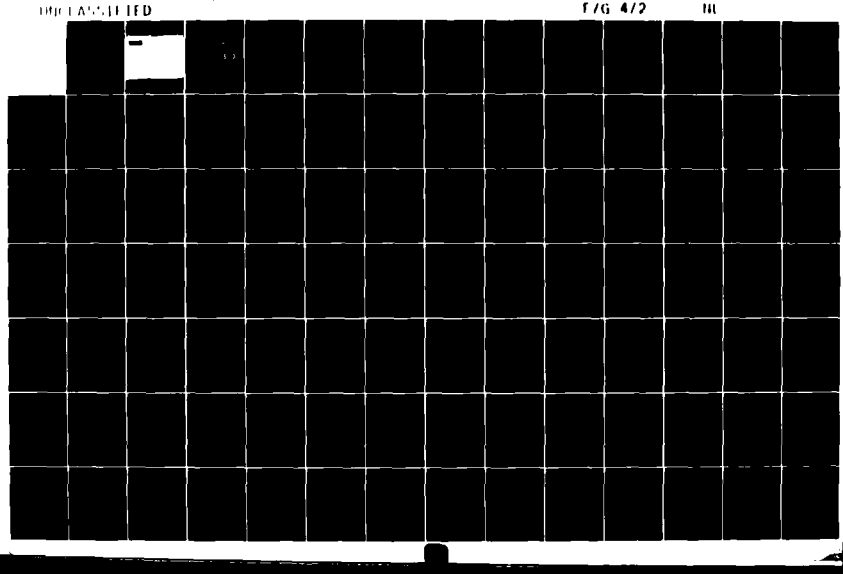
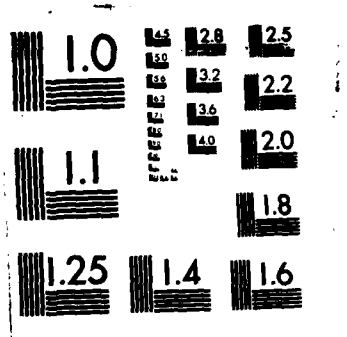
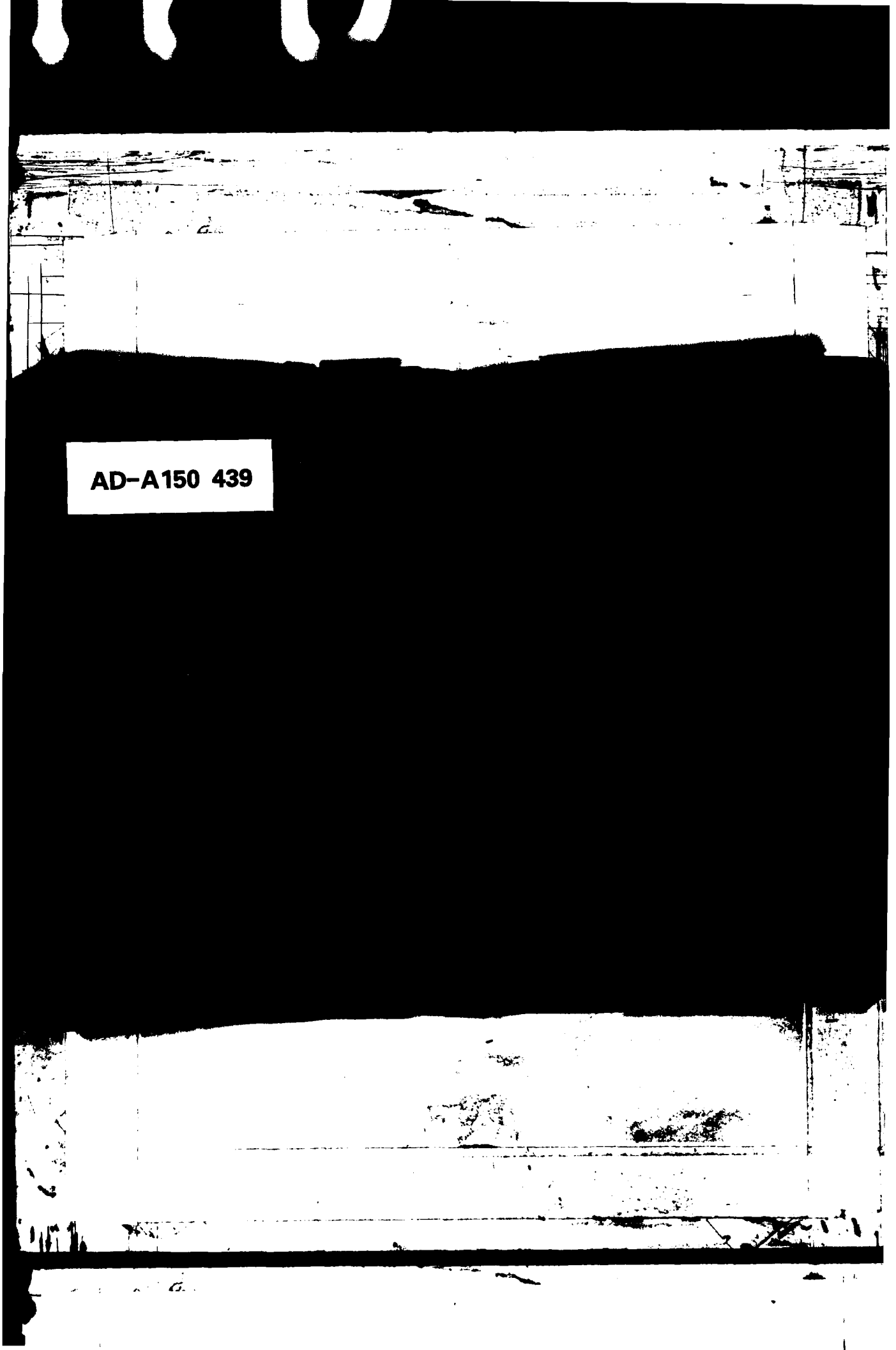
AD A150 439 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
LEMOORE CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

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MICROCOPY RESOLUTION TEST CHART
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SMOS, Lemoore, Ca.
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO. AD-A150439	3. RECIPIENT'S CATALOG NUMBER
4. TITLE *(and Subtitle)* Summary of Meteorological Observations, Surface (SMOS) Lemoore, CA		5. TYPE OF REPORT & PERIOD COVERED Reference Report 1973-1982
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) NA		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Oceanography Command Detachment Federal Building Asheville, NC 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Commanding Officer Naval Oceanography Command Facility NSTL, MS 39529-5002		12. REPORT DATE August 1984
		13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS*(if different from Controlling Office)*		15. SECURITY CLASS. *(of this report)* Unclassified
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT *(of this Report)*

Approved for public release; distribution unlimited.

