90.3	90.4	90.4
≥ 500	23.5	56.4	70.7	78.2	84.6	88.1	91.1	92.0	92.1	92.5	92.6	92.6	92.6	92.6	92.7	92.7
≥ 400	23.5	56.4	70.9	78.5	85.3	89.2	92.5	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.7	94.7
≥ 300	23.5	56.4	70.9	78.5	85.4	89.5	93.6	95.2	95.3	96.4	96.6	96.6	96.7	96.7	96.7	96.8
≥ 200	23.5	56.4	70.9	78.6	85.6	89.8	94.1	96.0	96.2	97.4	97.8	97.8	97.9	97.9	98.1	98.1
≥ 100	23.5	56.4	70.9	78.6	85.6	89.8	94.3	96.2	96.4	97.8	98.3	98.4	98.7	98.7	99.0	99.2
≥ 0	23.5	56.4	70.9	78.6	85.6	89.8	94.3	96.2	96.4	97.9	98.4	98.5	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2590

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | POINT MUGU, CALIFORNIA | 73-82 | JUL

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.3	46.6	53.6	58.4	67.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 20000	11.3	47.1	53.9	58.4	67.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	11.3	47.1	53.9	58.4	67.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 16000	11.3	47.1	53.9	58.4	67.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	11.3	47.1	53.9	58.4	67.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 10000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 9000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 8000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4500	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3500	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2500	11.3	48.1	54.8	59.4	68.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 2000	11.3	48.7	55.5	60.3	69.3	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1800	11.3	48.7	55.5	60.3	69.3	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 1500	11.3	49.7	56.5	61.0	70.2	72.2	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 1200	11.6	50.3	57.4	61.9	71.2	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1000	11.9	51.9	59.7	64.8	74.1	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 900	11.9	51.9	60.3	65.8	75.1	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 800	11.9	53.6	62.6	68.7	78.6	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 700	12.3	54.9	64.5	71.9	82.1	84.1	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 600	12.3	55.5	66.5	74.5	85.1	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	12.3	55.9	67.1	75.2	86.1	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 400	12.3	55.8	67.4	76.1	86.8	88.8	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 300	12.3	56.1	67.7	76.5	86.5	87.4	91.0	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 200	12.3	56.1	67.7	77.4	87.4	88.4	92.6	92.6	92.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 100	12.3	56.1	67.7	77.4	87.4	88.4	93.2	93.9	93.9	95.5	95.5	95.5	97.4	97.4	97.7	97.7
≥ 0	12.3	56.1	67.7	77.4	87.4	88.4	93.2	93.9	93.9	95.5	95.5	95.5	97.7	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 (STATION) | POINT HUGO, CALIFORNIA (STATION NAME) | 73-72 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

4 (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	6.5	29.4	37.1	42.3	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.8	46.9
≥ 20000	6.8	29.7	37.4	42.6	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.1	47.1
≥ 18000	6.8	29.7	37.4	42.6	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.1	47.1
≥ 16000	6.8	29.7	37.4	42.6	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.1	47.1
≥ 14000	6.8	30.0	37.7	42.9	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.4	47.4
≥ 12000	6.8	30.7	38.4	43.6	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.1	48.1
≥ 10000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 9000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 8000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 7000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 6000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 5000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 4500	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 4000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 3500	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 3000	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 2500	6.8	31.0	38.7	44.2	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7
≥ 2000	6.8	31.3	39.0	44.5	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0
≥ 1800	6.8	31.3	39.0	44.5	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0	49.0
≥ 1500	6.8	32.0	40.3	45.8	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3	50.3
≥ 1200	7.1	35.9	43.2	48.7	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.2	53.2
≥ 1000	7.4	35.8	46.1	52.3	57.1	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4
≥ 900	7.4	35.8	46.8	52.9	58.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7	59.7
≥ 800	7.7	36.7	49.7	57.1	63.9	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5
≥ 700	7.7	39.4	51.6	59.4	68.1	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.7	70.7
≥ 600	8.1	39.7	52.6	60.3	70.3	71.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9
≥ 500	8.4	40.0	54.2	62.3	73.9	74.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	78.1	78.1
≥ 400	8.4	40.3	54.5	63.6	76.5	77.4	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9	81.9
≥ 300	8.4	40.3	54.5	63.6	77.4	78.7	85.5	86.1	86.1	86.5	86.5	86.5	86.5	86.5	87.1	87.1
≥ 200	8.4	40.0	54.8	63.9	77.7	79.0	87.4	89.0	89.3	89.7	89.7	89.7	91.0	91.0	91.6	91.6
≥ 100	8.4	40.0	55.2	64.2	78.1	79.7	88.1	89.7	89.7	92.3	92.6	92.6	95.2	95.2	96.5	96.5
0	8.4	40.0	55.2	64.2	78.1	79.7	88.1	89.7	89.7	92.3	92.6	92.6	95.8	96.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 312

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.2	17.1	26.9	32.4	35.6	37.2	37.5	37.5	37.5	38.5	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	4.2	17.4	27.2	32.7	35.9	37.5	37.9	37.9	37.9	38.8	39.2	39.2	39.2	39.2	39.2	39.2
≥ 18000	4.2	17.4	27.2	32.7	35.9	37.5	37.9	37.9	37.9	38.8	39.2	39.2	39.2	39.2	39.2	39.2
≥ 16000	4.2	17.4	27.2	32.7	35.9	37.5	37.9	37.9	37.9	38.8	39.2	39.2	39.2	39.2	39.2	39.2
≥ 14000	4.2	20.1	28.5	34.0	37.2	38.8	39.2	39.2	39.2	40.1	40.5	40.5	40.5	40.5	40.5	40.5
≥ 12000	4.2	20.1	28.5	34.0	37.2	38.8	39.2	39.2	39.2	40.1	40.5	40.5	40.5	40.5	40.5	40.5
≥ 10000	4.2	20.1	28.5	34.0	37.2	38.8	39.2	39.2	39.2	40.1	40.5	40.5	40.5	40.5	40.5	40.5
≥ 9000	4.2	20.1	28.5	34.0	37.2	38.8	39.2	39.2	39.2	40.1	40.5	40.5	40.5	40.5	40.5	40.5
≥ 8000	4.2	20.4	28.8	34.3	37.5	39.2	39.5	39.5	39.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8
≥ 7000	4.2	20.4	28.8	34.3	37.5	39.2	39.5	39.5	39.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8
≥ 6000	4.2	20.4	28.8	34.3	37.9	39.5	39.8	39.8	39.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 5000	4.2	20.4	28.8	34.3	37.9	39.5	39.8	39.8	39.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 4500	4.2	20.4	28.8	34.3	37.9	39.5	39.8	39.8	39.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 4000	4.2	20.4	28.8	34.3	37.9	39.5	39.8	39.8	39.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 3500	4.2	20.4	28.8	34.3	37.9	39.5	39.8	39.8	39.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
≥ 3000	4.5	20.7	29.1	34.6	38.2	39.8	40.1	40.1	40.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4
≥ 2500	4.5	20.7	29.1	34.6	38.2	39.8	40.1	40.1	40.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4
≥ 2000	4.5	21.0	29.8	35.6	39.2	40.8	41.1	41.1	41.1	42.1	42.4	42.4	42.4	42.4	42.4	42.4
≥ 1800	4.5	21.0	30.1	36.3	39.8	41.4	41.8	41.8	41.8	42.7	43.0	43.0	43.0	43.0	43.0	43.0
≥ 1500	4.5	22.7	31.7	38.6	43.0	45.1	46.9	46.9	46.9	48.9	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1200	4.5	22.3	32.7	40.1	45.3	47.6	48.9	48.9	48.9	49.8	50.2	50.2	50.2	50.2	50.2	50.2
≥ 1000	4.5	24.3	34.0	42.4	48.9	52.1	53.7	54.4	54.4	55.3	55.7	55.7	55.7	55.7	55.7	55.7
≥ 900	4.5	24.3	34.3	43.0	50.2	53.4	55.3	56.0	56.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3
≥ 800	4.5	24.6	35.3	45.6	54.7	59.6	61.8	62.5	62.5	63.8	64.1	64.1	64.1	64.1	64.1	64.1
≥ 700	4.5	24.9	35.9	47.6	56.6	62.8	67.0	68.0	68.0	69.3	69.6	69.6	69.6	69.6	69.6	69.6
≥ 600	4.5	24.9	35.9	47.6	57.6	64.7	70.6	72.2	72.2	73.5	73.8	73.8	74.1	74.1	74.1	74.1
≥ 500	4.5	24.9	35.9	47.9	58.3	65.7	72.5	74.8	74.8	76.4	76.7	76.7	77.0	77.0	77.0	77.0
≥ 400	4.5	24.9	35.9	47.9	58.3	66.3	73.5	76.7	76.7	79.9	80.3	80.3	80.6	80.6	80.6	80.6
≥ 300	4.5	24.9	35.9	47.9	58.6	66.7	75.1	79.6	79.9	84.5	84.8	85.1	85.4	85.4	85.4	85.4
≥ 200	4.5	24.9	35.9	47.9	58.6	66.7	75.1	80.3	80.6	86.7	89.1	89.4	91.3	91.9	92.2	92.2
≥ 100	4.5	24.9	35.9	47.9	58.6	66.7	75.1	80.3	80.6	88.7	92.2	92.6	95.2	96.8	98.1	99.0
≥ 0	4.5	24.9	35.9	47.9	58.6	66.7	75.1	80.3	80.6	88.7	92.2	92.6	95.5	97.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 53-62 | MONTH: JUL | HOURS (L S T): [illegible]

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	7.1	27.2	39.2	44.3	49.5	51.5	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	7.1	27.5	39.5	44.7	49.8	51.8	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	7.1	27.5	39.5	44.7	49.8	51.8	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	7.1	27.5	39.5	44.7	49.8	51.8	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000	7.1	27.5	39.5	45.0	50.5	52.4	53.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	7.1	28.2	40.1	46.0	51.5	53.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	7.1	28.2	40.1	46.3	51.8	53.7	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	7.1	28.2	40.1	46.3	51.8	53.7	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 5000	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4500	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3500	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 3000	7.4	28.5	40.5	46.6	52.1	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2500	7.4	29.1	41.4	47.6	53.1	55.0	56.3	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 2000	7.4	29.5	41.8	47.9	53.7	55.7	57.0	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 1800	7.4	29.5	42.1	48.5	54.4	56.3	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1500	7.8	31.4	44.0	51.5	58.3	61.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 1200	7.8	32.7	46.3	53.1	60.8	65.4	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 1000	7.8	32.7	46.3	56.3	67.0	72.8	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 900	7.8	32.7	46.3	56.3	67.3	73.8	76.1	77.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
≥ 800	7.8	32.7	46.3	57.0	68.9	76.4	80.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 700	7.8	32.7	46.3	57.9	69.9	79.6	84.8	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 600	7.8	32.7	46.3	57.9	70.6	80.9	86.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 500	7.8	32.7	46.3	57.9	71.2	82.9	89.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 400	7.8	32.7	46.6	58.3	71.5	83.2	90.0	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	7.8	32.7	46.6	58.3	71.8	83.8	91.6	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.7
≥ 200	7.8	32.7	46.6	58.3	71.8	83.8	91.9	97.4	97.4	98.7	99.0	99.0	99.0	99.0	99.0	99.4
≥ 100	7.8	32.7	46.6	58.3	71.8	83.8	92.2	97.7	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.7
≥ 0	7.8	32.7	46.6	58.3	71.8	83.8	92.2	97.7	97.7	99.0	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

__ STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-82 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 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	12.9	37.5	49.5	55.7	62.8	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	12.9	39.2	51.5	57.6	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	12.9	39.2	51.5	57.6	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	12.9	39.2	51.5	57.6	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 14000	12.9	39.2	51.5	57.6	64.7	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	12.9	39.5	52.1	58.3	65.4	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 8000	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 6000	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	12.9	39.5	52.1	58.6	65.7	67.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4000	12.9	39.8	52.4	58.9	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	12.9	39.8	52.4	58.9	66.0	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3000	12.9	40.5	53.1	59.6	66.7	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 2500	12.9	41.1	53.7	60.2	67.3	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2000	12.9	41.1	54.1	60.5	67.6	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1800	12.9	41.1	54.1	60.5	67.6	68.9	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1500	12.9	42.4	56.0	64.1	71.5	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1200	12.9	42.7	57.3	67.0	74.8	77.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1000	12.9	43.4	58.3	68.6	78.6	82.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 900	12.9	43.4	58.9	69.9	80.3	84.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	12.9	44.0	59.6	71.5	81.9	86.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	13.6	44.3	60.5	73.1	84.5	90.0	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	13.6	44.3	60.5	73.5	85.4	92.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	13.6	44.3	60.5	73.5	86.1	93.2	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	13.6	44.3	60.5	73.8	86.4	93.5	98.1	99.0	99.0	99.1	99.1	99.1	99.0	99.1	99.1	99.0
≥ 300	13.6	44.3	60.5	73.8	86.7	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	13.6	44.3	60.5	73.8	86.7	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	13.6	44.3	60.5	73.8	86.7	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	13.6	44.3	60.5	73.8	86.7	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 329

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: JUL | HOURS (LST): 16

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.4	5 .3	63.9	71.	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 20000	17.4	51.	64.5	71.6	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.	78.4	78.4	78.4	78.4
≥ 18000	17.4	51.0	64.5	71.6	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	17.4	51.0	64.5	71.6	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	17.4	51.3	64.8	71.9	78.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	17.4	51.3	64.8	71.9	78.1	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 10000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	17.4	51.3	65.2	72.6	78.7	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	17.4	51.3	65.2	72.9	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	17.4	51.3	65.2	72.9	79.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	17.4	51.6	65.5	73.2	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.	80.0	80.0	80.0	80.0
≥ 1800	17.4	51.6	65.5	73.2	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	17.4	51.9	66.5	74.8	81.3	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	17.4	51.9	66.5	76.1	82.6	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	17.4	52.6	67.7	78.7	85.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	17.4	52.6	67.7	78.7	85.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	17.4	53.2	68.7	8 .3	87.4	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	17.4	53.6	69.4	81.6	88.4	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	17.4	53.6	69.7	81.9	90.0	93.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	17.4	53.6	69.7	82.3	91.3	94.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	17.4	53.6	7 .3	82.6	91.6	96.1	98.7	99.1	99.1	99.1	99.	99.1	99.0	99.1	99.1	99.1
≥ 300	17.4	53.6	70.0	82.6	91.9	96.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	17.4	53.6	70.0	82.6	92.3	96.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	17.4	53.6	7 .3	82.6	92.3	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	17.4	53.6	7 .3	82.6	92.3	96.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

D
4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.4	57.1	68.1	73.[illegible]	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 20000	17.7	57.7	69.[illegible]	74.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 18000	17.7	57.7	69.0	74.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 16000	17.7	57.7	69.[illegible]	74.8	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	17.7	58.4	69.7	75.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	17.7	58.7	70.[illegible]	75.8	79.[illegible]	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	17.7	58.7	70.[illegible]	76.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	17.7	58.7	70.0	76.1	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	17.7	59.0	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	17.7	59.0	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3500	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1800	17.7	59.[illegible]	70.3	76.5	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 1500	17.7	59.7	71.3	77.4	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1200	17.7	60.[illegible]	71.6	78.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000	17.7	60.[illegible]	72.3	79.4	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6
≥ 900	17.7	61.[illegible]	72.9	80.0	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5
≥ 800	17.7	61.9	73.4	81.9	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5
≥ 700	17.1	62.3	74.8	83.2	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7
≥ 600	18.4	62.6	75.5	84.[illegible]	89.7	90.7	91.3	91.3	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6
≥ 500	18.4	62.9	75.8	85.2	91.[illegible]	91.9	93.6	93.6	93.[illegible]	93.6	93.6	93.9	93.9	93.9	93.9	93.9
≥ 400	18.4	62.9	75.8	85.2	91.[illegible]	92.9	94.2	94.6	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2
≥ 300	18.4	62.9	75.8	85.8	91.6	92.9	95.2	95.8	96.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	18.4	62.9	75.8	85.8	91.6	93.9	96.1	96.8	97.1	98.1	99.[illegible]	99.[illegible]	99.0	99.[illegible]	99.[illegible]	99.[illegible]
≥ 100	18.4	62.9	75.8	85.8	91.6	93.9	96.1	97.1	97.4	98.4	99.4	99.4	99.4	99.4	99.4	99.7
≥ 0	18.4	62.9	75.8	85.8	91.6	93.9	96.1	97.1	97.4	98.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NAME: [illegible], CALIFORNIA YEARS: 73-82 MONTH: JUL

HOURS (L S T): 22

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	66.	69.0	72.5	72.5	[illegible]	72.5	72.5	72.5	72.5	72.5	72.5	72.5	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	67.	[illegible]	73.8	73.8	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	[illegible]	[illegible]	67.0	[illegible]	73.9	73.8	73.9	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	[illegible]	[illegible]	67.0	[illegible]	73.9	73.8	73.8	73.9	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	[illegible]	[illegible]	67.	[illegible]	73.8	73.8	[illegible]	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	[illegible]	[illegible]	67.6	71.9	74.4	74.4	74.4	74.4	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 10000	[illegible]	63.1	[illegible]	71.8	74.9	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 9000	[illegible]	63.1	[illegible]	71.8	74.9	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	[illegible]	63.1	65.0	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 7000	[illegible]	63.1	[illegible]	71.8	74.8	74.8	[illegible]	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	[illegible]	63.1	64.	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	[illegible]	75.1
≥ 5000	[illegible]	63.1	[illegible]	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	[illegible]	63.1	65.0	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	[illegible]	63.1	[illegible]	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	[illegible]	63.1	[illegible]	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	[illegible]	63.1	64.	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	[illegible]	63.1	64.	71.8	74.8	74.8	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2000	[illegible]	63.8	64.6	72.5	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1800	[illegible]	63.8	64.6	72.5	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1500	[illegible]	64.4	65.6	73.5	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1200	[illegible]	[illegible]	[illegible]	74.1	77.1	77.0	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1000	[illegible]	66.7	71.5	75.4	78.3	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 900	[illegible]	66.8	72.2	75.1	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 800	[illegible]	66.7	73.1	76.0	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 700	[illegible]	67.6	75.1	81.2	84.5	84.5	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 600	[illegible]	66.7	76.7	83.8	87.1	87.1	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	[illegible]	68.6	77.2	84.5	88.1	88.4	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 400	[illegible]	66.7	77.4	84.8	88.7	89.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	91.6	91.6
≥ 300	[illegible]	66.9	77.7	85.1	90.0	90.9	93.2	93.5	93.5	93.9	94.2	94.2	94.5	94.8	94.8	94.8
≥ 200	[illegible]	66.9	77.7	85.4	91.3	91.3	93.5	93.9	93.9	95.5	95.8	95.8	96.1	96.4	96.4	96.4
≥ 100	[illegible]	66.9	77.7	85.4	91.6	91.6	93.9	94.2	94.2	96.4	97.1	97.1	98.1	98.4	98.4	98.7
0	[illegible]	66.9	77.7	85.4	91.6	91.6	93.9	94.5	94.5	97.1	97.7	97.7	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	JUL

HOURS (LST) ALL

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	11.[illegible]	41.[illegible]	50.5	55.[illegible]	60.[illegible]	60.7	61.1	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	11.9	41.7	51.3	56.7	61.[illegible]	61.6	62.0	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 18000	11.9	41.7	51.3	56.7	60.9	61.6	62.[illegible]	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	11.[illegible]	41.7	51.3	56.7	60.9	61.6	62.[illegible]	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	11.[illegible]	42.0	51.6	57.0	61.3	62.0	62.4	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 12000	11.9	42.4	52.1	57.[illegible]	61.8	62.6	62.9	63.0	63.0	63.2	63.[illegible]	63.2	63.2	63.2	63.3	63.3
≥ 10000	11.[illegible]	42.5	52.2	57.[illegible]	62.2	62.[illegible]	63.3	63.3	63.3	63.5	63.5	63.5	63.5	63.[illegible]	63.6	63.6
≥ 9000	11.9	42.5	52.2	57.[illegible]	62.2	62.9	63.3	63.3	63.3	63.5	63.[illegible]	63.5	63.5	63.5	63.6	63.6
≥ 8000	11.9	42.6	52.3	58.[illegible]	62.3	63.[illegible]	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	11.9	42.6	52.3	58.3	62.3	63.0	63.4	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 6000	11.[illegible]	42.6	52.3	58.0	62.3	63.1	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	11.9	42.6	52.3	58.[illegible]	62.3	63.1	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4500	11.9	42.6	52.3	58.3	62.3	63.1	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 4000	11.9	42.7	52.3	58.[illegible]	62.4	63.1	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.9	63.9
≥ 3500	11.9	42.7	52.3	58.0	62.4	63.1	63.5	63.5	63.[illegible]	63.7	63.7	63.7	63.7	63.7	63.9	63.9
≥ 3000	12.[illegible]	42.8	52.5	58.[illegible]	62.5	63.3	63.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 2500	12.[illegible]	42.9	52.7	58.4	62.7	63.5	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 2000	12.[illegible]	43.3	53.1	58.8	63.2	63.9	64.3	64.4	64.4	64.[illegible]	64.6	64.6	64.6	64.6	64.6	64.6
≥ 1800	12.0	43.5	53.2	59.[illegible]	63.4	64.1	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8
≥ 1500	12.1	44.4	54.5	60.9	65.5	66.6	67.0	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 1200	12.2	44.9	55.4	62.5	67.4	68.7	69.3	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6
≥ 1000	12.4	45.6	57.[illegible]	64.7	70.7	72.5	73.4	73.6	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 900	12.4	46.[illegible]	57.4	65.4	71.6	73.6	74.6	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 800	12.4	46.9	58.6	67.7	74.6	77.1	78.4	78.7	78.7	78.9	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]
≥ 700	12.4	47.5	59.8	69.4	76.9	80.1	82.0	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 600	12.[illegible]	47.7	60.5	70.5	78.9	82.7	85.3	85.8	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2
≥ 500	12.7	47.9	6[illegible].9	71.[illegible]	80.[illegible]	84.2	87.5	88.3	88.[illegible]	88.5	88.6	88.6	88.7	88.7	88.7	88.7
≥ 400	12.7	47.9	61.[illegible]	71.6	81.1	85.4	89.2	90.4	90.4	90.9	91.0	91.[illegible]	91.[illegible]	91.0	91.[illegible]	91.[illegible]
≥ 300	12.7	47.9	61.1	71.7	81.8	86.4	91.2	92.7	92.9	93.7	93.9	93.9	94.1	94.1	94.2	94.2
≥ 200	12.7	47.9	61.2	71.[illegible]	82.1	86.8	91.8	93.7	93.7	95.2	95.7	95.8	96.2	96.4	96.5	96.5
≥ 100	12.7	47.9	61.2	71.[illegible]	82.2	86.9	92.1	94.1	94.1	96.3	97.[illegible]	97.1	98.1	98.3	99.7	98.9
≥ 0	12.7	47.9	61.2	71.[illegible]	82.2	86.9	92.1	94.1	94.2	96.4	97.1	97.2	98.4	98.4	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2476

DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
11	POINT MUGU, CALIFORNIA	77-82	AUG

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	38.7	44.2	47.4	50.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.
≥ 20000	5.5	38.7	44.2	46.4	50.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.3
≥ 18000	5.5	39.0	44.5	46.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000	5.5	39.0	44.5	46.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 14000	5.5	39.4	44.9	50.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 12000	5.5	39.7	45.2	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.	51.0
≥ 10000	5.5	39.7	45.2	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	5.5	39.7	45.2	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 8000	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 6000	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 5000	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4500	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4000	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3500	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 3000	5.5	39.7	45.2	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 2500	5.5	41.0	45.5	51.1	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 2000	5.8	41.3	45.8	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 1800	5.8	40.3	46.5	51.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 1500	5.8	41.0	47.4	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 1200	5.8	41.3	47.7	53.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1000	5.8	42.6	51.1	56.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 900	5.8	42.9	51.4	57.1	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 800	5.8	44.8	55.2	63.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 700	5.8	45.1	57.7	67.4	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 600	5.8	46.5	59.4	70.0	74.2	74.5	74.8	74.8	74.9	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 500	5.8	47.4	61.8	72.9	79.4	80.0	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 400	5.8	47.7	61.9	75.2	83.2	84.5	86.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 300	5.8	47.7	62.3	76.1	85.8	88.1	91.0	91.9	91.9	91.9	92.3	92.3	92.6	92.6	92.6	92.6
≥ 200	5.8	47.7	62.3	76.1	86.5	89.0	92.6	94.5	94.5	94.8	95.5	95.5	95.8	95.8	95.8	95.8
≥ 100	5.9	47.7	62.3	76.1	86.5	89.0	92.9	95.5	95.5	96.5	97.1	97.1	97.4	98.1	98.1	98.1
0	5.8	47.7	62.3	76.1	86.5	89.0	92.9	95.5	95.5	96.5	97.1	97.1	97.4	98.1	98.7	100.

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NAME: POINT MUGU, CALIFORNIA YEARS: 77-82 MONTH: AUG

HOURS (L S T): [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.6	26.6	32.9	37.7	39.4	39.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	41.0	41.0
≥ 20000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.3	41.3	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 18000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 16000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 14000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 12000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 10000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 9000	3.6	27.1	33.6	38.4	40.0	40.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.6	41.6
≥ 8000	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 7000	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 6000	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 5000	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 4500	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 4000	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 3500	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	42.3	42.3
≥ 3000	3.6	27.4	33.9	38.7	40.7	40.7	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.6	42.6
≥ 2500	3.6	27.7	34.5	39.4	41.6	41.6	42.6	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.6	43.6
≥ 2000	4.2	28.4	35.5	40.3	42.6	42.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.5	44.5
≥ 1800	4.2	28.7	36.8	41.6	43.9	43.9	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.8	45.8
≥ 1500	4.2	29.7	38.7	43.6	46.1	46.1	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.4	48.4
≥ 1200	4.2	30.0	39.4	44.5	47.1	47.1	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.4	49.4
≥ 1000	4.2	31.3	41.6	46.7	51.9	51.9	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.2	54.2
≥ 900	4.2	31.7	41.9	49.4	53.2	53.2	54.5	54.8	54.8	54.6	54.8	54.8	54.8	54.8	55.5	55.5
≥ 800	4.2	31.8	44.2	52.8	59.4	59.4	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.6	61.6
≥ 700	4.2	31.9	45.5	54.8	63.6	63.9	65.5	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.8	66.8
≥ 600	4.5	32.8	46.5	57.1	67.4	68.1	70.3	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.9	71.9
≥ 500	4.5	33.2	48.4	61.3	72.9	74.2	76.8	77.4	77.4	77.7	77.7	77.7	77.7	77.7	78.4	78.4
≥ 400	4.5	33.2	48.7	61.3	74.8	76.8	82.3	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.9	83.9
≥ 300	4.5	33.2	49.0	61.3	75.8	78.7	85.8	87.1	87.1	88.1	88.1	88.1	88.1	88.1	88.7	88.7
≥ 200	4.5	33.2	49.0	61.3	75.8	79.4	87.7	89.7	90.3	92.3	93.2	93.2	93.2	93.2	93.9	94.2
≥ 100	4.5	33.2	49.0	61.3	75.8	79.4	87.7	90.0	90.3	93.2	95.2	95.5	95.8	96.1	96.8	97.1
0	4.5	33.2	49.0	61.3	75.8	79.4	87.7	90.0	90.3	93.2	95.2	95.5	95.8	96.8	97.4	98.1

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
1	POINT MUGU, CALIFORNIA	73-92	AUG

HOURS (LST) 7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.5	17.2	23.4	27.3	30.5	31.2	32.1	32.1	32.5	32.8	32.8	32.8	32.8	32.8	32.8	33.4
≥ 20000	5.5	17.2	23.4	27.3	30.5	31.2	32.1	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.8
≥ 18000	5.5	17.2	23.4	27.3	30.5	31.2	32.1	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.8
≥ 16000	5.5	17.2	23.4	27.3	30.5	31.2	32.1	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.8
≥ 14000	5.8	17.9	24.0	27.9	31.2	31.8	32.8	33.1	33.4	33.8	33.8	33.8	33.8	33.8	33.8	34.4
≥ 12000	5.8	17.9	24.0	27.9	31.2	31.8	32.8	33.1	33.4	33.8	33.8	33.8	33.8	33.8	33.8	34.4
≥ 10000	5.8	18.5	24.7	28.6	31.8	32.5	33.4	33.8	34.1	34.4	34.4	34.4	34.4	34.4	34.4	35.1
≥ 9000	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 8000	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 7000	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 6000	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 5000	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 4500	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 4000	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 3500	5.8	18.8	25.0	28.9	32.1	32.8	33.8	34.1	34.4	34.7	34.7	34.7	34.7	34.7	34.7	35.4
≥ 3000	6.2	19.2	25.7	29.6	32.8	33.4	34.4	34.7	35.1	35.4	35.4	35.4	35.4	35.4	35.4	36.0
≥ 2500	6.2	19.2	26.1	29.9	33.4	34.1	35.1	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.7
≥ 2000	6.2	19.5	27.0	31.8	35.7	36.7	37.7	38.0	38.3	38.6	38.6	38.6	38.6	38.6	38.6	39.3
≥ 1800	6.2	19.6	27.3	32.1	36.0	37.0	38.0	38.3	38.6	38.9	38.9	38.9	38.9	38.9	38.9	39.6
≥ 1500	7.1	21.1	28.9	34.1	39.3	40.3	41.2	41.9	42.2	42.5	42.5	42.5	42.5	42.5	42.5	43.2
≥ 1200	7.1	21.4	29.6	35.1	40.6	41.9	42.9	43.8	44.2	44.5	44.5	44.5	44.5	44.5	44.5	45.1
≥ 1000	7.1	21.8	31.5	37.3	44.5	45.8	47.4	49.4	49.7	50.3	50.3	50.3	50.3	50.3	50.3	51.0
≥ 900	7.1	22.1	31.2	37.7	45.1	47.4	49.7	52.0	52.3	53.3	53.3	53.3	53.3	53.3	53.3	53.9
≥ 800	7.1	22.4	31.5	38.6	48.7	51.6	54.9	57.5	57.8	58.8	58.8	58.8	58.8	58.8	58.8	59.4
≥ 700	7.1	22.7	32.8	40.6	52.3	55.2	59.7	63.6	64.2	64.9	65.6	65.6	65.6	65.6	65.6	66.2
≥ 600	7.1	23.1	33.4	41.9	53.9	57.8	64.3	68.8	69.2	70.5	71.1	71.1	71.4	71.4	71.4	72.1
≥ 500	7.1	23.1	33.4	42.5	54.6	59.1	66.9	72.4	72.7	75.3	76.3	76.0	76.6	76.6	76.6	77.3
≥ 400	7.1	23.1	33.4	42.9	54.9	59.7	70.1	77.3	77.3	80.8	81.8	81.8	82.5	82.5	82.5	83.1
≥ 300	7.1	23.1	33.4	42.9	55.2	60.7	71.8	79.6	79.9	85.1	86.7	86.7	87.3	87.7	87.7	88.6
≥ 200	7.1	23.1	33.4	42.9	55.2	61.0	72.1	80.2	80.5	87.3	89.9	89.9	91.9	92.2	92.5	93.8
≥ 100	7.1	23.1	33.4	42.9	55.2	61.0	72.1	80.2	80.5	87.3	90.9	90.9	95.1	96.1	96.4	98.7
0	7.1	23.1	33.4	42.9	55.2	61.0	72.1	80.2	80.5	87.3	90.9	90.9	95.1	96.1	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 308

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 (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	9.7	27.4	41.0	46.1	53.6	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.8	55.8	55.8	55.8
≥ 20000	9.7	28.4	41.0	47.4	54.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.1	57.1	57.1
≥ 18000	9.7	28.4	41.0	47.4	54.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.1	57.1	57.1
≥ 16000	9.7	28.4	41.0	47.4	54.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.1	57.1	57.1
≥ 14000	9.7	28.4	41.0	47.4	54.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.1	57.1	57.1
≥ 12000	9.7	28.4	41.0	47.4	54.8	56.1	56.5	56.5	56.5	56.5	56.5	56.5	57.1	57.1	57.1	57.1
≥ 10000	9.7	28.4	41.9	48.4	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 9000	9.7	28.4	41.9	48.4	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 8000	9.7	28.4	41.9	48.4	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 7000	9.7	28.4	41.9	48.4	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 6000	9.7	28.4	41.9	48.4	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 5000	9.7	28.4	41.9	48.4	55.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 4500	9.7	28.4	41.9	48.4	55.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4	58.1	58.1	58.1	58.1
≥ 4000	9.7	28.4	42.3	48.7	56.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	58.4	58.4	58.4	58.4
≥ 3500	9.7	28.4	42.3	48.7	56.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	58.4	58.4	58.4	58.4
≥ 3000	9.7	28.4	42.6	49.4	56.8	58.1	58.4	58.4	58.4	58.4	58.4	58.4	59.0	59.0	59.0	59.0
≥ 2500	9.7	28.7	42.9	50.4	57.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.7	59.7	59.7	59.7
≥ 2000	9.9	29.4	43.9	51.3	59.0	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.6	61.6	61.6	61.6
≥ 1800	9.9	29.7	44.2	51.6	59.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	62.3	62.3	62.3	62.3
≥ 1500	9.9	30.3	45.5	54.5	63.9	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.8	66.8	66.8	66.8
≥ 1200	9.9	30.3	46.1	56.1	66.5	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.7	70.7	70.7	70.7
≥ 1000	9.9	31.3	47.7	58.7	71.9	76.5	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4
≥ 900	9.9	31.3	48.4	59.4	72.6	77.1	79.4	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 800	9.9	31.3	48.4	60.0	74.5	79.4	82.6	83.2	83.2	83.2	83.2	83.2	83.9	83.9	83.9	83.9
≥ 700	9.9	31.3	48.4	60.3	75.2	82.6	86.8	87.4	87.4	87.7	87.7	87.7	88.4	88.4	88.4	88.4
≥ 600	9.9	31.3	49.0	61.3	76.1	83.6	89.7	90.7	90.7	91.9	91.9	91.9	92.6	92.6	92.6	92.6
≥ 500	9.9	31.3	49.3	61.3	76.5	84.2	91.9	93.2	93.6	95.5	95.5	95.5	96.1	96.1	96.1	96.1
≥ 400	9.9	31.3	49.0	61.3	76.5	84.2	92.6	94.5	94.8	97.1	97.1	97.1	97.7	97.7	97.7	97.7
≥ 300	9.9	31.3	49.3	61.3	76.5	84.2	93.2	95.5	95.8	98.4	98.4	98.4	99.0	99.0	99.0	99.0
≥ 200	9.9	31.3	49.3	61.3	76.5	84.2	93.2	95.8	96.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0
≥ 100	9.9	31.3	49.3	61.3	76.5	84.2	93.2	95.8	96.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0
0	9.9	31.3	49.3	61.3	76.5	84.2	93.2	95.8	96.1	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

7511	POINT MUGU, CALIFORNIA	73-92	AUG
STATION	STATION NAME	YEARS	MONTH

13
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	12.9	43.7	56.3	63.1	68.6	69.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	12.9	44.3	57.0	63.8	69.3	70.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	13.3	44.3	57.3	64.1	69.6	70.6	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 16000	13.3	44.3	57.3	64.1	69.6	70.6	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 14000	13.3	44.3	57.3	64.1	69.6	70.6	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 12000	13.3	44.7	57.9	64.7	70.2	71.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	13.3	45.0	58.3	65.4	70.9	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	13.3	45.0	58.3	65.4	70.9	71.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 8000	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	13.3	45.3	58.6	65.7	71.2	72.2	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	13.3	45.3	58.9	66.0	71.5	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	13.3	45.3	58.9	66.0	71.8	72.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2000	13.3	46.1	60.5	67.6	73.5	74.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 1800	13.3	46.6	61.5	67.6	73.8	74.8	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1500	13.3	46.9	61.8	69.3	75.7	77.4	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1200	13.6	47.8	63.4	71.2	78.0	79.6	80.6	80.9	80.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1000	13.9	48.2	64.7	74.1	82.2	84.6	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 900	13.9	48.2	64.7	74.4	82.5	85.1	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 800	13.9	48.2	65.4	75.4	84.5	88.7	90.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	13.9	48.2	66.0	76.4	85.8	90.6	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	13.9	48.2	66.0	76.7	86.4	92.9	95.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	13.9	48.2	66.3	76.7	86.4	94.2	97.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	13.9	48.2	66.3	77.0	86.7	94.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	13.9	48.2	66.0	77.0	86.7	94.5	98.1	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	13.9	48.2	66.0	77.0	87.1	94.8	98.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	13.9	48.2	66.3	77.0	87.1	94.8	98.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	13.9	48.2	66.3	77.0	87.1	94.8	98.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11	POINT MUGU, CALIFORNIA	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	13.8	51.8	63.8	68.6	74.1	74.4	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 20000	14.2	53.7	66.1	71.9	76.4	76.7	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	14.2	54.1	66.3	71.2	76.7	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	14.2	54.1	66.3	71.2	76.7	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	14.2	54.1	66.3	71.2	76.7	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 12000	14.2	54.1	66.3	71.2	76.7	77.0	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	14.2	54.4	66.7	71.5	77.1	77.4	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	14.2	54.4	66.7	71.5	77.1	77.4	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 8000	14.2	54.4	66.7	71.8	77.4	77.7	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	14.2	54.7	67.0	72.2	77.7	78.0	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	14.2	54.7	67.0	72.2	77.7	78.0	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	14.2	55.0	67.3	72.5	78.0	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	14.2	55.0	67.3	72.5	78.0	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	14.6	55.0	67.3	72.5	78.3	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500	14.6	55.0	67.3	72.5	78.0	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	14.6	55.0	67.3	72.5	78.0	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2500	14.6	55.0	67.3	72.5	78.0	78.3	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	14.9	55.3	67.6	72.8	78.3	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1800	15.2	55.7	68.0	73.1	78.6	79.0	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1500	15.2	56.0	68.3	73.4	80.6	80.9	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	15.5	57.6	70.4	77.4	82.9	83.2	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	15.5	58.6	72.5	79.6	85.8	86.7	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 900	15.5	58.6	72.8	79.9	86.1	87.1	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	15.5	58.6	73.8	82.2	88.7	90.0	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	15.5	58.6	74.1	82.9	89.6	90.9	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	15.5	58.6	74.1	83.2	90.0	92.2	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	15.5	58.6	74.4	83.5	91.3	94.8	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	15.5	58.6	74.4	83.5	91.6	95.2	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	15.5	58.6	74.4	83.5	91.6	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	15.5	58.6	74.4	83.5	91.6	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	15.5	58.6	74.4	83.5	91.6	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	15.5	58.6	74.4	83.5	91.6	95.5	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: POINT MUGU, CALIFORNIA (STATION NAME) | 72-82 (YEARS) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST): 14

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.2	[illegible]	61.2	[illegible]	67.[illegible]	67.6	68.6	68.[illegible]	[illegible]	68.9	68.9	68.9	68.9	68.9	[illegible]	[illegible]
≥ 20000	14.[illegible]	[illegible]	63.1	67.3	68.9	69.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000	14.6	[illegible]	63.1	67.3	68.9	69.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	14.6	[illegible]	63.1	67.3	68.9	69.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	14.9	[illegible]	64.1	68.3	69.9	70.9	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 12000	14.9	[illegible]	64.1	68.3	69.9	70.9	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	14.9	[illegible]	64.1	68.3	69.9	70.9	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	14.9	51.8	64.1	68.3	69.9	70.9	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	14.9	51.8	64.7	68.9	70.6	71.5	72.5	72.5	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 7000	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 5000	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2500	14.9	51.8	65.1	69.3	70.9	71.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 2000	15.2	52.1	65.4	69.6	71.2	72.2	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1800	15.2	52.1	65.4	69.6	71.2	72.2	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1500	15.2	52.4	66.3	70.6	72.2	73.1	74.1	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1200	15.2	54.8	67.[illegible]	71.8	73.8	74.8	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1000	15.5	54.7	69.6	75.1	77.[illegible]	78.0	79.0	79.[illegible]	79.[illegible]	79.3	79.[illegible]	79.3	79.3	79.3	79.3	79.3
≥ 900	15.5	54.7	69.6	75.4	77.4	78.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 800	15.9	56.0	72.8	79.[illegible]	81.2	82.5	83.5	83.5	83.5	83.8	84.1	84.1	84.1	84.1	84.1	84.1
≥ 700	15.9	56.0	73.5	81.9	84.1	85.4	86.4	86.4	86.4	86.7	87.1	87.1	87.1	87.1	87.1	87.1
≥ 600	15.[illegible]	56.3	73.8	82.5	86.7	89.3	90.3	90.3	90.3	90.[illegible]	91.3	91.3	91.3	91.3	91.3	91.3
≥ 500	15.9	56.6	74.8	83.8	88.[illegible]	91.9	93.9	94.2	94.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	15.[illegible]	56.6	74.8	83.8	88.7	93.5	95.8	96.1	96.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	15.[illegible]	56.6	74.8	83.8	89.[illegible]	93.9	96.1	97.1	97.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	15.9	56.6	74.8	83.8	89.[illegible]	93.9	96.1	97.1	97.1	98.4	99.[illegible]	99.0	99.4	99.7	99.7	99.7
≥ 100	15.9	56.6	74.8	83.8	89.0	93.9	96.1	97.1	97.1	98.4	99.0	99.0	99.7	100.0	100.0	100.0
0	15.9	56.6	74.8	83.8	89.[illegible]	93.9	96.1	97.1	97.1	98.4	99.0	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	AUG

HOURS (LST) 12

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	11.1	47.0	57.7	61.0	61.3	61.6	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	11.1	47.0	58.1	61.3	61.6	61.9	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	11.1	47.0	58.1	60.3	61.6	61.9	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	11.1	47.0	58.1	60.3	61.6	61.9	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	11.1	47.7	58.7	61.0	62.3	62.6	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000	11.1	[illegible]	59.0	61.3	62.6	62.9	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	11.1	[illegible]	59.4	61.6	62.9	63.2	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	11.1	[illegible]	59.4	61.6	62.9	63.2	63.6	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	11.1	[illegible]	59.7	62.3	63.6	63.9	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	11.1	[illegible]	59.7	62.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 6000	11.1	[illegible]	59.7	62.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	11.1	[illegible]	59.7	62.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	11.1	[illegible]	59.7	62.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4000	11.1	[illegible]	59.7	62.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 3500	11.1	[illegible]	59.7	62.6	63.9	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 3000	11.1	[illegible]	59.7	62.6	63.9	64.5	64.8	64.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 2500	11.1	51.7	60.0	62.9	64.2	64.8	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 2000	11.1	51.7	60.0	62.9	64.2	64.8	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 1800	11.1	51.7	60.7	63.6	64.8	65.5	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1500	11.1	51.7	61.0	63.9	65.2	65.8	66.1	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 1200	11.1	51.7	61.6	64.5	65.8	66.5	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 1000	11.1	53.2	63.6	67.4	68.7	69.4	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 900	11.3	53.6	64.8	69.0	70.7	71.3	71.6	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 800	11.6	56.5	68.7	74.2	76.5	77.1	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 700	11.9	58.4	71.6	78.1	81.3	81.9	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 600	11.9	59.7	73.9	81.0	85.5	86.1	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 500	11.9	60.0	74.8	82.9	88.1	89.0	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 400	11.9	60.3	75.2	83.9	89.7	91.3	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	11.9	60.3	75.2	84.2	90.7	92.3	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 200	11.9	60.3	75.2	84.2	91.0	92.6	95.5	96.1	96.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7
≥ 100	11.9	60.3	75.2	84.2	91.0	92.9	95.8	96.5	96.5	97.7	98.1	98.1	98.4	98.4	99.4	99.7
0	11.9	60.3	75.2	84.2	91.0	92.9	95.8	96.5	96.5	97.7	98.4	98.4	98.7	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	57-62	AUG