17. DISTRIBUTION STATEMENT *(of the abstract entered in Block 20, if different from Report)*

18. SUPPLEMENTARY NOTES

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

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

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

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

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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

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

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT.)	CALL SIGN	WMO NUMBER
23110	Lemoore, California	36°20'N	119°57'W	237	KNLC	74702

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.	Weather Service Office	Navy	1961	1966	36°20'N	119°57'W	237	Mercurial	24
2.	Replacement installed	"	1966	1975	"	"	"	"	"
3.	Removed 1975	"	-	-	-	-	-	-	-
1a.	Weather Service Office	"	1961		36°20'N	119°57'W	240	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	1961	500' west of midpoint, runway 32L/14R	AN/UMQ-5	RD-108	14'	1. Barograph (marine) 2. Auto met. station (AN/GMQ-29) 3. Cloud height set (AN/GMQ-13C) 4. Theodolite (ML 474) 5. Transmissometer (AN/GMQ-10C) 6. Wind measuring set (AN/PMQ-3C) 7. CC TV Briefing System 8. Thermoscreen (ML/41)

NOCD Federal Building
Asheville, N. C.

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

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

PART A ATMOSPHERIC PHENOMENA

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

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

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

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

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

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

4

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	61-7	[illegible]

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	ATL	.[illegible]	35.[illegible]		.[illegible]	.[illegible]	36.8	7[illegible].[illegible]	59.9	.2		[illegible].1	[illegible]
[illegible]		.4	[illegible]2.1		.[illegible]	.2	[illegible]2.1	61.6	59.1			7[illegible].9	[illegible]
[illegible]		.[illegible]	23.3			.1	23.3	24.4	[illegible] .3			[illegible]7.6	[illegible]
[illegible]		.[illegible]	19.[illegible]			.[illegible]	19.[illegible]	[illegible].3	7.[illegible]		.[illegible]	11.[illegible]	[illegible]
[illegible]		.1	.[illegible]			.[illegible]	[illegible].5	.2	4.[illegible]			6.	[illegible]
[illegible]		.[illegible]	4.[illegible]				4.[illegible]	.[illegible]	[illegible].4			[illegible].6	4
JUL		.[illegible]	[illegible].1				[illegible].1	.3	4.2			[illegible].2	[illegible]
[illegible]		.[illegible]	[illegible].4				[illegible].4	.[illegible]	4.[illegible]			[illegible].2	[illegible]
[illegible]		.1	[illegible].1			.2	[illegible].1	3.1	1 .[illegible]		.2	17.[illegible]	[illegible]
[illegible]		.	11.[illegible]				[illegible]1.[illegible]	12.[illegible]	46.4		.2	4[illegible].[illegible]	[illegible]
[illegible]		.4	[illegible]6.3			.2	[illegible].3	[illegible] .[illegible]	[illegible]6.[illegible]			77.2	[illegible]
DEC		.	[illegible]3.3	.2	.3	.[illegible]	[illegible]3.3	77.7	61.7		.3	[illegible]6.1	[illegible]
TOTALS		.[illegible]	17.4	.[illegible]	.1	.3	17.4	2[illegible].5	30.[illegible]	.0	.1	3[illegible].	6743

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WEATHER CONDITIONS

1477 2096-64321

22212 — STATION
LEMOORE, CA — STATION NAME
73-82 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		7.4				7.4	54.2	16.8			64.5	71
	04	.3	10.6				10.6	56.8	13.5			64.8	71
	07		11.3				11.3	62.6	14.2			68.4	71
	10		9.4				9.4	57.1	71.9			69.7	71
	13		5.5				5.5	29.4	38.1			61.3	71
	16		5.5				5.5	20.6	44.8		.7	57.7	71
	19		5.5				5.5	29.4	36.5			56.5	71
	22		7.7				7.7	43.2	27.1			59.4	71
TOTALS		.0	7.2				7.2	44.2	26.6		.2	63.0	2480

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4

WEATHER CONDITIONS

NAVAIR 2006-54321

[illegible] STATION | LEMOORE, CA STATION NAME | 73-82 YEARS | [illegible] 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		7.4				7.4	29.4	18.8			41.5	[illegible]
	04		6.4				6.4	35.7	16.[illegible]			47.9	[illegible]
	07		3.5				3.5	56.4	14.5		.4	61.[illegible]	[illegible]
	10		6.7				6.7	34.4	29.4		.4	55.[illegible]	[illegible]
	13		7.8				7.8	1.3	47.[illegible]		.7	49.6	[illegible]
	16		7.1				7.1	4.3	39.7		.4	43.3	[illegible]
	19		7.1				7.1	9.2	33.3			39.7	[illegible]
	22		6.7				6.7	19.1	24.5			36.7	[illegible]
TOTALS			7.2				7.2	25.2	27.1		.2	47.1	2256

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WEATHER CONDITIONS

2110 LEMOORE, CA 73-82 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		4.2				4.2	4.8	5.5			7.2	731
	04		6.6				6.6	13.2	5.5			16.4	731
	07		7.7				7.7	29.7	13.6			35.5	731
	10		4.5				4.5	7.4	19.4		.3	24.1	731
	13		7.1				7.1	1.3	16.5		1.3	19.4	731
	16	.3	8.1				8.1	.3	12.9		1.3	14.2	731
	19		7.1				7.1	1.6	8.7			9.6	731
	22	.3	8.1				8.1	1.6	4.9			5.5	731
TOTALS		.1	6.7				6.7	7.4	10.5		.3	16.7	2860

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4

WEATHER CONDITIONS

[illegible] LEMOORE, CA 73-82 [illegible]
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]		3.[illegible]				[illegible]	2.[illegible]	1.3			2.7	[illegible]
	[illegible]		4.[illegible]				4.[illegible]	2.7	1.[illegible]			3.[illegible]	[illegible]
	[illegible]		2.7				2.7	[illegible]	4.[illegible]			7.3	[illegible]
	10		3.7				3.7	.7	3.3			4.[illegible]	[illegible]
	1[illegible]	.3	2.7				2.7	.3	3.[illegible]		.7	4.[illegible]	[illegible]
	1[illegible]		3.3				3.3	.7	2.7		.[illegible]	3.7	[illegible]
	19		2.[illegible]				2.[illegible]	.7	1.3		.7	2.7	[illegible]
	22		2.[illegible]				2.[illegible]	1.3	1.3		.3	2.7	[illegible]
TOTALS		.[illegible]	2.9				2.9	1.8	2.2		.3	3.8	2400

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4

WEATHER CONDITIONS

NAVMET 2096-84321

STATION _____ STATION NAME _____ YEARS _____ MONTH 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		1.3				1.3						310
	04		.6				.6	.6				.6	310
	07		1.3				1.3	.3	.3			.6	310
	10		.7				.3		.6		1.0	1.6	310
	13		1.3				1.3		.3		1.6	1.9	310
	16		.6				.6		.3		1.0	1.3	310
	19	.3	1.3				1.3		.3		.3	.6	310
	22	.3	1.0				1.0						310
TOTALS		.1	.3				.9	.1	.2		.5	.8	2480

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4

WEATHER CONDITIONS

2011C (STATION) LEMOORE, CA (STATION NAME) 73-92 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01		.7				.7		.7			.7	[illegible]
	04		.7				.7		.7			.7	[illegible]
	07		.7				.3		.7			.7	[illegible]
	10								1.7		.7	2.3	[illegible]
	13								2.7		.3	3.0	[illegible]
	16								4.3		1.0	5.0	[illegible]
	19		.7				.7		1.7		.3	2.3	[illegible]
	22								.7		.3	1.0	[illegible]
TOTALS			.3				.3		1.7		.3	1.9	2400

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4

WEATHER CONDITIONS

3?11? (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01												310
	04	.3	.3				.7	.6	.3			.6	310
	07							.3	.6			.6	310
	10								1.6			1.6	310
	13		.3				.3		1.6			1.6	310
	16		.3				.3		1.6			1.6	310
	19		.3				.3		.3			.3	310
	22												310
TOTALS		.0	.2				.2	.1	.8			.8	2480

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4

WEATHER CONDITIONS

2711C (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01								1.0			1.0	310
	04								1.0			1.0	310
	07		.3				.3	.6	3.9			3.9	310
	10		.3				.3		3.9			3.9	310
	13		.3				.3		4.2			4.2	310
	16		1.3				1.0		4.5			4.5	310
	19	.3							3.5			3.6	310
	22	.6	.0				.6		1.3			1.3	310
TOTALS		.1	.3				.3	.1	2.9			2.9	2480

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4

WEATHER CONDITIONS

23113	LEMOORE, CA	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01	.3	.7				.7	1.7	1.3			2.7	300
	04	.3	1.3				1.3	2.0	1.3			3.0	300
	07	.7	1.3				1.3	2.7	7.3			8.7	300
	10	.3	1.0				1.0	1.3	9.0			10.0	300
	13	.3	1.7				1.7	.7	8.3			9.0	300
	16		.7				.7	.7	5.7		1.0	7.0	300
	19	.3	2.0				2.0	.7	3.0			3.7	300
	22	.3	1.7				1.7	2.0	1.0			2.7	300
TOTALS		.3	1.3				1.3	1.5	4.6		.1	5.9	2400

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WEATHER CONDITIONS

2711L | LEMOORE, CA | 73-92 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		2.3				2.3	1.6	8.7			9.7	310
	04		1.3				1.0	2.6	11.0			12.9	310
	07		1.3				1.3	3.9	25.8			27.1	310
	10		1.0				1.6	.6	31.6		.3	31.9	310
	13		1.0				1.0		33.9		.3	34.2	310
	16	.3	.3				.3	1.0	28.7		.6	29.7	310
	19	.3	1.3				1.3	1.0	12.6		.3	13.5	310
	22		1.0				1.0	.6	10.3			10.6	310
TOTALS		.1	1.2				1.2	1.9	20.3		.2	21.2	2480

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WEATHER CONDITIONS

2111 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		2.7				2.7	22.7	38.0			51.0	300
	04		4.3				4.3	31.7	33.3			53.3	300
	07		4.7				4.7	41.7	37.0			64.3	300
	10		3.7				3.7	24.3	45.7			64.7	300
	13		2.7				2.7	9.0	55.3			59.7	300
	16		3.0				3.0	5.7	53.3		.3	56.3	300
	19		4.3				4.3	7.0	49.7			52.7	300
	22		2.0				2.0	14.7	44.3			53.3	300
TOTALS			3.4				3.4	17.7	44.4		.0	56.2	2400