HOURS (L S T) ALL

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	7.4	38.2	47.4	52.2	55.6	56.1	56.7	56.8	56.8	56.9	56.[illegible]	56.9	57.1	57.[illegible]	57.1	57.2
≥ 20000	8.5	38.7	48.3	53.1	56.4	57.3	57.7	57.7	57.8	57.9	57.9	57.9	58.0	58.3	58.1	58.1
≥ 18000	8.5	38.8	48.4	53.2	56.6	57.1	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.3
≥ 16000	8.5	38.8	48.4	53.2	56.6	57.1	57.8	57.9	57.9	58.[illegible]	58.[illegible]	58.[illegible]	58.1	58.1	58.2	58.3
≥ 14000	8.6	39.1	48.7	53.5	56.9	57.5	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.6
≥ 12000	8.6	39.2	48.9	53.7	57.1	57.6	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.8
≥ 10000	8.6	39.4	49.2	54.1	57.4	58.0	58.6	58.7	58.8	58.9	58.9	58.9	59.0	59.[illegible]	59.[illegible]	59.1
≥ 9000	8.6	39.4	49.3	54.1	57.5	58.[illegible]	58.7	58.8	58.8	58.9	58.9	58.9	59.0	59.[illegible]	59.1	59.2
≥ 8000	8.7	39.5	49.5	54.4	57.8	58.4	59.[illegible]	59.1	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.5
≥ 7000	8.7	39.6	49.5	54.6	57.9	58.5	59.2	59.2	59.3	59.4	59.4	59.4	59.5	59.[illegible]	59.6	59.[illegible]
≥ 6000	8.7	39.6	49.5	54.6	57.9	58.5	59.2	59.2	59.3	59.4	59.4	59.4	59.5	59.5	59.6	59.6
≥ 5000	8.7	39.6	49.6	54.6	58.3	58.6	59.2	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.6	59.7
≥ 4500	8.7	39.6	49.6	54.6	58.[illegible]	58.6	59.2	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.6	59.7
≥ 4000	8.7	39.6	49.6	54.6	58.[illegible]	58.6	59.2	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.7
≥ 3500	8.7	39.6	49.6	54.6	58.[illegible]	58.6	59.2	59.3	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.7
≥ 3000	8.7	39.6	49.8	54.8	58.2	58.8	59.5	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.9	60.[illegible]
≥ 2500	8.7	39.8	50.0	55.1	58.6	59.2	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.4
≥ 2000	8.9	40.2	50.7	56.[illegible]	59.6	60.2	60.9	61.0	61.1	61.2	61.2	61.[illegible]	61.3	61.3	61.3	61.4
≥ 1800	10.[illegible]	40.8	51.2	56.4	60.1	60.8	61.5	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.9	62.0
≥ 1500	10.1	41.2	52.4	57.9	62.1	62.9	63.6	63.8	63.8	64.[illegible]	64.[illegible]	64.[illegible]	64.0	64.[illegible]	64.1	64.2
≥ 1200	10.2	41.3	53.2	59.2	63.6	64.6	65.3	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.9	66.[illegible]
≥ 1000	10.3	42.6	55.0	62.1	67.5	68.9	69.9	70.3	70.4	70.6	70.[illegible]	70.6	70.6	70.6	70.7	70.8
≥ 900	10.3	42.8	55.6	62.8	68.[illegible]	69.8	71.0	71.6	71.6	71.8	71.8	71.8	71.9	71.9	72.0	72.1
≥ 800	10.4	43.7	57.5	65.7	72.4	74.3	75.8	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.9	77.0
≥ 700	10.[illegible]	44.2	58.7	67.6	75.4	77.7	79.6	80.4	80.5	80.8	80.9	80.9	81.0	81.0	81.1	81.1
≥ 600	10.[illegible]	44.5	59.5	69.2	77.5	80.6	83.3	84.3	84.3	84.9	85.0	85.0	85.1	85.1	85.2	85.3
≥ 500	10.[illegible]	44.8	60.2	70.5	79.6	83.4	86.9	88.1	88.2	89.[illegible]	89.1	89.1	89.3	89.3	89.4	89.5
≥ 400	10.5	44.9	60.4	71.1	80.8	85.0	89.5	91.1	91.2	92.2	92.3	92.3	92.5	92.5	92.6	92.7
≥ 300	10.5	44.9	60.5	71.3	81.4	86.0	91.2	93.1	93.1	94.5	94.8	94.8	95.0	95.0	95.1	95.2
≥ 200	10.5	44.9	60.5	71.3	81.6	86.3	91.9	94.1	94.2	96.1	96.7	96.7	97.2	97.3	97.4	97.6
≥ 100	10.5	44.9	60.5	71.3	81.6	86.3	92.0	94.3	94.4	96.5	97.4	97.5	98.3	98.[illegible]	98.8	99.2
0	10.5	44.9	60.5	71.3	81.6	86.3	92.0	94.3	94.4	96.5	97.5	97.5	98.5	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2475

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | SEP (MONTH)

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	38.3	46.7	[illegible]	52.3	52.3	53.3	[illegible]	53.3	53.3	53.3	53.3	53.3	53.3	[illegible]	53.3
≥ 20000	[illegible]	38.3	47.3	51.3	53.3	53.3	54.0	54.3	54.7	54.3	54.3	54.3	54.0	54.0	54.7	54.7
≥ 18000	40.3	38.3	47.3	51.3	53.3	53.3	54.0	54.3	54.7	54.0	54.3	54.3	54.3	54.3	54.3	54.7
≥ 16000	40.0	38.3	47.3	51.3	53.3	53.3	54.0	54.3	54.7	54.3	54.3	54.3	54.3	54.3	54.3	54.7
≥ 14000	[illegible]	38.7	48.0	52.3	53.7	53.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	[illegible]	38.7	48.0	52.3	54.0	54.3	55.0	55.3	55.3	55.0	55.0	55.0	55.0	55.0	55.3	55.7
≥ 10000	[illegible]	38.7	48.0	52.3	54.0	54.3	55.0	55.3	55.3	55.0	55.0	55.0	55.0	55.0	55.3	55.7
≥ 9000	40.0	38.7	48.0	52.3	54.0	54.3	55.0	55.3	55.3	55.0	55.0	55.0	55.0	55.0	55.3	55.7
≥ 8000	40.0	38.7	48.0	52.3	54.0	54.3	55.0	55.3	55.3	55.0	55.0	55.3	55.3	55.3	55.3	55.7
≥ 7000	40.0	38.7	48.0	52.7	54.3	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7
≥ 6000	[illegible]	38.7	48.0	52.7	54.3	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.7
≥ 5000	[illegible]	38.0	48.3	53.3	54.7	55.0	56.0	56.3	56.3	56.0	56.0	56.3	56.0	56.0	56.3	56.7
≥ 4500	[illegible]	41.3	49.7	54.3	56.7	56.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4000	40.0	40.3	49.7	54.3	56.3	56.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 3500	40.0	40.7	50.0	54.7	56.3	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3000	40.0	41.3	50.3	55.0	56.7	57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 2500	[illegible]	41.7	51.0	56.0	57.7	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 2000	[illegible]	41.7	51.3	56.0	57.7	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1800	40.0	41.7	51.3	56.0	57.7	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1500	40.0	43.3	53.7	58.7	61.3	62.0	63.0	63.3	63.3	63.0	63.0	63.0	63.0	63.0	63.0	63.3
≥ 1200	40.3	44.3	55.0	61.0	64.0	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 1000	40.7	45.0	56.7	63.0	66.3	67.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 900	[illegible]	45.3	57.3	64.7	68.0	68.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 800	[illegible]	46.3	59.3	67.3	71.7	72.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 700	40.3	47.0	60.7	70.0	75.3	77.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 600	40.3	48.0	62.3	73.3	79.3	81.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 500	40.3	48.0	62.3	73.7	81.7	84.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 400	40.3	48.0	62.7	74.0	82.3	85.0	88.3	89.0	89.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 300	40.3	48.0	63.0	74.3	83.3	86.3	92.3	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 200	40.3	48.0	63.3	74.3	83.7	86.7	93.0	93.7	93.7	94.0	94.0	94.0	94.7	94.7	94.7	95.0
≥ 100	40.3	48.0	63.3	74.3	83.7	86.7	93.0	93.7	93.7	95.0	95.0	95.0	97.0	97.0	97.0	98.0
≥ 0	40.3	48.0	63.0	74.3	83.7	86.7	93.0	93.7	93.7	95.0	95.0	95.0	97.3	97.3	97.7	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

.11 (STATION) | POINT MUGU, CALIFORN,A (STATION NAME) | 73-82 (YEARS) | SEP (MONTH)

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7	28.3	37.	42.3	44.	44.3	45.7	45.7	45.7	46.3	46.3	46.3	46.3	46.3	47.3	48.3
≥ 20000	7.7	28.3	37.3	42.7	44.3	44.7	46.	46.	46.	46.7	46.7	46.7	46.7	46.7	48.7	48.7
≥ 18000	7.7	28.3	37.3	42.7	44.3	44.7	46.	46.	46.	46.7	46.7	46.7	46.7	46.7	48.7	48.7
≥ 16000	7.7	28.3	37.3	42.7	44.3	44.7	46.	46.	46.	46.7	46.7	46.7	46.7	46.7	48.7	48.7
≥ 14000	7.7	28.7	37.7	43.	44.7	45.0	46.3	46.3	46.3	47.	47.	47.	47.	47.	47.	47.
≥ 12000	7.7	28.7	37.7	43.3	45.3	45.3	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	7.7	28.7	37.7	43.3	45.	45.3	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.	47.	47.
≥ 9000	7.7	28.7	37.7	43.3	45.	45.3	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.	47.3	47.3
≥ 8000	7.7	28.7	37.7	43.3	45.	45.3	46.7	46.7	46.7	47.3	47.3	47.3	47.3	47.3	47.	47.
≥ 7000	7.7	28.7	37.7	43.7	45.	45.7	47.0	47.	47.	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	7.7	29.	38.0	44.	45.7	46.0	47.3	47.3	47.3	48.0	48.	48.	48.0	48.	48.	48.
≥ 5000	7.7	29.	38.3	44.3	46.3	46.3	47.7	47.7	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 4500	7.7	29.	39.3	45.3	47.	47.3	48.7	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 4000	7.7	29.	39.7	45.7	47.3	47.7	49.	49.	49.	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3500	7.7	29.3	39.7	45.7	47.3	47.7	49.0	49.	49.	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 3000	7.7	29.3	39.7	45.7	47.3	47.7	49.0	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 2500	7.7	31.	41.	46.7	48.3	48.7	50.0	50.3	50.3	51.0	51.	51.3	51.7	51.	51.	51.
≥ 2000	7.7	31.7	41.7	47.7	49.3	49.7	51.	51.3	51.3	52.0	52.0	52.3	52.0	52.	52.0	52.0
≥ 1800	7.7	32.3	43.	48.7	50.7	51.3	52.3	52.7	52.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 1500	7.7	32.3	43.7	48.7	51.3	53.0	53.7	55.3	55.7	55.7	56.3	56.3	56.3	56.3	56.3	56.3
≥ 1200	7.7	33.7	44.3	52.3	54.0	54.7	56.3	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 1000	7.7	34.3	45.7	53.7	56.3	57.0	59.0	59.3	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 900	8.0	36.0	47.7	55.7	58.3	59.0	61.3	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 800	8.0	37.0	48.7	56.7	59.3	60.0	62.3	62.7	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 700	8.0	37.3	49.7	57.7	60.3	61.0	63.3	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 600	8.0	37.3	49.7	57.7	60.3	61.0	63.3	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 500	8.0	37.7	50.0	58.0	60.7	61.3	63.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 400	8.0	37.7	50.0	58.0	60.7	61.3	63.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 300	8.0	37.7	50.0	58.0	60.7	61.3	63.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 200	8.0	37.7	50.0	58.0	60.7	61.3	63.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 100	8.0	37.7	50.0	58.0	60.7	61.3	63.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 0	8.0	37.7	50.0	58.0	60.7	61.3	63.7	64.0	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	9.7	21.4	24.8	33.4	34.8	36.1	36.5	36.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	
≥ 20000	9.7	21.4	24.8	33.4	34.1	35.5	36.8	37.1	37.1	38.1	38.1	38.1	38.1	38.1	38.1	
≥ 18000	9.7	21.4	24.8	33.4	34.1	35.5	36.9	37.1	37.1	38.1	38.1	38.1	38.1	38.1	38.1	
≥ 16000	9.7	21.4	24.8	33.4	34.1	35.5	36.9	37.1	37.1	38.1	38.1	38.1	38.1	38.1	38.1	
≥ 14000	9.7	21.4	25.2	33.4	35.1	36.5	37.8	38.1	38.1	39.1	39.1	39.1	39.1	39.1	39.1	
≥ 12000	9.7	22.1	25.1	33.8	35.5	36.8	38.1	38.5	38.5	39.8	39.8	39.8	39.8	39.8	39.8	
≥ 10000	9.7	22.7	27.1	33.4	37.1	38.5	39.8	40.1	40.1	41.5	41.5	41.5	41.5	41.5	41.5	
≥ 9000	9.7	22.7	27.1	33.4	37.1	38.5	39.8	40.1	40.1	41.5	41.5	41.5	41.5	41.5	41.5	
≥ 8000	9.7	23.1	27.4	33.8	37.5	38.8	40.1	40.5	40.5	41.8	41.8	41.8	41.8	41.8	41.8	
≥ 7000	9.7	23.1	27.4	33.8	37.8	39.1	40.5	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	
≥ 6000	9.7	23.1	27.4	33.8	37.8	39.1	40.5	40.8	40.8	42.1	42.1	42.1	42.1	42.1	42.1	
≥ 5000	9.7	23.1	27.8	34.1	38.1	39.5	40.8	41.1	41.1	42.5	42.5	42.5	42.5	42.5	42.5	
≥ 4500	10.4	23.8	28.4	34.8	39.1	40.5	41.8	42.1	42.1	43.5	43.5	43.5	43.5	43.5	43.5	
≥ 4000	10.4	23.8	28.4	34.8	39.1	40.5	42.1	42.5	42.5	43.8	43.8	43.8	43.8	43.8	43.8	
≥ 3500	10.7	24.1	28.8	35.1	39.5	40.8	42.5	42.8	42.8	44.2	44.2	44.2	44.2	44.2	44.2	
≥ 3000	10.7	24.1	28.8	35.8	39.8	41.1	42.8	43.1	43.1	44.5	44.5	44.5	44.5	44.5	44.5	
≥ 2500	10.7	24.4	29.8	36.5	41.1	42.5	44.5	44.8	44.8	46.2	46.2	46.2	46.2	46.2	46.2	
≥ 2000	10.7	25.8	31.1	38.5	43.5	44.8	47.2	47.6	47.6	49.2	49.2	49.2	49.2	49.2	49.2	
≥ 1800	10.7	25.1	31.8	39.5	44.8	46.2	48.5	49.2	49.2	50.5	50.5	50.5	50.5	50.5	50.5	
≥ 1500	10.8	25.4	32.4	40.1	45.5	46.9	49.2	49.9	49.9	51.2	51.2	51.2	51.2	51.2	51.2	
≥ 1200	11.1	26.8	34.1	44.5	51.9	54.2	57.5	58.5	58.5	59.9	59.9	59.9	59.9	59.9	59.9	
≥ 1000	11.1	27.1	35.1	46.5	52.9	56.5	60.5	61.9	61.9	63.2	63.2	63.2	63.2	63.2	63.2	
≥ 900	11.1	27.4	35.5	46.5	54.2	57.9	62.5	63.9	63.9	65.2	65.2	65.2	65.2	65.2	65.2	
≥ 800	11.1	27.4	35.5	46.8	56.2	59.9	65.9	67.6	67.6	69.2	69.6	69.6	69.6	69.6	69.6	
≥ 700	11.1	27.8	36.1	47.8	57.2	61.2	67.9	71.2	71.8	72.6	72.9	72.9	72.9	72.9	72.9	
≥ 600	11.1	27.8	36.1	47.8	57.2	61.5	68.2	70.9	71.2	74.3	74.6	74.6	74.6	74.6	74.6	
≥ 500	11.1	27.8	36.5	48.8	58.2	62.5	70.6	73.9	74.3	77.9	78.6	78.6	78.6	78.6	78.6	
≥ 400	11.1	27.8	36.5	48.8	58.2	62.9	71.2	75.2	75.6	80.6	81.3	81.3	81.3	81.3	81.3	
≥ 300	11.1	27.8	36.5	48.8	58.2	62.9	71.9	76.6	76.9	82.6	84.3	84.6	84.6	84.6	84.6	
≥ 200	11.1	27.8	36.5	48.8	58.2	62.9	72.2	76.9	77.3	84.3	87.6	87.9	87.6	88.6	88.6	
≥ 100	11.1	27.8	36.5	48.8	58.2	62.9	72.2	77.3	77.6	85.3	88.6	88.3	90.6	92.6	94.7	
≥ 0	11.1	27.8	36.5	48.8	58.2	62.9	72.2	77.3	77.6	85.3	89.7	88.3	90.6	92.6	94.7	

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME POINT MUGU, CALIFORNIA YEARS 77-82 MONTH SEP

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	26.1	34.2	[illegible]	44.3	46.5	48.2	[illegible]	[illegible]	[illegible]	49.2	[illegible]	49.2	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	26.1	34.3	[illegible]	44.3	46.5	48.2	48.5	48.5	[illegible]	49.2	[illegible]	49.2	49.2	49.2	[illegible]
≥ 18000	[illegible]	26.1	34.3	[illegible]	44.8	46.5	48.2	48.5	49.5	[illegible]	49.2	[illegible]	[illegible]	49.2	[illegible]	[illegible]
≥ 16000	[illegible]	26.1	34.3	[illegible]	44.8	46.5	48.2	48.5	[illegible]	[illegible]	49.2	[illegible]	49.2	49.2	49.2	[illegible]
≥ 14000	[illegible]	[illegible]	34.7	[illegible]	44.8	46.5	48.2	48.5	48.5	[illegible]	49.2	[illegible]	49.2	49.2	[illegible]	[illegible]
≥ 12000	[illegible]	26.4	35.1	[illegible]	45.2	46.8	48.5	48.8	48.8	[illegible]	49.5	[illegible]	49.5	49.5	[illegible]	[illegible]
≥ 10000	[illegible]	26.8	35.8	[illegible]	46.2	47.8	49.6	[illegible]	[illegible]	[illegible]	51.2	[illegible]	51.2	51.2	51.2	[illegible]
≥ 9000	[illegible]	26.8	35.8	[illegible]	46.2	47.8	49.8	[illegible]	[illegible]	[illegible]	51.2	[illegible]	51.2	51.2	[illegible]	[illegible]
≥ 8000	[illegible]	27.1	36.1	[illegible]	47.2	48.8	50.8	51.5	51.5	[illegible]	52.2	[illegible]	52.2	52.2	[illegible]	[illegible]
≥ 7000	[illegible]	27.1	36.1	[illegible]	47.8	49.5	51.5	52.2	52.2	[illegible]	52.8	[illegible]	52.8	52.8	52.8	[illegible]
≥ 6000	[illegible]	27.4	36.5	[illegible]	48.2	49.8	51.8	52.5	52.5	[illegible]	53.2	[illegible]	53.2	53.2	53.2	[illegible]
≥ 5000	[illegible]	27.8	36.9	[illegible]	48.5	50.2	52.2	52.8	52.8	[illegible]	53.5	[illegible]	53.5	53.5	53.5	[illegible]
≥ 4500	[illegible]	28.4	37.5	[illegible]	49.2	50.8	52.8	53.5	53.5	[illegible]	54.2	[illegible]	54.2	54.2	54.2	[illegible]
≥ 4000	[illegible]	28.8	37.8	[illegible]	49.5	51.2	53.2	53.9	53.9	[illegible]	54.5	[illegible]	54.5	54.5	54.5	[illegible]
≥ 3500	[illegible]	30.2	39.3	[illegible]	50.9	52.5	54.5	55.2	55.2	[illegible]	55.9	[illegible]	55.9	55.9	55.9	[illegible]
≥ 3000	[illegible]	31.4	39.8	[illegible]	51.5	53.2	55.2	55.9	55.9	[illegible]	56.5	[illegible]	56.5	56.5	56.5	[illegible]
≥ 2500	[illegible]	31.8	41.1	[illegible]	52.8	54.9	56.9	57.5	57.5	[illegible]	58.2	[illegible]	58.2	58.2	58.2	[illegible]
≥ 2000	[illegible]	32.8	42.5	[illegible]	55.9	58.5	[illegible]	61.5	61.5	[illegible]	62.2	[illegible]	62.2	62.2	62.2	[illegible]
≥ 1800	[illegible]	33.8	43.8	[illegible]	57.5	60.2	62.5	63.2	63.2	[illegible]	63.9	[illegible]	63.9	63.9	63.9	[illegible]
≥ 1500	[illegible]	35.5	46.8	[illegible]	62.9	65.9	68.6	69.2	69.2	[illegible]	69.9	[illegible]	69.9	69.9	69.9	[illegible]
≥ 1200	[illegible]	36.8	48.2	[illegible]	66.2	70.2	73.2	73.9	73.9	[illegible]	74.6	[illegible]	74.6	74.6	74.6	[illegible]
≥ 1000	[illegible]	38.8	48.5	[illegible]	68.2	72.2	75.6	78.9	79.9	[illegible]	80.6	[illegible]	80.6	80.6	80.6	[illegible]
≥ 900	[illegible]	39.8	48.8	[illegible]	69.5	73.9	78.3	79.6	80.9	[illegible]	81.3	[illegible]	81.6	81.6	81.6	[illegible]
≥ 800	[illegible]	39.8	49.5	[illegible]	69.2	72.6	79.6	82.9	85.2	[illegible]	85.3	[illegible]	85.6	85.6	85.6	[illegible]
≥ 700	[illegible]	39.8	49.8	[illegible]	69.5	72.9	80.3	84.3	86.6	[illegible]	87.3	[illegible]	87.3	87.3	87.3	[illegible]
≥ 600	[illegible]	39.8	50.2	[illegible]	69.5	73.6	82.3	87.9	91.2	[illegible]	91.3	[illegible]	91.6	91.6	91.6	[illegible]
≥ 500	[illegible]	39.8	50.2	[illegible]	69.9	73.6	82.3	87.3	92.9	[illegible]	94.0	[illegible]	95.3	95.3	95.3	[illegible]
≥ 400	[illegible]	39.8	50.2	[illegible]	69.9	73.6	82.3	87.6	93.3	[illegible]	96.3	[illegible]	97.3	97.3	97.3	[illegible]
≥ 300	[illegible]	39.8	50.2	[illegible]	69.9	73.6	82.9	88.3	94.3	[illegible]	97.3	[illegible]	98.7	98.7	98.7	[illegible]
≥ 200	[illegible]	39.8	50.2	[illegible]	69.9	73.6	82.9	88.3	94.3	[illegible]	97.7	[illegible]	99.3	99.3	99.7	[illegible]
≥ 100	[illegible]	39.8	50.2	[illegible]	69.9	73.6	82.9	88.3	94.3	[illegible]	98.0	[illegible]	99.7	99.7	100.0	[illegible]
≥ 0	[illegible]	39.8	50.2	[illegible]	69.9	73.6	82.9	88.3	94.3	[illegible]	98.0	[illegible]	99.7	99.7	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]99

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: SEP | HOURS (L S T): 13

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	15.7	41.3	51.	53.3	56.7	58.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.
≥ 20000	15.7	42.3	53.	55.3	58.7	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.
≥ 18000	15.7	42.7	53.3	55.3	59.3	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	15.7	42.7	53.3	55.3	59.3	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	15.7	42.7	53.7	55.7	59.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	16.0	43.0	54.7	57.3	60.7	62.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	16.3	43.3	55.3	57.7	61.3	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 9000	16.3	43.3	55.3	58.3	61.7	64.0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 8000	16.3	43.7	55.7	58.7	62.3	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	16.3	44.0	56.3	59.3	63.3	65.3	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	16.3	44.3	56.7	59.7	63.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 5000	16.3	44.3	56.7	59.7	63.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	16.3	45.7	58.0	61.3	65.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 4000	16.7	46.3	58.3	61.3	65.3	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	16.7	46.3	58.7	61.7	65.7	68.0	69.0	69.3	69.3	69.0	69.0	69.3	69.3	69.3	69.3	69.3
≥ 3000	16.7	46.3	59.0	62.3	66.0	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 2500	16.7	46.7	59.3	62.3	66.3	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2000	16.7	47.7	60.3	64.3	68.3	70.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 1800	17.0	48.3	61.0	65.0	69.3	71.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 1500	17.0	48.7	63.3	67.3	71.7	73.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1200	17.0	49.3	64.7	71.3	77.0	80.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1000	17.0	49.7	65.0	73.3	79.7	83.7	85.3	85.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	17.0	49.7	66.0	74.3	81.0	85.3	87.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 800	17.0	50.0	67.0	75.7	82.3	87.3	89.3	90.0	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	17.0	50.3	67.0	76.7	83.7	89.7	92.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	17.0	50.3	67.0	77.3	84.3	90.3	93.3	94.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	17.0	50.3	67.0	77.3	84.3	90.7	94.3	96.3	96.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	17.0	50.3	67.0	77.3	84.3	91.3	95.0	97.3	97.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7
≥ 300	17.0	50.3	67.3	77.3	84.3	91.7	95.3	97.3	97.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
≥ 200	17.0	50.3	67.3	77.3	84.3	91.7	95.3	97.3	97.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
≥ 100	17.0	50.3	67.3	77.3	84.3	91.7	95.3	97.3	97.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
≥ 0	17.0	50.3	67.3	77.3	84.3	91.7	95.3	97.3	97.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT HUGU, CALIFORNIA	73-82	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 10

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	15.7	44.8	56.5	6 .5	61.9	62.5	64.9	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	15.4	46.2	57.9	61.9	63.6	64.2	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 18000	16.4	46.2	57.9	61.9	63.6	64.2	66.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 16000	15.4	46.6	58.2	62.2	63.9	64.6	66.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 14000	15.4	46.8	58.5	62.5	64.2	65.2	67.6	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 12000	16.7	47.2	58.9	62.9	64.6	65.6	67.9	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	16.7	47.5	59.9	63.9	65.9	66.9	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	16.7	47.5	59.9	63.9	65.9	66.9	69.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 8000	16.7	47.8	60.5	64.6	66.6	67.6	69.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 7000	17.1	48.2	60.9	65.2	67.2	68.2	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	17.4	48.5	61.2	65.5	67.5	68.6	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	17.7	48.8	61.5	66.2	68.2	69.2	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	17.7	49.5	62.2	66.9	68.9	69.9	72.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4000	17.7	49.5	62.2	66.9	68.9	69.9	72.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 3500	17.7	49.8	62.9	67.6	69.6	70.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	18.1	50.5	63.6	68.2	70.2	71.2	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 2500	18.1	51.2	64.9	69.6	71.9	72.9	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2000	19.4	53.5	66.9	72.6	73.9	74.9	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 1800	19.4	53.9	67.6	72.2	74.9	75.9	78.3	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1500	19.1	54.5	67.2	73.9	76.6	77.6	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1200	19.4	56.2	70.2	76.3	79.6	80.6	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1000	19.4	56.2	71.6	78.6	84.9	85.3	87.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 900	19.4	56.2	71.9	79.3	84.6	86.3	88.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	19.4	56.5	72.2	80.3	85.6	87.3	90.0	91.3	91.3	91.9	91.	91.9	91.9	91.9	91.9	91.9
≥ 700	19.4	56.9	72.6	80.9	86.6	90.3	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 600	19.4	57.2	72.9	81.3	87.3	91.3	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	19.4	57.2	72.9	81.6	87.6	92.3	95.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	19.4	57.2	72.9	81.6	87.6	92.3	95.3	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	19.4	57.2	72.9	81.9	88.0	92.6	95.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	19.4	57.2	72.9	81.9	88.0	93.0	96.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	19.4	57.2	72.9	81.9	88.0	93.0	96.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	19.4	57.2	72.9	81.9	88.0	93.0	96.0	98.3	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

H4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	SEP

HOURS (L S T): 1?

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.3	4[illegible]	56.7	59.3	61.3	62.[illegible]	62.[illegible]	62.3	62.3	63.0	63.0	63.0	63.0	63.0	63.0	63.[illegible]
≥ 20000	17.7	47.3	58.[illegible]	60.7	62.3	63.3	63.3	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.[illegible]	64.3
≥ 18000	17.7	47.3	58.0	60.7	62.3	63.3	63.3	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 16000	17.7	47.3	58.0	60.7	62.3	63.3	63.3	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 14000	17.7	47.3	58.0	60.7	62.3	63.3	63.3	63.7	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	17.7	47.7	58.7	61.3	63.[illegible]	64.0	64.0	64.3	64.3	65.0	65.[illegible]	65.0	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]
≥ 10000	17.7	48.[illegible]	59.[illegible]	61.7	63.3	64.3	64.3	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	18.0	4[illegible].3	59.3	62.[illegible]	63.7	64.7	64.7	65.[illegible]	65.[illegible]	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 8000	18.0	48.3	59.7	62.3	64.3	65.0	65.[illegible]	65.3	65.3	66.[illegible]	66.[illegible]	66.[illegible]	66.0	66.[illegible]	66.0	66.[illegible]
≥ 7000	18.3	48.7	60.3	63.[illegible]	64.7	65.7	65.7	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 6000	18.3	48.7	6[illegible].3	63.[illegible]	64.[illegible]7	65.7	65.7	66.0	66.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 5000	18.3	49.[illegible]	61.3	63.7	65.3	66.3	66.3	66.7	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	19.0	[illegible]0.7	62.7	65.3	67.[illegible]	68.0	68.[illegible]	68.3	68.3	69.0	69.[illegible]	69.0	69.0	69.0	69.0	69.[illegible]
≥ 4000	19.[illegible]	50.7	62.7	65.3	67.[illegible]	68.0	68.[illegible]	68.3	68.3	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]	69.[illegible]
≥ 3500	19.[illegible]	51.3	63.3	66.0	67.7	68.7	68.7	69.0	69.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 3000	19.[illegible]	51.3	63.3	66.[illegible]	67.7	68.7	[illegible]8.7	69.[illegible]	69.[illegible]	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 2500	19.[illegible]	51.7	63.7	66.3	68.3	69.3	69.3	69.7	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 2000	19.3	53.3	65.7	68.7	70.7	71.7	71.7	72.[illegible]	72.[illegible]	72.7	72.7	72.7	72.7	72.[illegible]	72.7	72.7
≥ 1800	19.3	54.3	66.7	69.7	71.7	72.7	72.7	73.[illegible]	73.[illegible]	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 1500	19.7	[illegible]5.0	68.3	71.7	73.7	74.7	74.7	75.0	75.[illegible]	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 1200	19.7	55.7	69.[illegible]	72.7	74.7	76.0	76.0	76.3	76.3	77.0	77.3	77.3	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]
≥ 1000	19.7	56.[illegible]	71.[illegible]	75.3	78.[illegible]	79.7	79.7	80.0	80.[illegible]	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 900	19.7	56.[illegible]	71.[illegible]	75.3	78.3	80.3	80.7	81.[illegible]	81.[illegible]	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 800	20.0	57.0	73.0	78.[illegible]	82.3	84.3	84.7	85.[illegible]	85.0	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 700	20.0	57.3	74.0	80.[illegible]	85.3	88.0	89.3	89.7	89.7	90.[illegible]	90.[illegible]	90.3	90.3	90.3	90.3	90.[illegible]
≥ 600	20.[illegible]	57.7	74.7	81.0	86.7	89.7	91.3	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	20.0	57.7	75.[illegible]	81.7	87.7	91.0	93.7	94.3	94.3	95.0	95.[illegible]	95.0	95.0	95.[illegible]	95.[illegible]	95.[illegible]
≥ 400	20.[illegible]	57.7	75.[illegible]	81.7	87.7	91.0	94.7	95.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	20.0	57.7	75.[illegible]	81.7	88.[illegible]	91.3	95.7	96.7	96.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	20.0	57.7	75.3	81.7	88.[illegible]	91.3	96.0	97.0	97.[illegible]	98.7	99.[illegible]	99.[illegible]	99.0	99.[illegible]	99.[illegible]	99.[illegible]
≥ 100	20.0	57.7	75.0	81.7	88.0	91.3	96.0	97.0	97.[illegible]	98.7	99.3	99.3	100.0	100.0	100.0	100.0
≥ 0	20.[illegible]	57.7	75.0	81.7	88.0	91.3	96.0	97.0	97.0	98.7	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	SEP

HOURS (L S T) 02

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	14.3	48.3	56.7	58.3	60.0	60.0	60.3	60.3	60.3	60.7	61.0	61.0	61.0	61.0	61.7	62.0
≥ 20000	14.3	49.0	56.7	58.7	60.7	60.7	61.0	61.0	61.3	61.3	61.7	61.7	61.7	61.7	61.7	62.7
≥ 18000	14.3	49.0	56.7	58.7	60.7	60.7	61.0	61.0	61.3	61.3	61.7	61.7	61.7	61.7	61.7	62.7
≥ 16000	14.3	49.0	56.7	58.7	60.7	60.7	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	61.7	62.7
≥ 14000	14.3	49.0	56.7	58.7	60.7	60.7	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	61.7	62.7
≥ 12000	14.3	49.0	56.7	58.7	60.7	60.7	61.0	61.0	61.0	61.3	61.7	61.7	61.7	61.7	61.7	62.7
≥ 10000	14.3	49.3	57.0	59.0	61.0	61.0	61.3	61.3	61.3	61.7	62.0	62.0	62.0	62.0	62.7	62.7
≥ 9000	14.7	49.7	57.3	59.3	61.3	61.3	61.7	61.7	61.7	62.0	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	14.7	49.7	57.7	59.7	61.7	61.7	62.0	62.0	62.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	14.7	49.7	58.0	60.0	62.0	62.0	62.3	62.3	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	14.7	49.7	58.7	60.0	62.0	62.0	62.3	62.3	62.3	62.7	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000	14.7	50.0	59.0	61.0	63.0	63.0	63.3	63.3	63.3	63.7	64.0	64.0	64.0	64.0	64.0	64.0
≥ 4500	15.3	51.0	60.3	62.3	64.3	64.3	64.7	64.7	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3
≥ 4000	15.3	51.0	60.3	62.3	64.3	64.3	64.7	64.7	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	15.3	51.3	60.7	62.7	64.7	64.7	65.0	65.0	65.0	65.3	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	15.3	51.7	61.0	63.0	65.0	65.0	65.3	65.3	65.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2500	15.7	52.7	62.0	64.0	66.0	66.0	66.3	66.3	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2000	15.7	54.0	63.3	65.3	67.3	67.3	67.7	67.7	67.7	68.0	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1800	15.7	54.0	63.3	65.3	67.3	67.3	67.7	67.7	67.7	68.0	68.3	68.3	68.3	68.3	68.3	68.3
≥ 1500	16.0	55.3	65.3	67.3	69.3	69.3	69.7	69.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3
≥ 1200	16.0	55.7	66.0	68.0	70.3	70.3	70.7	70.7	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 1000	16.7	57.7	71.0	72.7	76.7	76.0	76.3	76.3	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0
≥ 900	16.7	58.3	71.3	74.7	78.0	78.0	78.3	78.7	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3
≥ 800	16.7	59.7	73.7	78.3	82.0	82.0	82.3	82.7	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3
≥ 700	17.3	60.7	76.3	82.0	87.0	87.3	87.7	88.0	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7
≥ 600	17.3	61.7	76.3	82.0	88.0	88.7	89.0	89.3	89.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	17.3	61.7	77.3	83.3	90.0	90.7	92.0	92.3	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0
≥ 400	17.3	61.7	77.7	83.7	91.0	92.0	93.7	94.3	94.3	94.7	95.0	95.3	95.0	95.0	95.0	95.0
≥ 300	17.3	62.7	77.7	83.7	91.0	92.0	94.7	95.7	95.7	96.0	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	17.3	62.7	77.7	83.7	91.0	92.3	95.0	96.7	96.7	97.0	98.0	98.0	98.0	98.3	98.3	98.0
≥ 100	17.3	62.7	77.7	83.7	91.3	92.3	95.0	97.0	97.0	97.7	98.7	98.7	98.7	99.7	99.7	99.7
0	17.3	62.7	77.7	83.7	91.7	92.3	95.0	97.0	97.0	97.7	98.7	98.7	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: SEP

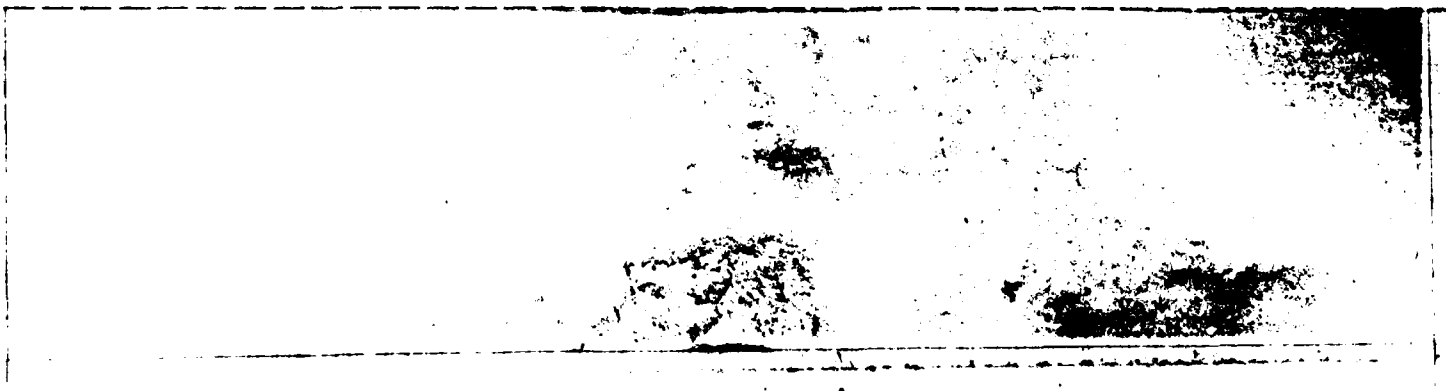
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T): ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.8	36.8	45.4	49.4	51.8	52.6	53.7	53.9	53.9	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	12.7	37.4	46.2	50.2	52.7	53.5	54.6	54.8	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	12.7	37.4	46.3	50.2	52.7	53.6	54.7	54.9	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	12.7	37.5	46.3	50.2	52.8	53.6	54.7	54.9	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	12.7	37.6	46.6	50.6	53.1	54.[illegible]	55.1	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	12.8	37.8	47.3	51.0	53.6	54.4	55.5	55.7	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	12.8	38.1	47.5	51.6	54.2	55.2	56.3	56.6	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	12.9	38.2	47.6	51.7	54.4	55.3	56.5	56.7	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2
≥ 8000	12.9	38.4	47.9	52.1	54.8	55.7	56.9	57.1	57.1	57.5	57.6	57.6	57.6	57.6	57.6	57.6
≥ 7000	13.0	38.5	48.1	52.6	55.3	56.2	57.4	57.6	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	13.1	38.7	48.3	52.7	55.4	56.4	57.5	57.8	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 5000	13.2	38.9	48.7	53.2	55.9	56.9	58.0	58.3	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8
≥ 4500	13.4	39.9	49.8	54.3	57.1	58.1	59.2	59.5	59.5	59.9	60.0	60.0	60.0	60.[illegible]	60.[illegible]	60.[illegible]
≥ 4000	13.5	40.0	49.9	54.4	57.2	58.2	59.4	59.6	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1
≥ 3500	13.5	40.5	50.4	54.9	57.7	58.7	59.9	60.2	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 3000	13.6	40.7	50.7	55.2	58.0	59.0	60.2	60.5	60.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 2500	13.7	41.5	51.6	56.2	59.1	60.1	61.4	61.7	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2
≥ 2000	13.8	42.6	52.9	57.7	60.8	62.0	63.3	63.6	63.6	64.0	64.1	64.1	64.1	64.1	64.1	64.1
≥ 1800	13.8	43.1	53.5	58.5	61.7	62.9	64.2	64.5	64.5	65.0	65.1	65.0	65.0	65.0	65.0	65.1
≥ 1500	14.0	44.0	55.6	61.4	65.1	66.5	68.1	68.5	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1200	14.1	44.6	56.5	62.9	67.2	68.9	70.6	70.9	70.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 1000	14.2	45.4	58.6	65.8	71.1	73.2	75.1	75.6	75.6	76.1	76.2	76.2	76.2	76.2	76.2	76.2
≥ 900	14.2	45.6	59.2	66.8	72.2	74.5	76.5	77.1	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7
≥ 800	14.3	46.2	60.5	68.6	74.8	77.4	79.6	80.5	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 700	14.4	46.6	61.3	70.2	77.1	80.5	83.2	84.2	84.2	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 600	14.4	46.9	61.7	70.9	78.2	82.1	85.1	86.4	86.4	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 500	14.4	46.9	62.0	71.6	79.3	83.4	87.1	88.8	88.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 400	14.4	46.9	62.1	71.7	79.6	84.0	88.4	90.5	90.6	92.2	92.5	92.5	92.5	92.5	92.5	92.5
≥ 300	14.4	46.9	62.2	71.8	79.9	84.5	89.0	92.3	92.4	94.4	94.9	95.0	95.1	95.1	95.1	95.1
≥ 200	14.4	46.9	62.2	71.8	80.0	84.7	90.1	92.8	92.9	95.2	96.0	96.1	96.4	96.4	96.4	96.5
≥ 100	14.4	46.9	62.2	71.8	80.0	84.7	90.1	92.9	93.[illegible]	95.8	96.6	96.7	97.6	98.0	98.2	98.8
0	14.4	46.9	62.2	71.8	80.0	84.7	90.1	92.9	93.[illegible]	95.8	96.6	96.7	97.8	98.2	99.8	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 2397

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
93	POINT MUGU, CALIFORNIA	73-82	OCT

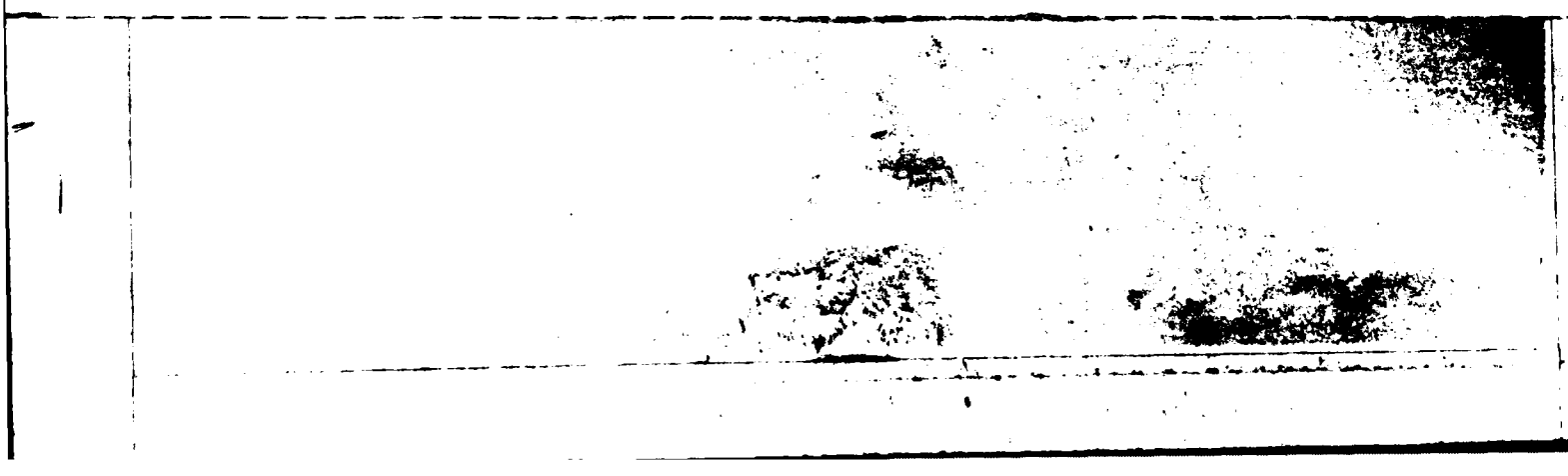
HOURS (L S T) 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.1	45.5	51.3	54.5	57.1	58.4	59.4	59.7	59.7	60.0	60.3	60.3	61.3	61.3	61.9	62.6
≥ 20000	16.1	47.1	52.9	56.1	58.7	60.0	61.0	61.3	61.3	61.6	61.9	61.9	62.9	62.9	63.6	64.2
≥ 18000	16.1	47.1	52.9	56.1	58.7	60.0	61.0	61.3	61.3	61.6	61.9	61.9	62.9	62.9	63.6	64.2
≥ 16000	16.1	47.1	52.9	56.1	58.7	60.0	61.0	61.3	61.3	61.6	61.9	61.9	62.9	62.9	63.6	64.2
≥ 14000	16.1	47.1	52.9	56.1	58.7	60.0	61.0	61.3	61.3	61.6	61.9	61.9	62.9	62.9	63.6	64.2
≥ 12000	16.1	48.4	54.2	57.4	60.0	61.3	62.3	62.6	62.6	62.9	63.2	63.2	64.2	64.2	64.8	65.5
≥ 10000	16.1	48.7	54.5	57.7	60.3	61.6	62.6	62.9	62.9	63.2	63.6	63.6	64.5	64.5	65.2	65.9
≥ 9000	16.1	48.7	54.5	57.7	60.3	61.6	62.6	62.9	62.9	63.2	63.6	63.6	64.5	64.5	65.2	65.8
≥ 8000	16.1	48.7	54.5	57.7	60.3	61.6	62.6	62.9	62.9	63.2	63.6	63.6	64.5	64.5	65.2	65.8
≥ 7000	16.1	49.0	54.8	58.1	60.7	61.9	62.9	63.2	63.2	63.6	63.9	63.9	64.8	64.8	65.5	66.1
≥ 6000	16.1	49.0	54.8	58.1	60.7	61.9	62.9	63.2	63.2	63.6	63.9	63.9	64.8	64.8	65.5	66.1
≥ 5000	16.5	49.4	55.2	58.4	61.0	62.3	63.2	63.6	63.6	63.9	64.2	64.2	65.2	65.2	65.9	66.5
≥ 4500	16.5	49.7	55.5	58.7	61.3	62.6	63.6	63.9	63.9	64.2	64.5	64.5	65.5	65.5	66.1	66.8
≥ 4000	16.5	49.7	55.5	58.7	61.3	62.6	63.6	63.9	63.9	64.2	64.5	64.5	65.5	65.5	66.1	66.9
≥ 3500	16.5	49.7	55.5	58.7	61.3	62.6	63.6	63.9	63.9	64.2	64.5	64.5	65.5	65.5	66.1	66.8
≥ 3000	16.8	50.0	56.1	59.4	61.9	63.2	64.2	64.5	64.5	64.8	65.2	65.2	66.1	66.1	66.8	67.4
≥ 2500	16.8	50.7	56.8	60.0	62.6	63.9	64.8	65.2	65.2	65.5	65.8	65.8	66.8	66.8	67.4	68.1
≥ 2000	16.8	51.0	57.7	61.6	64.8	66.1	67.1	67.4	67.4	67.7	68.1	68.1	69.0	69.0	69.7	70.3
≥ 1800	16.9	51.6	57.7	61.6	64.8	66.1	67.1	67.7	67.7	68.1	68.4	68.4	69.4	69.4	70.0	70.7
≥ 1500	16.9	52.9	59.4	63.9	67.1	68.7	69.7	70.3	70.3	70.7	71.0	71.0	71.9	71.9	72.6	73.3
≥ 1200	16.9	53.2	60.3	65.2	68.4	70.0	71.3	71.9	71.9	72.3	72.6	72.6	73.6	73.6	74.2	74.8
≥ 1000	16.9	54.2	61.9	67.1	71.3	72.9	74.2	74.8	74.8	75.2	75.5	75.5	76.5	76.5	77.1	77.7
≥ 900	16.9	54.2	61.9	67.1	71.3	72.9	74.2	74.8	74.8	75.2	75.5	75.5	76.5	76.5	77.1	77.7
≥ 800	16.9	54.5	62.3	68.1	73.2	74.8	76.5	77.1	77.1	77.4	77.7	77.7	78.7	78.7	79.4	80.0
≥ 700	16.9	54.5	63.2	69.0	74.5	76.1	78.4	79.0	79.0	79.4	79.7	79.7	80.7	80.7	81.3	81.9
≥ 600	16.9	54.5	63.2	69.0	75.5	77.1	80.3	81.0	81.0	81.3	81.6	81.6	82.6	82.6	83.2	83.9
≥ 500	16.9	54.5	63.2	69.0	75.8	77.4	81.6	82.3	82.3	82.6	82.9	82.9	83.9	83.9	84.5	85.2
≥ 400	16.9	54.5	63.2	69.0	75.8	77.4	82.6	83.6	83.6	84.2	84.5	84.5	85.5	85.5	86.1	86.8
≥ 300	16.9	54.5	63.5	69.4	76.5	78.1	84.5	85.5	85.5	87.1	87.4	87.4	88.7	88.7	89.4	90.0
≥ 200	16.9	54.5	63.6	69.4	76.5	78.1	84.9	86.1	86.1	88.4	89.0	89.0	90.7	90.7	91.3	91.9
≥ 100	16.9	54.5	63.6	69.4	76.8	78.4	85.2	86.5	86.8	89.0	89.7	89.7	91.9	91.9	93.6	94.8
0	16.9	54.5	63.6	69.4	76.8	78.4	85.2	86.5	86.8	89.0	89.7	89.7	91.9	91.9	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) OCT (MONTH)