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WEATHER CONDITIONS

23110	LEMOORE, CA	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		6.1				6.1	50.3	36.1		1.0	73.9	310
	04		6.8				6.8	58.7	31.3		.6	75.9	310
	07		8.7				6.7	67.4	25.6		.3	79.0	310
	10		6.9				6.9	54.5	33.5		.3	76.5	310
	13		5.8				5.8	38.4	54.2		.6	72.9	310
	16		3.2				3.2	1.7	56.6		.3	69.6	310
	19		5.5				5.5	39.4	52.6		.3	70.2	310
	22		4.2				4.2	41.4	43.2		.6	71.5	310
TOTALS			5.9				5.9	45.7	41.9		.5	73.6	2477

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WEATHER CONDITIONS

23110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	7.9				7.9	44.2	26.6		.0	67.0	2460
FEB			7.2				7.2	35.2	27.1		.2	47.1	2254
MAR		.1	6.7				6.7	7.4	18.5		.3	16.7	2481
APR		.0	2.9				2.9	1.8	2.2		.3	3.6	2411
MAY		.1	.9				.9	.1	.2		.5	.8	2481
JUN			.3				.3		1.7		.3	1.9	2412
JUL		.0	.2				.2	.1	.8			.8	2484
AUG		.1	.3				.3	.1	2.9			2.9	2481
SEP		.3	1.3				1.3	1.5	4.6		.1	5.9	2410
OCT		.1	1.2				1.2	1.4	20.3		.2	21.2	2481
NOV			3.4				3.4	19.7	44.4		.0	56.8	2403
DEC			5.9				5.9	43.7	41.9		.5	73.6	2477
TOTALS		.1	3.2				3.2	12.1	15.3		.2	24.5	29213

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4431-84321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.6	1.9	.6						28.6	5.2	31.2			40.5
NNE	3.4	5.1							18.6	8.5	27.1			45.6
NE	5.9	2.9							41.2	8.8	23.5			23.5
ENE	13.9							2.8	36.1	8.3	36.1			19.4
E	5.5	.9	2.8						40.4	11.9	29.4			23.9
ESE	6.6	1.2	1.2						42.2	10.2	23.5			26.5
SE	7.7	2.4	3.4						38.0	10.1	24.0		.5	30.3
SSE	8.1	3.8	1.9						32.1	9.1	18.7			35.9
S	7.2	2.6	1.3						27.5	6.5	22.9			41.2
SSW	7.3	1.8	1.8						33.3	10.5	21.1			35.1
SW	2.3	7.0	2.3						27.9	16.3	11.6			44.2
WSW		8.6	1.7						17.2	3.4	31.0			44.8
W		.8							20.3	16.3	29.3			43.1
WNW	2.2		1.1						24.4	10.0	28.9			46.7
NW	5.3	1.9	1.3						28.3	5.7	22.6			47.8
NNW	2.1	1.0	1.6						20.3	5.2	29.2			51.6
VARIABLE														
CALM	1.7	1.1	2.7						30.8	9.0	30.3			19.2
TOTAL	101	49	45					1	876	219	660		1	831
% TOTAL	4.1	2.0	1.8					.0	35.3	8.8	26.6		.0	33.5

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711[illegible] (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) FEBRUARY (MONTH)

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.[illegible]	1.0	1.5						6.3	4.9	26.3		1.0	62.9
NNE	1.9	3.8							7.7	3.8	44.2			48.1
NE	3.8	3.8							19.2	3.8	34.6			38.5
ENE	6.5		3.2						22.6	12.9	32.3			38.7
E	5.1	2.0							21.2	3.0	37.4			38.4
ESE	6.9	5.2	1.7						25.0	4.3	29.3			37.9
SE	11.[illegible]	4.9	1.2						15.9	6.7	23.8			49.4
SSE	6.4	3.8	.6						23.1	4.5	18.6		1.3	51.9
S	4.[illegible]	6.2	.6						14.7	3.4	25.4		.6	49.2
SSW	1.6	3.2	1.6						23.8	4.8	22.2			52.4
SW	3.3	3.3							13.3	6.7	28.3			51.7
WSW	5.1	1.3	1.3						13.9	11.4	26.6			51.9
W	.[illegible]								21.6	8.6	25.9			51.1
WNW	2.1	2.1							17.0	7.4	31.9			48.9
NW	5.6	.7							7.4	9.6	16.9			64.7
NNW	1.5	1.5	2.0						15.2	3.9	20.6			61.8
VARIABLE														
CALM	2.3	.7	.7						22.3	11.4	31.6			35.4
TOTAL	92	52	19						412	157	607		5	1104
% TOTAL	4.1	2.3	.8						18.3	7.0	26.9		.2	48.9

TOTAL NUMBER OF OBSERVATIONS 2,256

NAVWEASERVCOM

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4431-54321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MARCH (MONTH)

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	2.0	2.0							3.4		9.5		1.0	83.1
NNE	1.4	1.4							4.1		20.3			77.5
NE	4.2										12.5			83.3
ENE		6.3							3.1		12.5			78.1
E	4.8	4.8							10.7	1.2	14.3			69.0
ESE	9.1	2.3							5.7	1.1	14.8			72.7
SE	9.4	4.7							7.9	3.1	8.7			68.5
SSE	8.7	6.5							3.6	3.6	6.5			73.2
S	4.6	6.6							5.3	2.0	7.9		.7	76.3
SSW	8.3	3.3							1.7	5.0	5.0			78.3
SW	1.6	6.3							3.1	3.1	6.3			79.7
WSW	7.2	2.4						1.2	4.8		14.5		1.2	78.3
W	6.1	1.4							5.4	.7	7.4		.7	81.1
WNW		.6						.6	5.5	3.0	11.0			82.9
NW	2.9	3.8							4.2	2.9	8.4			78.6
NNW	1.4	1.7	.3						3.2	1.7	8.1		.6	83.9
VARIABLE														
CALM	2.2	1.9							7.2	6.6	15.7			78.2
TOTAL	92	73	1					2	122	62	260		8	1924
% TOTAL	3.7	2.9	.0					.1	4.9	2.5	10.5		.3	77.6