[illegible] (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.8	42.6	46.5	49.7	52.9	53.6	54.5	55.2	55.2	55.2	55.2	55.2	56.1	56.1	56.1	56.5
≥ 20000	14.8	43.9	48.1	51.6	54.8	55.8	56.8	57.4	57.4	57.4	57.4	57.4	58.4	58.4	58.4	58.7
≥ 18000	14.8	43.9	48.1	51.6	54.8	55.8	56.8	57.4	57.4	57.4	57.4	57.4	58.4	58.4	58.4	58.7
≥ 16000	14.8	43.9	48.1	51.6	54.8	55.8	56.8	57.4	57.4	57.4	57.4	57.4	58.4	58.4	58.4	58.7
≥ 14000	14.8	43.9	48.4	51.9	55.2	56.1	57.1	57.7	57.7	57.7	57.7	57.7	58.7	58.7	58.7	59.1
≥ 12000	14.8	45.5	51.0	53.6	56.8	57.7	58.7	59.4	59.4	59.4	59.4	59.4	60.3	60.3	60.3	60.7
≥ 10000	14.8	45.5	51.0	53.6	56.8	57.7	58.7	59.4	59.4	59.4	59.4	59.4	60.3	60.3	60.3	60.7
≥ 9000	14.8	45.5	51.0	53.6	56.8	57.7	58.7	59.4	59.4	59.4	59.4	59.4	60.3	60.3	60.3	60.7
≥ 8000	14.8	45.8	50.3	53.9	57.4	58.4	59.4	60.0	60.0	60.0	60.0	60.0	61.0	61.0	61.0	61.3
≥ 7000	14.8	45.8	50.3	53.9	57.4	58.4	59.4	60.0	60.0	60.0	60.0	60.0	61.0	61.0	61.0	61.3
≥ 6000	14.8	45.8	50.3	53.9	57.4	58.4	59.4	60.0	60.0	60.0	60.0	60.0	61.0	61.0	61.0	61.3
≥ 5000	14.8	46.1	51.0	54.5	58.1	59.1	60.0	60.7	60.7	60.7	60.7	60.7	61.6	61.6	61.6	61.9
≥ 4500	14.8	46.5	51.3	55.3	59.0	60.0	61.0	61.6	61.6	61.6	61.6	61.6	62.6	62.6	62.6	62.9
≥ 4000	14.8	46.5	51.6	55.6	59.4	60.3	61.3	61.9	61.9	61.9	61.9	61.9	62.9	62.9	62.9	63.2
≥ 3500	14.8	46.5	51.6	55.8	59.4	60.3	61.3	61.9	61.9	61.9	61.9	61.9	62.9	62.9	62.9	63.2
≥ 3000	14.8	47.1	52.3	56.8	60.3	61.3	62.3	62.9	62.9	62.9	62.9	62.9	63.9	63.9	63.9	64.2
≥ 2500	14.8	47.7	52.9	57.7	61.3	62.3	63.6	64.2	64.2	64.2	64.2	64.2	65.2	65.2	65.2	65.5
≥ 2000	14.8	49.1	54.2	58.7	63.2	64.2	65.5	66.1	66.1	66.5	66.5	66.5	67.4	67.4	67.4	67.7
≥ 1800	14.8	49.1	54.2	60.0	63.6	64.5	65.8	66.5	66.5	66.8	66.8	66.8	67.7	67.7	67.7	68.1
≥ 1500	14.8	50.3	55.8	62.3	66.1	67.4	69.7	70.3	70.3	70.7	70.7	70.7	71.6	71.6	71.6	71.9
≥ 1200	14.8	50.3	55.8	62.3	66.1	67.4	69.7	70.3	70.3	70.7	70.7	70.7	71.6	71.6	71.6	71.9
≥ 1000	14.8	51.0	56.8	63.6	67.7	69.4	72.3	72.9	72.9	73.2	73.2	73.2	74.2	74.2	74.2	74.5
≥ 900	14.8	51.0	57.1	64.5	69.0	71.0	73.9	74.5	74.5	74.8	74.8	74.8	75.8	75.8	75.8	76.1
≥ 800	14.8	51.0	57.1	65.2	70.3	72.3	76.1	76.8	76.8	77.1	77.1	77.1	78.1	78.1	78.1	78.4
≥ 700	14.8	51.0	57.1	65.2	71.0	72.9	77.4	78.1	78.1	78.4	78.4	78.4	79.4	79.4	79.4	79.7
≥ 600	14.8	51.0	57.1	65.2	71.9	73.9	78.7	79.4	79.4	79.7	80.0	80.0	81.0	81.0	81.0	81.3
≥ 500	14.8	51.0	57.1	65.2	72.3	74.5	80.7	81.3	81.3	81.6	81.9	81.9	82.9	82.9	82.9	83.2
≥ 400	14.8	51.0	57.1	65.2	72.3	74.5	81.6	82.6	82.6	82.9	83.2	83.2	84.2	84.2	84.2	84.5
≥ 300	14.8	51.0	57.1	65.2	72.3	74.5	82.3	83.6	83.6	84.5	84.8	84.8	86.1	86.1	86.1	86.5
≥ 200	14.8	50.0	57.1	65.2	72.3	74.5	82.9	84.5	84.5	86.1	86.5	86.5	88.1	88.1	88.1	88.4
≥ 100	14.8	50.0	57.1	65.2	72.3	74.5	83.2	84.8	84.8	87.1	87.7	87.7	91.3	91.3	91.9	92.9
0	14.8	50.0	57.1	65.2	72.3	74.5	83.2	84.8	84.8	87.1	87.7	87.7	91.6	91.6	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 312

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-92	OCT

HOURS (LST) 7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	21.[illegible]	37.8	41.3	44.6	47.4	48.7	50.3	50.7	51.3	53.6	54.5	54.5	54.5	54.5	54.5	55.9
≥ 20000	21.3	37.8	43.2	46.5	49.4	50.7	52.3	52.6	52.9	55.5	56.5	56.5	56.5	56.5	56.5	57.4
≥ 18000	21.3	37.8	43.2	46.5	49.4	50.7	52.3	52.6	52.9	55.5	56.5	56.5	56.5	56.5	56.5	57.4
≥ 16000	21.3	37.8	43.2	46.5	49.4	50.7	52.3	52.6	52.9	55.5	56.5	56.5	56.5	56.5	56.5	57.4
≥ 14000	21.6	40.0	44.2	47.4	50.7	51.9	53.6	53.9	54.2	56.8	57.7	57.7	57.7	57.7	57.7	58.7
≥ 12000	21.6	40.3	44.5	47.7	51.0	52.3	53.9	54.2	54.5	57.1	58.4	58.4	58.4	58.4	58.4	59.4
≥ 10000	21.6	41.3	45.2	48.4	51.9	53.2	54.8	55.2	55.3	58.4	59.4	59.4	59.4	59.4	59.4	60.3
≥ 9000	21.6	41.3	45.5	48.7	52.3	53.6	55.2	55.5	55.8	58.7	59.7	59.7	59.7	59.7	59.7	60.7
≥ 8000	21.6	41.3	45.8	49.0	52.6	53.9	55.5	55.8	56.1	59.0	60.0	60.0	60.0	60.0	60.0	61.0
≥ 7000	21.9	42.3	46.8	50.0	53.6	54.8	56.5	56.8	57.1	60.0	61.0	61.0	61.0	61.0	61.0	61.9
≥ 6000	21.9	42.3	46.8	50.0	53.6	54.8	56.5	56.8	57.1	60.0	61.0	61.0	61.0	61.0	61.0	61.9
≥ 5000	21.9	42.3	46.8	50.0	53.6	54.8	56.5	57.1	57.4	60.3	61.3	61.3	61.3	61.3	61.3	62.3
≥ 4500	21.9	42.3	46.9	50.3	53.9	55.2	56.8	57.4	57.7	60.7	61.6	61.6	61.6	61.6	61.6	62.6
≥ 4000	21.9	42.3	46.9	50.3	53.9	55.2	56.8	57.4	57.7	60.7	61.6	61.6	61.6	61.6	61.6	62.6
≥ 3500	21.9	42.3	46.8	50.3	53.9	55.2	56.8	57.7	58.1	61.0	61.9	61.9	61.9	61.9	61.9	62.9
≥ 3000	21.9	42.6	47.4	51.0	54.8	56.1	57.7	58.7	59.0	61.9	62.9	62.9	62.9	62.9	62.9	63.9
≥ 2500	21.9	42.6	48.1	51.6	55.8	57.1	58.7	59.7	60.0	62.9	63.9	63.9	63.9	63.9	63.9	64.8
≥ 2000	21.9	42.9	48.7	52.3	56.8	58.7	61.3	62.6	62.9	66.1	67.1	67.1	67.1	67.1	67.1	68.1
≥ 1800	21.9	42.9	48.7	52.6	57.4	59.4	61.9	63.2	63.6	67.4	68.4	68.4	68.4	68.4	68.4	69.4
≥ 1500	21.9	43.6	49.7	54.2	59.7	61.6	65.2	66.5	66.8	71.0	72.3	72.3	72.3	72.3	72.3	73.2
≥ 1200	21.9	43.6	50.0	54.5	60.3	62.6	66.5	67.7	68.1	71.9	73.6	73.6	73.6	73.6	73.6	74.5
≥ 1000	21.9	43.6	50.0	54.5	60.3	62.9	67.4	69.0	69.4	73.6	75.2	75.2	75.2	75.2	75.2	76.3
≥ 900	21.9	43.6	50.0	54.5	60.3	62.9	68.1	70.0	70.3	74.5	76.5	76.5	76.5	76.5	76.5	78.1
≥ 800	21.9	44.2	51.1	55.5	61.3	64.2	69.4	71.6	71.9	76.4	78.1	78.1	78.1	78.4	78.1	79.7
≥ 700	21.9	44.2	51.1	55.8	61.6	64.5	70.3	72.9	73.2	77.7	79.7	79.7	79.7	79.7	79.7	81.3
≥ 600	21.9	44.2	51.0	55.8	61.6	64.8	70.7	74.2	74.5	79.4	81.3	81.3	81.3	81.3	81.3	82.9
≥ 500	21.9	44.2	51.0	55.8	61.9	65.2	71.0	74.8	75.2	80.3	82.3	82.3	82.3	82.3	82.3	83.9
≥ 400	21.9	44.2	51.0	55.8	61.9	65.2	71.0	74.8	75.2	81.0	83.6	83.6	83.6	83.6	83.6	85.2
≥ 300	21.9	44.2	51.1	55.8	61.9	65.5	71.6	75.5	75.8	81.9	84.8	84.8	84.8	85.2	85.2	86.8
≥ 200	21.9	44.2	51.1	55.8	61.9	65.5	71.6	75.8	76.1	82.6	86.5	86.5	86.5	87.1	87.4	87.7	89.4
≥ 100	21.9	44.2	51.1	55.8	61.9	65.5	71.6	75.8	76.1	82.6	86.8	86.3	88.1	88.7	89.4	93.2
≥ 0	21.9	44.2	51.0	55.8	61.9	65.5	71.6	75.8	76.1	82.6	86.8	86.8	88.4	89.[illegible]	90.3	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

HOURS (LST) 20

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	19.7	42.3	51.7	53.9	61.3	62.3	63.9	64.2	64.2	64.5	64.5	64.5	64.8	64.8	64.8	64.8
≥ 20000	19.7	42.3	51.3	54.3	61.7	63.2	64.8	65.2	65.2	65.5	65.5	65.5	65.8	65.8	65.8	65.8
≥ 18000	19.7	42.9	51.3	54.3	61.3	63.6	65.2	65.5	65.5	65.8	65.8	65.8	66.1	66.1	66.1	66.1
≥ 16000	19.7	42.9	51.6	54.6	61.3	63.9	65.5	65.8	65.8	66.1	66.1	66.1	66.5	66.5	66.5	66.5
≥ 14000	19.7	44.5	53.2	56.5	63.2	65.8	67.4	67.7	67.7	68.1	68.1	68.1	68.4	68.4	68.4	68.4
≥ 12000	21.0	45.8	53.9	57.1	63.9	66.5	68.4	68.7	68.7	69.0	69.0	69.0	69.4	69.4	69.4	69.4
≥ 10000	21.0	45.8	54.5	57.7	64.5	67.1	69.0	69.4	69.4	69.7	69.7	69.7	70.0	70.0	70.0	70.0
≥ 9000	21.0	45.8	54.5	57.7	64.5	67.1	69.0	69.4	69.4	69.7	69.7	69.7	70.0	70.0	70.0	70.0
≥ 8000	21.3	46.1	54.8	58.1	64.8	67.4	69.4	69.7	69.7	70.0	70.0	70.0	70.3	70.3	70.3	70.3
≥ 7000	21.3	46.5	55.5	58.7	65.5	68.1	70.0	70.3	70.3	70.7	70.7	70.7	71.0	71.0	71.0	71.0
≥ 6000	21.3	46.5	55.5	58.7	65.5	68.1	70.0	70.3	70.3	70.7	70.7	70.7	71.0	71.0	71.0	71.0
≥ 5000	21.3	46.5	55.8	59.0	65.8	68.4	70.3	70.7	70.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3
≥ 4500	21.3	46.5	55.8	59.0	65.8	68.4	70.3	70.7	70.7	71.0	71.0	71.0	71.3	71.3	71.3	71.3
≥ 4000	21.3	46.5	55.8	59.0	65.8	68.4	70.7	71.0	71.0	71.3	71.3	71.3	71.6	71.6	71.6	71.6
≥ 3500	21.3	46.5	56.1	59.4	66.1	68.7	71.0	71.3	71.3	71.6	71.6	71.6	71.9	71.9	71.9	71.9
≥ 3000	21.3	47.1	56.4	60.0	67.1	69.7	72.3	72.6	72.6	72.9	72.9	72.9	73.2	73.2	73.2	73.2
≥ 2500	21.3	47.4	59.1	61.6	68.4	71.3	73.9	74.5	74.5	74.8	74.8	74.8	75.2	75.2	75.2	75.2
≥ 2000	22.3	49.0	59.4	62.9	70.3	73.2	76.1	76.8	76.8	77.1	77.1	77.1	77.4	77.4	77.4	77.4
≥ 1800	22.3	49.0	59.4	62.9	70.3	73.6	76.8	77.4	77.4	77.7	77.7	77.7	78.1	78.1	78.1	78.1
≥ 1500	22.3	49.4	61.0	64.5	72.9	76.1	79.7	80.7	80.7	81.0	81.0	81.0	81.3	81.3	81.3	81.3
≥ 1200	22.3	49.4	61.0	64.8	73.9	77.1	81.0	82.6	82.6	82.9	82.9	82.9	83.2	83.2	83.2	83.2
≥ 1000	22.3	49.7	61.6	65.5	74.5	78.1	82.9	84.6	84.8	85.2	85.2	85.2	85.5	85.5	85.5	85.5
≥ 900	22.3	49.7	61.6	65.5	74.5	78.1	83.6	85.5	85.5	85.8	85.8	85.8	86.1	86.1	86.1	86.1
≥ 800	22.3	49.7	61.6	65.5	74.5	78.1	83.6	86.1	86.1	86.5	86.5	86.5	86.8	86.8	86.8	86.8
≥ 700	22.3	49.7	61.9	66.1	75.2	78.7	84.8	87.7	87.7	88.4	88.4	88.4	88.7	88.7	88.7	88.7
≥ 600	22.3	49.7	61.9	66.1	75.2	79.4	85.5	89.7	89.7	90.7	91.0	91.0	91.3	91.3	91.3	91.3
≥ 500	22.3	49.7	61.9	66.1	75.2	79.4	85.5	90.7	91.0	93.2	93.9	93.9	94.2	94.2	94.2	94.2
≥ 400	22.3	49.7	61.9	66.1	75.2	79.4	85.8	91.3	91.9	94.5	95.8	95.8	96.1	96.1	96.1	96.1
≥ 300	22.3	49.7	61.9	66.1	75.2	79.4	86.5	92.3	93.2	95.8	97.4	97.4	98.1	96.1	98.1	98.1
≥ 200	22.3	49.7	61.9	66.1	75.2	79.4	86.5	92.3	93.2	96.1	98.1	98.1	98.7	98.7	98.7	98.7
≥ 100	22.3	49.7	61.9	66.1	75.2	79.4	86.5	92.3	93.2	96.1	98.7	98.7	99.4	99.7	99.7	99.7
≥ 0	22.3	49.7	61.9	66.1	75.2	79.4	86.5	92.3	93.2	96.1	98.7	98.7	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 320

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	OCT

HOURS (LST) 12

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	23.5	51.0	61.3	64.8	72.3	72.3	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	23.7	52.3	62.9	67.4	73.6	75.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	24.2	52.6	63.2	67.7	73.9	75.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	24.2	52.6	63.2	67.7	74.2	76.1	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	24.2	53.6	64.2	68.6	75.5	77.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	24.2	53.6	64.2	69.0	75.5	77.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	24.5	54.5	65.5	70.3	76.8	79.1	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 9000	24.5	54.5	65.5	70.3	76.8	79.1	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	24.9	54.8	65.9	70.7	77.1	79.4	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	24.9	54.8	65.8	70.7	77.1	79.4	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	24.9	54.8	65.8	70.7	77.1	79.4	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	24.9	54.9	65.8	70.7	77.1	79.4	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	24.9	54.8	65.8	70.7	77.1	79.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	25.2	55.2	66.1	71.4	77.4	80.0	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	25.2	55.2	66.1	71.4	77.4	80.0	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	25.2	56.1	67.4	72.3	78.7	81.3	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	25.2	56.5	67.7	72.9	79.4	81.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	25.5	57.1	68.4	73.6	80.0	82.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	25.5	57.1	68.4	73.6	80.0	82.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	25.5	57.1	68.7	74.2	81.0	83.6	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	25.5	57.1	68.7	74.2	81.3	84.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	25.9	57.4	69.4	75.2	82.6	86.8	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	25.9	57.4	69.4	75.2	82.6	86.8	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 800	25.9	57.4	69.4	75.2	83.6	87.7	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 700	25.9	57.4	69.4	75.2	83.6	88.4	92.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	25.9	57.4	69.4	75.2	83.9	89.4	93.6	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 500	25.9	57.4	69.4	75.2	83.9	89.7	93.9	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	25.9	57.4	69.4	75.2	84.2	90.7	94.8	96.8	96.8	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 300	25.9	57.4	69.4	75.2	84.2	90.7	94.8	97.1	97.1	97.7	98.1	98.1	98.4	98.4	98.4	98.4
≥ 200	25.9	57.4	69.4	75.2	84.2	91.0	95.2	97.4	97.4	98.7	99.1	99.1	99.4	99.4	99.4	99.4
≥ 100	25.9	57.4	69.4	75.2	84.2	91.0	95.2	97.4	97.4	99.1	99.4	99.4	99.7	99.7	99.7	99.7
0	25.9	57.4	69.4	75.2	84.2	91.0	95.2	97.4	97.4	99.0	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] POINT MUGU, CALIFORNIA (STATION NAME) 77-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	26.7	51.0	55.1	63.3	68.8	71.4	72.7	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	27.3	53.6	62.0	66.2	72.7	75.3	76.6	77.3	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	27.3	54.6	63.0	67.2	73.7	76.3	77.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	27.3	54.6	63.0	67.2	73.7	76.3	77.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	27.3	55.2	63.6	67.9	74.7	77.3	78.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	27.6	55.8	64.3	68.8	75.7	78.3	79.6	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 10000	27.6	56.5	64.9	69.5	76.6	79.2	80.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 9000	27.6	56.5	64.9	69.5	76.6	79.2	80.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	27.6	56.5	64.9	69.5	76.6	79.2	80.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 7000	27.6	56.8	65.3	69.8	77.3	79.6	80.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	27.6	56.8	65.3	69.8	77.3	79.6	80.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	27.6	56.8	65.3	69.8	77.3	79.6	80.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	27.9	57.1	65.6	70.1	77.9	80.5	81.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	27.9	57.1	65.6	70.8	77.9	80.5	81.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	27.9	57.9	65.9	71.1	78.3	80.8	82.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	28.3	57.8	66.2	71.4	78.6	81.2	82.5	83.4	83.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2500	28.4	58.6	67.2	73.4	79.6	82.1	83.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	28.9	59.7	68.2	73.4	80.5	83.1	84.4	85.7	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	28.9	59.7	68.2	73.4	80.5	83.1	84.4	85.7	85.7	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1500	28.9	59.7	68.2	73.4	81.5	84.1	85.7	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	28.9	61.1	68.8	74.1	82.1	85.1	86.7	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	29.2	61.4	69.5	74.7	84.1	87.1	89.1	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	29.2	61.4	69.5	75.1	84.4	87.3	89.3	90.6	91.2	91.5	91.2	91.2	91.2	91.2	91.2	91.2
≥ 800	29.2	61.7	69.8	75.3	85.1	88.1	89.9	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 700	29.2	61.7	69.8	75.3	85.1	88.3	90.9	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 600	29.2	61.7	69.8	75.3	85.4	88.6	91.2	93.2	93.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	29.2	61.7	69.8	75.7	85.7	89.3	92.7	94.2	94.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	29.2	61.7	69.8	75.7	85.7	89.6	92.9	95.1	95.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 300	29.2	61.7	69.8	75.7	85.7	89.6	93.5	96.4	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	29.2	61.7	69.8	76.1	86.1	89.9	93.8	97.1	97.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	29.2	61.7	69.8	76.1	86.1	89.9	93.8	97.1	97.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	29.2	61.7	69.8	76.4	86.3	89.9	93.8	97.1	97.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: OCT | HOURS (L S T): [illegible]

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	21.5	54.4	61.	63.9	65.8	66.5	67.4	67.7	67.7	67.7	67.7	67.7	68.4	68.4	68.4	68.4
≥ 20000	22.9	56.1	65.2	68.1	70.3	71.3	72.3	72.6	72.6	72.6	72.6	72.6	73.2	73.2	73.2	73.2
≥ 18000	22.9	56.7	65.8	68.7	71.0	71.9	72.9	73.2	73.2	73.2	73.2	73.2	73.9	73.9	73.9	73.9
≥ 16000	22.9	56.7	65.8	68.7	71.0	71.9	72.9	73.2	73.2	73.2	73.2	73.2	73.9	73.9	73.9	73.9
≥ 14000	22.9	59.0	66.1	69.0	71.3	72.3	73.2	73.5	73.8	73.8	73.8	73.8	74.2	74.2	74.2	74.2
≥ 12000	23.2	59.7	67.1	70.0	72.3	73.2	74.2	74.5	74.5	74.5	74.5	74.5	75.2	75.2	75.2	75.2
≥ 10000	23.2	60.0	67.4	70.3	72.6	73.6	74.5	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 9000	23.2	60.0	67.4	70.3	72.6	73.6	74.5	74.8	74.8	74.8	74.8	74.8	75.5	75.5	75.5	75.5
≥ 8000	23.2	60.0	67.7	70.7	72.9	73.9	74.8	75.2	75.2	75.2	75.2	75.2	75.8	75.8	75.8	75.8
≥ 7000	23.2	60.3	68.1	71.0	73.2	74.2	75.2	75.5	75.5	75.5	75.5	75.5	76.1	76.1	76.1	76.1
≥ 6000	23.2	60.3	68.1	71.0	73.6	74.5	75.5	75.8	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5
≥ 5000	23.2	60.3	68.1	71.0	73.6	74.5	75.5	75.8	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5
≥ 4500	23.2	60.3	68.1	71.0	73.6	74.5	75.5	75.8	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5
≥ 4000	23.2	60.3	68.1	71.0	73.6	74.5	75.5	75.8	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5
≥ 3500	23.6	61.0	68.7	71.6	74.2	75.2	76.1	76.5	76.5	76.5	76.5	76.5	77.1	77.1	77.1	77.1
≥ 3000	23.6	61.0	69.0	71.9	74.5	75.5	76.8	77.1	77.1	77.1	77.1	77.1	77.7	77.7	77.7	77.7
≥ 2500	24.2	62.3	70.7	73.6	76.1	77.1	78.4	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.4	79.4
≥ 2000	24.6	63.6	71.6	74.5	77.1	78.1	79.4	79.7	79.7	79.7	79.7	79.7	80.3	80.3	80.3	80.3
≥ 1800	24.9	63.9	71.9	74.8	77.4	78.4	79.7	80.0	80.0	80.0	80.0	80.0	80.7	80.7	80.7	80.7
≥ 1500	25.2	64.8	73.2	76.5	79.0	80.0	81.6	81.9	81.9	81.9	81.9	81.9	82.6	82.6	82.6	82.6
≥ 1200	25.2	64.8	73.6	76.8	79.7	80.7	82.3	82.6	82.6	82.6	82.6	82.6	83.2	83.2	83.2	83.2
≥ 1000	25.2	64.8	73.9	77.1	80.7	82.3	84.2	84.5	84.5	84.5	84.5	84.5	85.2	85.2	85.2	85.2
≥ 900	25.2	65.2	74.2	77.4	81.0	82.9	84.8	85.2	85.2	85.2	85.2	85.2	85.8	85.8	85.8	85.8
≥ 800	25.2	65.5	74.8	78.1	83.2	85.2	87.4	87.7	87.7	87.7	87.7	87.7	88.4	88.4	88.4	88.4
≥ 700	25.2	65.8	75.2	78.5	83.9	85.6	88.4	89.1	89.1	89.4	89.4	89.4	90.0	90.0	90.0	90.0
≥ 600	25.2	65.8	75.2	78.5	84.2	86.6	90.0	90.7	90.7	91.0	91.0	91.0	91.6	91.6	91.6	91.6
≥ 500	25.2	65.8	75.2	79.4	84.5	87.4	91.0	91.6	91.6	92.9	91.9	91.9	92.6	92.6	92.6	92.6
≥ 400	25.2	65.8	75.2	79.4	84.5	87.7	91.6	92.3	92.3	92.6	92.6	92.6	93.2	93.2	93.2	93.2
≥ 300	25.2	65.8	75.2	79.4	84.5	87.7	92.3	93.6	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8
≥ 200	25.2	65.8	75.2	79.4	84.5	87.7	93.6	95.8	95.8	96.8	96.8	96.8	98.1	98.1	98.1	98.1
≥ 100	25.2	65.8	75.2	79.4	84.5	87.7	93.6	95.8	95.8	97.1	97.1	97.1	98.7	98.7	99.	99.4
≥ 0	25.2	65.8	75.2	79.4	84.5	87.7	93.6	95.8	95.8	97.1	97.1	97.1	98.7	98.7	99.4	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1 . 7	1 . .	57.7	59.7	61.9	62.6	63.6	63. .	63.6	64.2	64.5	64.5	64.5	64.5	64.5	. . 7
≥ 20000	13.7	53.2	6 . .	61.5	64.5	65.2	66.1	66.1	66.1	66.8	67.1	67.1	67.1	67.1	67.1	67.7
≥ 18000	20.2	53.7	60.7	62.8	65.2	65.8	66.8	66.8	66.8	67.4	67.7	67.7	67.7	67.7	67.7	68.4
≥ 16000	20.2	53.9	60.7	62.8	65.2	65.8	66.8	66.8	66.8	67.4	67.7	67.7	67.7	67.7	67.7	68.4
≥ 14000	20.2	53.9	60.7	62.8	65.5	66.1	67.1	67.1	67.1	67.7	68.1	68.1	68.1	68.1	68.1	68.7
≥ 12000	20.2	54.5	61.3	63.2	66.1	66.8	67.7	67.7	67.7	68.4	68.7	68.7	68.7	68.7	68.7	69.4
≥ 10000	20.2	54.9	61.6	63.8	66.5	67.1	68.1	68.1	68.1	68.7	69.	69. .	69.5	69. .	69.1	69.7
≥ 9000	20.3	55. .	61.9	63. .	66.9	67.4	68.4	68.4	68.4	69.	69.4	69.4	69.4	69.4	69.8	7 . .
≥ 8000	20.3	55. .	61.9	63. .	66.9	67.4	68.4	68.4	68.4	69. .	69.4	69.4	69.4	69.4	69.4	7 . .
≥ 7000	20.3	55.5	62.3	64.2	67.1	67.7	68.7	68.7	68.7	69.4	69.7	69.7	69.7	69.7	69.7	7 . .
≥ 6000	20.3	55.5	62.3	64.2	67.1	67.7	68.7	68.7	68.7	69.4	6 . 7	69.7	69.7	69.7	69.7	7 . .
≥ 5000	20.3	55.5	62.3	64.2	67.1	67.7	68.7	68.7	68.7	69.4	69.7	69.7	69.7	69.7	69.7	7 . .
≥ 4500	20.3	55.5	62.3	64.2	67.1	67.7	68.7	68.7	68.7	69.4	69.7	69.7	69.7	69.7	69.7	7 . .
≥ 4000	20.3	55.5	62.3	64.2	67.1	67.7	68.7	68.7	68.7	69.4	69.7	69.7	69.7	69.7	69.7	7 . .
≥ 3500	20.7	55.9	62.6	64.5	67.4	68.1	69.1	69.1	69.1	69.7	70. .	70. .	70.0	7 . .	7 . .	7 . .
≥ 3000	20.7	55.9	62.9	64.8	67.7	68.4	69.4	69.4	69.4	7 . .	70. .	70.3	70.3	70.3	7 . .	7 . .
≥ 2500	21.1	56.3	63.9	65.8	68.7	69.4	7 . .	7 . .	7 . .	7 . .	71.3	71.3	71.3	71.3	71.3	7 . .
≥ 2000	21.3	56.4	65.2	67.1	70.0	70.7	71.6	71.6	71.6	72.3	72.6	72.6	72.6	72.6	72.6	73.2
≥ 1800	21.3	56.4	65.2	67.1	70.0	70.7	71.6	71.6	71.6	72.3	72.6	72.6	72.6	72.6	72.6	73.2
≥ 1500	21.4	56.4	67.4	69.4	72.6	73. .	74.5	74.8	74.8	75.5	75.8	75.8	75.8	75.8	75.8	7 . .
≥ 1200	21.4	56.7	69. .	71.0	74.2	75.2	76.8	77.1	77.1	77.7	78.1	78. .	78.1	78.1	78.1	7 . .
≥ 1000	21.8	61.4	71.8	73.2	76.5	77.4	79. .	79.4	79.4	8 . .	8 . 3	8 . 3	8 . 3	8 . 3	8 . 3	8 . .
≥ 900	21.8	56.8	71.8	73.6	76.8	77.7	79.4	79.7	79.7	8 . 3	8 . 7	8 . 7	8 . 7	8 . 7	8 . 7	8 . .
≥ 800	22.3	62.4	71.9	73.2	79.4	80.7	82.6	82.9	82.9	83.6	83.9	83.9	83.9	83.9	83.9	84.5
≥ 700	22.3	62.4	71.9	73.2	79.4	81.7	82.6	83.2	83.2	83.9	84.2	84.2	84.2	84.2	84.2	84.8
≥ 600	22.3	62.4	72.9	76.1	81.7	82.3	84.5	85.2	85.2	85.8	86.1	86.1	86.1	86.1	86.1	86.8
≥ 500	22.3	63.0	73.2	76.5	81.9	82.9	86.1	86.8	86.8	87.4	87.7	87.7	87.7	87.7	87.7	88.4
≥ 400	22.3	63.0	73.6	77.1	81.6	83.6	87.1	87.7	87.7	88.4	88.7	88.7	88.7	88.7	88.7	89.4
≥ 300	22.3	63.0	73.6	77.4	82.3	84.2	88.3	90.3	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.9
≥ 200	22.3	63.0	73.6	77.4	82.3	84.2	89.7	92.3	92.3	93.2	93.6	93.6	93.9	93.9	93.9	94.5
≥ 100	22.3	63.0	73.6	77.4	82.3	84.2	89.7	92.3	92.3	93.6	93.9	93.9	94.6	94.6	95.2	95.8
≥ 0	22.3	63.0	73.8	77.4	82.3	84.2	89.7	92.3	92.3	93.6	93.9	93.9	94.8	94.8	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION [illegible] STATION NAME [illegible], CALIFORNIA YEARS 73-82 MONTH OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (LST) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	53.8	[illegible]	[illegible]	62.3	63.2	63.6	63.9	64.1	64.3	64.3	64.7	64.7	64.8	65.1
≥ 20000	[illegible]	43.3	55.7	59.[illegible]	63.1	64.6	65.9	[illegible]	66.3	66.8	67.[illegible]	67.[illegible]	67.4	67.4	67.5	67.9
≥ 18000	[illegible]	[illegible]	[illegible]	59.4	63.4	65.[illegible]	66.2	66.6	66.7	67.[illegible]	67.4	67.4	67.8	67.8	67.8	68.[illegible]
≥ 16000	[illegible]	[illegible]	56.3	59.4	63.5	65.1	66.3	66.7	66.8	67.3	67.5	67.5	67.8	67.8	[illegible]	68.2
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	64.3	65.[illegible]	67.1	67.5	67.6	68.1	68.3	68.[illegible]	68.6	68.6	68.7	69.1
≥ 12000	[illegible]	[illegible]	57.4	[illegible]	65.1	66.7	68.0	68.4	68.4	69.0	69.2	69.2	69.5	69.5	69.6	69.9
≥ 10000	[illegible]	[illegible]	[illegible]	61.4	65.7	67.3	68.6	69.[illegible]	69.1	69.6	69.8	69.8	70.2	70.[illegible]	70.3	70.6
≥ 9000	[illegible]	[illegible]	58.0	61.5	65.8	67.4	68.7	69.1	69.1	69.7	69.9	69.9	70.3	70.[illegible]	70.3	70.7
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	66.1	67.6	68.9	69.3	69.4	69.9	70.[illegible]	70.[illegible]	70.5	70.5	70.6	70.9
≥ 7000	[illegible]	[illegible]	58.6	62.[illegible]	66.4	68.[illegible]	69.3	69.7	69.7	70.3	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	71.[illegible]
≥ 6000	[illegible]	[illegible]	58.6	[illegible]	66.5	68.[illegible]	[illegible]	69.7	69.8	70.3	70.5	70.5	70.9	70.[illegible]	71.[illegible]	71.3
≥ 5000	[illegible]	[illegible]	58.8	62.2	66.6	68.2	69.5	69.9	70.[illegible]	70.5	70.[illegible]	70.7	71.1	71.1	71.2	71.5
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	67.[illegible]	68.5	[illegible]	70.3	70.3	70.[illegible]	71.1	71.1	71.4	71.[illegible]	71.5	71.8
≥ 4000	[illegible]	[illegible]	59.[illegible]	62.6	67.[illegible]	68.6	70.0	70.4	70.5	71.[illegible]	71.[illegible]	71.2	71.6	71.5	71.7	72.[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	62.8	67.2	68.9	70.2	70.7	70.7	71.3	71.5	71.5	71.8	71.8	71.9	72.2
≥ 3000	[illegible]	[illegible]	59.8	63.5	68.[illegible]	69.6	71.0	71.5	71.5	72.1	72.3	72.3	72.7	72.7	72.9	73.1
≥ 2500	[illegible]	[illegible]	[illegible]	64.5	69.[illegible]	70.6	72.1	72.6	72.6	73.2	73.5	73.5	73.8	73.8	73.9	74.[illegible]
≥ 2000	[illegible]	[illegible]	61.7	65.0	70.[illegible]	72.1	73.7	74.3	74.3	75.[illegible]	75.[illegible]	75.[illegible]	75.6	75.6	75.7	76.[illegible]
≥ 1800	[illegible]	[illegible]	61.7	65.7	70.5	72.3	73.9	74.6	74.6	75.4	75.5	75.6	76.[illegible]	76.[illegible]	76.[illegible]	76.4
≥ 1500	[illegible]	[illegible]	62.9	67.3	72.5	74.3	76.4	77.1	77.2	77.9	78.[illegible]	78.2	78.6	78.6	78.7	79.[illegible]
≥ 1200	[illegible]	[illegible]	63.4	67.8	73.[illegible]	75.3	77.6	78.4	78.5	79.2	79.5	79.5	79.9	79.9	79.9	80.[illegible]
≥ 1000	[illegible]	[illegible]	64.3	68.9	74.7	77.1	79.9	80.[illegible]	80.9	81.7	82.[illegible]	82.[illegible]	82.3	82.3	82.4	82.[illegible]
≥ 900	[illegible]	[illegible]	64.3	69.[illegible]	75.[illegible]	77.4	80.4	81.4	81.4	82.2	82.6	82.6	82.9	82.9	83.0	83.4
≥ 800	[illegible]	[illegible]	64.7	69.8	76.3	78.9	82.1	83.3	83.3	84.1	84.[illegible]	84.5	84.8	84.[illegible]	84.[illegible]	85.3
≥ 700	[illegible]	[illegible]	64.9	70.1	76.8	79.4	83.1	84.5	84.6	85.6	85.9	85.9	86.2	86.[illegible]	86.3	86.7
≥ 600	[illegible]	[illegible]	65.1	70.2	77.3	80.3	84.3	86.[illegible]	86.1	87.2	87.6	87.6	87.9	87.9	88.[illegible]	88.4
≥ 500	[illegible]	[illegible]	65.1	[illegible]	77.5	80.7	85.2	87.2	87.3	88.6	89.[illegible]	89.[illegible]	89.4	89.4	89.5	89.9
≥ 400	[illegible]	[illegible]	65.1	[illegible]	77.6	81.[illegible]	85.9	88.[illegible]	88.[illegible]	89.7	90.[illegible]	90.[illegible]	90.7	90.7	90.[illegible]	91.2
≥ 300	[illegible]	[illegible]	65.2	[illegible]	77.8	81.2	86.7	89.3	89.4	91.3	92.1	92.[illegible]	92.6	92.[illegible]	92.7	93.[illegible]
≥ 200	[illegible]	56.7	65.2	70.5	77.9	81.3	87.3	90.[illegible]	90.3	92.7	93.6	93.6	94.4	94.5	94.6	95.[illegible]
≥ 100	[illegible]	[illegible]	65.2	[illegible]	77.9	81.3	87.3	90.2	90.4	93.[illegible]	94.1	94.1	95.5	95.6	96.1	96.9
0	[illegible]	[illegible]	[illegible]	[illegible]	77.9	81.3	87.3	90.2	90.4	93.0	94.1	94.1	95.6	95.7	96.5	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]947

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 83-92 | MONTH: NOV | HOURS (L S T): 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	66.7	67.7	69.7	70.7	72.0	72.3	72.3	72.7	72.7	72.7	72.7	72.7	73.0	73.3
≥ 20000	[illegible]	64.3	68.7	70.3	72.3	73.3	74.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 18000	[illegible]	64.3	68.7	70.3	72.3	73.3	74.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000	[illegible]	64.3	68.7	70.3	72.3	73.3	74.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 14000	[illegible]	64.3	68.7	70.3	72.3	73.3	74.3	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 12000	[illegible]	64.3	69.0	70.3	72.3	73.3	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 10000	[illegible]	65.0	70.3	71.3	73.7	74.7	76.0	76.3	76.3	76.7	76.7	76.7	76.7	76.7	77.0	77.3
≥ 9000	[illegible]	66.3	70.3	71.7	74.0	75.0	76.3	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.3	77.3
≥ 8000	[illegible]	65.3	70.3	71.7	74.0	75.0	76.3	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.3	77.3
≥ 7000	[illegible]	65.3	70.3	71.7	74.0	75.0	76.3	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.3	77.3
≥ 6000	[illegible]	65.3	70.3	71.7	74.0	75.0	76.3	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.3	77.3
≥ 5000	[illegible]	65.3	70.7	72.0	74.3	75.3	76.7	77.3	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.7
≥ 4500	[illegible]	65.3	70.7	72.7	75.0	76.0	77.3	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.3	78.3
≥ 4000	[illegible]	65.7	71.3	73.3	75.7	76.7	78.0	78.3	78.3	78.7	78.7	78.7	78.7	78.7	79.0	79.0
≥ 3500	[illegible]	66.0	71.7	73.7	76.3	77.3	78.7	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.7	79.7
≥ 3000	[illegible]	66.7	72.3	74.3	77.0	78.0	79.3	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.3	80.3
≥ 2500	[illegible]	67.3	73.0	75.0	77.7	78.7	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	81.0	81.0
≥ 2000	[illegible]	68.3	74.0	76.3	79.0	80.0	81.3	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.3	82.3
≥ 1800	[illegible]	68.3	74.0	76.3	79.3	80.3	81.7	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.7	82.7
≥ 1500	[illegible]	68.7	75.0	77.7	81.0	82.3	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.7	84.7
≥ 1200	[illegible]	69.0	75.3	78.3	81.7	83.0	84.3	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.3	85.3
≥ 1000	[illegible]	69.7	77.3	80.0	84.0	85.3	87.0	87.3	87.3	87.7	87.7	87.7	87.7	87.7	88.0	88.0
≥ 900	[illegible]	69.7	77.3	80.0	84.0	85.3	87.0	87.3	87.3	87.7	87.7	87.7	87.7	87.7	88.0	88.0
≥ 800	[illegible]	70.3	78.3	81.7	85.3	86.7	88.3	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.3	89.3
≥ 700	[illegible]	70.3	78.7	82.0	86.3	87.7	89.3	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.3	90.3
≥ 600	[illegible]	70.3	78.7	82.0	86.7	88.0	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.3	91.7
≥ 500	[illegible]	70.3	78.7	82.0	86.7	88.0	90.3	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.3	91.3
≥ 400	[illegible]	70.3	78.7	82.0	86.7	88.0	90.7	91.0	91.0	91.3	91.7	91.7	91.7	91.7	92.0	92.3
≥ 300	[illegible]	70.3	78.7	82.0	87.0	88.3	91.3	91.7	91.7	92.0	92.3	92.3	92.3	92.3	92.7	93.0
≥ 200	[illegible]	70.3	78.7	82.0	87.0	88.3	91.3	92.3	92.3	93.7	94.3	94.3	94.3	94.3	95.3	95.7
≥ 100	[illegible]	70.3	78.7	82.3	87.3	88.7	91.7	92.7	92.7	94.3	95.0	95.0	95.0	95.0	96.3	97.0
0	[illegible]	70.3	78.7	82.3	87.3	88.7	91.7	92.7	92.7	94.3	95.0	95.0	95.0	95.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: NOV | HOURS (L S T): [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	67.3	71.3	72.3	74.7	75.7	76.7	77.	77.	77.	77.	77.	77.0	77.	77.3	77.
≥ 20000	67.3	72.0	73.0	75.3	76.3	77.7	78.	78.	78.	78.	78.	78.0	78.	78.3	78.
≥ 18000	67.3	72.0	73.3	75.3	76.3	77.7	78.0	78.	78.0	78.	78.	78.0	78.	78.3	78.7
≥ 16000	67.3	72.0	73.0	75.3	76.3	77.7	78.0	78.0	78.0	78.	78.	78.0	78.	78.3	78.7
≥ 14000	67.3	72.	73.	75.7	76.7	78.0	78.3	78.3	78.3	78.3	78.	78.3	78.3	78.7	79.
≥ 12000	67.3	72.	73.	75.7	76.7	78.	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7	79.
≥ 10000	67.7	72.3	73.7	76.3	77.3	78.7	79.	79.	79.	79.	79.	79.	79.	79.3	79.7
≥ 9000	67.7	72.3	73.7	76.3	77.3	78.7	79.	79.	79.	79.	79.	79.	79.	79.3	79.7
≥ 8000	67.7	72.7	74.	76.7	77.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	80.
≥ 7000	67.7	72.7	74.	76.7	77.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	80.
≥ 6000	67.7	72.7	74.	76.7	77.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.7	80.0
≥ 5000	67.7	72.7	74.3	77.	78.0	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.3
≥ 4500	67.7	73.0	74.7	77.3	78.3	79.7	80.	80.	80.	80.	80.	80.	80.	80.3	80.7
≥ 4000	67.7	73.3	75.	77.7	78.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7	81.
≥ 3500	67.7	73.7	75.3	78.	79.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.	81.3
≥ 3000	67.7	74.3	76.3	79.	80.0	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.0	82.3
≥ 2500	67.7	74.3	76.7	78.3	81.3	82.3	83.7	84.	84.	84.	84.	84.0	84.0	84.3	84.7
≥ 2000	67.7	74.7	77.0	78.7	82.0	83.	84.3	84.7	84.7	84.7	84.7	84.7	84.7	85.	85.3
≥ 1800	67.7	73.0	77.3	79.7	83.0	84.0	85.3	85.7	85.7	85.7	85.7	85.7	85.7	86.	86.3
≥ 1500	67.7	73.0	77.3	79.7	83.3	84.7	86.0	86.7	86.7	86.7	86.7	86.7	86.7	87.	87.
≥ 1200	67.7	73.3	78.3	80.	84.3	85.7	87.0	87.7	87.7	87.7	87.7	87.7	87.7	88.	88.3
≥ 1000	67.7	73.7	79.	81.3	85.3	86.7	88.	88.7	88.7	88.7	88.7	88.7	88.7	89.	89.3
≥ 900	67.7	73.7	79.	81.3	85.7	87.	88.3	89.	89.	89.	89.	89.	89.	89.	89.7
≥ 800	67.7	74.0	79.3	81.7	86.0	87.7	89.	89.7	89.7	89.7	89.7	89.7	89.7	90.	90.3
≥ 700	67.7	74.0	79.3	82.0	86.0	87.7	89.3	90.0	90.	90.	90.	90.0	90.	90.3	90.7
≥ 600	67.7	74.	79.3	82.0	86.3	88.0	90.0	91.0	91.0	91.7	91.7	91.7	91.7	92.	92.3
≥ 500	67.7	74.	79.3	81.7	86.3	88.0	90.3	91.3	91.3	92.0	92.0	92.0	92.0	92.	92.7
≥ 400	67.7	74.	79.3	81.7	86.3	88.3	90.	91.7	91.7	92.7	92.7	92.7	93.0	93.3	93.7
≥ 300	67.7	74.0	79.3	81.7	86.3	88.3	91.3	93.0	93.	94.3	94.3	94.3	94.7	94.7	95.	95.3
≥ 200	67.7	74.0	79.3	81.7	86.3	88.3	91.3	93.3	93.3	94.7	94.7	94.7	95.0	95.	95.3	95.7
≥ 100	67.7	74.0	79.3	81.7	86.3	88.3	91.3	93.3	93.3	94.7	94.7	94.7	95.7	95.7	96.0	96.7
≥ 0	67.7	74.	79.3	81.7	86.3	88.3	91.3	93.3	93.3	94.7	94.7	94.7	95.7	95.7	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

H 4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] | STATION NAME POINT HUGU, CALIFORNIA | YEARS 73-82 | MONTH NOV | HOURS (L S T) 1

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	48.3	62.3	64.7	66.0	66.7	67.3	67.7	68.3	68.7	69.7	69.7	69.7	69.7	69.7	69.7	71.3
≥ 20000	46.3	64.3	66.7	68.3	69.3	70.0	70.7	71.3	71.0	72.7	72.7	72.7	72.7	72.7	72.7	73.3
≥ 18000	46.3	64.3	66.7	68.3	69.0	70.0	70.7	71.0	71.3	72.7	72.7	72.7	72.7	72.7	72.7	73.3
≥ 16000	46.3	65.0	67.3	69.0	69.7	70.7	71.3	71.7	71.7	73.3	73.3	73.3	73.3	73.3	73.3	74.0
≥ 14000	46.7	66.0	68.7	70.3	71.0	72.3	73.0	73.3	73.3	75.0	75.0	75.0	75.0	75.0	75.0	75.7
≥ 12000	46.7	66.7	69.7	71.3	72.0	73.3	74.0	74.3	74.3	76.0	76.0	76.0	76.0	76.0	76.0	76.7
≥ 10000	47.0	67.7	70.7	72.3	73.0	74.3	75.0	75.3	75.3	77.0	77.0	77.0	77.0	77.0	77.0	77.7
≥ 9000	47.0	67.7	70.7	72.3	73.0	74.3	75.0	75.3	75.3	77.0	77.0	77.0	77.0	77.0	77.0	77.7
≥ 8000	47.0	67.7	70.7	72.3	73.0	74.3	75.0	75.3	75.3	77.0	77.0	77.0	77.0	77.0	77.0	77.7
≥ 7000	47.0	68.0	71.0	72.7	73.3	74.7	75.3	75.7	75.7	77.3	77.3	77.3	77.3	77.3	77.3	78.0
≥ 6000	47.0	68.0	71.0	72.7	73.3	74.7	75.3	75.7	75.7	77.3	77.3	77.3	77.3	77.3	77.3	78.0
≥ 5000	47.3	68.7	71.7	73.3	74.0	75.3	76.0	76.3	76.3	78.0	78.0	78.0	78.0	78.0	78.0	78.7
≥ 4500	47.3	69.3	72.3	74.0	74.7	76.0	76.7	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	79.3
≥ 4000	47.3	69.3	72.7	74.3	75.0	76.3	77.0	77.3	77.3	79.0	79.0	79.0	79.0	79.0	79.0	79.7
≥ 3500	47.3	69.7	73.0	74.7	75.3	76.7	77.7	78.3	78.3	79.7	79.7	79.7	79.7	79.7	79.7	80.3
≥ 3000	48.0	72.0	74.3	76.3	77.0	78.3	79.3	79.7	79.7	81.3	81.3	81.3	81.3	81.3	81.3	82.0
≥ 2500	48.3	72.0	75.3	77.3	78.0	79.3	80.3	80.7	80.7	82.3	82.3	82.3	82.3	82.3	82.3	83.0
≥ 2000	48.7	72.7	76.0	78.0	78.7	80.3	81.3	81.7	81.7	84.3	84.3	84.3	84.3	84.3	84.3	85.0
≥ 1800	48.7	72.7	76.3	78.3	78.7	80.7	82.0	82.3	82.3	85.0	85.0	85.0	85.0	85.0	85.0	85.7
≥ 1500	48.7	73.3	76.7	79.0	80.0	82.3	84.0	84.3	84.3	87.3	87.3	87.3	87.7	87.7	87.7	88.3
≥ 1200	48.7	73.7	77.3	79.7	80.7	83.0	84.7	85.0	85.0	88.0	88.0	88.0	88.3	88.3	88.3	89.0
≥ 1000	48.7	74.3	78.0	80.3	81.3	84.7	85.3	85.7	85.7	89.0	89.3	89.3	89.7	89.7	89.7	90.3
≥ 900	48.7	74.3	78.3	80.7	81.7	84.0	85.7	86.0	86.0	89.3	89.7	89.7	90.0	90.0	90.0	90.7
≥ 800	48.7	74.7	78.7	81.3	82.3	84.7	86.3	87.0	87.0	90.7	91.0	91.0	91.3	91.3	91.3	92.0
≥ 700	48.7	74.7	79.0	81.7	82.7	85.3	87.0	87.7	87.7	92.3	92.7	92.7	93.3	93.3	93.3	94.0
≥ 600	48.7	74.7	79.0	81.7	82.7	85.3	87.0	87.7	87.7	92.7	93.0	93.0	93.7	93.7	93.7	94.3
≥ 500	48.7	74.7	79.0	81.7	82.7	85.3	87.0	88.0	88.0	93.3	93.7	93.7	94.3	94.3	94.3	95.0
≥ 400	48.7	74.7	79.0	81.7	82.7	85.3	87.0	88.0	88.0	93.7	94.0	94.0	95.0	95.0	95.0	95.7
≥ 300	48.7	74.7	79.0	81.7	82.7	85.3	87.0	88.0	88.0	94.0	94.7	94.7	95.7	95.7	95.7	96.7
≥ 200	48.7	74.7	79.0	81.7	82.7	85.3	87.0	88.0	88.0	94.0	94.7	94.7	96.0	96.0	96.0	97.7
≥ 100	48.7	74.7	79.0	81.7	82.7	85.3	87.0	88.0	88.0	94.0	94.7	94.7	96.0	96.0	96.0	98.0
0	48.7	74.7	79.0	81.7	82.7	85.3	87.0	88.0	88.0	94.0	94.7	94.7	96.0	96.0	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

11	POINT MUGU, CALIFORNIA	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	47.7	62.3	65.3	67.7	71.7	72.3	73.0	73.0	73.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	51.0	66.7	70.7	73.0	76.7	78.0	78.7	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.7	79.3
≥ 18000	50.7	67.3	71.3	73.7	77.3	78.7	79.3	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	80.0
≥ 16000	50.7	67.3	71.7	74.0	77.7	79.0	79.7	79.7	79.7	81.0	80.0	80.0	80.0	80.0	80.0	80.3
≥ 14000	51.0	68.3	72.7	75.0	78.7	80.0	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.3
≥ 12000	51.3	68.3	73.3	76.0	79.7	81.0	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.3
≥ 10000	51.3	69.0	73.3	76.0	79.7	81.0	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.3
≥ 9000	51.3	69.0	73.3	76.3	79.7	81.0	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.3
≥ 8000	51.3	69.0	73.3	76.3	79.7	81.0	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.3
≥ 7000	51.3	69.0	73.3	76.3	80.0	81.3	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 6000	51.3	69.0	73.3	76.3	80.0	81.3	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.7
≥ 5000	51.3	69.0	73.7	76.7	80.3	81.7	82.3	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	83.0
≥ 4500	51.3	69.0	73.7	76.7	80.3	81.7	82.3	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	83.0
≥ 4000	51.7	69.3	74.0	77.0	80.7	82.0	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.7
≥ 3500	51.7	69.7	74.3	77.3	81.0	82.3	83.0	83.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	84.0
≥ 3000	52.0	71.0	75.7	78.7	82.3	83.7	84.7	85.0	85.0	85.7	85.7	85.7	85.7	85.7	85.7	86.0
≥ 2500	52.7	71.7	76.7	79.7	83.3	85.7	86.7	87.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	88.0
≥ 2000	52.7	71.7	76.7	79.7	83.7	86.0	87.0	87.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.3
≥ 1800	52.0	71.7	76.7	79.7	83.7	86.3	87.0	87.3	87.3	88.0	88.3	88.3	88.3	88.3	88.3	88.7
≥ 1500	52.3	72.3	77.7	81.0	85.7	88.3	89.3	89.7	89.7	90.3	90.7	90.7	90.7	90.7	90.7	91.0
≥ 1200	52.3	72.3	77.7	81.3	86.0	88.7	90.0	90.3	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.7
≥ 1000	52.7	73.0	78.3	82.0	87.0	90.0	91.7	92.7	92.7	93.3	93.7	93.7	93.7	93.7	93.7	94.0
≥ 900	52.7	73.0	78.3	82.3	87.3	90.0	91.7	92.7	92.7	93.3	93.7	93.7	93.7	93.7	93.7	94.0
≥ 800	52.7	73.0	78.3	82.3	87.3	90.3	92.0	93.3	93.3	94.3	94.7	94.7	94.7	94.7	94.7	95.0
≥ 700	52.7	73.0	78.3	82.3	87.7	91.0	93.0	94.3	94.3	95.3	95.7	95.7	95.7	95.7	95.7	96.0
≥ 600	52.7	73.0	78.3	82.3	87.7	91.3	93.3	95.0	95.0	96.3	96.7	96.7	96.7	96.7	96.7	97.0
≥ 500	52.7	73.0	78.3	82.3	87.7	91.3	93.3	95.0	95.0	96.3	97.0	97.0	97.0	97.0	97.0	97.3
≥ 400	52.7	73.0	78.3	82.3	87.7	91.3	93.3	95.3	95.3	97.0	98.0	98.0	98.0	98.0	98.0	98.3
≥ 300	52.7	73.0	78.3	82.3	87.7	91.3	93.7	95.7	95.7	97.3	98.3	98.3	98.3	98.3	98.3	98.7
≥ 200	52.7	73.0	78.3	82.0	87.7	91.3	93.7	95.7	95.7	97.7	98.7	98.7	99.0	99.0	99.3	99.7
≥ 100	52.7	73.0	78.3	82.0	87.7	91.3	93.7	95.7	95.7	97.7	98.7	98.7	99.0	99.0	99.3	99.7
0	52.7	73.0	78.3	82.0	87.7	91.3	93.7	95.7	95.7	97.7	98.7	98.7	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DIRNAVOCEANMET SMOS

5/82 CEILING VERSUS VISIBILITY (CV)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

11 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) 73-82 (YEARS) NOV (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	45.3	57.7	66.[illegible]	69.[illegible]	72.7	73.[illegible]	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 20000	47.3	64.3	71.3	74.7	78.7	79.[illegible]	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.7	81.7
≥ 18000	47.7	64.7	71.7	75.[illegible]	79.[illegible]	79.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.[illegible]	82.[illegible]
≥ 16000	47.7	64.7	71.7	75.[illegible]	79.[illegible]	79.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.[illegible]	82.[illegible]
≥ 14000	48.3	66.[illegible]	73.[illegible]	76.3	80.7	81.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.7	83.7
≥ 12000	49.0	66.7	73.7	77.[illegible]	81.7	82.[illegible]	84.[illegible]	84.3	84.3	84.3	84.3	84.3	84.3	84.[illegible]	84.7	84.7
≥ 10000	49.0	67.0	74.0	77.7	82.3	82.7	84.7	85.[illegible]	85.[illegible]	85.0	85.[illegible]	85.[illegible]	85.0	85.[illegible]	85.3	85.3
≥ 9000	49.[illegible]	67.3	74.3	78.[illegible]	82.7	83.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.7	85.7
≥ 8000	49.[illegible]	68.[illegible]	75.[illegible]	78.7	83.3	83.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.[illegible]	86.3	86.3
≥ 7000	49.[illegible]	68.[illegible]	75.[illegible]	78.7	83.3	83.7	85.7	86.[illegible]	86.0	86.0	86.0	86.0	86.0	86.[illegible]	86.3	86.3
≥ 6000	49.[illegible]	68.[illegible]	75.[illegible]	78.7	83.3	83.7	85.7	86.[illegible]	86.[illegible]	86.0	86.[illegible]	86.0	86.0	86.[illegible]	86.3	86.3
≥ 5000	49.0	68.3	75.3	79.0	83.7	84.[illegible]	86.[illegible]	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7
≥ 4500	49.[illegible]	68.7	75.7	79.3	84.0	84.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0
≥ 4000	49.0	68.7	75.7	79.3	84.[illegible]	84.3	86.7	87.0	87.[illegible]	87.0	87.[illegible]	87.[illegible]	87.0	87.0	87.3	87.3
≥ 3500	49.3	69.7	76.7	80.3	85.0	85.3	87.7	88.[illegible]	88.[illegible]	88.0	88.[illegible]	88.[illegible]	88.0	88.[illegible]	88.3	88.3
≥ 3000	49.7	70.0	77.3	81.0	85.7	86.3	88.7	89.0	89.0	89.0	89.[illegible]	89.[illegible]	89.3	89.[illegible]	89.3	89.3
≥ 2500	50.0	70.7	78.3	82.0	86.7	87.3	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3
≥ 2000	50.3	71.7	79.7	83.3	88.[illegible]	88.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.7	91.7
≥ 1800	50.7	72.0	80.0	83.7	88.3	89.[illegible]	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.[illegible]	92.[illegible]
≥ 1500	51.3	72.7	80.7	84.3	89.3	90.3	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	94.[illegible]	94.[illegible]
≥ 1200	51.3	73.3	81.0	84.7	89.7	90.7	93.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.7	94.7
≥ 1000	51.3	73.3	81.3	85.3	90.7	92.0	95.0	95.7	95.7	96.[illegible]	96.[illegible]	96.[illegible]	96.0	96.[illegible]	96.3	96.3
≥ 900	51.3	73.3	81.3	86.0	91.3	92.7	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	97.[illegible]	97.[illegible]
≥ 800	51.3	73.3	81.3	86.[illegible]	91.7	93.0	96.0	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.7	97.7
≥ 700	51.3	73.3	81.3	86.[illegible]	91.7	93.0	96.7	97.3	97.3	98.0	98.[illegible]	98.0	98.0	98.[illegible]	98.3	98.3
≥ 600	51.3	73.7	81.7	86.3	92.[illegible]	93.3	97.0	97.7	97.7	98.3	98.3	98.3	98.3	98.3	98.7	98.7
≥ 500	51.3	73.7	81.7	86.3	92.0	93.3	97.0	98.0	98.0	98.7	98.7	98.7	98.7	98.7	99.[illegible]	99.[illegible]
≥ 400	51.3	73.7	81.7	86.3	92.0	93.3	97.0	98.0	98.0	99.0	99.[illegible]	99.[illegible]	99.0	99.[illegible]	99.3	99.3
≥ 300	51.3	73.7	81.7	86.3	92.0	93.3	97.0	98.0	98.0	99.0	99.0	99.0	99.0	99.[illegible]	99.3	99.3
≥ 200	51.3	73.7	81.7	86.3	92.[illegible]	93.7	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 100	51.3	73.7	81.7	86.3	92.[illegible]	93.7	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 0	51.3	73.7	81.7	86.3	92.[illegible]	93.7	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

__ STATION | POINT MUGU, CALIFORNIA STATION NAME | 73-82 YEARS | NOV MONTH

16 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	43.3	64.3	67.7	72.3	72.3	74.3	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 20000	46.7	67.0	72.7	76.0	77.7	80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	46.7	67.7	73.3	76.7	78.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	46.3	66.0	73.7	77.0	78.7	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 14000	47.7	69.0	75.0	79.3	80.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 12000	47.3	69.3	75.3	78.3	80.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 10000	47.3	71.3	76.7	81.0	82.0	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 9000	47.3	71.3	77.3	81.7	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 8000	47.3	71.0	77.3	80.7	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	47.3	71.0	77.3	80.7	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	47.3	71.0	77.3	80.7	82.7	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	48.0	71.7	78.3	81.7	83.7	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	48.0	72.0	78.7	82.3	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	48.0	72.3	78.7	82.3	84.0	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	48.0	72.7	79.3	82.7	84.7	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	48.7	74.0	80.7	84.0	86.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	49.0	75.3	82.7	86.0	88.0	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	49.3	75.7	83.0	86.3	88.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	49.3	75.7	83.0	86.3	88.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	49.3	77.0	84.3	87.7	89.7	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	49.7	77.7	85.0	88.7	90.7	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	49.7	77.7	85.0	89.0	91.0	94.3	95.0	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	50.0	78.0	85.3	89.7	91.7	95.0	95.7	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	50.0	78.3	86.0	90.7	92.7	96.0	96.7	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	50.0	78.3	86.0	90.7	92.7	96.3	97.0	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	50.0	78.3	86.0	91.0	93.0	96.7	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	50.0	78.3	86.0	91.0	93.0	96.7	97.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	50.0	78.7	86.3	91.3	93.3	97.0	97.7	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	50.0	78.7	86.3	91.3	93.3	97.0	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	50.0	78.7	86.3	91.3	93.3	97.0	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	50.0	78.7	86.3	91.3	93.3	97.0	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
0	50.0	78.7	86.3	91.3	93.3	97.0	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	72-82	NOV

HOURS (L S T) 15

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	45.2	67.9	7[illegible].9	72.9	75.6	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.9	76.9	77.3	77.7
≥ 20000	47.2	69.9	72.9	74.9	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.9	78.9	79.3	79.7
≥ 18000	47.2	69.9	72.9	74.9	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.9	78.9	79.3	79.7
≥ 16000	47.2	69.9	72.9	74.9	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.9	78.9	79.3	79.7
≥ 14000	47.2	69.9	72.9	74.9	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.9	78.9	79.3	79.7
≥ 12000	47.5	70.9	73.9	75.9	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.9	79.9	80.3	80.7
≥ 10000	47.8	71.9	74.9	76.9	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.9	80.9	81.3	81.7
≥ 9000	47.8	72.2	75.3	77.3	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.3	81.3	81.6	81.6
≥ 8000	47.8	72.2	75.3	77.3	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.3	81.3	81.6	81.6
≥ 7000	47.8	72.2	75.3	77.3	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.3	81.3	81.6	81.6
≥ 6000	47.8	72.9	75.9	77.9	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.9	81.9	82.3	82.3
≥ 5000	47.8	73.6	76.6	78.6	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.9	82.9	83.3	83.3
≥ 4500	47.8	74.3	77.3	79.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.6	83.6	84.0	84.0
≥ 4000	47.8	74.3	77.3	79.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.6	83.6	84.0	84.0
≥ 3500	47.8	74.6	77.6	79.6	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.0	84.0	84.3	84.3
≥ 3000	48.2	75.9	78.9	81.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	85.3	85.3	85.6	85.6
≥ 2500	48.2	77.6	80.9	82.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	87.3	87.3	87.6	87.6
≥ 2000	48.5	78.6	81.9	84.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.3	88.3	88.6	88.6
≥ 1800	48.5	78.6	81.9	84.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	88.3	88.3	88.6	88.6
≥ 1500	48.5	79.6	82.9	85.6	88.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	90.3	90.3	90.6	90.6
≥ 1200	48.5	79.9	83.6	86.3	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.0	91.0	91.3	91.7
≥ 1000	48.5	80.6	85.0	88.3	91.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.3	93.3	93.7	93.7
≥ 900	48.5	81.6	85.9	88.3	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.3	93.3	93.7	93.7
≥ 800	48.5	81.9	86.3	89.6	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	95.0	95.0	95.3	95.3
≥ 700	48.5	81.3	86.3	90.0	93.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.7	95.7	96.0	96.0
≥ 600	48.5	81.6	86.6	90.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.3	96.3	96.7	96.7
≥ 500	48.5	81.6	86.6	90.3	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.3	96.3	96.7	96.7
≥ 400	48.5	81.9	87.3	91.0	95.0	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.7	97.7	98.0	98.0
≥ 300	48.5	81.9	87.3	91.0	95.0	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.7	97.7	98.0	98.0
≥ 200	48.5	81.9	87.3	91.0	95.7	96.3	97.3	97.3	97.3	97.3	97.3	97.3	98.3	98.3	98.7	99.0
≥ 100	48.5	81.9	87.3	91.0	95.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	98.3	98.3	98.7	99.0
0	48.5	81.9	87.3	91.0	95.0	96.3	97.3	97.3	97.3	97.3	97.3	97.3	98.3	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
11	POINT MUGU, CALIFORNIA	73-82	NOV

HOURS (L S T) 02

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	69.3	69.7	72.3	73.3	74.3	77.0	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 20000	74.3	69.3	70.7	73.3	74.3	75.3	78.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	74.3	69.3	70.7	73.3	74.3	75.3	78.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	74.3	69.3	70.7	73.3	74.3	75.3	78.0	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000	74.7	69.7	71.0	73.7	74.7	75.7	78.3	78.3	78.7	79.0	79.	79.	79.0	79.	79.	79.
≥ 12000	74.7	67.3	71.7	74.3	75.3	76.3	79.0	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	74.7	67.3	71.7	74.3	75.7	76.7	79.3	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 9000	74.7	67.3	71.7	74.3	75.7	76.7	79.3	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	74.7	67.3	71.7	74.3	75.7	76.7	79.3	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	74.7	67.3	71.7	74.3	75.7	76.7	79.3	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	74.7	67.3	71.7	74.3	75.7	76.7	79.3	79.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	74.7	68.0	72.3	75.0	76.3	77.3	80.0	80.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500	74.7	68.0	73.0	75.7	77.0	78.0	80.7	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	74.7	68.3	73.7	76.3	77.7	78.7	81.3	81.3	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	75.0	69.0	74.3	77.0	78.3	79.3	82.0	82.0	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	75.0	69.3	75.0	77.7	79.0	80.0	82.7	82.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	75.7	70.0	76.7	79.3	80.7	81.7	84.3	84.3	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	75.7	71.0	77.0	79.7	81.3	82.0	84.7	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	75.7	71.3	77.3	80.3	81.7	82.7	85.3	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500	75.7	71.7	78.0	81.3	83.0	84.0	86.7	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	75.7	71.7	78.7	82.0	83.7	85.0	87.7	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	75.7	72.0	79.3	82.7	84.3	85.7	88.3	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	75.7	72.0	79.3	82.7	84.3	85.7	88.3	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	75.7	72.7	80.7	84.3	86.7	88.0	90.7	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	75.7	72.7	81.0	84.7	87.3	88.7	91.3	91.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 600	75.7	72.7	81.3	85.0	87.7	89.0	92.3	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	75.7	73.0	81.7	85.3	88.7	90.0	93.3	93.7	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 400	75.7	73.3	82.0	85.7	89.0	90.3	93.7	94.0	94.3	95.0	95.	95.0	95.0	95.	95.	95.
≥ 300	75.7	73.3	82.0	85.7	89.0	90.3	93.7	94.0	94.3	95.0	95.0	95.0	95.0	95.	95.7	95.7
≥ 200	75.7	73.3	82.0	85.7	89.0	90.3	93.7	94.0	94.3	95.0	95.0	95.0	95.0	95.3	95.7	95.7
≥ 100	75.7	73.3	82.0	85.7	89.0	90.3	94.0	94.3	94.7	95.3	95.3	95.3	95.3	95.7	96.3	97.3
0	75.7	73.3	82.0	85.7	89.0	90.3	94.0	94.3	94.7	95.3	95.3	95.3	95.3	95.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3761

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	NOV

HOURS (L S T): ALL

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	73.7	83.5	87.7	89.8	92.7	93.0	94.1	94.2	94.3	94.6	94.6	94.3	94.7	94.7	94.9	95.1
≥ 20000	75.3	86.3	91.7	92.9	95.2	96.2	97.4	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.2	98.4
≥ 18000	75.4	86.5	91.9	93.1	95.4	96.5	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.4	98.6
≥ 16000	75.4	86.7	91.1	93.3	95.5	96.6	97.8	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.6	98.7
≥ 14000	75.7	87.2	91.7	94.0	96.3	97.5	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.4	99.6
≥ 12000	75.7	87.7	92.3	94.5	96.9	98.1	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.2
≥ 10000	75.7	88.3	93.1	95.5	97.8	99.0	100.1	100.3	100.3	100.7	100.7	100.7	100.7	100.7	100.9	101.1
≥ 9000	75.8	88.5	93.2	95.5	98.0	99.2	100.3	100.5	100.5	100.9	100.9	100.9	101.0	101.0	101.1	101.3
≥ 8000	75.8	88.7	93.3	95.6	98.1	99.3	100.5	100.6	100.7	101.1	101.1	101.1	101.1	101.1	101.2	101.4
≥ 7000	75.8	88.7	93.3	95.7	98.2	99.4	100.5	100.7	100.7	101.1	101.1	101.1	101.2	101.2	101.3	101.5
≥ 6000	75.8	88.8	93.4	95.8	98.3	99.5	100.6	100.8	100.8	101.2	101.2	101.2	101.2	101.2	101.4	101.6
≥ 5000	75.8	88.9	93.9	96.3	98.9	100.0	101.2	101.4	101.4	101.7	101.7	101.7	101.8	101.8	102.0	102.2
≥ 4500	76.0	89.5	94.3	96.8	99.3	100.5	101.7	101.8	101.9	102.2	102.2	102.2	102.3	102.3	102.5	102.6
≥ 4000	76.0	89.6	94.6	97.1	99.6	100.8	102.0	102.2	102.2	102.6	102.6	102.6	102.7	102.7	102.8	103.0
≥ 3500	76.5	90.1	95.1	97.6	100.2	101.3	102.6	102.7	102.8	103.2	103.2	103.2	103.2	103.2	103.4	103.6
≥ 3000	76.7	90.4	95.1	97.7	100.2	101.3	102.5	102.7	102.8	103.2	103.2	103.2	103.2	103.2	103.4	103.6
≥ 2500	77.0	90.4	95.1	97.7	100.2	101.3	102.5	102.7	102.8	103.2	103.2	103.2	103.2	103.2	103.4	103.6
≥ 2000	77.5	90.8	95.5	98.1	100.6	101.7	102.9	103.1	103.2	103.6	103.6	103.6	103.6	103.6	103.8	104.0
≥ 1800	77.6	91.0	95.7	98.3	100.8	101.9	103.1	103.3	103.4	103.8	103.8	103.8	103.8	103.8	104.0	104.2
≥ 1500	77.7	91.0	95.7	98.3	100.8	101.9	103.1	103.3	103.4	103.8	103.8	103.8	103.8	103.8	104.0	104.2
≥ 1200	77.8	91.0	95.7	98.3	100.8	101.9	103.1	103.3	103.4	103.8	103.8	103.8	103.8	103.8	104.0	104.2
≥ 1000	77.9	91.1	95.8	98.4	100.9	102.0	103.2	103.4	103.5	103.9	103.9	103.9	103.9	103.9	104.1	104.3
≥ 900	77.9	91.1	95.8	98.4	100.9	102.0	103.2	103.4	103.5	103.9	103.9	103.9	103.9	103.9	104.1	104.3
≥ 800	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 700	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 600	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 500	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 400	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 300	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 200	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 100	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4
≥ 0	78.0	91.2	95.9	98.5	101.0	102.1	103.3	103.5	103.6	104.0	104.0	104.0	104.0	104.0	104.2	104.4

TOTAL NUMBER OF OBSERVATIONS 2399

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	DEC

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	57.1	62.3	63.2	64.0	69.7	69.7	72.9	73.6	73.6	73.9	73.9	73.9	74.5	74.5	75.2	75.9
≥ 20000	58.4	62.9	65.8	67.4	72.3	72.3	75.5	76.1	76.1	76.8	76.8	76.8	77.4	77.4	78.1	78.7
≥ 18000	59.4	63.9	65.8	67.7	72.6	72.6	75.8	76.5	76.5	77.1	77.1	77.1	77.7	77.7	78.4	79.0
≥ 16000	59.7	63.2	66.1	68.1	72.9	72.9	76.1	76.8	76.8	77.4	77.4	77.4	78.1	78.1	78.7	79.4
≥ 14000	59.7	63.6	66.5	68.4	73.2	73.2	76.5	77.1	77.1	77.7	77.7	77.7	78.4	78.4	79.0	79.7
≥ 12000	59.7	63.6	66.5	68.4	73.2	73.2	76.5	77.1	77.1	78.1	78.1	78.1	78.7	78.7	79.4	80.0
≥ 10000	59.7	64.2	67.1	69.0	73.9	73.9	77.4	78.1	78.1	79.1	79.1	79.1	79.7	79.7	80.3	81.0
≥ 9000	59.7	64.2	67.1	69.0	73.9	73.9	77.4	78.1	78.1	79.1	79.1	79.1	79.7	79.7	80.3	81.0
≥ 8000	59.7	64.8	68.1	70.0	74.8	74.8	78.4	79.1	79.1	80.0	80.0	80.0	80.7	80.7	81.3	81.9
≥ 7000	59.8	65.2	68.4	70.3	75.2	75.2	78.7	79.4	79.4	80.3	80.3	80.3	81.0	81.0	81.6	82.3
≥ 6000	59.8	65.2	68.4	70.3	75.2	75.2	78.7	79.4	79.4	80.3	80.3	80.3	81.0	81.0	81.6	82.3
≥ 5000	59.8	65.2	68.4	70.3	75.2	75.2	78.7	79.4	79.4	80.3	80.3	80.3	81.0	81.0	81.6	82.3
≥ 4500	59.7	65.8	69.4	71.3	76.1	76.1	79.7	80.3	80.3	81.3	81.3	81.3	81.9	81.9	82.6	83.2
≥ 4000	59.7	66.1	69.7	71.6	76.5	76.5	80.0	80.7	80.7	81.6	81.6	81.6	82.3	82.3	82.9	83.6
≥ 3500	60.0	66.6	70.3	72.3	77.1	77.1	80.7	81.3	81.3	82.3	82.3	82.3	82.9	82.9	83.6	84.2
≥ 3000	60.0	67.1	70.7	72.6	77.4	77.4	81.3	81.9	81.9	82.9	82.9	82.9	83.6	83.6	84.2	84.8
≥ 2500	60.7	68.1	71.6	73.6	78.7	78.7	82.6	83.2	83.2	84.2	84.2	84.2	84.9	84.8	85.5	86.1
≥ 2000	60.7	68.1	71.9	73.9	79.0	79.0	82.9	83.9	83.9	84.6	84.8	84.8	85.5	85.5	86.1	86.8
≥ 1800	60.7	68.4	72.3	74.2	79.4	79.4	83.2	84.2	84.2	85.2	85.2	85.2	85.8	85.8	86.5	87.1
≥ 1500	60.7	68.7	73.6	75.8	81.3	81.3	85.2	86.1	86.1	87.1	87.1	87.1	87.7	87.7	88.4	89.0
≥ 1200	60.7	68.7	73.6	75.8	81.6	81.6	85.8	86.8	86.8	87.7	87.7	87.7	88.4	88.4	89.0	89.7
≥ 1000	60.7	68.8	73.9	76.1	81.9	81.9	86.6	88.4	88.4	89.4	89.4	89.4	90.0	90.0	90.7	91.3
≥ 900	60.7	68.8	74.2	76.5	82.3	82.3	87.1	88.7	88.7	89.7	89.7	89.7	90.3	90.3	91.0	91.6
≥ 800	60.7	68.8	74.2	76.5	82.3	82.3	87.4	89.0	89.0	90.0	90.0	90.0	90.7	90.7	91.3	91.9
≥ 700	60.7	68.8	75.2	77.4	83.2	83.2	88.4	90.3	90.3	91.0	91.0	91.0	91.6	91.6	92.3	92.9
≥ 600	60.7	68.8	75.2	77.7	83.9	83.9	89.1	90.7	90.7	91.6	91.6	91.6	92.3	92.3	92.9	93.6
≥ 500	60.7	68.8	75.5	78.1	84.2	84.2	89.4	91.6	91.6	92.6	92.6	92.6	93.2	93.2	93.9	94.5
≥ 400	60.7	68.8	75.5	78.1	84.2	84.2	89.4	91.6	91.6	92.6	92.9	92.9	93.6	93.6	94.2	94.8
≥ 300	60.7	68.8	75.5	78.1	84.2	84.2	89.7	91.9	91.9	92.9	93.2	93.2	93.9	93.9	94.5	95.2
≥ 200	60.7	68.8	75.5	78.1	84.2	84.2	89.7	91.9	91.9	92.9	93.2	93.2	93.9	93.9	94.8	95.5
≥ 100	60.7	68.8	75.5	78.1	84.2	84.2	89.7	92.3	92.3	93.2	93.6	93.6	94.2	94.5	95.5	96.1
0	60.7	68.8	75.5	78.1	84.2	84.2	89.7	92.3	92.3	93.2	93.6	93.6	94.2	94.5	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] | STATION NAME POINT MUGU, CALIFORNIA | YEARS 73-82 | MONTH DEC

HOURS (L S T) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	64.0	66.5	67.1	71.9	72.6	74.8	75.2	75.2	75.5	75.8	75.9	75.8	75.9	76.3	76.8
≥ 20000	[illegible]	66.1	67.7	68.4	73.2	73.9	76.1	76.5	76.5	76.8	77.1	77.4	77.1	77.4	77.1	78.1
≥ 18000	[illegible]	66.1	67.7	68.7	73.6	74.2	76.5	76.8	76.8	77.1	77.4	77.4	77.4	77.4	77.4	78.4
≥ 16000	[illegible]	66.1	67.7	68.7	73.6	74.2	76.5	76.8	76.8	77.1	77.4	77.4	77.4	77.4	77.4	78.4
≥ 14000	[illegible]	66.1	67.7	68.7	73.6	74.2	76.5	76.8	76.8	77.1	77.4	77.4	77.4	77.4	77.4	78.4
≥ 12000	[illegible]	66.1	67.7	68.7	73.6	74.2	76.8	77.1	77.1	77.7	78.1	78.1	78.1	78.1	78.1	79.1
≥ 10000	[illegible]	66.8	68.4	69.4	74.2	74.8	77.4	77.7	77.7	78.4	78.7	78.7	78.7	78.7	78.7	79.7
≥ 9000	[illegible]	66.8	68.4	69.4	74.2	74.8	77.4	77.7	77.7	78.4	78.7	78.7	78.7	78.7	78.7	79.7
≥ 8000	[illegible]	67.7	69.4	70.3	75.2	75.8	78.4	78.7	78.7	79.4	79.7	79.7	79.7	79.7	[illegible]	[illegible]
≥ 7000	[illegible]	68.1	69.7	70.7	75.5	76.1	78.7	79.1	79.1	79.7	[illegible]	80.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	68.4	70.0	71.0	75.8	76.5	79.1	79.4	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	68.4	70.0	71.0	75.9	76.5	79.1	79.4	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	69.3	70.7	71.6	76.5	77.1	79.7	80.0	80.0	[illegible]	81.7	81.7	81.7	81.7	[illegible]	[illegible]
≥ 4000	41.3	69.7	71.3	72.3	77.1	77.7	80.3	80.7	80.7	81.3	81.6	81.6	81.6	81.6	82.6	[illegible]
≥ 3500	[illegible]	70.3	71.6	72.6	77.4	78.3	80.7	81.0	81.0	81.6	81.9	81.9	81.9	81.9	82.9	[illegible]
≥ 3000	[illegible]	70.3	71.6	72.6	77.4	78.1	81.0	81.3	81.3	81.9	82.3	82.3	82.3	82.3	83.2	[illegible]
≥ 2500	[illegible]	70.8	71.9	72.9	77.4	78.4	81.3	81.6	81.6	82.3	82.6	82.6	82.6	82.6	83.6	[illegible]
≥ 2000	[illegible]	70.8	71.9	73.2	78.1	79.4	82.3	82.9	82.9	83.6	83.9	83.9	83.9	83.9	84.9	[illegible]
≥ 1800	41.6	70.8	72.3	73.6	78.4	79.7	82.6	83.2	83.2	83.9	84.2	84.2	84.2	84.2	85.2	[illegible]
≥ 1500	41.6	71.0	74.2	75.8	81.0	82.3	85.8	86.5	86.5	87.1	87.4	87.4	87.4	87.4	88.4	[illegible]
≥ 1200	41.9	71.3	74.5	76.5	81.6	82.9	86.8	87.4	87.4	88.4	88.7	88.7	88.7	88.7	89.7	[illegible]
≥ 1000	41.9	71.3	74.8	77.4	83.6	84.8	89.0	89.7	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	41.9	71.3	74.8	77.4	83.6	84.8	89.3	89.7	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	41.9	71.3	75.2	77.7	84.2	85.5	90.1	90.7	90.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	41.9	71.3	75.2	77.7	84.2	85.5	90.0	90.7	90.7	91.6	91.9	91.9	91.9	91.9	92.9	[illegible]
≥ 600	41.9	71.6	75.5	78.4	84.8	86.1	90.7	91.6	91.6	92.6	92.9	92.9	92.9	92.9	93.9	[illegible]
≥ 500	41.9	71.6	75.5	78.4	84.8	86.1	90.7	91.6	91.6	92.6	92.9	[illegible]	92.9	[illegible]	93.9	[illegible]
≥ 400	41.9	71.6	75.5	78.4	84.8	86.1	91.3	91.9	91.9	92.9	93.2	93.2	93.6	93.6	94.5	[illegible]
≥ 300	41.9	71.6	75.5	78.4	84.9	86.1	91.3	92.3	92.6	93.6	93.9	93.9	94.2	94.2	95.2	[illegible]
≥ 200	41.9	71.6	75.5	78.4	84.8	86.1	91.3	92.3	92.6	93.9	94.2	94.2	94.5	94.5	95.5	[illegible]
≥ 100	41.8	71.6	75.5	78.4	84.9	86.1	91.3	92.3	92.6	93.9	94.2	94.2	94.8	94.8	95.8	97.1
0	41.6	71.6	75.5	78.4	84.8	86.1	91.3	92.3	92.6	93.9	94.2	94.2	94.8	94.8	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

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4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-92 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4[illegible]	[illegible]	65.1	67.[illegible]	69.3	69.4	71.8	72.3	72.5	73.5	73.8	73.8	74.1	74.2	74.1	74.[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	[illegible]	71.2	73.5	75.7	76.4	78.3	78.6	79.[illegible]	79.3	[illegible]	[illegible]	81.2	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	71.5	73.8	76.1	76.7	78.6	79.[illegible]	79.3	79.6	81.2	81.6	81.6	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	71.5	73.8	76.1	76.7	78.6	79.3	79.6	79.9	81.5	81.6	81.9	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	71.8	74.1	76.7	77.4	79.3	79.9	[illegible]	[illegible]	82.2	82.2	82.5	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	72.8	75.1	77.7	78.3	[illegible]	[illegible]	81.2	81.6	83.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	73.1	75.4	78.[illegible]	78.6	[illegible]	81.2	81.6	82.4	83.5	83.[illegible]	83.8	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	73.5	75.7	78.3	79.0	80.9	81.6	82.1	82.4	83.6	83.8	84.1	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	73.5	76.1	78.6	79.3	81.2	81.9	82.4	82.5	84.1	84.1	84.5	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	73.8	76.4	79.[illegible]	79.6	81.6	82.2	82.3	82.9	84.5	84.5	84.8	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	74.4	77.[illegible]	79.6	80.3	82.2	82.9	83.2	83.5	85.1	85.1	85.4	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	74.8	77.4	79.9	80.6	82.5	83.2	83.5	83.8	85.4	85.4	85.8	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	74.8	77.4	79.9	80.6	82.5	83.2	83.5	83.8	85.4	85.4	85.8	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	74.8	77.4	79.9	80.6	82.5	83.2	83.5	83.8	85.4	85.4	85.8	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	74.8	77.4	79.9	80.6	82.9	83.5	83.8	84.1	85.8	85.[illegible]	86.1	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	75.4	78.[illegible]	80.6	81.9	84.5	85.1	85.4	85.8	87.0	87.4	87.7	87.7	87.7	[illegible]
≥ 2000	[illegible]	[illegible]	75.7	78.3	81.0	82.2	84.8	85.4	85.7	86.1	[illegible]	87.7	88.[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	76.1	78.6	81.6	82.9	85.4	86.1	86.4	87.1	88.7	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	77.0	79.7	82.9	84.1	86.7	88.7	89.3	89.6	91.5	91.8	91.8	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	77.4	80.3	83.5	85.3	88.7	89.5	[illegible]	[illegible]	92.6	[illegible]	92.6	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	77.4	80.7	84.1	86.7	89.6	90.[illegible]	91.3	91.9	93.6	93.[illegible]	93.9	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	77.4	80.7	84.1	86.7	89.6	90.[illegible]	91.3	91.9	93.6	93.6	93.9	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	77.7	81.0	84.6	87.4	[illegible]	91.3	91.9	93.2	94.[illegible]	94.[illegible]	95.5	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	85.1	87.7	[illegible]	91.9	[illegible]	94.2	95.[illegible]	95.[illegible]	96.4	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	85.1	88.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	86.1	88.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	86.1	88.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	86.1	88.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	86.1	88.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA | STATION NAME | 73-82 | YEARS | OCT | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	82.4	82.6	82.6	84.5	87.4	89.4	91.7	91.3	91.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 20000	87.4	88.7	88.7	91.5	93.9	96.5	97.7	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 18000	87.7	91.3	89.7	91.9	94.3	97.4	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 16000	87.7	91.3	89.7	91.9	95.2	97.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 14000	87.4	91.1	89.7	92.9	96.8	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 12000	87.4	91.1	89.7	92.9	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10000	87.4	91.1	89.7	92.9	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 9000	87.4	91.1	89.7	92.9	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 8000	87.4	91.4	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 7000	87.4	91.4	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 6000	87.4	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 5000	87.4	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4500	87.4	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 4000	87.4	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3500	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 3000	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	87.7	91.5	89.7	93.2	96.8	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