TOTAL NUMBER OF OBSERVATIONS 2,490

NAVWEASERVCOM

4431-54321

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

27116 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) APRIL (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	
N	.4	.4						.2	.2	.4	1.3		.7	96.7
NNE		1.1									5.4			93.5
NE		2.4									7.3			90.2
ENE	3.3													96.7
E	3.9	2.0							3.9		5.9			88.2
ESE	12.8								2.6		7.7			76.9
SE	6.7	6.5							17.4		6.5			69.6
SSE	5.1	3.6							7.3		1.8			81.2
S	4.6	4.9							3.7		3.7			92.7
SSW	3.9									2.0	3.9			92.2
SW	1.9										3.8			94.3
WSW	1.2	1.2							1.2		1.2			96.3
W	1.1	1.2							1.2	1.8	2.4			92.9
WNW	1.9								.6		.6			97.4
NW	.3	2.1								.3	.6		.3	96.5
NNW	.2	.6							.8	.4	1.7		.4	96.7
VARIABLE														
CALM	.3	.3	.3						1.1	.3	1.7			93.5
TOTAL	41	28	1					1	33	10	54		6	2252
% TOTAL	1.7	1.2	.0					.0	1.4	.4	2.3		.3	93.8

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4431-54321

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (MONTH)

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	.3	.3									.3		.5	98.6
NNE	1.1										1.1			97.9
NE		2.3						2.3						95.3
ENE											3.1			96.9
E	2.9													97.1
ESE														100.0
SE		6.7								6.7			6.7	80.0
SSE		9.1												90.9
S														100.0
SSW														100.0
SW		3.0												97.0
WSW														100.0
W	.3	.9						.9						97.3
WNW										1.1				98.9
NW	.7	.2											.7	98.3
NNW	.2	.8									.2		.8	98.1
VARIABLE														
CALM											.9			99.1
TOTAL	9	13						2		3	6		12	2435
% TOTAL	.4	.5						.1		.1	.2		.5	98.2

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711: (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JUNE (MONTH)

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										1.6		.2	97.8
NNE		.8									2.3			96.9
NE											4.2			95.8
ENE		3.6									7.1			85.7
E											2.9			97.1
ESE														100.0
SE														100.0
SSE		14.3												85.7
S		9.1												90.9
SSW														100.0
SW														100.0
WSW														100.0
W											3.7			96.3
WNW											2.2			97.8
NW											.5		.9	98.2
NNW											.9		.3	98.6
VARIABLE														
CALM														100.0
TOTAL	1	4									33		7	23*8
% TOTAL	.1	.2									1.4		.3	97.8

TOTAL NUMBER OF OBSERVATIONS 2,400

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4431-84321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JULY (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N											.6			99.4
NNE											.9			99.1
NE											2.1			97.9
ENE														96.4
E		3.1												93.8
ESE														100.0
SE														100.0
SSE		20.0												80.0
S														100.0
SSW														100.0
SW														100.0
WSW														100.0
W		.9						.8			.8			98.4
WNW										.4	1.1			98.9
NW											.4			99.4
NNW									.2		.5			99.4
VARIABLE														
CALM		1.1							1.1		1.1			96.7
TOTAL		4						1	2	1	15			2456
% TOTAL		.2						.0	.1	.0	.6			99.1

TOTAL NUMBER OF OBSERVATIONS 2,480

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2311? (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1992 (YEARS) AUGUST (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.2	.4						.2			1.3			97.0
NNE											2.7			96.4
NE											10.4			87.5
ENE											3.2			96.8
E											9.1			86.4
ESE											18.8			75.0
SE										6.3	18.8			62.5
SSE														66.7
S														100.0
SSW														100.0
SW														95.5
WSW											1.7			98.3
W											1.8			98.2
WNW											1.9			97.7
NW		.6						.2	.2		1.9			96.7
NNW	.4							.2			.2			98.5
VARIABLE														
CALM											2.2			97.8
TOTAL	3	5						3	1	1	46			2401
% TOTAL	.1	.2						.1	.0	.0	1.9			96.8

TOTAL NUMBER OF OBSERVATIONS 2,480

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4431-84321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711[illegible] (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (MONTH)

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	.3	.3							.5		6.6		.3	92.4
NNE	1.9								1.9		5.6			91.6
NE	2.7	2.7						2.7	5.4		10.8			81.1
ENE											5.1			92.3
E									1.8		5.3			93.0
ESE	3.4	3.4						3.4	10.3		10.3			79.3
SE	3.4								7.7					92.3
SSE	11.8	5.9							5.9		5.9			76.5
S	2.5								7.5					92.5
SSW		2.8												97.2
SW	2.4									2.4				95.2
WSW											1.7		1.7	98.3
W	1.0	1.0						1.0	.5	.5	4.1			93.8
WNW	.4	.8						.4	.8	.4	2.5			95.9
NW	.5	.2						.2	.7	.2	2.7			96.3
NNW	.2	.5						.5	.2	.2	4.7			94.1
VARIABLE														
CALM		.4							2.6	.4	6.0			91.0
TOTAL	16	15						8	29	6	106		2	2244
% TOTAL	.7	.6						.3	1.2	.3	4.4		.1	93.5

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4431-84321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH)

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		.3						.6	.6	.6	18.9			79.3
NNE											23.2			75.8
NE											25.0			75.0
ENE											27.9			72.1
E										1.5	29.2			70.8
ESE	6.7	2.0							4.1		34.7			57.1
SE	3.9	2.0							3.9	2.0	25.5			44.7
SSE	1.9								1.9	1.9	25.0			73.1
S		1.4							2.7		6.8			87.7
SSW		2.8									5.6			91.7
SW										1.6	14.1			84.4
WSW									1.0		8.7			91.3
W	.5	.5	.5								11.9			86.7
WNW	.5	.5								.5	18.9			79.5
NW		.7							1.4	1.1	19.7		.4	76.5
NNW	.3	1.3							1.0		20.6		1.0	76.8
VARIABLE														
CALM	.6	.6							.4	1.3	25.1			72.2
TOTAL	13	16	1					2	19	16	496		4	1929
% TOTAL	.5	.6	.0					.1	.8	.6	20.0		.2	77.8