DIRNAVOCEANMET 5MOS

5/63 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	67-82	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) [illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	5[illegible]	62.8	65.1	68.1	69.6	71.2	71.2	71.2	71.8	71.8	71.8	71.8	71.8	71.8	72.2
≥ 20000	46.3	63.1	67.6	71.2	74.4	76.7	78.6	78.6	78.6	79.3	79.3	79.3	79.6	79.6	79.6	81.6
≥ 18000	46.6	63.8	68.3	71.8	75.4	77.7	79.6	79.6	79.6	80.3	80.3	80.3	80.6	80.6	80.6	81.6
≥ 16000	46.6	63.8	68.3	71.8	75.4	77.7	79.6	79.6	79.6	80.3	80.3	80.3	80.6	80.6	80.6	81.6
≥ 14000	46.[illegible]	64.1	68.[illegible]	72.5	76.1	78.3	80.3	80.3	80.3	80.9	80.9	80.9	81.2	81.2	81.2	82.2
≥ 12000	47.3	65.1	69.6	74.1	77.7	80.2	82.5	82.5	82.5	83.2	83.2	83.2	83.5	83.5	83.5	84.5
≥ 10000	47.3	65.7	71.8	75.4	78.6	81.2	83.5	83.5	83.5	84.1	84.1	84.1	84.5	84.5	84.5	85.4
≥ 9000	47.3	65.7	7[illegible]	75.4	78.6	81.2	83.5	83.5	83.5	84.1	84.1	84.1	84.5	84.5	84.5	85.4
≥ 8000	47.[illegible]	67.4	71.8	76.7	80.3	82.9	85.1	85.1	85.1	85.8	85.8	85.8	86.1	86.1	86.1	87.1
≥ 7000	47.[illegible]	67.[illegible]	71.8	76.7	80.3	82.9	85.1	85.1	85.1	85.8	85.8	85.8	86.1	86.1	86.1	87.1
≥ 6000	47.[illegible]	67.3	72.3	77.[illegible]	80.6	83.2	85.4	85.4	85.4	86.1	86.1	86.1	86.4	86.4	86.4	87.4
≥ 5000	47.[illegible]	67.3	72.2	77.[illegible]	80.6	83.2	85.4	85.4	85.4	86.1	86.1	86.1	86.4	86.4	86.4	87.4
≥ 4500	47.[illegible]	67.6	72.8	77.7	81.2	83.8	86.1	86.1	86.1	86.7	86.7	86.7	87.1	87.1	87.1	88.[illegible]
≥ 4000	47.[illegible]	67.6	72.8	77.7	81.2	83.8	86.1	86.1	86.1	86.7	86.7	86.7	87.1	87.1	87.1	88.[illegible]
≥ 3500	47.[illegible]	67.6	72.8	77.7	81.2	83.8	86.1	86.1	86.1	86.7	86.7	86.7	87.1	87.1	87.1	88.[illegible]
≥ 3000	47.[illegible]	68.3	73.5	78.6	82.2	84.[illegible]	87.1	87.1	87.1	87.7	87.7	87.7	88.[illegible]	88.[illegible]	88.[illegible]	89.[illegible]
≥ 2500	47.[illegible]	68.9	74.1	79.3	82.9	85.4	87.7	87.7	87.7	88.4	88.4	88.4	88.7	88.7	88.7	89.6
≥ 2000	47.2	69.0	74.8	79.9	83.8	86.4	89.[illegible]	89.[illegible]	89.[illegible]	89.6	89.6	89.6	90.0	90.[illegible]	90.[illegible]	90.9
≥ 1800	48.2	69.0	75.1	80.3	84.1	86.7	89.3	89.3	89.3	90.[illegible]	90.[illegible]	90.[illegible]	90.3	90.3	90.3	91.3
≥ 1500	48.9	70.6	76.7	82.2	86.7	89.3	91.9	91.9	91.9	92.6	92.6	92.6	92.9	92.9	92.9	93.9
≥ 1200	48.9	70.9	77.3	82.9	87.4	90.0	92.9	92.9	92.9	93.5	93.5	93.5	93.9	93.9	93.9	94.8
≥ 1000	48.9	71.2	77.8	83.2	88.7	91.3	94.2	94.5	94.5	95.2	95.2	95.2	95.5	95.5	95.5	96.4
≥ 900	48.9	71.2	77.8	83.2	88.7	91.3	94.2	94.5	94.5	95.2	95.2	95.2	95.5	95.5	95.5	96.4
≥ 800	48.9	71.2	77.4	83.2	88.7	91.3	94.2	94.5	94.8	95.5	95.5	95.5	95.8	95.8	95.8	96.8
≥ 700	48.9	71.2	77.4	83.2	88.7	91.3	94.2	94.5	94.5	95.5	95.5	95.5	95.8	95.8	95.8	96.8
≥ 600	48.9	71.2	77.4	83.2	89.0	91.6	94.5	94.8	94.8	95.8	95.8	95.8	96.1	96.1	96.1	97.1
≥ 500	48.9	71.2	77.4	83.5	89.3	91.9	94.8	95.2	95.5	96.1	96.1	96.1	96.4	96.4	96.8	97.4
≥ 400	48.9	71.2	77.4	83.5	89.3	91.9	94.8	95.2	95.5	96.1	96.1	96.1	96.4	96.4	96.4	97.4
≥ 300	48.9	71.2	77.8	83.5	89.6	92.2	95.2	95.5	95.8	96.8	97.1	97.1	97.4	97.4	97.7	98.7
≥ 200	48.9	71.2	77.4	83.5	89.6	92.2	95.2	95.5	96.1	97.1	97.4	97.4	97.7	97.7	98.1	99.1
≥ 100	48.9	71.2	77.4	83.5	89.6	92.2	95.2	95.8	96.1	97.4	97.7	97.7	98.1	98.1	98.4	[illegible]
≥ 0	48.9	71.2	77.4	83.5	89.6	92.2	95.2	95.8	96.1	97.4	97.7	97.7	98.1	98.1	98.4	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	POINT MUGU, CALIFORNIA	77-82	DEC

HOURS (L S T) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	72.8	74.1	76.4	76.7	76.7	77.4	77.7	77.7	78.3	78.3	79.6	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	74.4	76.1	79.3	79.9	79.9	[illegible]	[illegible]	80.9	81.5	81.5	81.9	[illegible]
≥ 18000	[illegible]	64.7	69.6	72.2	75.1	76.7	79.9	80.6	80.6	81.2	81.6	81.6	82.2	82.2	82.5	[illegible]
≥ 16000	[illegible]	64.7	69.6	72.2	75.1	76.7	79.9	80.6	80.6	81.2	81.6	81.6	82.2	82.2	82.5	82.9
≥ 14000	44.7	65.4	70.2	72.8	75.7	77.4	80.6	81.2	81.2	81.9	82.2	82.2	82.9	82.9	83.2	83.5
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	66.7	71.5	74.1	77.7	79.3	82.5	83.2	83.2	83.8	84.1	84.1	84.8	84.8	85.1	85.4
≥ 9000	[illegible]	66.7	71.5	74.1	77.7	79.3	82.5	83.2	83.2	83.8	84.1	84.1	84.8	84.8	85.1	[illegible]
≥ 8000	[illegible]	67.6	72.8	75.4	79.0	80.6	83.8	84.5	84.5	85.1	85.4	85.4	86.1	86.1	[illegible]	86.7
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: POINT MUGU, CALIFORNIA | YEARS: 73-82 | MONTH: DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T): 12

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3[illegible].2	5[illegible].9	63.8	66.[illegible]	69.6	69.6	72.8	74.1	74.1	75.1	76.1	76.1	76.4	76.4	76.9	77.[illegible]
≥ 20000	4[illegible].8	62.8	66.7	68.9	72.5	72.5	76.1	77.4	77.4	79.[illegible]	79.9	79.9	80.3	80.3	80.3	81.9
≥ 18000	40.[illegible]	62.6	66.7	69.3	72.8	72.8	76.4	77.7	77.7	79.3	8[illegible].3	8[illegible].3	8[illegible].6	8[illegible].6	80.6	81.2
≥ 16000	41.1	63.1	67.0	69.6	73.1	73.1	76.7	78.0	78.3	79.6	8[illegible].6	8[illegible].6	80.9	80.9	81.9	82.6
≥ 14000	41.1	63.4	67.3	69.9	73.5	73.5	77.0	78.3	78.3	79.9	80.9	80.9	81.2	81.2	81.2	82.9
≥ 12000	41.1	63.8	67.6	7[illegible].2	73.8	73.8	77.4	78.6	78.6	80.3	81.2	81.2	81.6	81.6	81.6	83.2
≥ 10000	41.8	64.7	68.6	71.5	7[illegible].1	75.1	79.0	80.3	80.3	81.9	82.9	82.9	83.2	83.2	83.2	83.9
≥ 9000	41.4	64.7	68.6	71.5	75.1	75.1	79.0	80.3	80.3	81.9	82.9	82.9	83.2	83.2	83.2	83.9
≥ 8000	42.1	66.3	7[illegible].2	73.1	76.7	76.7	80.6	81.9	81.9	83.5	84.5	84.5	84.8	84.8	84.8	85.4
≥ 7000	42.1	66.3	7[illegible].2	73.1	76.7	76.7	80.6	81.9	81.9	83.5	84.5	84.5	84.8	84.8	84.8	85.4
≥ 6000	42.1	66.3	7[illegible].2	73.1	76.7	76.7	80.6	81.9	81.9	83.5	84.5	84.5	84.8	84.8	84.8	85.4
≥ 5000	42.1	66.3	70.2	73.1	76.7	76.7	80.6	81.9	81.9	83.5	84.5	84.5	84.8	84.8	84.8	85.4
≥ 4500	42.4	66.7	70.6	73.5	77.[illegible]	77.0	80.9	82.2	82.2	83.8	84.8	84.8	85.1	85.1	85.1	85.8
≥ 4000	42.4	66.7	7[illegible].6	73.5	77.[illegible]	77.0	80.9	82.2	82.2	83.8	84.8	84.8	85.1	85.1	85.1	85.8
≥ 3500	42.4	66.7	7[illegible].6	73.5	77.[illegible]	77.0	80.9	82.2	82.2	83.8	84.[illegible]	84.8	85.1	85.1	85.1	85.8
≥ 3000	43.4	68.3	72.2	75.1	78.6	78.6	82.5	83.8	83.8	85.4	86.4	86.4	86.7	86.7	86.7	87.4
≥ 2500	43.4	68.3	72.2	75.4	79.[illegible]	79.[illegible]	82.9	84.1	84.1	85.8	86.7	86.7	87.1	87.1	87.1	87.7
≥ 2000	43.4	68.3	72.2	75.4	79.0	79.0	82.9	84.1	84.1	85.8	86.7	86.7	87.1	87.1	87.1	87.7
≥ 1800	43.4	68.3	72.5	75.7	79.3	79.3	83.2	84.5	84.5	86.1	87.1	87.1	87.4	87.4	87.4	88.[illegible]
≥ 1500	43.7	67.3	73.8	77.7	81.2	81.2	85.1	86.4	86.4	88.0	89.[illegible]	89.[illegible]	89.3	89.3	89.3	90.0
≥ 1200	43.7	67.3	74.1	78.[illegible]	82.2	82.2	86.1	87.4	87.4	89.0	90.[illegible]	90.0	90.3	90.3	90.3	90.9
≥ 1000	43.7	67.3	74.1	78.6	82.9	82.9	87.1	88.4	88.4	91.3	91.3	91.3	91.6	91.6	91.6	92.2
≥ 900	43.7	67.5	74.4	78.9	83.2	83.2	87.4	88.7	88.7	90.6	91.6	91.6	91.9	91.9	91.9	92.6
≥ 800	43.7	67.9	75.4	79.9	84.5	84.5	89.[illegible]	90.3	90.3	92.2	93.5	93.5	93.9	93.9	93.9	94.5
≥ 700	43.7	67.9	75.4	79.9	84.5	84.5	89.[illegible]	90.6	90.6	92.9	93.9	93.9	94.2	94.2	94.2	94.8
≥ 600	43.7	67.9	75.7	80.3	84.8	84.8	89.3	90.9	90.9	92.9	94.2	94.2	94.5	94.5	94.5	95.2
≥ 500	43.7	67.9	75.7	80.3	84.8	84.8	89.6	91.3	91.3	93.2	94.5	94.5	94.8	94.8	94.9	95.5
≥ 400	43.7	67.9	75.7	80.3	84.8	84.8	90.0	91.6	91.6	93.9	95.2	95.2	95.5	95.5	95.5	96.1
≥ 300	43.7	67.9	75.7	80.3	84.8	84.8	90.0	91.6	91.6	93.9	95.2	95.2	95.5	95.5	95.5	96.1
≥ 200	43.7	67.9	75.7	8[illegible].3	84.8	84.8	90.[illegible]	91.9	91.9	94.2	95.5	95.5	96.1	96.4	96.4	97.1
≥ 100	43.7	67.9	75.7	8[illegible].3	84.8	84.8	90.[illegible]	91.9	91.9	94.2	95.5	95.5	96.4	96.8	96.8	97.4
≥ 0	43.7	67.9	75.7	80.3	84.8	84.8	90.0	91.9	91.9	94.2	95.5	95.5	96.4	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 5[illegible]9

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | POINT MUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.2	[illegible]	64.6	[illegible]	69.6	70.6	72.6	73.3	73.3	74.0	74.4	74.4	74.7	74.7	75.[illegible]	75.5
≥ 20000	48.1	63.6	68.[illegible]	[illegible]	73.3	74.5	76.6	77.[illegible]	77.7	78.5	79.[illegible]	79.[illegible]	79.3	79.3	79.6	80.2
≥ 18000	48.2	63.[illegible]	68.3	[illegible]	73.9	75.1	77.8	78.2	78.3	79.1	79.[illegible]	79.[illegible]	79.9	79.9	80.2	80.3
≥ 16000	48.3	64.1	68.5	[illegible]	74.1	75.2	77.5	78.4	79.5	79.3	79.7	79.7	80.1	80.1	80.4	81.0
≥ 14000	48.5	64.4	69.[illegible]	74.[illegible]	74.5	75.7	78.[illegible]	78.9	79.[illegible]	79.6	80.[illegible]	[illegible].3	[illegible].7	81.7	82.[illegible]	83.5
≥ 12000	48.6	64.6	69.8	71.5	75.2	76.5	78.9	79.7	79.9	[illegible].7	81.2	81.2	81.6	81.6	81.9	82.5
≥ 10000	48.8	65.6	71.1	72.4	76.1	77.3	79.9	[illegible].7	80.[illegible]	81.[illegible]	82.2	82.2	82.6	82.6	82.8	83.4
≥ 9000	48.[illegible]	65.7	71.2	72.5	76.1	77.4	79.9	80.8	81.[illegible]	82.[illegible]	82.2	82.2	82.6	82.6	82.9	83.5
≥ 8000	49.1	66.6	71.2	73.5	77.1	78.4	81.[illegible]	81.8	81.[illegible]	82.9	83.2	83.2	83.6	83.6	83.9	84.5
≥ 7000	49.3	66.7	71.3	73.7	77.3	78.6	81.1	82.[illegible]	82.1	83.[illegible]	83.[illegible]	83.4	83.8	83.[illegible]	84.1	84.7
≥ 6000	49.4	66.[illegible]	71.5	73.9	77.5	78.8	81.3	82.2	82.[illegible]	83.2	83.6	83.6	84.[illegible]	84.[illegible]	84.3	84.9
≥ 5000	49.4	67.[illegible]	71.8	74.2	77.8	79.1	81.6	[illegible].2	82.[illegible]	83.[illegible]	83.[illegible]	83.[illegible]	84.[illegible]	84.3	84.6	85.2
≥ 4500	49.6	67.6	72.3	74.7	78.3	79.6	[illegible].1	83.[illegible]	[illegible].1	[illegible].[illegible]	84.4	84.4	84.8	84.[illegible]	85.1	85.7
≥ 4000	49.6	67.7	72.5	[illegible].8	78.5	79.8	82.3	[illegible].1	[illegible].7	[illegible].1	84.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	85.9
≥ 3500	49.[illegible]	67.[illegible]	72.6	75.[illegible]	78.6	79.9	[illegible].4	[illegible].3	[illegible].4	[illegible].3	84.7	84.7	[illegible].1	[illegible].1	85.4	[illegible].[illegible]
≥ 3000	49.[illegible]	[illegible].4	73.1	75.6	79.2	[illegible].5	[illegible].1	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].8	[illegible].[illegible]	[illegible].1	[illegible].7
≥ 2500	49.1	[illegible].8	73.6	[illegible].2	[illegible].3	[illegible].3	[illegible].[illegible]	[illegible].9	[illegible].[illegible]	[illegible].9	[illegible].3	[illegible].3	[illegible].7	[illegible].7	[illegible].[illegible]	[illegible].6
≥ 2000	49.1	[illegible].1	74.2	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].9	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	[illegible].2	[illegible].3	[illegible].7	[illegible].7	[illegible].[illegible]	[illegible].6
≥ 1800	49.[illegible]	[illegible].3	74.4	[illegible].1	[illegible].[illegible]	[illegible].4	[illegible].2	[illegible].2	[illegible].4	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].1	[illegible].1	[illegible].[illegible]	[illegible].[illegible]
≥ 1500	49.3	[illegible].0	75.7	[illegible].7	82.7	[illegible].4	[illegible].4	[illegible].4	[illegible].6	[illegible].5	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
≥ 1200	49.4	[illegible].2	75.9	[illegible].[illegible]	[illegible].4	[illegible].0	[illegible].3	[illegible].3	[illegible].5	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	[illegible].3	[illegible].6	[illegible].3
≥ 1000	49.5	[illegible].6	[illegible].3	[illegible].7	[illegible].2	[illegible].6	[illegible].5	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].5	[illegible].5	[illegible].9	[illegible].9	[illegible].2	[illegible].6
≥ 900	49.5	[illegible].6	76.5	[illegible].[illegible]	[illegible].4	[illegible].2	[illegible].7	[illegible].9	[illegible].1	[illegible].2	[illegible].7	[illegible].7	[illegible].1	[illegible].1	[illegible].5	[illegible].1
≥ 800	49.5	[illegible].8	76.7	[illegible].1	[illegible].7	[illegible].6	[illegible].2	[illegible].4	[illegible].7	[illegible].8	[illegible].4	[illegible].4	[illegible].9	[illegible].[illegible]	[illegible].2	[illegible].8
≥ 700	49.5	[illegible].8	[illegible].[illegible]	[illegible].5	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].3	[illegible].5	[illegible].1	[illegible].[illegible]	[illegible].6	[illegible].6	[illegible].[illegible]	[illegible].5
≥ 600	49.5	[illegible].3	[illegible].2	[illegible].6	[illegible].5	[illegible].4	[illegible].1	[illegible].6	[illegible].8	[illegible].[illegible]	[illegible].7	[illegible].7	[illegible].2	[illegible].[illegible]	[illegible].5	[illegible].1
≥ 500	49.5	[illegible].0	[illegible].3	[illegible].[illegible]	[illegible].6	[illegible].5	[illegible].3	[illegible].9	[illegible].1	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	[illegible].6	[illegible].9	[illegible].5
≥ 400	49.5	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].7	[illegible].6	[illegible].4	[illegible].0	[illegible].3	[illegible].6	[illegible].4	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].4	[illegible].7
≥ 300	49.5	[illegible]	[illegible].3	[illegible].[illegible]	[illegible].7	[illegible].6	[illegible].5	[illegible].2	[illegible].5	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	[illegible].5	[illegible].5	[illegible].9	[illegible].5
≥ 200	49.5	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].7	[illegible].6	[illegible].6	[illegible].3	[illegible].6	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	[illegible].9	[illegible].[illegible]	[illegible].[illegible]
≥ 100	49.5	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].7	[illegible].6	[illegible].6	[illegible].3	[illegible].6	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	[illegible].[illegible]	[illegible].5	[illegible].6
0	49.5	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].7	[illegible].6	[illegible].6	[illegible].3	[illegible].6	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	[illegible].[illegible]	[illegible].5	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 7476

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

1 (STATION) | POINT HUGU, CALIFORNIA (STATION NAME) | 73-82 (YEARS) | ALL (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	27.4	51.5	57.5	61.2	62.6	63.2	64.0	64.2	64.2	64.5	64.5	64.5	64.6	64.6	64.7	64.8
≥ 20000	31.4	53.5	59.7	62.6	65.3	65.8	66.6	66.8	66.8	67.1	67.2	67.2	67.3	67.3	67.4	67.5
≥ 18000	31.4	53.6	59.9	62.8	65.3	66.1	66.9	67.1	67.1	67.4	67.4	67.4	67.5	67.5	67.6	67.8
≥ 16000	30.5	53.7	60.0	62.9	65.4	66.1	66.9	67.2	67.2	67.5	67.5	67.5	67.6	67.6	67.7	67.9
≥ 14000	30.7	54.2	60.6	63.5	66.0	66.8	67.6	67.8	67.9	68.1	68.2	68.2	68.3	68.3	68.4	68.6
≥ 12000	31.8	54.6	61.0	63.9	66.5	67.3	68.1	68.4	68.4	68.7	68.8	68.8	68.8	68.8	68.9	69.1
≥ 10000	31.8	55.1	61.6	64.6	67.2	68.0	68.9	69.1	69.1	69.4	69.5	69.5	69.6	69.6	69.7	69.8
≥ 9000	31.9	55.2	61.7	64.7	67.3	68.1	69.0	69.2	69.2	69.5	69.6	69.6	69.7	69.7	69.8	69.9
≥ 8000	31.2	56.5	62.1	65.1	67.7	68.5	69.4	69.6	69.7	69.9	70.0	70.0	70.1	70.1	70.2	70.4
≥ 7000	31.3	55.7	62.3	65.4	68.1	68.8	69.7	69.9	69.9	70.2	70.3	70.3	70.4	70.4	70.5	70.7
≥ 6000	31.4	55.9	62.5	65.6	68.2	69.0	69.9	70.1	70.1	70.4	70.5	70.5	70.6	70.6	70.7	70.9
≥ 5000	31.9	56.2	62.9	66.0	68.6	69.4	70.3	70.5	70.6	70.9	70.9	70.9	71.0	71.0	71.1	71.3
≥ 4500	31.9	56.6	63.5	66.6	69.3	70.1	71.0	71.2	71.3	71.6	71.6	71.6	71.7	71.7	71.8	72.0
≥ 4000	31.9	57.0	63.8	66.9	69.6	70.4	71.3	71.5	71.6	71.9	72.0	72.0	72.0	72.0	72.1	72.3
≥ 3500	32.0	57.4	64.1	67.3	70.0	70.8	71.7	71.9	72.0	72.3	72.4	72.4	72.4	72.4	72.5	72.7
≥ 3000	32.3	58.1	65.0	68.2	71.0	71.8	72.7	73.0	73.0	73.3	73.4	73.4	73.5	73.5	73.6	73.7
≥ 2500	32.8	58.9	66.0	69.3	72.1	73.0	73.9	74.2	74.2	74.5	74.6	74.6	74.7	74.7	74.8	74.9
≥ 2000	33.0	59.1	67.6	71.1	74.1	75.0	76.1	76.4	76.4	76.7	76.8	76.8	76.9	76.9	77.0	77.1
≥ 1800	33.0	60.3	67.9	71.5	74.5	75.5	76.5	76.8	76.9	77.2	77.3	77.3	77.3	77.3	77.4	77.6
≥ 1500	33.2	61.4	69.6	73.6	77.0	78.1	79.4	79.7	79.7	80.1	80.2	80.2	80.3	80.3	80.4	80.5
≥ 1200	33.4	61.9	70.4	74.7	78.3	79.6	80.9	81.3	81.3	81.7	81.9	81.8	81.9	81.9	82.0	82.2
≥ 1000	33.5	62.7	71.7	76.0	80.6	82.2	83.6	84.3	84.3	84.7	84.8	84.8	84.9	84.9	85.0	85.2
≥ 900	33.6	63.8	72.8	76.9	81.1	82.8	84.5	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.8	86.0
≥ 800	33.6	63.8	72.9	78.1	82.9	84.8	86.7	87.3	87.3	87.8	87.9	87.9	88.0	88.0	88.1	88.3
≥ 700	33.6	63.5	73.5	79.1	84.2	86.4	88.6	89.3	89.4	89.9	90.1	90.1	90.2	90.2	90.3	90.4
≥ 600	33.9	63.7	73.8	79.6	85.1	87.5	90.0	90.9	90.9	91.5	91.7	91.7	91.8	91.8	91.9	92.1
≥ 500	33.9	63.8	74.1	80.1	85.7	88.5	91.3	92.3	92.4	93.1	93.3	93.3	93.4	93.5	93.6	93.7
≥ 400	33.9	63.9	74.2	80.3	86.2	89.1	92.3	93.5	93.6	94.5	94.7	94.7	94.9	94.9	95.0	95.1
≥ 300	33.9	63.9	74.3	80.4	86.3	89.5	93.2	94.6	94.8	95.8	96.2	96.2	96.4	96.4	96.5	96.7
≥ 200	33.9	63.9	74.3	80.4	86.6	89.6	93.5	95.1	95.2	96.6	97.1	97.1	97.4	97.5	97.7	97.9
≥ 100	33.9	63.9	74.3	80.4	86.6	89.7	93.6	95.2	95.3	96.9	97.5	97.5	98.0	98.2	98.5	98.9
≥ 0	33.9	63.9	74.3	80.4	86.6	89.7	93.6	95.2	95.3	96.9	97.5	97.5	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 23176

DIRNAVOCEANMET SMOS

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
111	POINT MUGU, CALIFORNIA	73-82	JAN

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	01	47.2			16.8						13.5	24.5	4.2	310
	04	44.2			19.4						8.7	27.7	4.1	310
	07	32.6			24.5						17.4	25.5	4.9	310
	10	30.3			19.0						23.5	27.1	5.4	310
	13	23.5			25.8						21.6	29.0	5.6	310
	16	24.8			27.4						20.6	27.1	5.4	310
	19	32.3			29.0						14.2	24.5	4.6	310
	22	42.6			21.0						11.9	24.2	4.1	310
TOTALS		34.5			22.9						16.4	26.2	4.8	2480

NAVWEASERVCOM

SKY COVER

'111 | PO[illegible] HUGU, CALIFORNIA | 73-82 | FEB
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	01	[illegible]			22.[illegible]						12.4	24.[illegible]	4.3	[illegible]
	04	44.0			15.6						13.1	27.3	4.4	292
	[illegible]7	22.[illegible]			24.5						20.9	32.6	5.9	292
	1[illegible]	24.1			21.[illegible]						26.2	28.0	5.8	292
	13	27.3			21.6						24.[illegible]	26.2	5.5	292
	1[illegible]	22.3			29.1						19.1	29.4	5.5	292
	1[illegible]	31.2			26.[illegible]						13.5	22.7	4.8	292
	22	36.[illegible]			24.5						14.[illegible]	23.[illegible]	4.5	292
TOTALS		31.1			23.2						18.9	26.9	5.1	2256

NAVWEASERVCOM

SKY COVER

[illegible] POINT MUGU, CALIFORNIA 73-82 [illegible]
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	01	41.5			15.8						11.9	25.8	4.1	310
	04	42.3			17.4						13.2	26.5	4.4	310
	07	29.0			31.3						17.4	32.3	5.4	310
	10	28.1			24.5						18.4	29.0	5.3	310
	13	23.2			33.0						22.6	24.2	5.4	310
	16	23.2			33.2						20.6	22.9	5.1	310
	19	31.9			30.0						20.3	17.7	4.5	310
	22	42.3			23.9						13.2	20.6	4.0	310
TOTALS		33.4			24.5						17.2	24.9	4.9	2480

NAVWEASERVCOM

4

SKY COVER

111 | POINT MUGU, CALIFORNIA | 73-82 | APR

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	01	44.3			18.7						10.3	22.7	3.8	300
	04	50.7			13.3						12.3	23.7	3.9	300
	07	37.7			20.0						14.7	27.7	4.7	300
	10	33.7			26.3						14.3	26.0	4.7	300
	13	24.7			36.7						12.7	21.7	4.4	300
	16	32.3			34.0						18.7	15.0	4.2	300
	19	37.7			29.3						21.7	16.7	4.3	300
	22	50.0			23.3						7.3	19.3	3.3	300
TOTALS		39.6			24.7						13.9	21.6	4.2	2400

4

SKY COVER

111 STATION | POINT HUGU, CALIFORNIA STATION NAME | 73-82 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	1	[illegible]			14.5						11.7	33.9	4.8	310
	[illegible]	33.2			12.3						10.3	48.2	5.7	310
	[illegible]	21.3			15.8						14.5	44.4	6.6	310
	10	17.7			27.7						10.6	42.9	6.1	310
	13	21.3			20.4						17.1	32.3	5.6	310
	16	28.1			31.6						16.8	24.5	4.9	310
	19	27.4			31.6						14.5	27.4	5.0	310
	22	44.5			19.7						9.7	26.1	4.1	310
TOTALS		27.3			22.6						13.1	35.0	5.4	2480

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4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	[illegible]

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		
[illegible]	01	46.[illegible]			10.7						7.4	35.1	[illegible]	[illegible]
	[illegible]	32.1			14.0						[illegible]	45.2	[illegible]	[illegible]
	[illegible]	[illegible]			11.4						16.4	47.2	[illegible]	[illegible]
	10	27.9			13.1						14.4	39.8	[illegible]	[illegible]
	11	36.5			20.4						15.1	28.1	[illegible]	[illegible]
	[illegible]	41.1			24.4						11.4	23.1	[illegible]	[illegible]
	1[illegible]	41.[illegible]			25.1						10.0	23.1	[illegible]	[illegible]
	[illegible]2	52.7			19.1						[illegible]	24.5	[illegible]	[illegible]
TOTALS		[illegible]			17.4						11.4	33.3	[illegible]	[illegible]

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4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	JUL

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	01	43.5			14.8						6.[illegible]	34.[illegible]	4.5	[illegible]
	[illegible]	53.2			11.9						7.1	47.7	3.3	[illegible]
	[illegible]	41.[illegible]			12.6						11.6	34.5	5.9	[illegible]
	10	24.[illegible]			20.0						16.[illegible]	38.8	5.9	[illegible]
	11	31.3			25.5						21.9	21.3	4.9	[illegible]
	12	39.7			32.4						14.5	13.2	3.6	[illegible]
	13	47.1			24.8						11.[illegible]	16.1	3.4	[illegible]
	14	54.[illegible]			15.2						[illegible].1	22.3	[illegible].2	[illegible]
TOTALS		37.[illegible]			19.7						12.1	31.[illegible]	4.8	2[illegible]

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SKY COVE

STATION	STATION NAME	PERIOD	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]	[illegible]

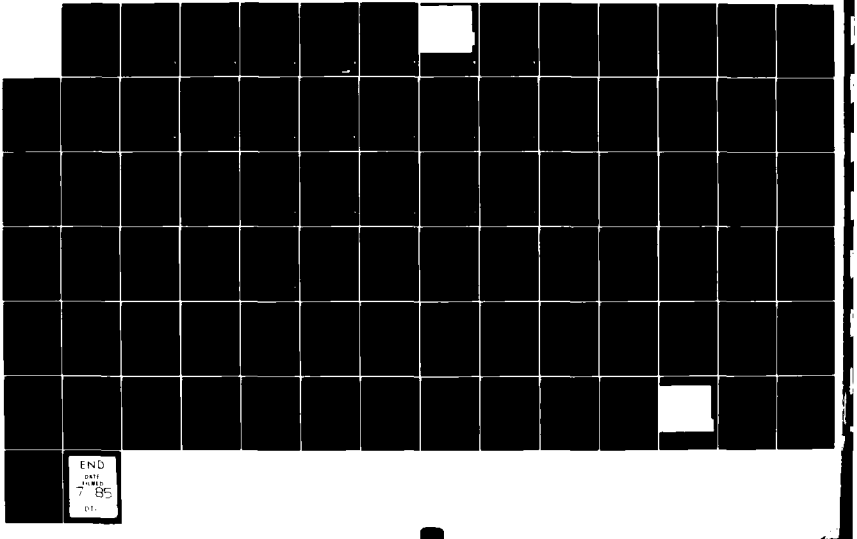
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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		
[illegible]	01	36.[illegible]			11.3						[illegible]	43.[illegible]	[illegible]	[illegible]
	[illegible]	2[illegible]			[illegible].7						[illegible]	[illegible]2.3	[illegible]	[illegible]
	[illegible]	18.1			13.[illegible]						11.[illegible]	56.[illegible]	[illegible].1	[illegible]
	1[illegible]	2[illegible].1			23.[illegible]						15.5	34.9	[illegible].6	[illegible]
	1[illegible]	3[illegible].3			34.5						14.[illegible]	[illegible]1.[illegible]	[illegible].4	[illegible]
	1[illegible]	33.[illegible]			37.7						14.[illegible]	14.[illegible]	[illegible].[illegible]	[illegible]
	1[illegible]	3[illegible].[illegible]			[illegible].4						11.[illegible]	[illegible]2.[illegible]	[illegible].2	[illegible]
	[illegible]2	43.5			16.5						[illegible].4	31.[illegible]	[illegible].4	[illegible]
TOTALS		31.[illegible]			[illegible].0						11.[illegible]	34.6	[illegible].7	[illegible]

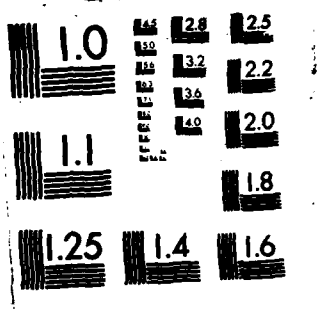
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AD-A150 393 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/9
POINT MUGU CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC OCT 83

UNCLASSIFIED F/G 4/2 NL



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

SKY COVER

STATION	STATION NAME	PERIOD		MONTH
93111	POINT MUGU, CALIFORNIA	73-82		SEP

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	01	37.0			14.3						7.7	41.0	5.2	300
	04	32.7			11.3						7.7	48.3	5.9	300
	07	18.3			15.7						15.0	51.0	6.9	300
	10	25.0			20.0						16.0	39.0	5.9	300
	13	32.3			22.7						17.7	27.3	5.0	300
	16	28.3			31.3						18.3	22.0	4.8	300
	19	39.3			21.3						10.0	29.3	4.5	300
	22	41.7			17.3						8.0	33.0	4.5	300
TOTALS		31.8			19.2						12.6	36.4	5.3	2400

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SKY COVER

93111	POINT MUGU, CALIFORNIA	73-82	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	42.6			16.1						10.0	31.3	4.5	319
	04	39.4			14.2						11.9	34.5	5.0	318
	07	30.6			21.0						13.9	34.5	5.3	310
	10	30.0			27.1						19.0	23.9	4.9	310
	13	34.2			31.9						17.4	16.5	4.2	310
	16	34.0			32.4						17.2	16.5	4.2	309
	19	41.3			23.2						14.8	20.6	4.1	310
	22	47.4			12.9						10.6	29.0	4.2	310
TOTALS		37.4			22.4						14.4	25.9	4.6	2479

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SKY COVER

93111	POINT MUGU, CALIFORNIA	73-82	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01	51.7			16.0						13.7	18.7	3.6	300
	04	53.7			17.3						10.0	19.0	3.3	300
	07	36.0			25.0						21.3	17.7	4.4	300
	10	32.7			30.7						20.3	16.3	4.4	300
	13	30.3			32.3						22.7	14.7	4.5	300
	16	31.0			30.3						25.0	13.7	4.5	300
	19	38.7			34.0						14.3	13.0	3.6	300
	22	49.0			24.0						10.3	16.7	3.3	300
TOTALS		40.4			26.2						17.2	16.2	4.0	2400

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
93111	POINT MUGU, CALIFORNIA	73-82	DEC

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	01	47.1			21.6						11.3	20.0	3.7	310
	04	49.0			21.0						10.6	19.4	3.5	310
	07	30.3			32.6						16.8	20.3	4.5	310
	10	33.9			27.1						18.1	21.0	4.5	310
	13	33.5			26.1						21.6	18.7	4.6	310
	16	33.3			24.6						21.0	21.0	4.7	309
	19	38.2			32.7						11.7	17.5	3.8	309
	22	43.7			27.8						9.7	18.8	3.6	309
TOTALS		38.6			26.7						15.1	19.6	4.1	2477

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
93111	POINT MUGU, CALIFORNIA	73-82	ALL

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	34.5			22.9						16.4	26.2	4.8	2480
FEB		31.1			23.2						18.9	26.9	5.1	2256
MAR		33.4			24.5						17.2	24.9	4.8	2480
APR		39.8			24.7						13.9	21.6	4.2	2400
MAY		29.3			22.6						13.1	35.0	5.4	2480
JUN		33.0			17.4						11.4	33.3	4.9	2391
JUL		37.2			19.7						12.1	31.3	4.8	2480
AUG		31.8			22.0						11.6	34.6	5.2	2480
SEP		31.8			19.2						12.6	36.4	5.3	2400
OCT		37.4			22.4						14.4	25.9	4.6	2479
NOV		40.4			26.2						17.2	16.2	4.0	2400
DEC		38.6			26.7						15.1	19.6	4.1	2477
TOTALS		35.3			22.6						14.5	27.6	4.8	29203

[redacted]

NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), 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.

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

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.

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

[illegible] POINT MUGU, CALIFORNIA 60-82
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 100						.1			.2	.6			.1
≥ 95				.5	.3	.8		.1	1.1	1.4	.1		.2
≥ 90	.1				.6	.9			3.2	3.8	.3		.6
≥ 85	1.2	.5	.3	1.8	.8	2.1	.3	.8	5.7	6.7	2.4	1.0	1.2
≥ 80	4.2	3.3	1.7	3.9	2.3	2.7	1.6	3.3	10.8	11.4	8.0	3.5	4.8
≥ 75	9.8	9.0	4.1	5.3	3.7	5.4	12.2	31.8	29.8	20.7	16.8	9.4	13.2
≥ 70	18.5	18.6	10.0	11.9	12.0	31.3	63.4	87.9	76.7	55.7	31.3	18.8	36.5
≥ 65	35.8	37.7	25.9	40.2	56.3	95.4	98.6	99.6	99.1	93.6	63.6	41.6	64.9
≥ 60	71.3	76.9	74.1	87.1	98.6	100.0	100.0	100.0	100.0	99.9	95.5	77.2	90.1
≥ 55	95.1	99.1	99.1	99.8	100.0					100.0	99.9	96.4	99.1
≥ 50	99.7	99.8	100.0	100.0							100.0	99.3	99.9
≥ 45	100.0	100.0										100.0	100.0
≥													
≥													
≥													
≥													
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MEAN	63.7	64.2	62.9	64.9	65.7	68.5	70.8	73.1	73.3	71.8	67.9	64.2	67.5
S. D.	7.389	6.490	5.176	5.918	4.535	4.714	3.456	3.399	5.755	6.940	6.750	6.867	6.950
TOTAL OBS.	6[illegible]3	636	702	665	707	670	696	705	665	704	674	693	8710

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DAILY TEMPERATURES

[illegible] STATION — POINT MUGU, CALIFORNIA STATION NAME — 60-82 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
NN 70								.1	.3	.3			.1
NN 65	.4						.7	2.8	5.7	1.3	.7	1.0	1.1
NN 60	1.8	.5	.3	.2	.7	7.5	21.4	46.1	38.2	13.9	2.2	1.6	11.2
NN 55	7.6	2.2	4.4	5.7	25.2	53.7	72.0	86.5	78.5	40.6	12.8	6.6	33.4
NN 50	23.5	21.9	21.9	33.5	66.5	89.9	96.4	98.7	97.9	74.6	40.1	18.8	57.2
NN 45	48.9	55.0	56.1	71.1	94.6	98.5	99.9	100.0	99.8	95.2	70.9	43.9	78.0
NN 40	78.5	87.1	90.7	96.5	99.6	99.9	100.0		100.0	99.4	95.8	78.4	93.8
NN 35	96.5	98.6	99.7	100.0	100.0	100.0				99.9	100.0	96.1	99.2
NN 30	99.9	99.8	100.0							100.0		99.3	99.9
NN 25	100.0	100.0										100.0	100.0
NN													
NN													
NN													
NN													
NN													
NN													
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NN													
MEAN	44.0	45.4	45.6	47.3	51.3	54.8	56.6	58.8	58.0	53.2	48.0	44.2	50.7
S.D.	6.541	5.289	4.847	4.468	4.195	3.856	3.775	3.696	4.212	5.519	5.068	6.378	7.182
TOTAL OBS.	693	636	702	665	707	670	696	705	665	704	674	693	8210

NAVWEASERVCOM

DAILY TEMPERATURES

111 — POINT MUGU, CALIFORNIA — 6[illegible]-8[illegible]
STATION — STATION NAME — YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]									.[illegible]	.1			.[illegible]
≥ [illegible]									.9	.9			.1
≥ 75	.[illegible]			.3	.3	.6	.1	.6	2.7	2.4	.6	.1	.7
≥ 70	2.[illegible]	.5	.3	1.2	.8	2.4	3.6	12.1	14.1	8.0	3.9	2.0	4.3
≥ 65	6.[illegible]	4.4	1.9	3.6	3.1	13.3	38.8	70.1	60.0	31.1	9.1	6.1	2[illegible].8
≥ 60	17.2	15.6	9.5	14.9	39.5	80.8	95.8	99.4	96.8	74.9	35.0	15.7	49.8
≥ 55	45.6	49.4	43.7	65.9	90.1	98.7	100.0	100.0	100.0	98.0	78.2	43.9	76.2
≥ 50	86.8	92.1	93.3	96.5	99.7	100.0				99.6	98.4	83.3	95.3
≥ 45	97.9	99.7	100.0	100.0	100.0					100.0	100.0	97.3	99.6
≥ 40	100.0	100.0										99.9	100.0
≥ 35												100.0	100.0
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MEAN	[illegible]4.5	55.1	54.5	56.1	58.7	61.8	63.9	66.2	65.9	62.7	58.2	54.4	59.3
S.D.	5.[illegible]	4.642	3.875	4.112	3.329	3.176	2.862	2.839	3.851	4.920	5.086	5.753	6.147
TOTAL OBS.	[illegible]	636	702	565	[illegible]	670	696	735	665	704	674	693	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	JANUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	51.5	10.8	61.5	16.4	71	21.7	1972	41.5	5.3	31	-.6	197
2	52.6	11.4	63.0	17.2	79	26.1	1982	42.1	5.6	30	-1.1	1975
3	52.9	11.6	63.2	17.3	79	26.1	1969	42.7	5.9	32	.0	1976
4	52.2	11.2	63.0	17.2	69	28.9	1969	41.4	5.2	29	-1.7	197
5	53.5	11.9	63.9	17.7	82	27.8	1981	43.2	6.2	32	.0	197
6	54.5	12.5	64.7	18.2	77	25.0	1981	44.2	6.8	34	1.1	1966
7	55.2	12.9	64.5	18.1	88	31.1	1962	45.9	7.7	36	2.2	1973
8	53.3	11.8	62.7	17.1	71	21.7	1966	44.0	6.7	31	-.6	1971
9	53.6	12.0	62.2	16.8	7	23.9	1967	45.0	7.2	34	1.1	1972
10	54.4	12.4	63.2	17.3	8	27.8	1967	45.5	7.5	36	2.2	1972
11	54.0	12.2	62.7	17.1	77	25.0	1961	45.3	7.4	39	3.9	1971*
12	55.1	12.8	63.3	17.4	74	23.3	1975*	46.9	8.3	36	2.2	196
13	55.9	13.3	65.8	18.8	79	26.1	1975*	46.0	7.8	35	1.7	1963
14	57.3	14.1	67.3	19.6	8	28.3	1975*	47.4	8.6	33	.6	1963
15	57.2	14.1	66.4	19.1	88	31.1	1976	48.3	9.1	37	2.8	1964*
16	56.4	13.6	65.4	18.6	9	32.2	1976	47.5	8.6	33	.6	1963
17	57.2	14.0	67.0	19.4	88	31.1	1965	47.4	8.6	38	2.2	1963*
18	55.5	13.1	65.3	18.5	83	28.3	1977*	45.8	7.7	35	1.7	1963
19	56.4	13.6	65.4	18.6	86	30.0	1975	47.4	8.6	36	2.2	1979
20	55.6	13.1	64.1	17.8	82	27.8	1976	47.2	8.4	38	3.3	1967*
21	53.9	12.2	62.3	16.7	82	27.8	1976	45.8	7.7	36	2.2	1980*
22	53.8	12.1	62.6	17.1	8	24.3	1968	44.7	7.1	34	1.1	1966
23	53.9	12.2	63.3	17.4	8	27.8	1969	44.5	6.9	35	1.7	1966
24	54.3	12.3	63.9	17.7	76	24.4	1974	44.5	6.9	35	1.7	1966
25	52.2	11.2	60.9	16.1	67	19.4	1977*	43.5	6.4	35	1.7	1966
26	52.5	11.4	62.0	16.7	82	27.8	1971	43.3	6.1	34	1.1	1979
27	54.1	12.3	64.6	18.1	83	28.3	1976	43.6	6.4	34	1.1	1979
28	54.8	12.7	64.2	17.9	87	30.6	1976	45.5	7.5	32	.0	1979
29	53.9	12.2	63.7	17.6	81	27.2	1962	44.0	6.7	31	-.6	1979*
30	52.4	11.6	61.8	16.6	72	23.9	1962	43.8	6.6	34	1.1	1952*
31	52.3	11.6	62.3	16.8	7	25.6	1964	43.4	6.3	35	1.7	1981*
Monthly	54.3	12.4	63.7	17.6	9	32.2	1976	44.9	7.2	29	-1.7	197

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

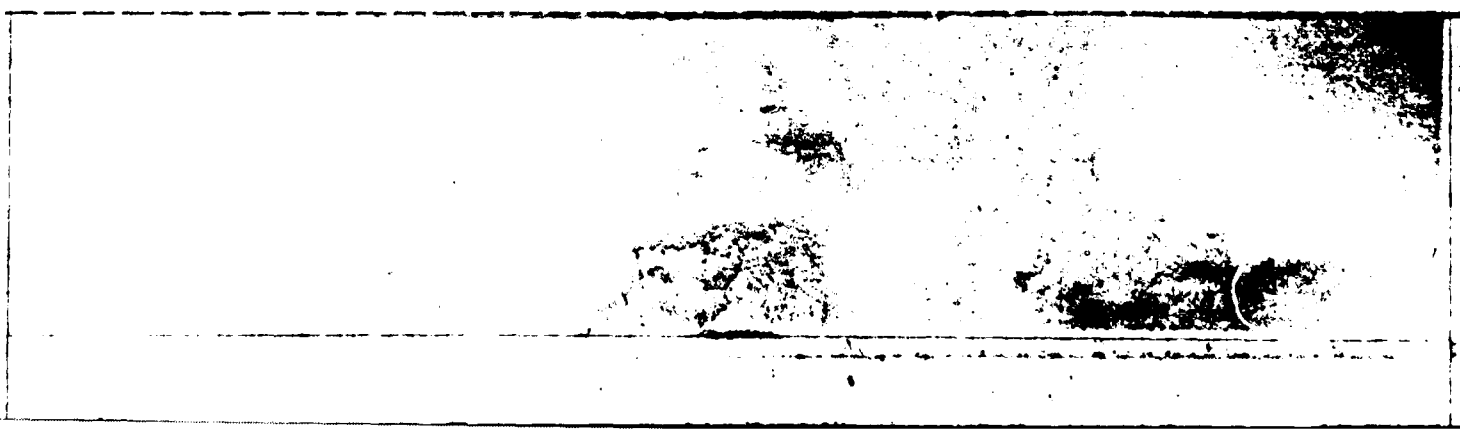
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	FEBRUARY