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

23114 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (MONTH)

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							11.6	.5	41.5			48.3
NNE	1.2	1.2							12.3		55.6			35.9
NE			2.8						19.4	2.8	50.0			36.1
ENE			5.6						11.1		44.4			44.4
E	5.5	1.1	1.1						25.3	3.3	45.1			28.6
ESE	5.1	4.0							34.3	6.1	43.4			23.2
SE	4.2	1.7							18.6	4.2	30.5			50.9
SSE	2.6	.9							21.1	3.7	40.4			40.4
S	4.3	5.3							16.0	2.1	31.9			53.2
SSW	4.1								14.3	2.0	34.7			53.1
SW		4.5							15.9	2.3	34.1			56.8
WSW	1.2	2.3							15.1	2.3	39.5			52.3
W	.7	.7							10.9	2.2	40.6			55.6
WNW	1.3	1.0							14.4	3.8	43.3			46.2
NW	.5	1.5							13.4	2.0	39.3			50.2
NNW	2.7	.5	.9						10.5	3.7	39.7		.5	47.9
VARIABLE														
CALM	.4	1.2	.5						20.3	2.8	33.6			29.9
TOTAL	38	35	9						409	64	1061		1	993
% TOTAL	1.6	1.5	.4						17.0	2.7	44.2		.0	41.4

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2711 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.6		2.5						25.3	2.5	40.7			28.9
NNE	1.8		3.6						34.5	1.8	38.2			29.1
NE			3.3						36.7	3.3	53.3			26.7
ENE	6.7		10.0						30.0	3.3	43.3			26.7
E	2.6	1.7	4.3						41.7	1.7	49.6			13.9
ESE	9.2	2.3	3.5						43.9	2.3	42.8		.6	15.6
SE	5.6	2.3	1.2						43.9	5.3	39.2			21.1
SSE	4.0	2.7	2.0						50.7	1.3	30.7		1.3	22.7
S	3.4	4.1	1.4						46.9	3.4	30.6		2.0	22.4
SSW	4.4		2.2						40.0	6.7	53.3			25.0
SW	3.7								25.9	9.3	42.6			37.0
WSW	1.9	1.9	3.7						35.2		53.7			25.9
W	2.6	2.6	.9						31.0	6.0	52.6			25.9
WNW		1.1							27.0	9.0	41.6			36.0
NW		.6	1.3						27.2	1.9	28.5			48.1
NNW	.6	2.4	3.0						25.1	3.6	34.1			44.3
VARIABLE														
CALM	.7	.5	2.0						35.3	7.6	36.9			14.2
TOTAL	58	34	54						965	119	1038		6	604
% TOTAL	2.3	1.4	2.2						39.0	4.8	41.9		.2	24.4

TOTAL NUMBER OF OBSERVATIONS 2,477

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

27117 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (MONTH)

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	[illegible]
N	.4	.6	.2					.1	3.1	.6	9.1		.1	86.8
NNE	.3	.8	.2						4.6	.8	15.1			79.7
NE	1.1	1.1	.4					.4	8.4	1.3	17.6			73.[illegible]
ENE	2.5	.8	1.5					.3	6.6	2.0	18.7			69.7
E	3.3	1.5	1.1						18.6	2.9	26.0			53.5
ESE	7.2	2.5	1.2					.1	27.2	4.1	28.3		.1	40.7
SE	7.1	3.1	1.1						23.3	5.5	23.1		.2	47.4
SSE	5.1	3.7	.9						23.3	4.2	19.9		.4	49.7
S	4.2	4.2	.5						16.8	2.6	17.5		.5	59.9
SSW	3.4	1.5	.6						12.6	3.6	15.6			69.1
SW	1.6	2.3	.2						8.1	3.9	14.1			74.5
WSW	1.6	1.5	.5					.1	7.4	1.6	15.8		.3	77.1
W	1.2	.8	.1					.2	6.7	2.7	14.0		.1	78.4
WNW	.[illegible]	.4	.0					.1	4.4	1.9	10.4			85.[illegible]
NW	.3	.8	.1					.1	3.8	1.1	7.5		.2	87.2
NNW	.6	.6	.3					.1	3.2	.8	7.7		.3	88.[illegible]
VARIABLE														
CALM	1.1	.8	.9						21.0	5.2	38.0			87.[illegible]
TOTAL	465	328	130					20	2868	658	4382		52	21521
% TOTAL	1.6	1.1	.4					.1	9.8	2.3	15.0		.2	73.7

TOTAL NUMBER OF OBSERVATIONS 29,213

NAVWEASERVCOM

NOCD. Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] | L[illegible], CA | 61-[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]	12.4	5.2	[illegible].2	7.2	5.5	3.7	1.1	.5					24.4	651	1.29	5.34	[illegible]
FEB	6.[illegible]	7.[illegible]	4.4	5.6	4.4	3.9	3.[illegible]	1.9	.[illegible]					25.[illegible]	593	1.38	4.44	.[illegible]
MAR	[illegible].7	5.8	1.7	2.5	3.7	6.6	3.5	1.8						19.[illegible]	651	1.24	3.41	TRACE
APR	[illegible].[illegible]	[illegible].5	1.[illegible]	3.5	1.0	3.2	2.[illegible]	.6						12.[illegible]	630	.59	2.32	[illegible]
MAY	.[illegible]	4.[illegible]	.8	1.5	1.1	.9	.[illegible]	.2						5.4	651	.22	1.27	.[illegible]
JUN	[illegible].[illegible]	3.[illegible]		1.1	.[illegible]	.[illegible]	.[illegible]							2.1	630	.07	.[illegible]	.[illegible]
JUL	[illegible].[illegible]	1.[illegible]	.5	.2	.[illegible]	.[illegible]								1.2	651	.02	.21	.[illegible]0
AUG	[illegible].[illegible]	1.[illegible]	.1	.7	.1	.1								1.7	652	.[illegible]2	.[illegible]4	.[illegible]0
SEP	[illegible].[illegible]	2.[illegible]	.5	1.4	.[illegible]	.6	.[illegible]	.5	.[illegible]					3.	660	.26	2.54	.[illegible]0
OCT	5.	[illegible].4	1.[illegible]	2.3	.[illegible]	1.6	1.[illegible]	.3						7.[illegible]	682	.34	1.72	.[illegible]0
NOV	[illegible].[illegible]	7.[illegible]	2.[illegible]	5.3	2.4	5.[illegible]	2.3	1.4						18.[illegible]	660	.89	2.72	.[illegible]0
DEC	[illegible].7	11.[illegible]	5.7	5.7	[illegible].8	4.5	1.2	1.8						22.[illegible]	651	.93	3.67	.[illegible]0
ANNUAL	[illegible].[illegible]	5.[illegible]	[illegible].1	3.9	1.[illegible]	2.9	1.6	.8	.1					12.1	7772	7.25		

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4

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] [illegible], CA [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]				[illegible]								[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]													[illegible]	[illegible]	TRACE	[illegible]
MAR	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
APR	[illegible]		[illegible]											[illegible]	[illegible]	[illegible]	TRACE	[illegible]
MAY	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
JUN	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
AUG	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
OCT	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
NOV	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]													[illegible]	[illegible]	TRACE	[illegible]
ANNUAL	[illegible]	[illegible]	[illegible]			[illegible]								[illegible]	[illegible]	[illegible]		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(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			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																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

2211 | L[illegible], GA | 41-80
STATION | STATION NAME | YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
1													
2	.21	1.09	.35	.00	.03	.00	.00						1.
3	.51	1.23	.35	.33	.54	.00	.00						
4	.53	.23	.21	.23	.06	.03	.00	.14	.00	.45	.33	.1	
5	.20	.13	.49	.36	.11	.33	.33	.21	.00	.04	.21	.4	
6	.35	.37	.10	.00	.25	.17	.11		.02	.00	.25	.7	
7	.43	.04	.41	.29	.25	.37	.00						
8	.21	.23	.56	.51	.13	.00	.00				.43	.6	
9	1.30	1.43	.21	.43	.05	.26	.15						1.
10	.33				.00	.00	.00						
11	.13			.62	.41		.00				.11	.41	
12				.12		.04	.01		.04	.02	.66		
13	1.03	.76	.21	.04	.00	.00	.00			.69	.19	.2	1.
14	.91		.37	.11	.00	.00	.00		.00	.27	.03		
15		.41	.43	.32	.00	.00				.33			
16			.23	.31	.00	.04	.01	.14	1.32	.43	.43	.43	1.
17													
18		1.70	.86	.74	.00	.00	.00		1.09	.00	.14	.2	1.
19	.43		.72	.00	.00					.11	.30		
20	.54	1.43	.40	.11	.14	.00	.07				.17	.1	1.
21	.34	.13	.89	.29	.37	.00	.00	.00	.00	.29	.23	.1	
22	.23	.21	.74	.52	.00	.13		.00	.89	.46	.39		
MEAN	.47		.43	.25	.13		.02	.02	.15	.20	.32	.3	
S.D.	.303	.529	.266	.230	.173	.102	.041	.025	.353	.237	.220	.257	.217
TOTAL OBS.	651	613	651	630	651	630	651	662	662	662	651	651	7747

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible], [illegible] | 61-82
STATION | STATION NAME | YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]							.50 17						PRECIP DAYS
67												.[illegible] 70	PRECIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible], CA | 61-82
STATION | STATION NAME | YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
61													
62	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
64	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
66	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
67	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
68	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
69	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
70	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
71	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
72	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
73	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
74	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
75	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
76	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
77	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
78	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
79	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
80	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
81	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
82	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
MEAN	.14	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
S.D.	.727	.000	.065	.022	.000	.000	.000	.000	.000	.000	.000	.000	.737
TOTAL OBS.	651	653	651	630	651	630	651	682	660	682	660	651	7702

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

[redacted] LIVERMORE, CA 61-97
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
71							1.7*						SNOWFALL DAYS
67												.7*	SNOWFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] / STATION | [illegible], CA / STATION NAME | 61-77 / YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
1													
2													
3													
4													
5													
6													
7													
8													
9													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
MEAN	.2	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1
S.D.	.873	.300	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.894
TOTAL OBS.	651	593	651	633	651	630	651	682	660	682	660	651	7792

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

2711 | LEMOORE, CA | 61-82
STATION | STATION NAME | YEARS

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
71							17						SNW DPTH DAYS
77												[illegible]	SNW DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] / STATION
L[illegible], [illegible] / STATION NAME
1 62-1983 / YEARS

JANUARY / MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	1	1985			
2	[illegible]	13	1977			
3	[illegible]	3	1991			
4	[illegible]	12	1974	-	T	1968
5	[illegible]	5	1978			
6	[illegible]	11	1974			
7	[illegible]	25	1974			
8	[illegible]	14	1973			
9	[illegible]	6	1978			
10	[illegible]	15	1987			
11	[illegible]	17	1985			
12	[illegible]	5	1985			
13	[illegible]	25	1969			
14	[illegible]	-	1977			
15	[illegible]	5	1977			
16	[illegible]	22	1978			
17	[illegible]	12	1988			
18	[illegible]	25	1973			
19	[illegible]	33	1969			
20	[illegible]	11	1969			
21	[illegible]	13	1964	-	T	1987*
22	[illegible]	21	1983	3.3	84	1962
23	[illegible]	7	1969			
24	[illegible]	11	1967			
25	[illegible]	24	1969			
26	[illegible]	7	1983			
27	[illegible]	19	1983			
28	[illegible]	51	1983			
29	[illegible]	5	1981			
30	[illegible]	11	1963	-	T	1969
31	[illegible]	13	1963			
Monthly	[illegible]	51	1983	3.3	84	1962