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	[illegible]4.1	12.3	63.1	17.3	73	22.8	1980	45.1	7.3	34	1.1	1981
2	[illegible]5.6	13.1	65.6	18.7	78	25.6	1964	45.6	7.6	39	3.9	1977
3	56.6	13.7	66.7	19.3	83	28.3	1968	46.5	8.1	37	2.8	1982
4	[illegible]5.5	13.1	65.0	18.3	83	28.3	1968	46.0	7.8	34	1.1	1971
5	54.8	12.7	64.4	18.0	75	23.9	1968*	45.2	7.3	36	2.2	1974
6	[illegible]4.[illegible]	12.7	63.6	17.6	78	25.6	1980	46.0	7.8	35	1.7	1979
7	[illegible]3.4	11.9	61.7	16.5	69	20.6	1974	45.0	7.2	37	2.8	1979
8	[illegible]5.[illegible]	12.8	63.3	17.4	79	26.1	1964	46.7	8.2	37	2.8	1966
9	55.2	12.9	63.3	17.4	82	27.8	1971	47.2	8.4	35	1.7	1979
10	[illegible]4.2	12.3	62.8	17.1	80	26.7	1977	45.6	7.6	35	1.7	1980
11	[illegible]4.6	12.6	63.8	17.7	73	22.8	1976*	45.3	7.4	34	1.1	1980
12	54.8	12.7	64.8	18.2	89	31.7	1971	44.8	7.1	35	1.7	1980
13	[illegible]4.3	12.4	63.6	17.6	81	27.2	1981	45.1	7.3	34	1.1	1965
14	[illegible]4.3	12.4	62.8	17.1	74	23.3	1981	45.8	7.7	36	2.2	1966
15	[illegible]4.2	12.3	63.8	17.7	81	27.2	1981	44.7	7.1	34	1.1	1964
16	54.7	12.6	64.5	18.1	86	30.0	1981	45.0	7.2	38	3.3	1975*
17	[illegible]4.1	12.3	64.1	17.8	86	30.0	1981	44.1	6.7	36	2.2	1965
18	[illegible]4.2	12.3	64.0	17.8	80	26.7	1964	44.3	6.8	36	2.2	1975
19	55.6	13.1	65.5	18.6	82	27.8	1964	45.8	7.7	38	3.3	1975
20	56.2	13.4	65.9	18.8	81	27.2	1981	46.5	8.1	39	3.9	1974*
21	56.4	13.6	65.8	18.8	79	26.1	1981*	46.9	8.3	34	1.1	1971
22	56.2	13.4	67.0	19.4	81	27.2	1981*	45.4	7.4	38	3.3	1974*
23	55.7	13.2	66.4	19.1	83	28.3	1963	45.1	7.3	38	3.3	1960
24	[illegible]5.1	12.8	64.0	17.8	77	25.0	1974	46.2	7.9	39	3.9	1971*
25	[illegible]3.9	12.2	64.1	17.8	83	28.7	1974	43.8	6.6	35	1.7	1962*
26	[illegible]3.5	11.9	63.[illegible]	17.2	77	25.0	1980	44.0	6.7	38	3.3	1977
27	[illegible]3.4	11.9	63.2	17.3	80	26.7	1963	43.6	6.4	27	-2.8	1971
28	[illegible]4.[illegible]	12.3	63.4	17.4	79	26.1	1963	45.0	7.2	34	1.1	1962
29	[illegible]4.[illegible]	12.7	62.2	16.8	68	18.9	1980	47.7	8.7	44	6.7	1972
30												
31												
Monthly	[illegible]4.[illegible]	12.7	64.2	17.9	83	31.7	1971	45.4	7.4	27	-2.8	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	MARCH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	53.7	12.1	62.6	17.0	79	26.1	1961	44.8	7.1	35	1.7	1962
2	53.0	11.7	61.8	16.6	70	21.1	1972*	44.1	6.7	36	2.2	1979*
3	52.4	11.3	62.1	16.7	73	22.8	1972	42.7	5.9	33	.6	1971
4	53.4	11.9	63.0	17.2	81	27.2	1972	43.8	6.6	36	2.2	1976
5	53.9	12.2	62.8	17.1	78	25.6	1979	45.0	7.2	38	3.3	1971*
6	53.9	12.2	62.7	17.1	84	28.9	1979	45.2	7.3	37	2.8	1967
7	53.5	11.9	62.2	16.8	76	24.4	1979	44.9	7.2	36	2.2	1976
8	53.3	11.8	63.8	18.0	69	20.9	1981	45.9	7.7	35	1.7	1964
9	53.3	11.8	61.2	16.2	76	24.4	1981	45.4	7.4	36	2.2	1961
10	53.2	11.8	61.6	16.4	78	25.6	1981	44.9	7.2	37	2.8	1962
11	53.1	11.7	61.6	16.4	73	22.9	1977	44.7	7.1	36	2.2	1962
12	54.0	12.2	61.9	16.6	72	22.2	1976	46.2	7.9	38	3.3	1977*
13	54.2	12.3	62.5	16.9	70	21.1	1970	45.9	7.7	40	4.4	1977
14	53.4	11.9	62.7	17.1	73	22.8	1964	44.1	6.7	35	1.7	1977
15	54.4	12.4	63.4	17.4	82	27.9	1970	45.3	7.4	38	3.3	1977
16	56.6	13.7	65.3	18.5	84	28.9	1978	48.0	8.9	40	4.4	1963
17	55.7	13.2	65.3	18.5	86	30.0	1978	46.1	7.8	39	3.9	1975*
18	55.0	12.8	64.3	17.9	76	24.4	1971	45.8	7.7	36	2.2	1968
19	54.0	12.2	63.0	17.2	76	24.4	1960	45.0	7.2	35	1.7	1982
20	55.0	12.8	64.0	17.8	79	25.6	1963	46.0	7.8	39	3.9	1976
21	54.6	12.6	63.0	17.2	75	23.9	1976	46.1	7.8	39	3.9	1968*
22	55.2	12.9	63.6	17.6	81	27.2	1966	46.9	8.3	35	3.9	1982
23	54.6	12.6	62.5	16.9	76	24.4	1966	46.6	8.1	38	3.3	1982
24	54.6	12.6	63.7	17.6	79	26.1	1969	45.5	7.5	38	3.3	1964
25	55.2	12.9	63.0	17.2	80	26.7	1969	47.3	8.5	37	2.8	1980
26	55.6	13.1	64.0	17.8	84	28.9	1969	47.3	8.5	39	3.9	1980
27	54.7	12.6	63.2	17.3	74	23.3	1970	46.1	7.8	36	2.2	1972
28	54.6	12.6	62.5	16.9	73	22.8	1980	46.7	8.2	36	2.2	1972
29	54.0	12.2	61.7	16.5	69	20.9	1980	46.3	7.9	38	3.3	1975*
30	53.8	12.1	62.2	16.8	68	20.0	1972	45.3	7.4	36	2.2	1967
31	54.7	12.6	63.4	17.4	73	22.8	1972	46.0	7.8	39	3.9	1977
Monthly	54.2	12.3	62.8	17.1	86	30.0	1978	45.6	7.6	33	.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	APRIL

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	54.8	12.7	63.3	17.4	72	22.2	1960	46.3	7.9	40	4.4	1967
2	55.4	13.0	64.2	17.9	86	30.0	1960	46.7	8.2	36	2.2	1982
3	56.1	13.4	66.3	19.1	88	31.1	1971	45.9	7.7	38	3.3	1980*
4	56.5	13.6	66.0	18.9	87	30.6	1971	47.1	8.4	39	3.9	1980
5	56.2	13.4	65.5	18.6	83	28.3	1981	46.9	8.3	40	4.4	1967
6	55.6	13.1	63.7	17.6	89	31.7	1962	47.5	8.6	39	3.9	1975
7	55.8	13.2	64.6	18.1	77	25.0	1962	46.9	8.3	36	2.2	1975
8	55.7	13.2	64.4	18.0	81	27.2	1980	47.0	8.3	36	2.2	1975
9	56.4	13.6	65.0	18.3	89	31.7	1968	47.8	8.8	41	5.0	1967
10	57.0	13.9	65.5	18.6	89	31.7	1968	48.5	9.2	42	5.6	1975
11	55.3	12.9	64.0	17.8	82	27.8	1980	46.5	8.1	41	5.0	1980*
12	55.7	13.2	63.7	17.6	83	28.3	1980	47.7	8.7	39	3.9	1967
13	56.2	13.4	64.5	18.1	74	23.3	1980	47.9	8.8	43	6.1	1980
14	57.1	13.9	66.0	18.9	95	35.0	1966	48.1	8.9	40	4.4	1972
15	56.7	13.7	65.8	18.8	99	37.2	1966	47.7	8.7	40	4.4	1972
16	55.5	13.1	63.6	17.6	71	21.7	1980	47.3	8.5	38	3.3	1972*
17	55.5	13.1	62.9	17.2	70	21.1	1960	48.1	8.9	39	3.9	1975
18	55.1	12.8	62.5	16.9	69	20.6	1978*	47.7	8.7	37	2.6	1968
19	54.8	12.7	63.5	17.5	75	23.9	1965	46.1	7.8	38	3.3	1979*
20	55.1	12.8	64.5	18.1	73	22.8	1976	45.8	7.7	38	3.3	1972
21	55.3	12.9	64.0	17.8	81	27.2	1973	46.6	8.1	40	4.4	1972
22	55.9	13.3	64.9	18.3	86	30.0	1973	47.0	8.3	38	3.3	1971
23	55.5	13.1	64.3	17.9	77	25.0	1968	46.6	8.1	40	4.4	1980
24	55.1	12.8	63.5	17.5	74	23.3	1965	46.7	8.2	38	3.3	1980
25	56.2	13.3	64.8	18.2	88	31.1	1965	47.3	8.5	41	5.0	1980*
26	55.9	13.3	64.5	18.1	80	26.7	1969	47.3	8.5	38	3.3	1975
27	56.4	13.6	64.3	17.9	78	25.6	1969	48.5	9.2	41	5.0	1971
28	56.5	13.6	64.5	18.1	97	36.1	1981	48.5	9.2	39	3.9	1975
29	56.5	13.6	64.9	18.3	82	27.8	1981	48.1	8.9	40	4.4	1970
30	56.7	13.7	64.9	18.1	72	22.2	1961	48.9	9.4	40	4.4	1967
31												
Monthly	55.9	13.3	64.5	18.1	99	37.2	1966	47.3	8.5	36	2.2	1982*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	MAY

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	58.0	14.4	65.8	18.8	72	22.2	1976*	50.2	10.1	42	5.6	1967
2	57.6	14.2	65.7	18.7	84	28.9	1970	49.6	9.8	44	6.7	1971
3	57.6	14.2	64.8	18.2	80	26.7	1979	50.5	10.3	43	6.1	1961
4	57.3	14.1	63.7	17.6	69	20.6	1981	51.0	10.6	45	7.2	1971
5	56.8	13.8	63.8	17.7	68	20.0	1981*	49.8	9.9	45	7.2	1975*
6	56.9	13.8	64.7	18.2	75	23.9	1978	49.1	9.5	44	6.7	1978*
7	57.5	14.2	65.0	18.3	74	23.3	1960	50.0	10.0	45	7.2	1975*
8	58.3	14.6	65.5	18.6	80	26.7	1978	51.1	10.6	45	7.2	1971*
9	57.6	14.2	65.3	18.5	74	23.3	1981	49.9	9.9	41	5.0	1979
10	57.4	14.1	65.0	18.3	73	22.8	1960	49.8	9.9	42	5.6	1982
11	57.1	13.9	64.7	18.2	77	25.0	1979	49.5	9.7	38	3.3	1980
12	58.6	14.8	65.8	18.8	80	26.7	1979	51.5	10.8	43	6.1	1982*
13	59.4	15.2	67.5	19.7	95	35.0	1979	51.4	10.8	44	6.7	1982*
14	58.7	14.8	66.1	18.9	92	33.3	1967	51.3	10.7	43	6.1	1968
15	58.8	14.9	67.0	19.4	96	35.6	1970	50.7	10.4	41	5.0	1968
16	58.9	14.9	66.7	19.3	94	34.4	1967	51.2	10.7	43	6.1	1980
17	58.7	14.8	66.6	19.2	89	31.7	1978	50.8	10.4	43	6.1	1977
18	58.6	14.8	65.8	18.8	82	27.8	1978	51.3	10.7	44	6.7	1981
19	59.0	15.0	66.1	18.9	77	25.0	1960	51.8	11.0	45	7.2	1971
20	58.6	14.8	65.7	18.7	76	24.4	1960	51.5	10.8	42	5.6	1972
21	58.4	14.7	65.7	18.7	70	21.1	1979*	51.1	10.6	42	5.6	1981
22	58.3	14.6	65.8	18.8	71	21.7	1979	50.9	10.5	44	6.7	1971
23	58.5	14.7	65.3	18.5	72	22.2	1979	51.7	10.9	41	5.0	1960
24	58.8	14.9	65.2	18.4	70	21.1	1979	52.3	11.3	45	7.2	1978*
25	58.6	14.8	65.0	18.3	74	23.3	1974	52.2	11.2	35	1.7	1980
26	59.0	15.0	66.0	18.9	75	23.9	1968	52.0	11.1	37	2.8	1980
27	59.8	15.4	66.4	19.1	75	23.9	1973	53.2	11.8	42	5.6	1980
28	61.0	16.1	68.5	20.3	82	27.8	1973	53.6	12.0	43	6.1	1980
29	60.6	15.9	67.5	19.7	83	28.3	1978	53.7	12.1	42	5.6	1980
30	59.5	15.3	66.0	18.9	73	22.8	1972	52.9	11.6	47	8.3	1980
31	59.8	15.4	65.7	18.7	70	21.1	1981*	54.0	12.2	47	8.3	1980*
Monthly	58.5	14.7	65.7	18.7	96	35.6	1970	51.3	10.7	35	1.7	1980

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	JUNE

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	59.6	15.3	65.8	18.8	76	24.4	1976	53.5	11.9	42	5.6	1971
2	59.9	15.5	66.0	18.9	71	21.7	1969	53.8	12.1	45	7.2	1980*
3	60.2	15.7	66.4	19.1	72	22.2	1981	54.0	12.2	45	7.2	1980
4	60.2	15.7	67.0	19.4	77	25.0	1981	53.5	11.9	43	6.1	1980
5	60.6	15.9	67.0	19.4	74	23.3	1977	54.3	12.4	46	7.8	1980
6	60.2	15.7	66.6	19.2	74	23.3	1977	53.8	12.1	39	3.9	1980
7	60.8	16.0	67.0	19.4	71	21.7	1979	54.7	12.6	41	5.0	1980
8	60.9	16.0	66.7	19.3	75	23.9	1979	54.8	12.7	46	7.8	1980
9	61.0	16.1	67.4	19.7	85	29.4	1979	54.5	12.5	45	7.2	1980
10	61.5	16.4	68.8	20.4	97	36.1	1979	54.3	12.4	45	7.2	1980
11	61.3	16.3	68.7	20.4	90	32.2	1979	54.0	12.2	44	6.7	1980
12	61.3	16.3	68.5	20.3	81	27.2	1979	54.1	12.3	41	5.0	1980
13	61.7	16.5	68.6	20.3	77	25.0	1981*	54.7	12.6	44	6.7	1980
14	61.9	16.6	69.7	20.9	97	36.1	1981	54.1	12.3	44	6.7	1980
15	62.4	16.9	69.6	20.9	100	37.9	1981	55.2	12.9	44	6.7	1980
16	62.1	16.7	69.3	20.7	98	36.7	1981	54.9	12.7	47	8.3	1980
17	62.2	16.8	68.6	20.3	85	29.4	1981	55.7	13.2	46	7.8	1980
18	61.5	16.4	68.4	20.2	77	25.0	1981	54.5	12.5	47	8.3	1979
19	62.0	16.7	69.1	20.6	81	27.2	1973	54.9	12.7	47	8.3	1980
20	62.0	16.7	69.4	20.8	89	31.7	1973	54.5	12.5	48	8.9	1980
21	62.3	16.8	69.5	20.8	85	29.4	1973	55.2	12.9	46	7.8	1980
22	62.3	16.8	68.9	20.5	75	23.9	1981	55.7	13.2	47	8.3	1980
23	62.6	17.0	69.7	20.9	88	31.1	1976	55.4	13.0	47	8.3	1980
24	62.2	16.8	69.3	20.7	88	31.1	1976	55.0	12.8	47	8.3	1980
25	62.6	17.0	70.4	21.3	86	30.0	1970	54.7	12.6	47	8.3	1980
26	62.0	16.7	69.5	20.8	80	26.7	1976	54.4	12.4	48	8.9	1980
27	62.0	16.7	69.7	20.9	86	30.0	1976	54.3	12.4	49	9.4	1970
28	62.4	16.9	70.2	21.2	90	32.2	1980	54.7	12.6	50	10.0	1979*
29	61.6	16.4	69.1	20.6	74	23.3	1979*	54.1	12.3	48	8.9	1979
30	61.9	16.6	70.0	21.1	74	23.3	1969	53.9	12.2	48	8.9	1970
31												
Monthly	61.5	16.4	68.5	20.3	100	37.8	1981	54.5	12.5	39	3.9	1980

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	JULY

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	61.7	16.5	68.9	20.5	73	22.8	1976*	54.4	12.4	49	9.4	1982*
2	61.6	16.4	69.3	20.7	75	23.9	1969	53.9	12.2	49	9.4	1982
3	62.1	16.7	70.0	21.1	79	26.1	1981	54.1	12.3	47	8.3	1975
4	61.8	16.6	69.2	20.7	77	25.0	1981	54.3	12.4	47	8.3	1979
5	62.2	16.8	69.1	20.6	80	26.7	1981	55.3	12.9	49	9.4	1980*
6	62.3	16.8	69.4	20.8	78	25.6	1981	55.2	12.9	46	7.8	1960
7	62.0	16.7	69.7	20.9	75	23.9	1981*	54.3	12.4	48	8.9	19[illegible]
8	62.2	16.8	69.8	21.0	76	24.4	1979	54.5	12.5	46	7.8	19[illegible]
9	62.5	16.9	69.6	20.9	74	23.3	1981*	55.4	13.0	46	7.8	1980
10	63.0	17.2	70.7	21.5	79	26.1	1968	55.3	12.9	43	6.1	1960
11	63.2	17.3	70.9	21.6	75	23.9	1968*	55.5	13.1	49	9.4	1980
12	62.8	17.1	70.6	21.4	75	23.9	1981*	55.1	12.8	48	8.9	1960
13	63.5	17.5	70.7	21.5	79	26.1	1978	56.3	13.5	49	9.4	1980
14	63.7	17.6	70.7	21.5	79	26.1	1981	56.7	13.7	46	7.8	1980
15	64.1	17.8	71.0	21.7	79	26.1	1978	57.3	14.1	48	8.9	1980
16	63.9	17.7	70.9	21.6	77	25.0	1972	56.9	13.8	50	10.0	1970*
17	63.9	17.7	71.0	21.7	78	25.6	1974	56.9	13.8	48	8.9	1980
18	63.5	17.5	70.3	21.3	76	24.4	1981	56.7	13.7	46	7.8	1980
19	64.2	17.9	70.3	21.3	74	23.3	1981*	58.0	14.4	51	10.6	1980
20	64.2	17.9	70.8	21.6	81	27.2	1960	57.7	14.3	51	10.6	1980
21	64.5	18.1	71.5	21.9	88	31.1	1960	57.5	14.2	50	10.0	1966
22	64.2	17.9	70.9	21.6	80	26.7	1960	57.5	14.2	52	11.1	1979
23	64.1	17.8	70.7	21.5	78	25.6	1974	57.6	14.2	52	11.1	1980
24	64.6	18.1	71.5	21.9	79	25.6	1974*	57.8	14.3	50	10.0	1980
25	65.0	18.3	72.2	22.3	79	26.1	1977	57.7	14.3	53	11.7	1980
26	65.2	18.4	72.2	22.3	87	30.6	1977	58.3	14.6	54	12.2	1980*
27	65.2	18.4	71.8	22.1	82	27.8	1977*	58.6	14.8	51	10.6	1965
28	65.4	18.6	72.4	22.4	79	26.1	1977*	58.5	14.7	52	11.1	1965
29	66.0	18.9	72.6	22.6	83	27.2	1972	59.3	15.2	52	11.1	1979
30	66.7	19.3	73.5	23.1	80	26.7	1980*	60.0	15.6	52	11.1	1978
31	65.9	18.8	72.6	22.6	81	27.2	1969	59.1	15.1	52	11.1	1976
Monthly	63.7	17.6	70.8	21.6	88	31.1	1960	56.6	13.7	43	6.1	1980

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

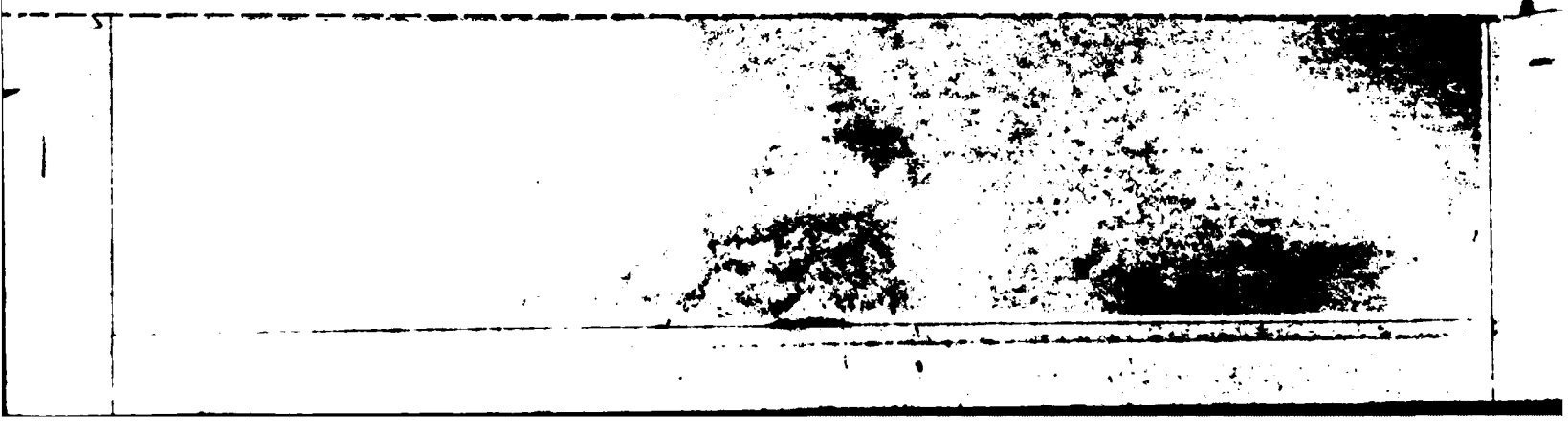
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	AUGUST

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	66.4	19.1	73.4	23.0	81	27.2	1972	59.3	15.2	51	10.6	1970
2	65.6	18.7	72.5	22.5	79	25.6	1971	58.7	14.8	49	9.4	1981
3	65.2	18.4	72.0	22.2	79	26.1	1971	58.3	14.6	49	9.4	1981
4	66.1	18.9	73.1	22.8	80	26.7	1971	59.0	15.0	51	10.6	1981
5	66.0	18.9	72.6	22.6	79	26.1	1978	59.5	15.3	53	11.7	1970
6	66.2	19.0	73.3	22.9	78	25.6	1972*	59.2	15.1	51	10.6	1980
7	66.7	19.3	74.2	23.4	84	28.9	1975	59.2	15.1	51	10.6	1970
8	66.6	19.2	74.1	23.4	79	26.1	1965	59.1	15.1	52	11.1	1980
9	66.8	19.3	74.1	23.4	85	29.4	1965	59.5	15.3	52	11.1	1970
10	66.2	19.0	73.0	22.8	80	26.7	1965	59.5	15.3	53	11.7	1982
11	66.7	19.3	73.0	22.8	78	25.6	1967*	60.3	15.7	53	11.7	1966*
12	66.5	19.2	72.7	22.6	83	28.3	1965	60.2	15.7	52	11.1	1962
13	66.5	19.2	73.1	22.8	84	28.9	1965	59.9	15.5	56	13.3	1982*
14	65.7	18.7	72.8	22.7	79	26.1	1965*	58.5	14.7	51	10.6	1982
15	65.5	18.6	72.6	22.6	79	26.1	1965	58.5	14.7	49	9.4	1982
16	66.2	19.0	73.3	22.9	78	25.6	1977*	59.0	15.0	52	11.1	1964
17	66.1	18.9	72.8	22.7	79	26.1	1967	59.3	15.2	53	11.7	1968
18	66.2	19.0	72.7	22.6	77	25.0	1977*	59.7	15.4	52	11.1	1978
19	66.7	19.3	73.6	23.1	82	27.8	1973	59.7	15.4	55	12.8	1981*
20	65.7	18.7	73.1	22.8	78	25.6	1973*	58.4	14.7	49	9.4	1981
21	65.7	18.7	73.3	22.9	85	29.4	1972	58.0	14.4	49	9.4	1981
22	65.7	18.7	73.4	23.0	97	36.1	1972	57.9	14.4	50	10.0	1981*
23	65.4	18.6	73.5	23.1	81	27.2	1968	57.2	14.0	51	10.6	1968
24	65.0	18.3	73.2	22.9	77	25.0	1979	56.8	13.8	49	9.4	1981
25	65.5	18.6	73.4	23.0	81	27.2	1981	57.7	14.3	50	10.0	1968
26	65.8	18.8	73.6	23.1	82	27.8	1981	58.0	14.4	53	11.7	1970*
27	65.7	18.7	73.4	23.0	81	27.2	1981	58.0	14.4	53	11.7	1968
28	65.9	18.8	73.1	22.8	77	25.0	1978*	58.6	14.8	52	11.1	1968
29	66.0	18.9	73.1	22.8	81	27.2	1972	59.0	15.0	53	11.7	1980*
30	65.5	18.6	72.3	22.4	81	27.2	1976	58.7	14.8	49	9.4	1970
31	64.7	18.2	71.9	22.2	79	26.1	1972	57.5	14.2	49	9.4	1970*
Monthly	65.9	18.8	73.1	22.8	97	36.1	1972	58.8	14.9	49	9.4	1982*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	SEPTEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	65.2	18.4	72.4	22.4	81	27.2	1967	58.0	14.4	48	8.9	1970
2	65.5	18.6	73.0	22.8	83	28.3	1982	58.0	14.4	50	10.0	1970
3	66.0	18.9	72.8	22.7	77	25.0	1976*	59.2	15.1	51	10.6	1970
4	66.4	19.1	72.9	22.7	92	33.3	1961	59.9	15.5	54	12.2	1970
5	65.5	18.6	72.5	22.5	82	27.9	1972	58.6	14.8	49	9.4	1962
6	65.8	18.8	73.0	22.8	79	25.6	1976*	58.6	14.8	51	10.6	1960
7	65.2	18.4	72.1	22.3	78	25.6	1977	58.3	14.6	52	11.1	1964
8	65.8	18.8	73.4	23.0	81	27.2	1979	58.2	14.6	49	9.4	1964
9	65.6	18.7	73.0	22.8	86	30.0	1979	58.2	14.6	51	10.6	1964
10	66.0	18.9	72.9	22.7	80	26.7	1979*	59.2	15.1	51	10.6	1961
11	65.8	18.8	72.6	22.6	87	30.6	1963	59.0	15.0	51	10.6	1968
12	65.8	18.8	72.7	22.6	87	30.6	1963	58.8	14.9	52	11.1	1968
13	65.7	18.7	72.3	22.4	81	27.2	1979	59.1	15.1	48	8.9	1966
14	64.9	18.3	72.5	22.5	82	27.8	1979	57.3	14.1	47	8.3	1966
15	64.9	18.3	72.5	22.5	90	32.2	1979	57.4	14.1	48	8.9	1966
16	65.8	18.8	73.0	22.8	90	32.2	1979	58.5	14.7	52	11.1	1970
17	65.5	18.6	72.7	22.6	86	30.0	1979	58.3	14.6	52	11.1	1970
18	65.0	18.3	72.2	22.3	82	27.8	1979	57.8	14.3	51	10.6	1978
19	65.1	18.4	72.6	22.6	86	30.0	1978	57.5	14.2	50	10.0	1973
20	64.7	18.2	72.8	22.7	89	31.7	1978	56.5	13.6	49	9.4	1968
21	65.0	18.3	73.7	23.2	89	31.7	1978	56.2	13.4	48	8.9	1968
22	65.3	18.5	75.9	24.1	90	32.2	1968	55.3	12.9	44	6.7	1968
23	66.4	19.1	76.5	24.7	96	35.6	1968	56.3	13.5	52	11.1	1973*
24	66.6	19.2	75.3	24.1	98	36.7	1975	57.9	14.4	51	10.6	1960
25	66.3	19.1	74.7	23.7	92	33.3	1978	57.8	14.3	50	10.0	1981
26	66.7	19.3	75.0	23.9	100	37.8	1973	58.4	14.7	48	8.9	1971
27	66.5	19.2	73.8	23.2	97	36.1	1963	59.1	15.1	51	10.6	1971
28	65.1	18.4	73.4	23.0	97	36.1	1963	56.7	13.7	47	8.3	1980
29	65.4	18.6	73.3	22.9	90	32.2	1970	57.6	14.2	47	8.3	1971
30	65.4	18.6	74.1	23.4	97	36.1	1965	57.5	14.2	50	10.0	1961
31												
Monthly	65.6	18.7	73.3	22.9	100	37.8	1973	58.0	14.4	44	6.7	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	OCTOBER

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	64.9	18.3	72.9	22.7	89	31.7	1965	56.8	13.8	43	6.1	1971
2	63.7	17.6	71.3	21.8	79	26.1	1982	56.1	13.4	46	7.8	1971
3	64.2	17.9	71.6	22.0	78	25.6	1979	56.9	13.8	47	8.3	1971*
4	64.5	18.1	72.5	22.5	98	36.7	1971	56.4	13.6	46	7.8	1965
5	64.3	17.9	73.1	22.8	101	38.3	1971	55.5	13.1	48	8.9	1981*
6	65.7	18.7	74.9	23.8	104	40.0	1971	56.6	13.7	48	8.9	1965
7	64.0	17.8	71.8	22.1	85	29.4	1967	56.1	13.4	48	8.9	1982
8	63.3	17.4	72.9	22.7	91	32.8	1976	53.8	12.1	46	7.8	1982*
9	62.9	17.2	71.8	22.1	90	32.2	1982*	54.0	12.2	49	9.4	1981*
10	62.6	17.1	72.0	22.2	87	30.6	1982	53.7	12.1	49	9.4	1975*
11	62.6	17.0	71.3	21.8	87	30.6	1982	53.9	12.2	45	7.2	1960
12	61.6	16.4	70.4	21.3	79	26.1	1974	52.8	11.6	45	7.2	1981*
13	62.0	16.7	71.0	21.7	94	34.4	1961	53.1	11.7	43	6.1	1981
14	63.5	17.5	72.2	22.3	100	37.8	1961	54.7	12.6	40	4.4	1981
15	64.0	17.8	73.7	23.2	99	36.7	1961	54.3	12.4	42	5.6	1981
16	63.0	17.2	73.7	23.2	91	32.8	1967	52.4	11.3	39	3.9	1981
17	62.7	17.1	73.3	22.9	88	31.1	1968	52.1	11.2	41	5.0	1971*
18	62.4	16.9	72.0	22.2	92	33.3	1981	52.8	11.6	42	5.6	1971
19	61.9	16.6	72.6	22.6	94	34.4	1981	51.2	10.7	43	6.1	1971
20	62.8	17.1	72.0	22.2	93	33.9	1964	53.7	12.1	43	6.1	1971
21	62.2	16.8	71.5	21.9	101	38.3	1965	52.9	11.6	42	5.6	1971
22	61.2	16.2	70.7	21.5	96	35.6	1965	51.7	10.9	43	6.1	1971
23	61.5	16.4	70.8	21.6	94	34.4	1965	52.1	11.2	44	6.7	1981*
24	61.0	16.1	71.0	21.7	91	32.8	1965	51.0	10.6	43	6.1	1979
25	59.8	15.4	69.5	20.8	82	27.9	1965	50.1	10.1	42	5.6	1971
26	59.4	15.2	68.0	20.0	84	28.9	1976	50.7	10.4	44	6.7	1975*
27	60.8	16.0	70.6	21.4	92	33.9	1973	51.0	10.6	45	7.2	1960
28	61.7	16.5	71.4	21.9	92	33.3	1970	51.9	11.1	46	7.8	1979*
29	60.6	15.9	70.9	21.6	89	31.7	1969	50.3	10.2	38	3.3	1971
30	60.8	16.0	72.2	22.3	95	35.0	1973	49.4	9.7	33	.6	1971
31	61.5	16.3	73.1	22.8	93	33.9	1967	49.4	9.7	37	2.8	1971
Monthly	62.5	16.9	71.8	22.1	104	40.0	1971	53.2	11.8	33	.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1943-1962	NOVEMBER

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	59.6	15.9	71.7	22.1	95	36.7	1966	49.5	9.7	42	5.6	1979
2	60.0	15.6	70.8	21.6	83	28.3	1981*	49.1	9.5	41	5.0	1979*
3	59.1	15.1	69.1	20.6	88	31.1	1964	49.2	9.6	40	4.4	1979
4	59.4	15.2	68.6	20.3	94	34.4	1976	50.2	10.1	40	4.4	1974
5	59.3	15.2	67.5	19.7	84	28.9	1976	51.1	10.6	40	4.4	1974
6	59.2	15.1	67.8	19.9	88	31.1	1961	50.5	10.3	43	6.1	1972*
7	58.7	14.8	67.4	19.7	85	29.4	1961	50.0	10.0	44	6.7	1979
8	58.3	14.6	67.5	19.7	83	28.3	1968	49.0	9.4	40	4.4	1974
9	58.4	14.7	68.8	20.4	80	26.7	1977	48.0	8.9	42	5.6	1975*
10	58.4	14.7	67.8	19.9	82	27.8	1977	49.0	9.4	43	6.1	1971
11	58.8	14.8	67.6	19.8	84	28.9	1974	49.5	9.7	41	5.0	1978
12	59.1	15.1	67.9	19.9	83	28.3	1975	50.3	10.2	38	3.3	1978
13	58.8	14.8	68.3	20.2	86	30.0	1975	49.0	9.4	42	5.6	1971
14	58.5	14.7	67.8	19.4	82	27.8	1970	50.0	10.0	41	5.0	1971
15	57.5	14.2	67.3	19.9	81	27.2	1970	47.1	8.4	39	3.9	1964
16	57.8	14.3	67.7	19.8	87	30.6	1976	47.8	8.8	39	3.9	1975*
17	58.1	14.5	68.1	20.1	87	30.5	1976	48.0	8.9	40	4.4	1979*
18	56.4	13.8	67.2	19.6	77	25.0	1980	46.4	8.0	36	2.2	1964
19	57.2	14.0	67.6	19.8	77	25.0	1981*	46.9	8.3	35	1.7	1980
20	57.5	14.1	67.6	19.8	83	28.9	1963	47.0	8.3	38	3.3	1979*
21	55.4	13.0	65.7	18.7	78	25.6	1980	45.1	7.3	37	2.8	1979*
22	54.6	12.7	64.4	18.0	73	23.3	1975	45.1	7.3	36	2.2	1979
23	56.6	13.8	67.4	19.7	85	29.4	1975	46.4	8.0	37	2.8	1971
24	58.1	14.5	69.0	20.6	87	30.6	1975	47.2	8.4	38	3.3	1971
25	56.5	13.6	67.6	19.8	88	31.1	1977	45.5	7.5	39	3.9	1974*
26	57.3	13.9	67.8	19.9	83	28.3	1969	46.3	7.9	35	1.7	1974
27	56.0	13.3	66.5	19.2	83	28.3	1969	45.4	7.4	36	2.2	1974
28	58.3	14.6	68.1	20.1	87	30.6	1977	48.5	9.2	37	2.8	1968
29	59.1	15.1	69.7	20.9	88	31.1	1977	48.5	9.2	40	4.4	1981
30	57.0	13.9	68.0	20.0	85	29.4	1964	45.9	7.7	36	2.2	1974
31												
Monthly	58.0	14.4	67.9	19.9	9[illegible]	36.7	1966	48.0	8.9	35	1.7	1980*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	POINT MUGU, CALIFORNIA	1960-1982	DECEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	56.6	13.7	67.0	19.4	83	28.3	1979	46.2	7.9	39	3.9	1974
2	55.4	13.0	65.9	18.8	80	26.7	1960	45.0	7.2	36	2.2	1982*
3	55.1	12.8	65.7	18.7	80	26.7	1960	44.4	6.9	37	2.8	1971
4	55.1	12.8	65.9	18.8	82	27.8	1979*	44.4	6.9	38	3.3	1982*
5	55.5	13.1	66.6	19.2	86	30.0	1979	44.4	6.9	35	1.7	1972*
6	54.7	12.6	65.2	18.4	83	28.3	1979	44.2	6.8	33	.6	1978
7	54.3	12.4	65.2	18.4	76	24.4	1973	43.3	6.3	29	-1.7	1978
8	54.6	12.6	65.1	18.4	87	30.6	1975	44.2	6.8	35	1.7	1971*
9	53.7	12.1	63.8	17.7	86	30.0	1973	43.5	6.4	28	-2.2	1971
10	53.6	12.0	63.8	17.7	79	26.1	1973	43.4	6.3	27	-2.8	1972
11	55.2	12.9	64.4	18.0	82	27.8	1980	46.0	7.8	33	.6	1971
12	54.0	12.2	64.3	17.9	79	26.1	1966	43.6	6.4	30	-1.1	1971
13	53.2	11.8	63.5	17.5	75	23.9	1978	43.0	6.1	35	1.7	1972
14	52.4	11.3	63.7	17.6	81	27.2	1980	41.0	5.0	34	1.1	1971
15	55.5	13.1	65.9	18.8	87	30.6	1980	45.0	7.2	38	3.3	1978*
16	55.1	12.8	65.5	18.6	87	30.6	1980	44.8	7.1	33	.6	1979
17	55.2	12.9	64.7	18.2	76	24.4	1980	45.6	7.6	39	3.9	1968
18	53.4	11.9	63.0	17.2	75	23.9	1973*	43.8	6.6	33	.6	1975
19	53.1	11.7	62.0	16.7	74	23.3	1973	44.1	6.7	35	1.7	1968
20	53.9	12.2	63.3	17.4	7	25.6	1960	44.5	6.9	33	.6	1968
21	54.2	12.3	63.0	17.2	78	25.6	1960	45.5	7.5	29	-1.7	1968
22	54.6	12.6	63.7	17.6	79	26.1	1960	45.4	7.4	35	1.7	1968
23	54.9	12.7	64.6	18.2	79	26.1	1961	45.0	7.2	32	.0	1974
24	54.8	12.7	64.4	18.0	79	26.1	1967	45.2	7.3	36	2.2	1976*
25	53.5	12.1	63.2	17.3	82	27.8	1967	44.5	6.9	35	1.7	1981
26	52.8	11.6	62.1	16.7	80	26.7	1972	43.5	6.4	33	.6	1974
27	52.0	11.1	61.9	16.6	74	23.3	1972	42.0	5.6	34	1.1	1969
28	52.3	11.3	61.8	16.6	83	28.3	1963	42.8	6.0	31	-.6	1969
29	53.7	12.1	64.7	18.2	87	30.6	1980	42.6	5.9	35	1.7	1974*
30	53.4	12.1	63.5	17.5	85	29.4	1980	44.0	6.7	30	-1.1	1969
31	53.5	11.9	63.3	17.4	82	26.7	1963	43.7	6.5	29	-1.7	1969
Monthly	54.2	12.3	64.2	17.9	87	30.6	1980*	44.2	6.8	27	-2.8	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | POINT MUGU, CALIFORNIA STATION NAME | 60-82 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]0	74	71	80	86	77	76	88	73	81	60	77	79	88
[illegible]1	83	79	79	75	67	72	74	78	92	100	88	79	100
[illegible]2	68	65	67	89	72	69	69	76	73	86	75	82	89
[illegible]3	77	83	79	74	71	74	76	79	97	88	81	83	97
[illegible]4	78	92	85	85	67	69	75	81	92	93	88	75	93
[illegible]5	88	80	73	88	70	70	80	85	97	101	72	77	101
[illegible]6	82	79	81	99	69	75	74	77	83	85	98	79	99
67	82	81	75	63	94	72	82	90	81	95	80	82	95
[illegible]8	83	83	74	89	75	72	79	81	96	88	84	78	96
[illegible]9	84	74	84	80	73	78	81	79	79	91	83	81	91
70	70	71	82	81	96	86	74	75	94	92	82	76	96
71	82	89	76	88	78	73	76	86	80	104	86	71	104
72	78	77	81	70	75	74	81	97	82	98	79	80	98
73	76	79	68	86	82	89	76	82	100	95	74	86	100
74	76	82	69	79	74	73	78	75	77	88	84	72	93
75	86	67	66	65	68	73	75	84	96	84	87	87	96
76	90	81	78	74	72	88	78	81	80	91	84	84	94
77	93	80	76	74	70	74	87	76	78	81	88	77	89
78	74	78	86	70	89		79	79	96	93	74	76	
79	67	69	84	75	95	97	76	77	90	78	80	86	97
[illegible]	78	78	74	83	67	90	80	78	82	90	83	87	90
[illegible]1	82	86	78	97	74	100	80	82	79	94	89	72	100
[illegible]2													
MEAN	80.2	77.9	76.8	80.5	76.1	78.1	77.9	79.8	86.7	90.7	83.0	79.5	95.5
S.D.	[illegible].77	6.102	6.039	9.551	9.255	9.380	4.407	4.817	8.448	6.813	6.568	6.818	4.810
TOTAL OBS.	682	622	682	660	682	630	682	682	660	692	660	682	8006

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | POINT MUGU, CALIFORNIA STATION NAME | AC-57 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
7						77 77							MAX TEMP DAY
2	69 11	72 14	69 20	62 5	70 25	70 11	73 14	81 23	83 5	90 22	76 14	69 11	MAX TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible], CALIFORNIA | [illegible]
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	33	35	42	41	41	[illegible]	50	49	51	45	[illegible]	34	[illegible]
1	35	40	36	41	43	49	[illegible]	54	[illegible]	43	42	[illegible]	[illegible]
[illegible]	36	34	35	42	43	48	52	52	49	46	[illegible]	32	[illegible]
[illegible]	33	43	38	39	46	51	[illegible]	51	55	49	43	[illegible]	[illegible]
4	35	34	35	40	45	50	49	52	49	50	[illegible]	38	34
[illegible]	40	34	38	41	45	49	51	56	51	41	43	37	34
[illegible]6	34	[illegible]	34	44	47	49	49	52	47	43	4[illegible]	[illegible]	[illegible]
57	37	38	36	38	42	46	[illegible]	[illegible]	57	47	42	35	[illegible]
[illegible]	34	44	36	37	41	44	49	[illegible]	44	45	[illegible]	29	[illegible]
[illegible]	36	38	40	43	47	49	53	55	54	46	4[illegible]	29	[illegible]
[illegible]	[illegible]	42	45	40	47	47	50	49	48	44	[illegible]	37	[illegible]
[illegible]1	31	27	33	38	44	42	52	[illegible]	47	33	37	[illegible]	[illegible]
[illegible]	34	[illegible]	36	39	42	[illegible]	52	53	52	40	[illegible]	27	[illegible]
[illegible]	33	45	[illegible]	43	46	[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	33
[illegible]	[illegible]	36	[illegible]	44	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	36	42	[illegible]	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	43	44		48	[illegible]	51	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	36	[illegible]	[illegible]	[illegible]	47	[illegible]	51	41	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	POINT MUGU, CALIFORNIA	60-82

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
7[illegible]						[illegible] 2[illegible]							MIN TEMP DAYS
[illegible]2	34 11	36 14	35 20	36 5	42 25	50 11	49 14	49 23	51 5	46 22	42 14	36 11	MIN TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
															•			1	1		
															•			1	1		
														•	•			1	1		
												•		•	•			2	2		
											•	•	•					1	1		
							•		•	•	•	•	•					4	4		
						•	•	•	•	•	•	•	•					4	4		
				•	•	•	•	•	•	•	•	•						4	4		
		•	•	•	•	•	•	•	•	•	•	•						112	112	1	
	•	•	•	•	•	•	•	•	•	•	•							1	1		
	•	•	•	•	•	•	•	•	•	•	•							239	239	6	1
	•	•	•	•	•	•	•	•	•	•								2	2	1	
	•	•	•	•	•	•	•	•	•	•								237	237	234	234
	•	•	•	•	•	•	•	•	•	•								2	2	2	1
	•	•	•	•	•	•	•	•	•									3	3	2	2
	•	•	•	•	•	•	•	•	•									1	1	3	3
	•	•	•	•	•	•	•	•										1	1	2	1
	•	•	•	•	•	•	•	•										1	1	1	1
	•	•	•	•	•	•	•											76	76	115	145
	•	•	•	•	•	•												5	5	115	137
	•	•	•	•	•													4	4	1	1
	•	•	•	•	•													21	21	22	1
		•	•	•														5	5		1
		•	•															4	4	1	4
																				1	
																					3

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	JAN

PAGE [illegible]
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
																					[illegible]
																					[illegible]
[illegible]																					[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.4	1.6	1.4	.8	.7	.3			248	[illegible]	[illegible]	[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible].2	[illegible].6	[illegible].[illegible]	[illegible].4		[illegible].6
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible].6
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.2	[illegible].[illegible]					[illegible].4

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PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]										.[illegible]				.[illegible]				[illegible]	2		
[illegible]										.1	.[illegible]	.1	.0	.1				8	[illegible]		
[illegible]								.		.1	.[illegible]	.2		.1				13	13		
[illegible]							.1	.1	.[illegible]	.1	.1	.2	.1					17	17		
[illegible]					.	.1	.1	.2	.3	.1	.1	.0	.1					31	31		
[illegible]					.[illegible]	.2	.[illegible]	.1	.2	.2	.2	.3						32	32		
[illegible]				.1	.2	.1	.3	.1	.2	.1	.2	.3						38	38		
[illegible]			.	.[illegible]	.[illegible]	.[illegible]	.4	.2	.4	.3	.2	.1						74	74		
[illegible]			.[illegible]	1.[illegible]	.7	.6	.3	.[illegible]	.5	.1	.1							106	106	4	
[illegible]		.[illegible]	1.[illegible]	2.[illegible]	1.4	.7	.4	.1	.2	.4	.[illegible]							178	178	26	
[illegible]		1.6	2.[illegible]	1.9	.4	.7	.2	.4	.2	.3								196	199	75	[illegible]
[illegible]	.[illegible]	[illegible].4	3.[illegible]	2.5	.7	.4	.4	.2		.1								263	263	1[illegible]2	6[illegible]
[illegible]	.[illegible]	[illegible]	3.4	1.[illegible]	.7	.[illegible]	.3	.2										241	241	27[illegible]	13[illegible]
[illegible]	.6	[illegible]	[illegible]	1.[illegible]	.5	.[illegible]	.1	.[illegible]	.1									217	217	296	[illegible]
[illegible]	.[illegible]	[illegible]	[illegible].7	.[illegible]	.[illegible]	.1		.1	.1									199	199	2[illegible]4	232
[illegible]	.[illegible]	[illegible]	[illegible]	.[illegible]	.[illegible]	.[illegible]	.2	.1										182	182	2[illegible]7	27[illegible]
[illegible]	.[illegible]	.[illegible]	1.[illegible]	.7	.[illegible]	.[illegible]	.[illegible]											127	127	2[illegible]	2[illegible]
[illegible]	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.1												126	126	189	18[illegible]
[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.	.												[illegible]5	[illegible]	156	16[illegible]
[illegible]	.[illegible]	1.3	1.[illegible]	.[illegible]	.[illegible]													7[illegible]	75	1[illegible]	1[illegible]8
[illegible]	.	.	.	.														[illegible]1	31	7[illegible]	11[illegible]
[illegible]		.[illegible]	.[illegible]	.														17	17	[illegible]	27
[illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	71
[illegible]																					7[illegible]
[illegible]																					[illegible]
																					51
[illegible]																					25
[illegible]																					1[illegible]
[illegible]																					2[illegible]
[illegible]																					13
[illegible]																					11
[illegible]																					15
[illegible]																					1[illegible]
[illegible]																					[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	[illegible]

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	1.2	[illegible]	15.6	7.1	[illegible]	3.[illegible]	2.[illegible]	.1	2.	[illegible]	1.2	.3	.[illegible]					[illegible]		[illegible]
																		[illegible]		[illegible]	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	72.[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	11.[illegible]	.[illegible]		672.[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							672.[illegible]
Dew Poin.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					672.[illegible]

(The "≤ 0 F" to "Total" columns appear on the form under the heading "Mean No. of Hours with Temperature".)

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PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]													.[illegible]					1	1		
[illegible]												.[illegible]	.1					[illegible]	7		
[illegible]												.1						[illegible]	[illegible]		
[illegible]							.	.[illegible]		.1	.[illegible]							[illegible]	5		
[illegible]											.[illegible]			.[illegible]				[illegible]	[illegible]		
[illegible]						.	.[illegible]	.[illegible]	.[illegible]		.[illegible]	.[illegible]	.[illegible]					7	7		
[illegible]						.[illegible]	.1				.[illegible]	.[illegible]	.[illegible]					7	7		
[illegible]				.[illegible]	.[illegible]			.[illegible]		.1	.1	.1						1[illegible]	1[illegible]		
[illegible]			.[illegible]	.2	.2	.4	.1	.1	.2	.3	.1	.[illegible]						[illegible]	33		
[illegible]			.[illegible]	.[illegible]	.4	.[illegible]	.3	.1	.2	.2	.1							68	68	[illegible]	
[illegible]		.	.[illegible]	1.[illegible]	1.3	.[illegible]	.3	.2	.1	.[illegible]	.1							130	130	[illegible]	
[illegible]		.[illegible]	1.[illegible]	2.[illegible]	2.6	.[illegible]	.1	.[illegible]	.1	.[illegible]	.1							213	[illegible]13	[illegible]	1
[illegible]		1.4	2.[illegible]	3.1	1.[illegible]	.[illegible]	.[illegible]	.2		.1								271	731	[illegible]	[illegible]
[illegible]		[illegible].[illegible]	[illegible].4	2.[illegible]	2.[illegible]	.7	.2	.[illegible]		.[illegible]								295	295	169	7[illegible]
[illegible]	.1	[illegible].1	4.2	2.3	.9	.[illegible]	.7	.1	.[illegible]									287	787	2[illegible]6	111
[illegible]	.1	[illegible].[illegible]	4.2	2.4	.4	.[illegible]	.1	.[illegible]	.[illegible]									2[illegible]1	[illegible]81	324	1[illegible]1
[illegible]	.[illegible]	[illegible].[illegible]	2.[illegible]	1.2	.4	.[illegible]	.1		.[illegible]									2[illegible]5	205	369	27[illegible]
[illegible]	.[illegible]	[illegible].3	3.4	.[illegible]	.[illegible]	.[illegible]	.1	.[illegible]										202	[illegible]02	315	3[illegible]7
[illegible]	.1	.2	1.3	.[illegible]	.[illegible]	.[illegible]	.1	.1										173	173	27[illegible]	28[illegible]
[illegible]	.1	[illegible].1	1.4	.[illegible]	.2	.1	.[illegible]											13[illegible]	13[illegible]	239	30[illegible]
[illegible]	.1	[illegible].1	1.1	.[illegible]	.1	.[illegible]												[illegible]4	94	142	25[illegible]
[illegible]	.1	1.2	.[illegible]	.[illegible]														5[illegible]	56	11[illegible]	193
[illegible]		.[illegible]	.[illegible]	.[illegible]	.													1[illegible]	1[illegible]	[illegible]	145
[illegible]	.	.[illegible]	.[illegible]															[illegible]	5	[illegible]4	9[illegible]
[illegible]		.	.															[illegible]	2	[illegible]	6[illegible]
[illegible]																				[illegible]	[illegible]
[illegible]																					4[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
2[illegible]																					1[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIF[illegible]	[illegible]	[illegible]

HOURS (L S T): [illegible]

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																.[illegible]		1	1		
[illegible]													.[illegible]					1	1		
[illegible]												.[illegible]		.[illegible]				2	2		
[illegible]													.[illegible]	.[illegible]		.[illegible]		3	[illegible]		
[illegible]									.[illegible]			.1	.0	.1				7	7		
[illegible]								.[illegible]			.[illegible]	.1	.0	.2				[illegible]	1[illegible]		
[illegible]							.[illegible]				.1		.[illegible]	.[illegible]				[illegible]	5		
[illegible]								.[illegible]	.[illegible]	.1	.[illegible]	.1						9	9		
[illegible]					.[illegible]		.[illegible]	.1	.1	.0		.[illegible]						1[illegible]	17		
[illegible]					.[illegible]	.2	.[illegible]	.[illegible]	.0	.1	.1	.1						[illegible]4	34		
[illegible]				.[illegible]	.4	1.[illegible]	.2	.1	.1	.0	.[illegible]	.1						[illegible]	[illegible]		
[illegible]			.[illegible]	1.[illegible]	1.3	.[illegible]	.4	.1	.0	.0								[illegible]	69		
[illegible]		.	.[illegible]	[illegible].[illegible]	2.6	.6	.1	.1	.0	.0	.1							176	176	[illegible]	
[illegible]		.2	1.3	6.2	[illegible].3	.7	.1	.[illegible]										21[illegible]	[illegible]1[illegible]	[illegible]	
[illegible]		.7	[illegible].[illegible]	2.5	1.8	.6	.1		.[illegible]									1[illegible]7	197	1[illegible]	[illegible]
[illegible]		[illegible].2	4.5	[illegible].3	1.1	.[illegible]	.1	.										[illegible]3	[illegible]	2[illegible]	[illegible]7
[illegible]	.	[illegible].[illegible]	.[illegible]	2.6	.[illegible]	.[illegible]	.	.										[illegible]2	[illegible]32	32[illegible]	1[illegible]
[illegible]	.7	.	.[illegible]	1.[illegible]	.[illegible]	.[illegible]		.										[illegible]	[illegible]74	36[illegible]	[illegible]1
[illegible]	.[illegible]	[illegible].2	[illegible].[illegible]	1.	.7	.[illegible]												[illegible]	[illegible]32	412	[illegible]
[illegible]	.[illegible]	[illegible].	[illegible].2	.[illegible]	.[illegible]													[illegible]	[illegible]26	316	[illegible]17
[illegible]	.[illegible]	[illegible].	1.[illegible]	.[illegible]	.1	.												1[illegible]	1[illegible]4	2[illegible]	[illegible]
[illegible]	.[illegible]	.2	.[illegible]	.7	.													[illegible]	79	1[illegible]5	26[illegible]
[illegible]	.[illegible]	[illegible].	.[illegible]	.[illegible]														[illegible]1	[illegible]1	1[illegible]	1[illegible]
[illegible]	.[illegible]	.[illegible]	.[illegible]															[illegible]	[illegible]2	[illegible]	196
[illegible]	.	.[illegible]	.															[illegible]	1[illegible]	2	7[illegible]
[illegible]		.[illegible]																[illegible]	[illegible]	12	[illegible]
[illegible]		.																1	1	1	[illegible]
[illegible]																				1	2[illegible]
[illegible]																					1[illegible]
[illegible]																					1[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

[illegible]	[illegible], CALIFORNIA	[illegible]	APR
STATION	STATION NAME	YEARS	MONTH
			PAGE [illegible]
			HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	11.1	4.3	1.7	1.[illegible]	.4	.4	.[illegible]	.6	.[illegible]	.4		.1		[illegible]	[illegible]	[illegible]	[illegible]

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	74.8	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	56.2	[illegible]	[illegible]			[illegible]	11.4	3.[illegible]		720.[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					720.[illegible]

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PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																	.	1	1		
[illegible]															.[illegible]			1	1		
[illegible]													.[illegible]					1	1		
[illegible]														.[illegible]				1	1		
[illegible]									.[illegible]									1	1		
[illegible]							.[illegible]	.[illegible]		.[illegible]								4	4		
[illegible]							.[illegible]	.1		.1								6	6		
[illegible]					.[illegible]	.1	.1	.1	.0	.1	.[illegible]	.[illegible]						12	12		
[illegible]					.[illegible]	.1	.1	.1										[illegible]	4		
[illegible]					.[illegible]	.1	.1		.0		.[illegible]							1[illegible]	16		
[illegible]			.	.2	.[illegible]	.	.7	.[illegible]										37	37		
[illegible]			.	1.[illegible]	1.	.[illegible]												72	72	[illegible]	
[illegible]			.[illegible]	[illegible].	[illegible].	.[illegible]	.1											101	101	[illegible]	
[illegible]		.[illegible]	.	[illegible].4	[illegible].[illegible]	.7	.1											267	267	[illegible]	1
[illegible]		[illegible].	[illegible].	[illegible].[illegible]	1.[illegible]	.4	.											28[illegible]	[illegible]	1[illegible]4	[illegible]
[illegible]	.1	[illegible].	6.	[illegible].[illegible]	.[illegible]	.[illegible]												352	352	243	5[illegible]
[illegible]	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]	.												419	419	463	179
[illegible]	.6	[illegible].[illegible]	[illegible].[illegible]	.[illegible]	.[illegible]													306	306	556	365
[illegible]	.7	.[illegible]	[illegible].[illegible]	.[illegible]	.1													235	235	424	529
[illegible]	.4	[illegible].[illegible]	1.[illegible]	.[illegible]														133	133	272	5[illegible]
[illegible]	.1	[illegible].[illegible]	.	.[illegible]														[illegible]3	[illegible]3	186	316
[illegible]	.	1.[illegible]	.[illegible]															41	41	[illegible]	2[illegible]
[illegible]	.[illegible]	.	.															20	20	[illegible]	119
[illegible]	.1	.2																1[illegible]	10	21	87
[illegible]	.	.																2	2	5	49
[illegible]	.[illegible]																	2	2	[illegible]	23
[illegible]	.																	1	1	1	4
[illegible]																					4
[illegible]																					1
[illegible]																					[illegible]
[illegible]	.	[illegible]	[illegible]	[illegible]	1[illegible].[illegible]	[illegible].[illegible]	.[illegible]	.[illegible]	.1	.2	.1	.0	.[illegible]	.0	.0		.	24[illegible]0	248[illegible]	248[illegible]	248[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1[illegible]997	19[illegible]012	78.6	12.141	248[illegible]	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb	[illegible]3[illegible]41[illegible]	145635	58.7	5.61[illegible]	248[illegible]			47.7	10.5	2.1	.3	744.0
Wet Bulb	[illegible]477[illegible]56	13[illegible]81[illegible]	[illegible].8	4.[illegible]	248[illegible]			1.5				744.0
Dew Point	[illegible]63[illegible]7[illegible]	12[illegible]128	[illegible]1.7	4.[illegible]2[illegible]	248[illegible]		.6					744.0

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																	[illegible]	[illegible]	[illegible]		
																	[illegible]	[illegible]	[illegible]		
[illegible]																		[illegible]	[illegible]		
[illegible]											[illegible]	[illegible]		[illegible]				[illegible]	[illegible]		
									[illegible]	[illegible]	[illegible]		[illegible]		[illegible]			7	7		
								[illegible]	[illegible]	[illegible]	[illegible]				[illegible]				8		
[illegible]						[illegible]	[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	7		
[illegible]					[illegible]		[illegible]	[illegible]		[illegible]			[illegible]					[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]				[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]								[illegible]	16		
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]	
[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]		
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]									[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]										[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]															167	167	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]												[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]															[illegible]	[illegible]	113	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]															[illegible]	41	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]																	[illegible]	[illegible]		[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
																		2391		2391	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum												
Dry Bulb								14°.5	31.9	10.8	.9	720.
Wet Bulb								17.3	.7			720.
Dew Point							1.5	2.7				720.

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PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					
[illegible]																		[illegible]	[illegible]		
[illegible]																		[illegible]	14		
[illegible]																		[illegible]	[illegible]		
[illegible]																		[illegible]	[illegible]		
[illegible]																		[illegible]	[illegible]		
[illegible]																		[illegible]	[illegible]		
[illegible]																		[illegible]	[illegible]		[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																		151	151	46	[illegible]
[illegible]																		231	231	[illegible]	[illegible]
[illegible]																		132	132	[illegible]	[illegible]
[illegible]																		71	71	[illegible]	[illegible]
[illegible]																		[illegible]	38	[illegible]	[illegible]
[illegible]																		13	13	26	[illegible]
[illegible]																		[illegible]	[illegible]		[illegible]
[illegible]																		1	1	[illegible]	[illegible]
[illegible]																					[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]								[illegible]	[illegible]	[illegible]	[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]				[illegible]

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
	1.	7..	.	1..	1..	..	1.7	..	..	.3	.1	.1	..	.1	..	.1	.1	23..	2..	2...	2..

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1 ..	1..	7..	1..1	2..							
Dry Bulb	2 ..	1..	..7	5..1	2..			2..4	7..2	1..7	.9	7..0
Wet Bulb	..	1..	1..3	7..8	2..			5..6	.3			7..0
Dew Point	..	1..	7..3	4..3	2..		.3	7..2				7..0

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | 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
																1	•	1	1		
																• 1	•	2	3		
8													•		•	•	•	2	2		
										•	•	•		• 1	• 3	•		11	11		
															•			6	6		
										•	• 1	•	• 2	• 2	• 1			13	13		
							•	• 1		• 1	•	• 2	• 2	• 1	•			16	16		
7 77						•	• 1	•	•	• 1	•		• 1	•				18	18		
75					•	•	• 1	• 1	• 1	•	•	• 1	• 2					23	23		
				•	•	•	• 4	•	• 1	• 1	•	• 1	• 1					69	69		
			•	1 •	1 •	•	• 2		•	•	• 1	• 1						122	122		
			•	1 •	1 •	•	• 7	• 1	•	• 1	• 2	•						149	149	1	
		•	•	3 • 1	2 •	•	• 6	• 1	•	•	•	• 1						228	228	77	
		• 1	• 1	2 •	2 • 4	•	• 2	• 1		• 3	• 1							236	236	95	9
	• 1	•	1 •	2 •	1 • 1	• 1	•		• 1	• 1								278	229	69	
	• 2	1 • 4	3 •	2 • 1	•	• 1	• 1	• 1		• 1								313	313	343	154
	•	• 3	2 • 2	•	•	•	• 1	• 2	• 1									256	256	356	327
	• 1	2 •	2 •	• 3	• 4	•	• 2	•	• 1									202	202	351	336
	• 1	1 •	1 • 3	• 3	•	•	• 1	•										101	101	284	34
		• 3	1 • 7	• 1	• 1	• 1	• 1											137	137	197	316
	• 1	• 1	1 • 2	• 2	•	• 2	• 1											113	113	164	267
	• 1	1 • 1	•	• 2	• 1													57	57	170	154
7	•	• 2	• 4	• 2	• 2													37	37	95	116
4		• 4	• 1	• 1	•													20	20	64	69
		•	•															9	9	61	54
																				14	7
																				11	34
																					2
																					1
																					1
																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					11
[illegible]																					11
[illegible]																					11
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]	[illegible]	[illegible]	26.2	17.0	11.[illegible]	[illegible]	2.4	1.1	.6	.9	1.7	.8	.5	.4	.6	.2	.1		2472		247[illegible]
																		247[illegible]		247[illegible]	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	14[illegible]751	184[illegible]9	74.3	18.13[illegible]	[illegible]47							
Dry Bulb	[illegible]71966[illegible]	154141	[illegible]2.2	7.28[illegible]	247[illegible]			195.8	48.9	14.1	.3	744.0
Wet Bulb	[illegible]108[illegible]21	141[illegible]93	[illegible]6.9	5.511	247[illegible]			9.9				744.0
Dew Point	7[illegible]29984	13[illegible]370	[illegible]2.6	[illegible].[illegible]1	247		29.4					744.0

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PSYCHROMETRIC SUMMARY

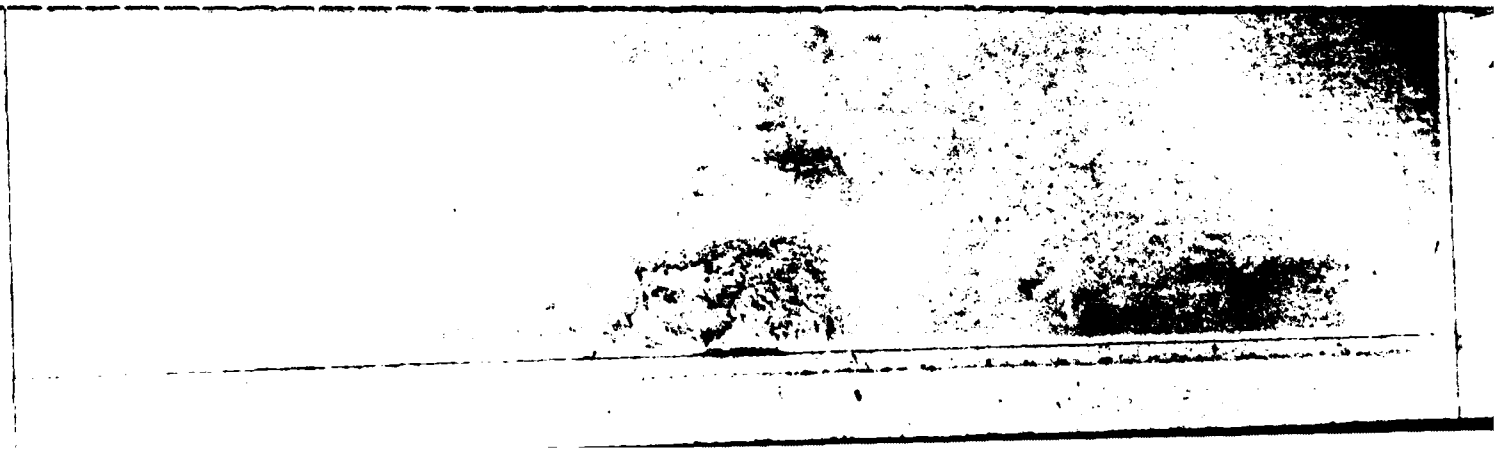
STATION | STATION NAME | YEARS | MONTH: NOV

HOURS (L S T): [illegible] 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]																		1	1		
															• 1			2	2		
											•				• 1	•		4	4		
													•	•	• 1			4	4		
											•	• 1		•	• 2			5	5		
									• 1	• 2	•	• 1		•	•			15	15		
								•	• 1	• 1	•		• 3	•				19	19		
							• 1	• 1	• 1	• 2	•	• 2	• 4	•				37	37		
						•	•	•	• 1	•	•	• 3	• 2					36	36		
			•	•	•	•	•	•	• 3	• 2	•	• 2	• 2					68	68		
			•		•	•	•	•	• 4	• 2	•	•						71	71		
			• 1	•	•	•	•	•	•	• 2	•	• 2						85	89	1	1
		•	•	•	•	•	•	•	• 2	• 3	•							136	136	11	
		•	•	• 2	•	•	•	•	• 4	• 4	•							146	146	7	8
	•	•	•	• 2	•	•	•	•	• 2	•	•							191	191	56	5
	•	•	•	•	•	•	•	•	• 1	• 3								217	217	179	40
	•	•	•	•	•		•	•	•	• 3								222	282	243	69
	•	•	•	•	•		•	•	• 1	• 2								224	204	245	139
	• 1	•	•	•	•		•	• 1		• 1								191	161	264	207
	•	•	•	•	•		•		• 2									165	165	273	259
		•	•	•	•		•	•										132	132	216	207
	• 1	•	•		•		• 1											142	142	214	194
		•	•	•	•	•												106	106	256	169
	•	•	•	•	•	•												97	97	171	179
	• 1	•	•	•	•													44	44	115	169
		•	•	•														16	16	84	134
		• 1	• 1	• 1														9	9	59	133
	•	•																2	2	17	91
																				6	71
																				5	47
																					45
																					47
																					81
																					31

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			10[illegible].0	3[illegible].7	9.3		720.0
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		.9	.3				720.0
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		110.4	.3				720.0

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)
[illegible]11	[illegible], CALIFORNIA	73-[illegible]	DEC	PAGE 1

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]														.[illegible]	.[illegible]			2	2		
[illegible]														.[illegible]	.1			3	7		
[illegible]													.[illegible]	.[illegible]				[illegible]	2		
[illegible]													.[illegible]	.1	.[illegible]			4	4		
[illegible]													.1	.1				6	6		
[illegible]												.	.1	.1				6	6		
[illegible]										.[illegible]	.1	.3	.2					11	11		
[illegible]							.[illegible]	.[illegible]	.1	.0	.[illegible]	.2	.2					26	26		
[illegible]						.	.[illegible]	.1	.[illegible]	.1	.1	.4						21	21		
[illegible]						.	.2	.[illegible]	.2	.2	.5	.[illegible]	.0					47	47		
[illegible]				.1	.1	.[illegible]	.2	.3	.3	.2	.5	.2						54	56		
[illegible]			.	.5	.4	.[illegible]	.8	.[illegible]	.4	.3	.6	.1						107	107		
[illegible]		.1	.[illegible]	1.4	.9	.4	.5	.7	.2	.6	.4	.0						130	130		
[illegible]		.5	.[illegible]	1.4	1.1	.[illegible]	.6	.3	.7	.4	.[illegible]							170	170	24	1
[illegible]		.[illegible]	1.7	2.1	1.1	.8	.5	.1	.9	.3								202	202	54	17
[illegible]		1.[illegible]	2.2	1.7	.9	.8	.2	.7	.4	.1								195	196	139	35
[illegible]	.1	2.[illegible]	2.3	1.[illegible]	.8	.7	.3	.3	.2	.1								228	229	185	74
[illegible]	.2	[illegible].3	2.4	1.3	.4	.4	.7	.5	.2									209	213	263	139
[illegible]	.[illegible]	2.6	1.7	.3	.8	.4	.4	.4	.1									174	176	295	167
[illegible]	.[illegible]	1.3	2.3	.[illegible]	.5	.7	.4	.2										170	171	281	262
[illegible]	.1	2.[illegible]	1.[illegible]	1.2	.[illegible]	.5	.2	.1										151	151	217	213
[illegible]	.[illegible]	.7	1.6	.9	.6	.[illegible]	.2	.										155	158	239	17[illegible]
[illegible]	.4	2.1	1.9	1.1	.4	.1	.1	.										133	134	214	19[illegible]
[illegible]	.[illegible]	1.5	1.3	.4	.2	.1												91	91	173	174
[illegible]	.1	1.5	1.1	.4	.2	.[illegible]												79	79	142	144
[illegible]	.1	.[illegible]	.7	.2	.1	.												38	39	172	121
[illegible]		.	.1	.7	.1													15	15	[illegible]	133
[illegible]		.	.	.1														4	4	[illegible]	94
[illegible]																				16	8[illegible]
[illegible]			.															1	1	1[illegible]	73
[illegible]																				3	6[illegible]
[illegible] 25																				1	6[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
																		2464			
																			2477	2464	2464

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	11 [illegible]	15[illegible]218	[illegible]6	[illegible]	2464							
Dry Bulb	7479857	134377	[illegible]2	[illegible]	2477		.3	54.7	18.0	3.9		744.0
Wet Bulb	[illegible]	117579	47.7	[illegible]	2464		2.1					744.0
Dew Point	[illegible]275351	9[illegible]855	40.1	[illegible]	2464		173.0					744.0

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PSYCHROMETRIC SUMMARY

[illegible]	[illegible], CALIFORNIA	[illegible]	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																	.	2	2		
[illegible]																	.	1	1		
[illegible]																	.	1	1		
[illegible]														.			.	4	4		
[illegible]													.	.		.	.	7	7		
[illegible]												.		.	.	.	.	11	11		
[illegible]										.	.	.	.0	.0	.0	.		17	17		
[illegible]								.	.0	.0	.		.	.	.1	.		[illegible]	38		
[illegible]							.	.	.0	.0	.	.	.0	.0	.0			37	37		
[illegible]						.	.	.	.0	.0	.	.	.0	.	.	.		62	62		
[illegible]					.0	.	.	.	.0	.0	.0	.	.0	.1	.0			56	56		
[illegible]				.	.	.1	.1	.	.0	.0	.	.	.1	.1				137	137		
[illegible]			.	.	.	.	.1	.	.0	.1	.1	.	.1	.0				276	276		
[illegible]			.	.	.	.	.1	.1	.0	.0	.1	.1	.1					598	598		
[illegible]		.	.	1.	1.	.	.1	.1	.1	.1	.1	.1	.0					1013	1013	1[illegible]	[illegible]
[illegible]	.	.	.	1.	1.2	.0	.2	.1	.1	.1	.1	.1	.					12[illegible]	1285	11[illegible]	1[illegible]
[illegible]	.	.	1.3	1.6	1.1	.8	.2	.1	.1	.1	.2	.1						1557	1557	387	[illegible]4
[illegible]	.	.	2.	1.	.9	.	.2	.1	.1	.1	.2	.						1999	1999	974	1[illegible]
[illegible]	.1	2.1	2.	2.7	1.0	.4	.2	.1	.1	.2	.1	.						274[illegible]	2749	1789	467
[illegible]	.1	3.4	4.7	7.3	1.1	.8	.2	.1	.1	.1	.1							3127	3128	2350	14[illegible]
[illegible]	.	4.0	5.2	1.3	.7	.	.2	.1	.2	.1	.							3071	3072	3025	2317
[illegible]	.	2.5	4.	1.2	.6	.	.2	.1	.1	.1								2709	2850	3495	299[illegible]
[illegible]	.	2.4	2.5	1.	.4	.	.2	.1	.0	.0								2295	2296	3311	[illegible]
[illegible]	.	2.1	2.	.2	.3	.	.1	.1	.1	.0								1783	1787	2853	295[illegible]
[illegible]	.	2.6	1.	.	.	.1	.1	.1	.1									1592	15[illegible]	2584	2817
[illegible]	.2	1.	1.	.	.2	.1	.1	.1	.									1270	1271	2072	237[illegible]
[illegible]	.1	1.	.	.	.1	.1	.	.										[illegible]	985	164[illegible]	193[illegible]
[illegible]	.1	1.	.	.	.1	.1	.1	.										752	755	1947	158[illegible]
[illegible]	.1	.	.	.	.1	.	.	.										574	575	1051	1337
[illegible]	.1	.	.4	.2	.	.												[illegible]3	363	69[illegible]	1069
[illegible]	.	.	.	.	.	.												212	212	544	815
[illegible]	.	.1	.	.	.	.												111	111	374	627
[illegible]	.	.1	.	.	.													43	43	223	541
[illegible]		.	.	.														12	12	11[illegible]	41[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], CALIF[illegible]	[illegible]	[illegible]

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

Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.	.															4	4	[illegible]	[illegible]
			.															1	1	[illegible]	27[illegible]
[illegible]																				[illegible]	251
[illegible]																				1	[illegible]
[illegible]																					1[illegible]
[illegible]																					1[illegible]
[illegible]																					13[illegible]
[illegible]																					12[illegible]
[illegible]																					7[illegible]
[illegible]																					71
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					1[illegible]
[illegible]																					1[illegible]
[illegible]																					1
	.1	[illegible]	[illegible]	[illegible]	[illegible]	4.[illegible]	2.[illegible]	1.[illegible]	1.[illegible]	1.1	[illegible]	.6	.4	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
																		[illegible]		[illegible]	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	1[illegible].26	[illegible]							
Dry Bulb	[illegible]	1727194	[illegible]	[illegible]	[illegible]		1.5	1[illegible].1	386.1	70.5	2.4	[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	7.171	[illegible]		[illegible]	156.4	.6			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]	61[illegible]	[illegible]				8760.[illegible]

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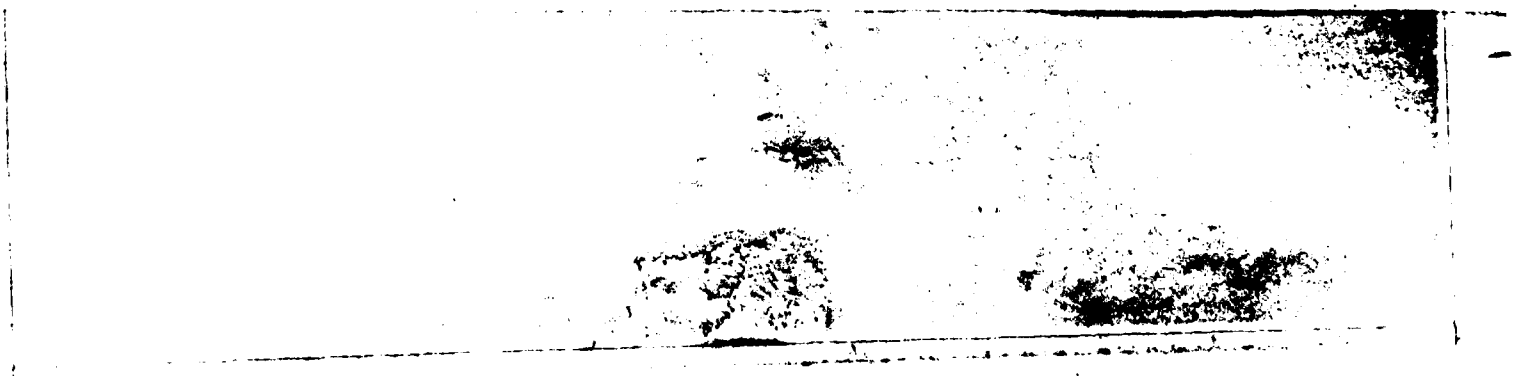
MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible]111 POINT MUGU, CALIFORNIA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	[illegible]0.4	50.7	50.5	51.3	54.4	56.9	58.9	61.4	61.8	57.4	52.6	50.[illegible]	54.7
	S. D.	7.5[illegible]5	5.645	4.960	4.024	3.856	4.159	3.673	3.010	3.473	4.985	6.755	7.143	6.651
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	49.1	49.0	48.7	49.1	53.1	55.5	57.6	60.3	60.6	56.2	51.1	48.2	53.2
[illegible]	S. D.	[illegible].037	6.212	5.540	4.717	4.723	4.660	4.195	3.677	3.951	5.629	7.177	7.565	7.235
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	48.5	48.3	49.1	52.8	57.5	60.7	61.9	62.7	62.2	56.8	50.6	47.4	54.9
[illegible]	S. D.	[illegible].045	6.369	5.501	4.822	3.424	3.973	3.138	2.633	3.951	5.708	7.662	7.883	8.032
	TOTAL OBS	310	282	310	300	310	299	310	310	300	309	300	310	3650
	MEAN	58.3	59.9	59.9	61.8	62.9	66.2	68.0	69.9	70.1	68.4	64.5	59.4	64.1
[illegible]	S. D.	6.577	6.124	4.803	5.562	4.362	5.146	3.479	3.018	5.132	5.657	6.991	6.897	6.823
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	[illegible]1.8	62.4	61.4	63.1	64.6	68.1	70.0	71.8	72.0	69.9	66.7	63.2	66.[illegible]
1[illegible]	S. D.	6.590	5.445	4.759	4.928	4.897	5.214	3.199	2.496	4.807	5.437	6.362	6.191	6.365
	TOTAL OBS	310	252	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	60.2	61.2	60.3	61.9	63.[illegible]	67.0	69.2	70.8	70.8	67.7	64.1	60.9	64.9
1[illegible]	S. D.	5.920	5.141	4.148	4.762	3.646	4.791	3.195	2.708	4.829	4.550	5.323	5.346	6.055
	TOTAL OBS	310	282	310	300	310	299	310	310	300	309	300	309	3649
	MEAN	54.[illegible]	55.8	55.3	56.0	58.[illegible]	61.3	63.1	64.4	64.9	61.9	57.4	53.[illegible]	58.9
1[illegible]	S. D.	4.980	3.792	3.219	3.328	3.086	3.961	3.030	2.380	3.101	3.376	4.882	5.121	5.379
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	309	3650
	MEAN	52.[illegible]	52.5	52.6	53.7	55.[illegible]	58.2	59.8	62.3	63.1	59.2	54.4	51.2	56.2
[illegible]2	S. D.	[illegible].263	4.673	3.851	3.322	3.139	3.911	3.488	2.530	3.066	4.327	5.962	6.461	5.957
	TOTAL OBS	310	282	310	300	310	298	310	310	300	310	300	309	3649
ALL HOURS	MEAN	[illegible]4.4	55.0	54.7	56.2	58.7	61.7	63.6	65.4	65.7	62.2	57.7	54.2	59.1
	S. D.	[illegible].357	7.595	6.766	6.755	5.616	6.383	5.717	5.178	5.915	7.287	8.674	8.758	8.196
	TOTAL OBS	2400	2256	2480	2400	2490	2391	2480	2480	2400	2478	2400	2477	29202



MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] POINT MUGU, CALIFORNIA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	[illegible]	46.9	47.2	48.5	52.1	54.7	57.1	59.3	59.1	54.1	47.2	44.5	51.4
	S. D.	[illegible]	[illegible]	5.121	3.959	3.732	3.744	3.329	2.843	3.259	5.346	5.247	5.526	6.971
	TOTAL OBS	[illegible]	[illegible]	[illegible]	300	310	299	310	310	300	310	300	308	3648
[illegible]	MEAN	[illegible]	45.3	45.6	46.5	[illegible]	53.6	56.0	58.4	58.1	52.8	45.7	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	5.592	4.568	4.405	4.287	3.914	3.527	3.663	5.763	5.614	5.871	7.412
	TOTAL OBS	[illegible]	[illegible]	[illegible]	300	310	299	310	310	300	[illegible]	300	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	44.5	45.9	49.5	[illegible]	57.7	59.8	60.5	59.5	53.1	44.9	42.1	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
ALL HOURS	MEAN	46.2	49.8	49.9	51.6	54.8	57.6	59.9	61.5	61.3	56.9	50.7	47.7	54.2
	S. D.	[illegible]	5.942	5.576	4.774	4.093	4.242	3.961	3.428	3.790	5.511	6.464	6.713	7.172
	TOTAL OBS	[illegible]	2255	[illegible]	2400	2480	2391	2480	2480	2397	2478	2400	2469	29185

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] POINT MUGU, CALIFORNIA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	42.4	43.7	45.8	50.2	53.0	55.9	57.8	57.2	51.1	[illegible]	37.1	47.8
	S. D.	11.414	9.451	7.33[illegible]	5.6[illegible]6	4.215	4.362	3.272	3.056	4.431	8.188	[illegible].937	11.042	10.3[illegible]8
	TOTAL OBS	310	281	31[illegible]	300	310	299	310	310	300	310	300	308	3645
	MEAN	37.4	[illegible].8	42.1	43.8	49.1	52.1	55.0	57.1	56.3	49.4	38.9	35.5	46.5
	S. D.	11.372	9.527	8.244	6.134	5.005	4.806	3.812	3.652	4.927	9.167	11.[illegible]98	10.538	10.774
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	308	3649
	MEAN	36.4	39.6	42.3	46.4	52.[illegible]	55.5	58.3	59.1	57.4	49.4	37.6	34.[illegible]	47.[illegible]
	S. D.	11.558	9.773	8.357	6.32[illegible]	4.019	3.718	2.746	2.853	5.143	9.048	10.814	10.489	11.657
	TOTAL OBS	310	282	310	300	310	299	31[illegible]	310	299	309	300	3[illegible]8	3647
	MEAN	[illegible].[illegible]	45.1	45.[illegible]	48.4	53.[illegible]	56.1	59.4	60.6	59.7	53.4	43.8	40.[illegible]	5[illegible].[illegible]
	S. D.	11.667	9.573	8.614	6.517	4.3[illegible]1	4.103	2.877	2.794	5.009	9.416	11.43[illegible]	11.149	10.7[illegible]6
	TOTAL OBS	310	282	31[illegible]	300	310	299	31[illegible]	310	299	310	300	30[illegible]	3646
	MEAN	[illegible]4.3	47.7	47.3	49.7	53.3	56.3	59.3	6[illegible].6	59.8	54.8	47.[illegible]	44.6	52.1
1	S. D.	1[illegible].5[illegible]7	[illegible].8[illegible]9	7.540	5.550	3.752	3.838	2.867	2.719	4.486	7.869	[illegible].157	[illegible].908	9.246
	TOTAL OBS	310	282	31[illegible]	300	310	299	310	310	299	310	300	309	3649
	MEAN	[illegible].[illegible]	47.9	48.1	49.9	53.3	56.1	59.[illegible]	60.3	59.7	55.4	48.6	45.4	52.4
	S. D.	1[illegible].030	[illegible].163	6.463	5.034	3.342	3.244	2.837	2.584	4.175	6.482	[illegible].651	[illegible].202	[illegible].389
	TOTAL OBS	310	282	310	300	310	299	310	310	300	309	300	3[illegible]8	3648
	MEAN	[illegible]3.[illegible]	47.1	47.2	48.2	51.[illegible]	54.4	57.1	58.5	58.4	54.5	47.[illegible]	43.4	51.[illegible]
1[illegible]	S. D.	10.077	7.[illegible]88	5.665	4.742	3.3[illegible]3	3.196	2.736	2.378	2.999	5.940	9.117	9.563	[illegible].199
	TOTAL OBS	310	282	310	300	310	299	31[illegible]	310	300	310	300	3[illegible]6	3649
	MEAN	41.3	44.[illegible]	45.[illegible]	47.7	51.[illegible]	53.5	56.1	58.2	58.2	52.[illegible]	43.5	39.7	49.4
[illegible]	S. D.	1[illegible].648	[illegible].919	6.653	4.831	3.5[illegible]8	3.660	3.039	2.542	3.304	7.340	[illegible].406	[illegible].409	9.329
	TOTAL OBS	310	282	31[illegible]	300	310	298	31[illegible]	310	300	310	300	307	3647
ALL HOURS	MEAN	41.1	44.4	45.3	47.5	51.7	54.6	57.5	59.0	58.3	52.6	43.3	40.1	49.7
	S. D.	11.369	9.512	7.728	5.954	4.223	4.171	3.440	3.105	4.535	8.311	11.016	11.207	10.113
	TOTAL OBS	2480	2255	2480	2400	2480	2391	2480	2480	2397	2478	2400	2464	29185

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible], CALIFORNIA	[illegible]	JAN

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%		
[illegible]	[illegible]	100.0	93.5	87.7	[illegible]	79.[illegible]	73.9	62.9	44.2	11.[illegible]	[illegible]	31
	4	100.0	94.2	88.7	85.5	81.3	71.9	61.3	41.9	14.2	69.6	31
	7	100.0	94.2	87.7	83.9	79.	71.3	61.3	39.4	11.3	68.[illegible]	310
	10	[illegible].7	90.0	81.3	75.2	64.2	51.5	36.5	21.0	5.8	58.[illegible]	31[illegible]
	13	1[illegible].0	91.3	86.5	78.1	69.1	52.3	31.0	14.2	3.9	58.[illegible]	31[illegible]
	16	1[illegible].0	93.7	90.6	84.2	75.[illegible]	62.6	41.3	17.7	[illegible].2	62.8	310
	19	100.0	[illegible].1	92.3	88.7	83.9	76.5	63.9	38.1	[illegible].4	[illegible].7	31[illegible]
	22	100.0	95.8	90.0	85.8	83.[illegible]	77.4	66.8	44.8	13.2	71.7	31[illegible]
TOTALS		100.0	[illegible].7	88.1	[illegible].3	76.[illegible]	67.2	53.0	32.7	9.0	66.2	2[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	FEB

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%		
[illegible]	[illegible]	100.0	[illegible].7	94.0	92.5	89.7	86.1	76.2	58.4	19.9	77.4	281
	[illegible]	100.0	96.8	94.3	92.2	89.7	86.5	73.4	52.8	21.3	77.0	282
	[illegible]	99.6	96.9	94.7	91.5	87.6	81.6	71.7	54.3	20.2	75.6	282
	[illegible]	99.6	[illegible].7	89.[illegible]	78.7	69.9	61.0	45.0	27.3	[illegible].2	63.2	284
	[illegible]	99.6	95.0	89.7	85.5	77.0	65.2	41.8	14.9	[illegible].2	62.8	282
	[illegible]	100.0	96.5	93.6	88.3	80.1	72.7	46.8	22.0	[illegible].8	65.6	282
	[illegible]	100.0	97.5	95.7	95.0	90.4	85.1	77.3	45.4	10.6	75.5	282
	[illegible]	99.[illegible]	96.5	95.0	93.6	90.[illegible]	88.3	81.9	62.4	18.4	78.6	282
TOTALS		99.8	96.2	93.3	89.7	84.4	78.3	64.2	42.2	13.1	72.0	2255

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	MAR

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%		
AP	01	100.0	99.7	98.7	96.8	94.5	90.0	81.0	57.7	19.6	79.2	310
	04	100.0	99.0	97.4	95.8	94.2	90.0	81.3	62.3	17.7	79.9	310
	07	100.0	99.0	96.5	94.8	93.9	90.0	80.3	61.9	17.7	79.6	310
	10	100.0	97.1	92.3	87.1	79.7	62.6	39.0	16.5	.6	63.2	310
	13	100.0	96.8	94.8	91.0	84.8	58.1	29.0	8.7	.3	62.4	310
	16	100.0	99.0	96.8	94.8	90.0	71.9	37.4	11.9	1.0	66.0	310
	19	100.0	100.0	99.7	98.4	94.8	89.4	73.5	36.8	2.9	75.3	310
	22	100.0	99.7	99.4	98.7	95.5	91.0	82.3	52.9	19.0	78.8	310
TOTALS		100.0	98.8	97.0	94.7	90.4	80.4	63.0	36.6	7.6	73.1	2480

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]PR	01	100.0	99.3	99.3	99.3	97.7	95.[illegible]	89.3	64.7	17.[illegible]	82.4	300
	[illegible]	100.0	99.7	99.3	99.3	97.3	94.3	89.3	67.7	25.3	82.9	300
	[illegible]	100.0	99.0	97.3	96.7	94.3	93.0	85.7	62.7	19.7	81.0	300
	10	100.0	96.3	94.3	92.7	87.3	66.3	40.0	10.3	.7	64.4	300
	11	99.7	98.3	96.3	94.7	88.7	66.7	29.[illegible]	6.0		63.6	300
	12	100.0	99.0	97.7	95.0	90.0	74.7	39.0	9.7	.7	66.4	300
	13	100.0	99.3	98.7	98.3	97.[illegible]	92.0	78.0	36.7	4.0	76.3	300
	14	100.0	99.3	99.0	98.7	98.[illegible]	96.7	88.3	55.3	12.7	81.2	300
TOTALS		100.0	98.8	97.7	96.8	93.[illegible]	85.1	67.3	39.1	9.4	74.8	2400

OCEANAV–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	POINT MUGU, CALIFORNIA	73-82	MAY

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	01	100.0	100.0	100.0	100.0	100.0	98.4	94.8	76.1	29.7	86.[illegible]	310
	[illegible]	100.0	100.0	99.7	99.7	99.4	97.4	94.5	78.4	36.8	87.[illegible]	310
	[illegible]	100.0	100.0	99.7	99.4	99.0	95.5	89.7	63.5	19.4	82.7	310
	[illegible]	100.0	99.4	99.0	98.4	96.1	86.1	54.2	23.5	1.9	71.5	310
	[illegible]	100.0	99.7	99.0	98.4	95.5	80.3	36.8	12.3	.6	67.8	310
	[illegible]	100.0	100.0	100.0	99.7	97.1	88.4	46.5	12.6	1.0	70.1	310
	[illegible]	100.0	100.0	100.0	100.0	99.[illegible]	94.5	64.5	51.0	4.8	79.6	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	98.1	93.9	79.0	19.4	84.4	310
TOTALS		100.0	99.9	99.7	99.5	98.1	92.6	74.8	48.4	14.2	76.6	2481

OCEANAV–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	JUN

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%		
[illegible]	[illegible]1	10[illegible].0	[illegible]9.7	99.7	99.3	99.3	99.0	97.7	87.0	33.9	87.6	299
	[illegible]8	100.0	99.7	99.7	99.7	99.3	98.7	98.0	90.3	41.8	89.0	299
	[illegible]7	100.0	99.7	99.3	98.7	98.[illegible]	97.3	95.0	76.3	21.7	84.4	299
	1[illegible]	100.0	99.[illegible]	98.7	98.[illegible]	97.[illegible]	88.6	49.8	24.1	1.7	71.4	299
	1[illegible]	100.0	99.[illegible]	99.0	98.0	95.3	81.9	35.8	7.0	.3	67.2	299
	1[illegible]	100.0	100.0	100.0	98.0	96.[illegible]	86.6	39.8	9.0		68.7	299
	1[illegible]	1[illegible].0	1[illegible].0	100.0	99.7	98.7	96.3	84.3	49.5	2.0	79.7	299
	[illegible]2	1[illegible].0	99.7	99.7	99.7	99.7	98.7	97.3	80.9	17.4	85.2	298
TOTALS		100.0	99.6	99.5	98.9	97.9	93.4	74.7	53.0	14.8	79.0	2391

OCEANAV-SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]11	POINT MUGU, CALIFORNIA	73-82	JUL

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	1	100.0	100.0	100.0	100.0	100.0	100.0	99.7	96.5	43.5	90.1	310
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	48.4	91.2	310
	07	100.0	100.0	100.0	100.0	100.0	100.0	99.7	89.0	34.8	88.4	310
	10	100.0	100.0	100.0	100.0	99.7	97.1	69.7	21.6	2.3	74.6	310
	13	100.0	100.0	100.0	99.7	99.7	89.1	46.1	7.4	.3	69.3	310
	16	100.0	100.0	100.0	100.0	99.7	93.9	45.2	11.0	.6	70.4	310
	19	100.0	100.0	100.0	100.0	100.0	100.0	96.1	57.1	4.2	80.9	310
	22	100.0	100.0	100.0	100.0	100.0	100.0	99.0	91.9	28.4	87.8	310
TOTALS		100.0	100.0	100.0	100.0	99.9	97.4	81.9	58.9	20.3	81.6	2480

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

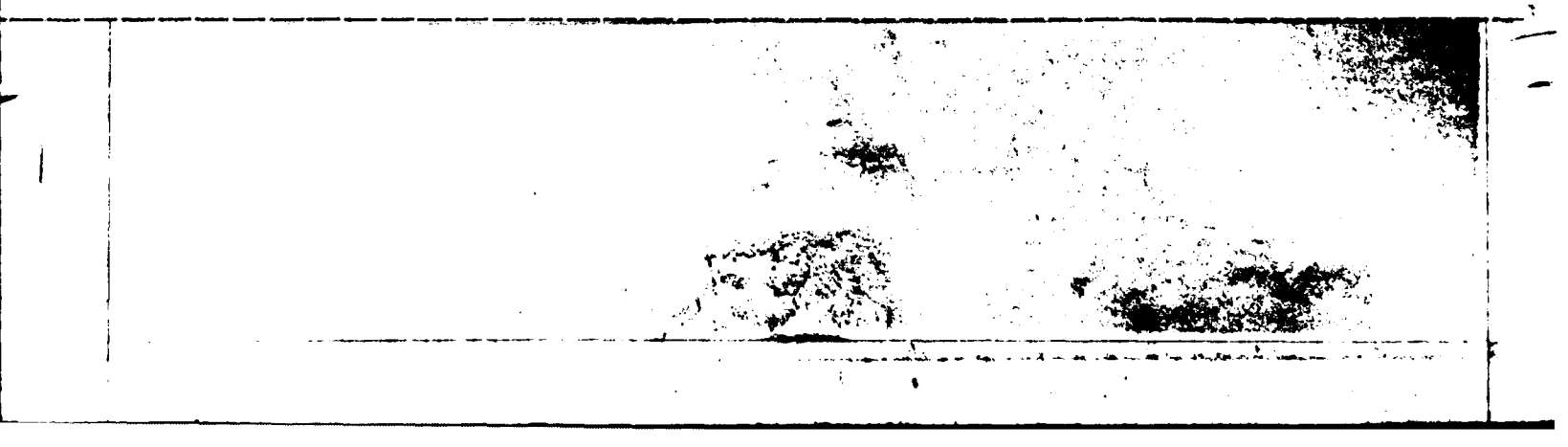
RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	AUG

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	[illegible]	100.0	100.0	100.0	100.0	100.[illegible]	100.0	99.7	93.2	32.3	88.4	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	99.7	94.5	37.1	89.4	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	99.7	89.7	33.2	88.5	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	92.6	64.8	20.6	1.3	72.9	310
	[illegible]	100.0	100.0	100.0	100.0	99.[illegible]	85.8	36.8	4.8	.3	68.1	310
	[illegible]	100.0	100.0	100.0	100.0	99.[illegible]	91.6	47.4	9.7	.6	69.8	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	96.5	66.5	3.2	81.5	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	99.4	90.3	21.6	86.8	310
TOTALS		100.0	100.0	100.[illegible]	100.0	99.[illegible]	96.3	80.5	58.5	16.2	80.7	2480

OCEANAV–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

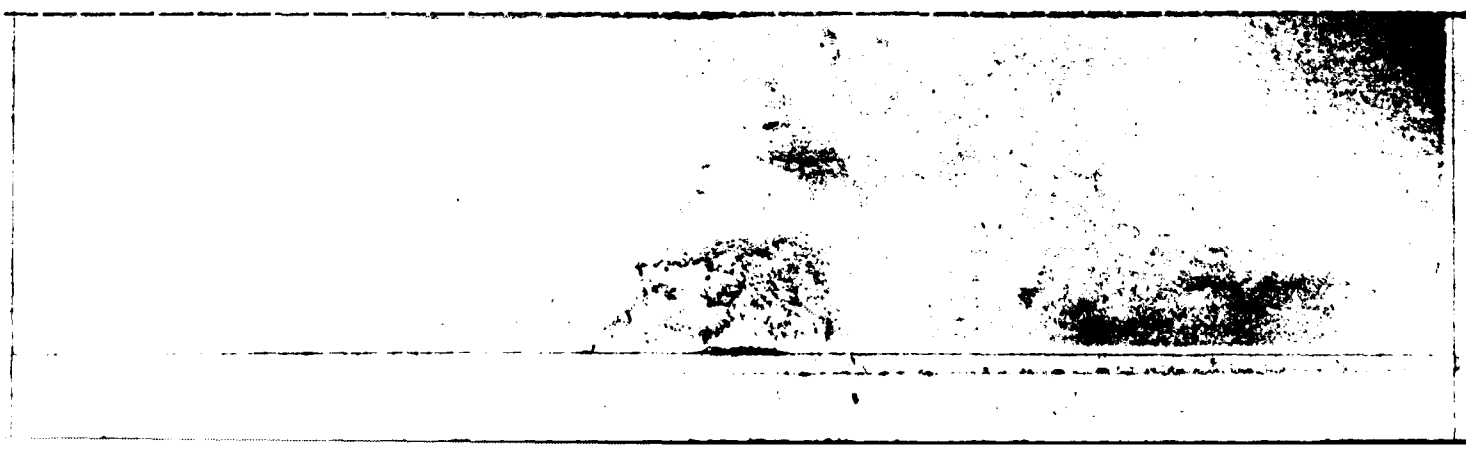
RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	SEP

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	01	100.0	99.7	99.7	99.0	98.3	97.0	95.7	88.7	27.3	86.0	300
	04	100.0	99.7	99.3	99.0	98.3	97.3	95.3	88.3	25.0	86.7	300
	07	99.7	99.3	98.7	98.0	97.3	96.3	94.0	84.6	32.1	86.1	299
	10	100.0	98.7	98.7	98.0	95.7	89.3	60.5	22.7	2.7	71.5	299
	13	99.7	98.7	97.7	96.3	93.0	82.9	40.1	9.4	.7	67.3	299
	16	99.7	99.0	98.7	97.7	93.3	88.0	62.3	11.3	1.0	69.4	300
	19	100.0	100.0	100.0	99.7	98.7	97.0	71.0	57.3	4.0	80.1	300
	22	100.0	100.0	100.0	100.0	99.0	99.0	97.7	79.7	13.7	84.5	300
TOTALS		99.9	99.4	98.9	98.2	96.7	93.4	78.3	55.3	12.7	79.0	2397

OCEANAV–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	POINT MUGU, CALIFORNIA	[illegible]-82	OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	99.4	99.4	96.5	94.[illegible]	91.0	85.2	72.3	20.0	81.6	310
	04	99.7	97.4	96.1	93.5	92.[illegible]	88.7	84.5	70.3	23.2	80.9	310
	[illegible]	100.0	97.4	95.8	93.9	90.6	86.7	82.5	67.6	23.3	79.8	309
	1[illegible]	99.7	91.9	89.0	86.8	82.3	70.3	41.3	19.7	2.9	63.7	31[illegible]
	13	99.7	95.2	92.3	89.7	84.[illegible]	68.1	34.8	7.4	1.0	62.2	310
	1[illegible]	100.0	97.7	95.8	94.5	90.[illegible]	79.3	44.3	16.2	1.0	67.1	309
	1[illegible]	100.0	99.4	98.4	97.7	94.8	91.6	82.3	54.8	[illegible].5	78.3	310
	22	99.7	98.4	97.7	97.1	96.1	94.2	89.7	67.1	13.9	81.1	310
TOTALS		99.9	97.[illegible]	95.4	[illegible]3.7	90.[illegible]	83.7	68.1	46.9	11.4	74.3	2478

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]111	POINT MUGU, CALIFORNIA	73-82	NOV

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%		
[illegible]	01	100.0	92.3	88.7	83.0	78.7	73.7	61.7	45.0	18.0	69.7	300
	04	100.0	91.7	89.0	84.3	78.0	72.0	62.0	43.7	15.3	69.3	300
	07	99.7	91.0	87.7	83.0	75.7	70.0	58.7	39.7	12.3	67.6	300
	10	100.0	87.0	78.7	66.0	56.3	42.3	27.3	12.0	3.7	52.7	300
	13	100.0	91.3	86.0	76.0	63.0	45.7	20.0	4.3	1.0	53.9	300
	16	100.0	97.0	92.3	85.0	75.7	58.0	33.7	9.7	.3	60.5	300
	19	100.0	95.3	94.7	93.0	90.3	78.7	66.3	38.3	6.7	72.0	300
	22	100.0	93.3	91.3	88.7	83.7	79.0	67.7	46.0	12.7	72.1	300
TOTALS		100.0	92.4	88.6	82.4	75.2	64.9	49.7	29.7	8.5	64.7	2400

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

.11 (STATION) | 90[illegible] MOOD, CALIFORNIA (STATION NAME) | 73-7[illegible] (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%		
[illegible]	[illegible]	100.0	93.2	84.1	80.2	75.6	69.2	59.1	41.6	17.6	67.5	3[illegible]8
	1	100.0	94.5	86.7	83.1	76.3	68.2	55.9	39.0	12.7	67.6	3[illegible]8
	2	100.0	94.8	87.3	83.8	76.3	67.5	56.5	37.3	11.4	67.3	3[illegible]9
	[illegible]	100.0	87.7	79.2	70.5	58.4	46.8	30.8	16.2	4.9	55.3	308
	1[illegible]	100.0	96.7	83.8	77.3	63.4	50.2	26.9	8.7	1.3	56.0	309
	1[illegible]	100.0	93.5	89.0	84.1	75.0	60.4	39.6	14.9	2.3	61.1	3[illegible]8
	1[illegible]	100.0	96.4	91.9	90.3	86.[illegible]	80.2	66.2	40.6	6.5	71.8	308
	2[illegible]	100.0	94.5	87.9	84.[illegible]	80.1	74.9	65.8	45.[illegible]	12.7	70.4	307
TOTALS		100.0	92.9	86.2	81.7	73.9	64.7	50.1	30.4	8.2	64.6	2464

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible]	[illegible], CALIFORNIA	73-92	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%		
[illegible]	ALL	100.0	[illegible]3.7	88.1	[illegible]3.3	76.7	67.2	53.[illegible]	32.7	[illegible].[illegible]	66.2	24[illegible]
[illegible]		99.8	96.2	93.3	[illegible]9.7	84.4	78.3	64.2	42.2	13.1	72.[illegible]	22[illegible]5
[illegible]		100.0	[illegible]8.8	97.[illegible]	94.7	90.[illegible]	80.4	[illegible]3.0	38.6	7.6	73.1	24[illegible]0
[illegible]		100.0	98.8	97.7	96.8	93.[illegible]	85.1	67.3	39.1	9.4	74.8	24[illegible]0
[illegible]		100.0	99.9	99.7	99.5	98.[illegible]	92.6	74.4	48.4	14.2	78.6	24[illegible]3
[illegible]		100.0	[illegible]9.6	99.5	98.[illegible]	97.[illegible]	93.4	74.7	53.0	14.[illegible]	79.0	2391
JUL		[illegible]00.0	100.0	100.0	100.0	99.[illegible]	97.4	81.9	58.[illegible]	20.3	81.6	24[illegible]0
[illegible]		[illegible]00.0	100.0	100.0	100.0	99.[illegible]	96.3	80.5	58.[illegible]	16.2	[illegible]0.7	24[illegible]0
[illegible]		99.9	[illegible]9.4	98.9	98.2	96.7	93.4	78.[illegible]	55.3	12.7	79.[illegible]	23[illegible]7
[illegible]		99.9	97.[illegible]	95.4	93.7	90.[illegible]	83.7	68.1	46.9	11.4	74.3	24[illegible]8
[illegible]		[illegible]00.0	92.4	88.6	82.4	75.[illegible]	64.9	49.7	29.7	[illegible].[illegible]	64.7	24[illegible]0
DEC		100.0	92.9	86.2	81.7	73.9	64.7	50.1	30.4	8.2	64.6	2464
TOTALS		100.0	[illegible]7.4	95.4	93.2	89.9	83.1	67.1	44.5	12.1	74.1	29185

OCEANAV-SMOS

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] | POINT MUGU, CALIFORNIA | JANUARY 1973-DECEMBER 1982 | JANUARY | ALL

STATION | STATION NAME | YEARS | MONTH | HOUR

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		100.0								1	.1
82 TO 86		50.0	33.3		16.7					6	.7
77 TO 81		57.1	28.6		7.1	7.1				14	.6
72 TO 76	2.0	38.0	44.0		4.0	8.0	2.0	2.0		51	2.3
67 TO 71	3.3	28.9	27.8	1.1	10.0	3.3	11.1	11.1	3.3	90	3.6
62 TO 66	2.7	14.3	15.5	3.1	15.9	10.5	23.6	10.9	3.5	258	10.4
57 TO 61	4.9	11.4	9.9	7.3	13.6	10.1	18.7	10.2	13.8	587	23.7
52 TO 56	14.9	21.1	12.3	4.6	6.6	3.9	10.3	7.1	19.2	603	24.3
47 TO 51	22.4	30.4	11.7	2.3	1.6	.7	3.3	7.9	19.6	428	17.3
42 TO 46	28.4	38.3	7.8	.4	.7		1.1	4.6	18.8	282	11.4
37 TO 41	43.3	37.0	9.4					.8	9.4	127	5.1
32 TO 36	59.4	28.1	6.3						6.3	32	1.3
27 TO 31	100.0									1	.0
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	15.4	23.5	12.5	3.7	7.4	4.5	10.5	7.7	14.5	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEAR) FEBRUARY (MONTH) ALL (HOUR)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81	10.0	30.0	40.0		10.0				10.0	10	.4
72 TO 76	7.1	38.1	14.3	4.8	2.4	4.8	14.3	11.9	2.4	42	1.9
67 TO 71	2.2	21.3	22.5		5.6	9.0	16.9	19.1	3.4	89	3.9
62 TO 66	2.4	12.4	10.6	4.0	12.7	9.6	29.1	15.1	4.0	251	11.1
57 TO 61	3.9	6.3	6.5	9.3	17.5	11.2	23.3	6.5	11.1	586	25.1
52 TO 56	10.7	16.7	9.3	6.0	8.1	4.5	12.9	11.0	21.3	5[illegible]	25.8
47 TO 51	23.4	27.3	10.9	.5	2.1	.3	2.1	6.5	26.8	384	17.0
42 TO 46	29.5	37.5	7.2	.4			.8	3.6	21.1	251	11.1
37 TO 41	30.8	28.2	11.5					2.6	26.9	78	3.5
32 TO 36	50.0		50.0							[illegible]	.1
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	12.6	19.2	9.7	4.5	6.6	5.7	13.6	9.2	16.7	2256	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	MARCH	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86		25.0	50.0	25.0						4	.2
77 TO 81			28.6	14.3	14.3		28.6		14.3	7	.3
72 TO 76	20.0	10.0	30.0				40.0			10	.4
67 TO 71	5.4	12.5	19.6	1.8	12.5	8.9	30.4	5.4	3.6	56	2.3
62 TO 66	2.9	2.6	3.2	6.5	14.2	12.6	45.8	8.4	3.9	310	12.5
57 TO 61	2.6	2.9	2.7	8.1	14.5	8.1	37.5	11.5	12.1	627	25.3
52 TO 56	5.1	8.1	5.4	6.5	9.4	4.4	22.7	17.4	21.0	682	27.5
47 TO 51	19.6	24.9	8.5	2.1	1.1	.6	5.3	12.2	25.6	469	18.9
42 TO 46	37.0	26.0	8.7			.4	1.5	3.0	23.4	265	10.7
37 TO 41	37.5	35.4	6.3					6.3	14.6	48	1.9
32 TO 36	100.0									2	.1
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	11.1	11.[illegible]	[illegible]	5.2	9.5	5.2	23.5	11.6	17.1	2[illegible]	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JANUARY 1973-DECEMBER 1992 (YEARS) APRIL (MONTH) ALL (HOURS LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91			50.0				50.0			2	.1
82 TO 86		40.0	20.0		20.0			20.0		5	.2
77 TO 81	5.9	23.5	41.2				23.5	5.9		17	.7
72 TO 76		5.6	16.7		27.8		27.8	22.2		18	.8
67 TO 71		2.2	9.8	1.1	6.5	14.1	55.4	9.8	1.1	92	3.8
62 TO 66	1.5	1.0	.5	2.0	12.2	18.8	55.5	7.1	1.3	393	16.4
57 TO 61	3.3	2.0	.9	3.1	9.3	12.5	39.7	16.7	12.5	551	23.0
52 TO 56	8.1	7.9	2.7	2.3	4.9	4.6	20.1	18.7	30.8	738	30.8
47 TO 51	17.2	20.9	7.0	.7	.2	.2	6.7	13.5	33.5	430	17.9
42 TO 46	21.5	34.8	7.4					2.2	34.1	135	5.6
37 TO 41	44.4	33.3	11.1						11.1	18	.8
32 TO 36									100.0	1	.0
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	8.2	9.4	3.8	1.9	6.2	8.0	28.1	13.9	20.6	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

7111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	MAY	ALL
STATION	STATION NAME	YEARS	MONTH	HOUR (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		100.0								1	.0
87 TO 91		50.0					50.0			2	.1
82 TO 86		100.0								1	.0
77 TO 81				9.1		36.4	54.5			11	.4
72 TO 76	4.2		8.3	4.2	8.3	16.7	41.7	16.7		24	1.0
67 TO 71	.8	.8			12.5	19.2	55.0	6.7	5.0	120	4.8
62 TO 66	.5	.3	.2	1.2	9.8	16.6	60.3	8.9	2.2	584	23.5
57 TO 61	3.5	6.3	1.4	4.8	9.7	6.2	31.0	16.7	20.1	904	36.5
52 TO 56	7.9	7.1	3.5	2.1	4.0	3.0	17.0	22.2	33.2	623	25.1
47 TO 51	13.7	17.7	6.9			1.7	9.0	13.7	38.3	175	7.1
42 TO 46	16.1	35.5	12.9					3.2	32.3	31	1.3
37 TO 41	25.0	25.0		25.0					25.0	4	.2
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	4.8	6.3	2.2	2.7	7.5	8.3	33.7	15.2	19.6	2487	100.0

NAVWEASERVCOM



PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

'111 STATION | POINT MUGU, CALIFORNIA STATION NAME | JANUARY 1973-DECEMBER 1982 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			100.0							1	.0
92 TO 96			100.0							2	.1
87 TO 91					25.0	25.0	25.0	25.0		4	.2
82 TO 86	5.6	11.1		5.6	5.6	11.1	44.4	11.1	5.6	18	.8
77 TO 81		16.7		4.2	8.3	12.5	45.8	8.3	4.2	24	1.0
72 TO 76	2.2				11.0	16.5	53.8	11.0	5.5	91	3.8
67 TO 71	1.4	.6	.3	.8	10.5	11.0	64.3	9.9	1.1	353	14.8
62 TO 66	3.3	2.7	.8	2.8	10.1	11.8	47.2	13.4	8.0	636	26.6
57 TO 61	8.5	5.1	2.6	4.1	6.1	3.4	20.4	21.6	28.3	849	35.5
52 TO 56	13.1	9.5	2.3	.7	1.0	.7	13.8	17.0	42.0	305	12.8
47 TO 51	11.0	11.0	2.2	1.1	1.1		6.6	18.7	48.4	91	3.8
42 TO 46	17.6	17.6	17.6	5.9			5.9		35.3	17	.7
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	6.4	4.6	1.8	2.6	7.2	6.9	34.2	16.2	20.1	2391	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] (STATION) | POINT MUGU, CALIFORNIA (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | JULY (MONTH) | ALL (HOURS [illegible])

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	.0
77 TO 81					11.1	22.2	55.6	11.1		18	.7
72 TO 76				.5	9.6	20.2	61.1	8.6		198	8.0
67 TO 71	.5	1.3		.8	7.2	13.3	61.5	11.8	3.5	595	24.0
62 TO 66	6.8	4.4	1.8	3.9	6.8	6.5	27.9	23.7	18.2	709	28.6
57 TO 61	10.9	7.6	4.0	2.9	3.4	2.3	9.5	21.1	38.3	697	28.1
52 TO 56	11.7	12.2	4.8		1.7	.9	6.5	18.3	43.9	230	9.3
47 TO 51	24.1	17.2	6.9					10.3	41.4	29	1.2
42 TO 46	100.0									1	.0
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	6.5	5.4	2.2	2.2	5.6	7.5	31.4	18.1	21.4	2478	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

111	POINT MUGU, CALIFORNIA	JANUARY 1973-DECEMBER 1982	AUGUST	ALL
STATION	STATION NAME	YEARS	MONTH	HOUR

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							100.0			1	.0
77 TO 81							73.9	26.1		23	.9
72 TO 76				.3	6.3	16.1	67.3	9.5	.5	387	14.8
67 TO 71	1.2	.7		1.9	11.7	15.5	49.3	15.6	4.1	582	23.5
62 TO 66	8.5	7.6	2.0	3.0	5.0	3.0	12.8	27.7	30.3	952	38.4
57 TO 61	14.0	16.1	5.0	.9	1.9	.6	3.5	17.1	40.3	479	19.3
52 TO 56	22.2	27.8	9.7	1.4	1.4			4.2	33.3	72	2.9
47 TO 51		50.0	25.0						25.0	4	.7
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	6.9	7.1	2.2	1.9	6.0	7.3	27.9	19.4	21.5	2480	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (MONTH) ALL (HRS 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											
[illegible]											
[illegible]											
[illegible]											
[illegible] 101		50.0	50.0							2	.1
92 TO 96			25.0		50.0	25.0				4	.2
87 TO 91		20.0			20.0	20.0	40.0			10	.4
82 TO 86		10.7				21.4	57.1	10.7		28	1.2
77 TO 81	2.2	6.7	2.2		2.2	17.8	48.9	20.0		45	1.9
72 TO 76	1.2	2.0	.8	1.6	13.0	13.0	58.5	8.3	1.6	253	10.5
67 TO 71	4.0	1.7	1.5	3.8	11.2	12.9	42.1	13.2	9.7	606	25.3
62 TO 66	10.5	7.4	3.9	4.3	7.6	5.4	11.5	21.7	27.6	882	36.8
57 TO 61	10.8	30.1	6.0	2.7	1.5	1.9	4.0	12.3	30.8	481	20.0
52 TO 56	20.7	33.3	12.6	1.1	1.1	1.1		1.1	28.7	87	3.6
47 TO 51	50.0	50.0								2	.1
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
[illegible] TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
[illegible] TO 1											
-8 TO -4											
[illegible] TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.3	11.1	3.7	3.3	7.5	7.8	23.5	15.2	20.0	2400	100.0

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4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

111 STATION | POINT MUGU, CALIFORNIA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | OCTOBER MONTH | ALL HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		100.0								2	.1
87 TO 91		50.0	33.3				16.7			6	.2
82 TO 86	4.0	28.0	8.0	4.0	8.0		32.0	16.0		25	1.0
77 TO 81		26.3	7.9	2.6	5.3	2.6	34.2	21.1		38	1.5
72 TO 76	2.1	10.6	2.1	.7	10.6	4.2	58.5	9.2	2.1	142	5.7
67 TO 71	2.5	4.5	1.1	2.2	11.8	13.2	48.0	10.5	6.3	448	18.1
62 TO 66	9.3	5.3	2.7	4.4	10.3	6.5	24.7	14.1	22.7	697	28.1
57 TO 61	17.1	15.7	4.8	1.0	3.1	2.2	7.4	12.5	36.2	585	23.6
52 TO 56	20.8	26.0	6.3	.3	1.1	.3	1.9	5.5	38.0	366	14.8
47 TO 51	28.1	28.1	11.5	1.4			.7	2.9	27.3	139	5.6
42 TO 46	27.6	48.3	10.3					3.4	10.3	29	1.2
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	12.2	13.5	4.2	2.1	6.7	5.0	21.9	10.8	23.5	2477	100.0

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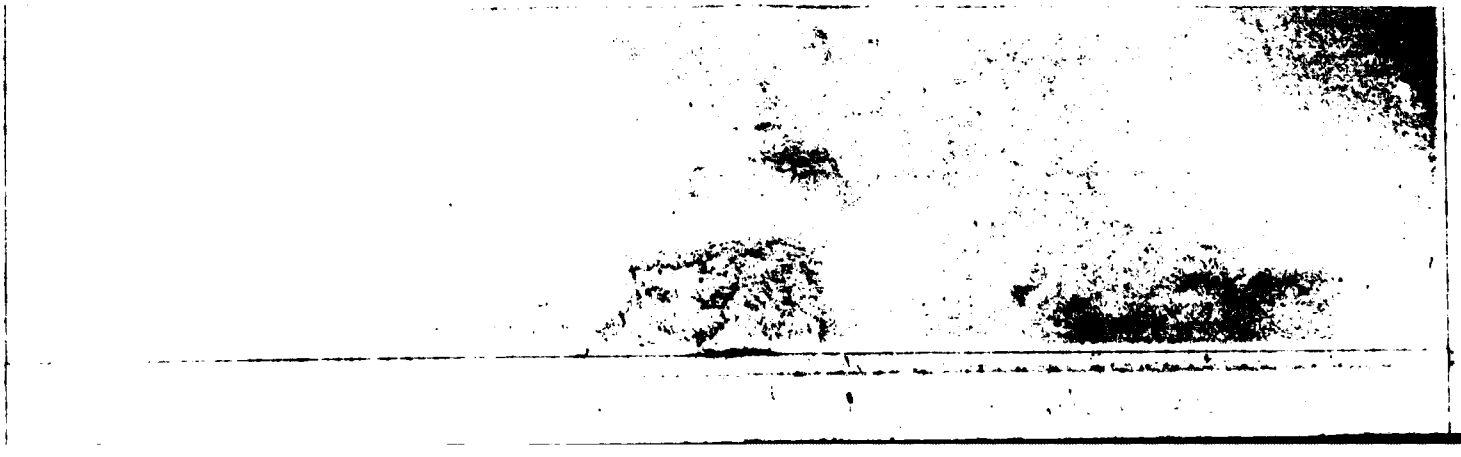
PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

-111 STATION | POINT MUGU, CALIFORNIA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | NOVEMBER MONTH | ALL HOUR

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 ·											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		33.3	66.7							3	.1
82 TO 86		46.2	30.8		15.4		7.7			13	.5
77 TO 81	2.6	31.6	18.4	2.6	13.2	2.6	21.1	7.9		38	1.6
72 TO 76	3.7	21.3	21.3	2.8	4.6	5.6	21.3	14.6	4.6	108	4.5
67 TO 71	8.6	15.7	9.6	1.5	6.1	9.1	31.8	13.1	4.5	199	8.3
62 TO 66	8.2	8.0	7.3	4.4	12.9	8.7	33.0	11.7	5.9	427	17.8
57 TO 61	16.1	11.4	6.6	5.4	6.8	5.8	19.7	13.3	14.9	517	21.5
52 TO 56	19.6	24.0	12.4	2.1	2.9	1.5	4.6	8.0	24.8	475	19.8
47 TO 51	33.0	35.5	8.9				.3	4.0	18.3	349	14.5
42 TO 46	35.8	31.0	7.0		.4		1.3	2.2	22.3	229	9.5
37 TO 41	39.0	36.6	9.8					2.4	12.2	41	1.7
32 TO 36		100.0								2	.1
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	18.6	20.5	9.6	2.7	5.4	4.1	15.2	9.3	14.6	2400	100.0

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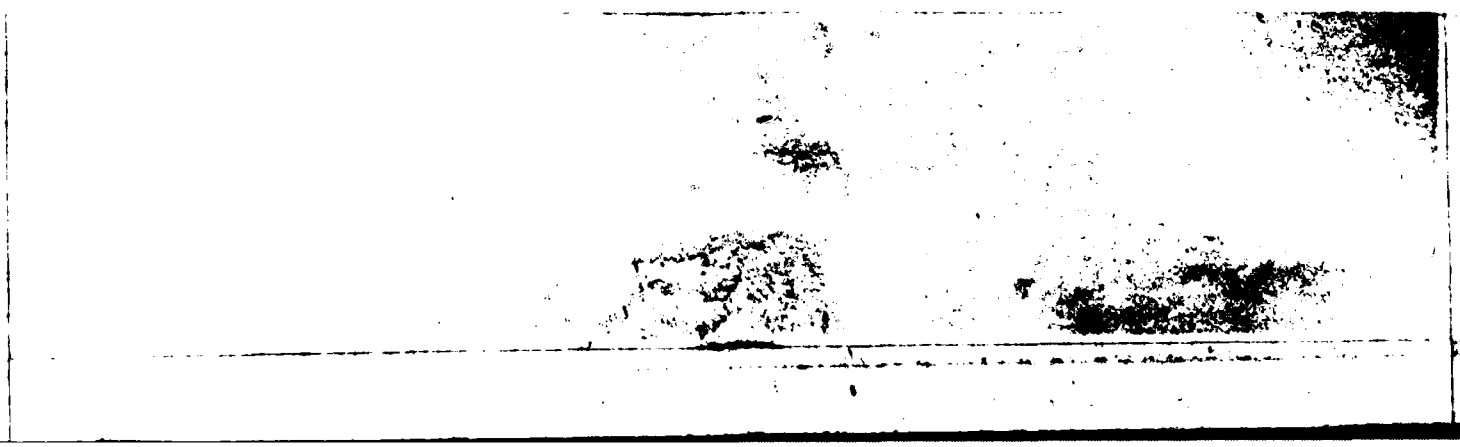
PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

111 (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH) ALL (HOUR)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		100.0								2	.1
82 TO 86		83.3	16.7							6	.2
77 TO 81		73.3	26.7							15	.6
72 TO 76	6.1	36.7	22.4		4.1	6.1	14.3	10.2		49	2.0
67 TO 71	4.5	20.0	25.5	3.6	12.7	4.5	19.1	7.3	2.7	110	4.4
62 TO 66	3.0	13.7	14.3	2.4	13.4	12.5	22.3	13.1	5.2	328	13.2
57 TO 61	7.8	13.2	10.1	6.9	12.6	5.0	23.7	10.7	10.1	477	19.3
52 TO 56	15.2	21.4	9.9	3.7	5.3	3.1	7.1	12.1	22.2	546	22.0
47 TO 51	22.9	31.8	8.7	2.1	1.7	.7	1.9	4.7	25.5	424	17.1
42 TO 46	32.6	27.7	11.0	.6	.9	.6	.6	4.3	21.9	347	14.0
37 TO 41	33.3	30.1	13.1	.7				1.3	21.6	153	6.2
32 TO 36	21.1	36.8	10.5					5.3	26.3	19	.8
27 TO 31								100.0		1	.0
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	16.3	22.9	11.7	3.1	6.4	3.8	10.6	8.6	16.6	2477	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

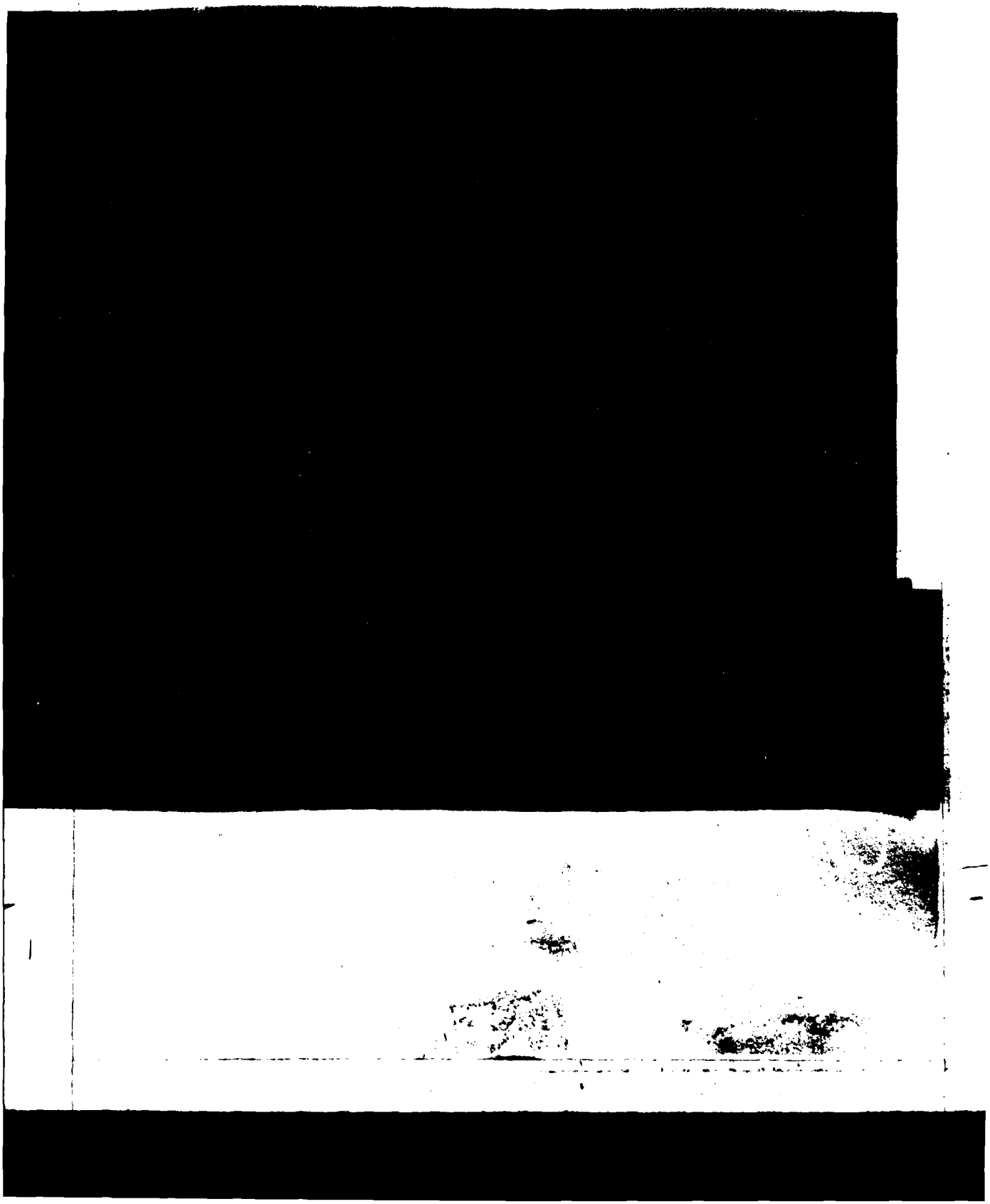
[illegible] (STATION) POINT MUGU, CALIFORNIA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (MONTH) ALL (HOUR)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		33.3	66.7							3	.0
92 TO 96		33.3	33.3		22.2	11.1				9	.0
87 TO 91		35.5	16.1		9.7	9.7	25.8	3.2		31	.1
82 TO 86	1.9	27.8	11.1	2.8	6.5	7.4	32.4	9.3	.9	108	.4
77 TO 81	1.5	21.2	12.3	1.9	5.6	8.5	35.8	11.9	1.2	267	.9
72 TO 76	1.6	7.2	5.5	1.0	8.7	12.7	52.1	9.7	1.5	1352	4.6
67 TO 71	2.4	4.6	3.8	1.9	10.1	12.6	47.7	12.1	4.9	3339	11.4
62 TO 66	6.0	6.0	3.9	3.5	9.6	9.1	30.4	16.7	14.9	6427	22.0
57 TO 61	8.3	10.0	4.7	4.7	8.4	5.8	20.6	14.8	22.6	7320	25.1
52 TO 56	12.2	15.3	7.1	3.2	5.0	3.1	12.6	13.6	27.7	5309	18.2
47 TO 51	22.1	27.0	9.0	1.3	1.0	.5	3.6	8.8	26.9	2924	10.0
42 TO 46	31.1	32.3	8.6	.3	.4	.2	.9	3.5	22.7	1587	5.4
37 TO 41	36.9	32.8	10.7	.4				1.9	17.3	469	1.6
32 TO 36	44.8	31.0	8.6					1.7	13.8	58	.2
27 TO 31	50.0							50.0		2	.0
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	10.6	12.9	5.6	3.0	6.9	6.2	22.9	12.9	18.9	29198	100.0

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NOCD, Federal Building
Asheville, N. C.

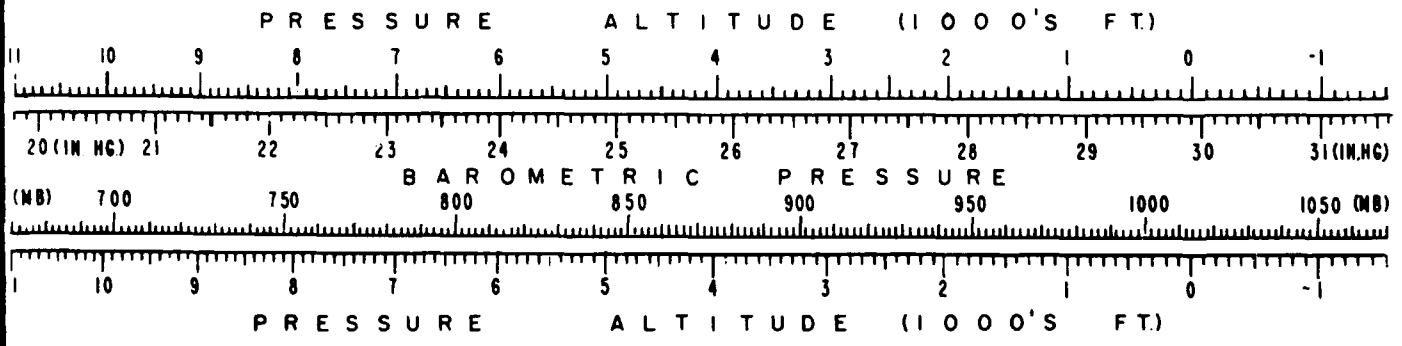
PART F PRESSURE SUMMARY

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.



F

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

[illegible] [illegible], CALIFORNIA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1017.7	1017.8	1015.[illegible]	1015.6	1013.6	1012.7	1013.0	1013.0	1012.5	1015.0	1016.8	1018.1	1015.1
	S. D.	4.183	4.165	4.146	2.783	2.339	2.339	2.017	2.260	2.473	2.455	3.609	3.796	3.747
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	1017.5	1017.3	1015.1	1015.2	1013.2	1012.6	1013.0	1012.8	1012.2	1014.6	1016.5	1017.9	1014.9
	S. D.	4.147	4.268	4.192	2.779	2.393	2.311	2.024	2.296	2.415	2.468	3.648	3.669	3.734
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	1018.0	1018.0	1016.1	1016.2	1014.2	1013.6	1014.0	1013.8	1013.2	1015.6	1017.3	1018.5	1015.7
	S. D.	4.193	4.295	4.261	2.777	2.456	2.329	2.044	2.309	2.460	2.540	3.720	3.691	3.678
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	1019.3	1019.1	1016.9	1016.9	1014.7	1014.1	1014.5	1014.4	1013.9	1016.3	1018.2	1019.7	1016.5
	S. D.	4.176	4.188	4.272	2.788	2.443	2.307	2.053	2.321	2.527	2.506	3.774	3.667	3.709
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	1017.3	1017.7	1016.0	1016.3	1014.4	1013.8	1014.1	1013.8	1013.0	1014.9	1016.4	1017.7	1015.5
	S. D.	4.074	4.073	4.152	2.794	2.419	2.339	2.047	2.312	2.576	2.445	3.732	3.677	3.721
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
	MEAN	1016.[illegible]	1016.8	1014.9	1015.0	1013.2	1012.8	1012.9	1012.5	1011.7	1014.1	1015.8	1017.1	1014.5
	S. D.	4.049	4.137	4.106	2.833	2.356	2.355	2.028	2.334	2.539	2.477	3.725	3.717	3.613
	TOTAL OBS	310	282	310	300	310	299	310	310	300	309	300	309	3649
	MEAN	1017.4	1017.3	1015.2	1014.9	1013.1	1012.4	1012.5	1012.2	1011.7	1014.5	1016.3	1017.7	1014.6
	S. D.	4.135	4.168	4.072	2.787	2.345	2.375	2.035	2.331	2.586	2.557	3.730	3.689	3.791
	TOTAL OBS	310	282	310	300	310	299	309	310	300	310	300	309	3649
	MEAN	1018.1	1017.8	1016.0	1015.8	1013.9	1013.1	1013.2	1013.0	1012.5	1015.1	1016.9	1018.3	1015.3
	S. D.	4.121	4.240	3.978	2.783	2.317	2.377	2.027	2.280	2.506	2.485	3.716	3.641	3.746
	TOTAL OBS	310	282	310	300	310	298	309	310	300	310	300	309	3648
ALL HOURS	MEAN	1017.8	1017.7	1015.[illegible]	1015.7	1013.8	1013.1	1013.4	1013.2	1012.6	1015.0	1016.8	1018.1	1015.2
	S. D.	4.176	4.231	4.154	2.860	2.446	2.408	2.136	2.406	2.599	2.567	3.760	3.744	3.754
	TOTAL OBS	2418	2256	2483	2400	2480	2391	2478	2480	2400	2479	2400	2477	29201

5707 MEANS AND STANDARD DEVIATIONS JAN 68

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]	POINT MUGU, CALIFORNIA	73-[illegible]2

RS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]0.045	30.048	29.989	29.983	29.922	29.898	29.906	29.903	29.889	29.963	[illegible].018	30.056	29.966
	S. D.	.1[illegible]2	.123	.123	.083	.070	.070	.060	.066	.074	.073	.107	.109	.111
	TOTAL OBS	31[illegible]	2[illegible]2	31[illegible]	3[illegible]0	310	299	310	310	300	310	300	310	3651
	MEAN	[illegible].037	30.034	29.968	29.969	29.911	29.893	29.904	29.899	29.881	29.954	30.009	30.050	29.959
	S. D.	.124	.126	.124	.083	.071	.069	.060	.066	.072	.073	.108	.106	.110
	TOTAL OBS	310	282	310	300	310	299	310	31[illegible]	300	310	300	310	3651
	MEAN	[illegible].052	30.053	29.995	30.001	29.940	29.922	29.934	29.930	29.912	29.980	30.032	30.068	29.985
	S. D.	.1[illegible]2	.127	.126	.082	.073	.070	.060	.069	.073	.075	.110	.109	.109
	TOTAL OBS	310	2[illegible]2	310	3[illegible]0	310	299	31[illegible]	310	300	310	300	310	3651
	MEAN	[illegible].021	30.044	30.021	30.019	29.956	29.938	29.949	29.946	29.931	30.002	30.057	30.103	30.008
	S. D.	.1[illegible]2	.124	.126	.082	.073	.069	.061	.069	.075	.075	.111	.109	.112
	TOTAL OBS	31[illegible]	2[illegible]2	31[illegible]	300	310	299	310	310	300	310	300	310	3651
	MEAN	[illegible].033	30.045	29.995	30.001	29.945	29.930	29.938	29.933	29.904	29.962	[illegible].006	30.044	29.978
	S. D.	.1[illegible]0	.121	.123	.083	.072	.070	.060	.069	.076	.073	.110	.108	.114
	TOTAL OBS	31[illegible]	2[illegible]2	31[illegible]	300	310	299	310	310	300	310	300	310	3651
	MEAN	[illegible].013	30.018	29.962	29.964	29.913	29.899	29.902	29.892	29.869	29.939	29.988	30.027	29.949
	S. D.	.1[illegible]1	.122	.121	.084	.070	.069	.060	.069	.076	.074	.110	.110	.107
	TOTAL OBS	31[illegible]	2[illegible]2	31[illegible]	300	310	299	310	310	300	309	300	309	3649
	MEAN	[illegible].036	30.030	29.969	29.962	29.908	29.889	29.889	29.882	29.868	29.948	30.004	30.044	29.952
	S. D.	.1[illegible]2	.123	.119	.083	.069	.071	.060	.070	.077	.076	.110	.109	.112
	TOTAL OBS	310	2[illegible]2	31[illegible]	300	310	299	310	310	300	310	300	309	3651
	MEAN	[illegible].055	30.047	29.993	29.987	29.932	29.908	29.911	29.904	29.891	29.967	30.021	30.063	29.973
	S. D.	.1[illegible]2	.125	.117	.082	.069	.070	.060	.069	.074	.074	.110	.107	.111
	TOTAL OBS	310	2[illegible]2	31[illegible]	300	310	298	310	309	300	310	300	309	3648
ALL HOURS	MEAN	[illegible].046	30.045	29.986	29.986	29.926	29.91[illegible]	29.917	29.911	29.893	29.964	[illegible].017	30.057	29.971
	S. D.	.123	.125	.124	.085	.073	.072	.064	.072	.077	.076	.111	.111	.111
	TOTAL OBS	24[illegible]	2356	24[illegible]	24[illegible]	2480	2391	2480	2479	2400	2479	2400	2477	29202

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