[illegible] / MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.12	3	1986			
2	0.12	3	1975			
3	0.04	1	1978			
4	0.20	5	1966			
5	0.44	11	1976			
6	0.46	12	1978			
7	0.57	14	1978			
8	0.39	10	1979			
9	1.70	43	1978			
10	1.06	27	1962			
11	0.76	19	1973			
12	0.82	21	1983			
13	0.53	13	1979			
14	0.14	4	1977			
15	0.23	6	1980			
16	1.42	36	1980			
17	0.27	7	1983			
18	0.37	9	1969			
19	0.48	12	1980			
20	0.83	21	1979			
21	0.12	3	1969			
22	0.08	2	1979			
23	0.25	6	1969			
24	1.40	36	1969			
25	0.13	13	1983			
26	0.17	4	1987	T	-	1987
27	0.28	7	1973			
28	0.56	15	1973			
29	0.02	1	1976			
30						
31						
Monthly	1.70	43	1978	T	-	1987

* 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

[illegible] STATION | L[illegible], CA STATION NAME | 1[illegible]-1983 YEARS

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	11	1983			
2	[illegible]	10	1980			
3	[illegible]	11	1978			
4	[illegible]	23	1981			
5	[illegible]	12	1975			
6	[illegible]	10	1980	0.3	[illegible]	[illegible]
7	[illegible]	14	1968			
8	[illegible]	9	1975			
9	[illegible]	3	1978			
10	[illegible]	5	1969			
11	[illegible]	10	1982			
12	[illegible]	4	1970			
13	[illegible]	12	1968			
14	[illegible]	7	1982			
15	[illegible]	2	1981			
16	[illegible]	21	1977			
17	[illegible]	3	1982			
18	[illegible]	13	1970	[illegible]	T	1982
19	[illegible]	19	1981			
20	[illegible]	8	1977			
21	[illegible]	7	1981			
22	[illegible]	9	1962			
23	[illegible]	10	1983			
24	[illegible]	17	1983	[illegible]	T	1983
25	[illegible]	6	1980			
26	[illegible]	5	1979			
27	[illegible]	18	1979			
28	[illegible]	10	1963			
29	[illegible]	7	1982			
30	[illegible]	11	1973			
31	[illegible]	19	1982			
Monthly	[illegible]	23	1981	[illegible]	[illegible]	[illegible]

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	13	1965			
2	[illegible]	5	1960			
3	[illegible]	T	1976			
4	[illegible]	[illegible]	1978			
5	[illegible]	12	1969			
6	[illegible]	19	1973			
7	[illegible]	9	1963			
8	[illegible]	[illegible]	1965			
9	[illegible]	9	1965			
10	[illegible]	13	1969			
11	[illegible]	6	1982			
12	[illegible]	3	1976			
13	[illegible]	7	1976			
14	[illegible]	17	1971			
15	[illegible]	9	1978			
16	[illegible]	1	1963			
17	[illegible]	4	1971			
18	[illegible]	7	1981			
19	[illegible]	5	1981			
20	[illegible]	7	1963			
21	[illegible]	5	1967			
22	[illegible]	1	196[illegible]			
23	[illegible]	3	1967			
24	[illegible]	[illegible]	1978			
25	[illegible]	13	1977			
26	[illegible]	1	1971			
27	[illegible]	1	1983			
28	[illegible]	7	1983	[illegible]	[illegible]	[illegible]
29	[illegible]	1	1983			
30	[illegible]	1	1983			
31						
Monthly	[illegible]	19	1978	[illegible]	[illegible]	[illegible]

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

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] | [illegible] | 1960-1983
STATION | STATION NAME | YEARS

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]		[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]		[illegible]			
14	[illegible]		[illegible]			
15						
16	[illegible]	[illegible]	[illegible]			
17						
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21						
22						
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29						
30	[illegible]	[illegible]	[illegible]			
31						
Monthly	[illegible]	[illegible]	[illegible]			

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2						
3						
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14						
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18						
19						
20						
21						
22						
23						
24						
25						
26	[illegible]	[illegible]	[illegible]			
27						
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31						
Monthly	[illegible]	[illegible]	[illegible]			

* 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

[illegible] | L[illegible], [illegible] | 1 61-1[illegible]3
STATION | STATION NAME | YEARS

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	2	19[illegible]			
2						
3						
4	T	T	1977			
5						
6						
7						
8	T	T	1969			
9						
10						
11						
12	.11	4	1969			
13	.07	2	1969			
14						
15	.01		1976			
16						
17	T	T	1971			
18						
19						
20						
21	T	T	1979			
22	.01		1976			
23						
24						
25	T	T	1978			
26	T	T	1964			
27						
28	T	T	1979			
29	.01		1972			
30	.11	3	1966			
31	T	T	1974			
Monthly	.11	4	1969			

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3	T	T	19[illegible]			
4	T	T	19[illegible]			
5	0.04	2	1973			
6						
7	0.02	1	1963			
8	T	T	19[illegible]			
9						
10	T	T	19[illegible]			
11	0.01		1965			
12	0.02	1	1969			
13						
14	0.02	1	19[illegible]			
15	0.02	1	1976			
16						
17	T	T	1977			
18	0.03	1	1975			
19	0.27	7	1983			
20						
21						
22						
23						
24	T	T	1971			
25						
26						
27	T	T	1982			
28						
29						
30	0.13	3	1983			
31	0.14	4	1964			
Monthly	0.27	7	1983			

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

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] 11 — STATION
[illegible] — STATION NAME
[illegible] — YEARS
[illegible] — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12						
13						
14	[illegible]	[illegible]	[illegible]			
15						
16	[illegible]	[illegible]	[illegible]			
17						
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27						
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31						
Monthly	[illegible]	[illegible]	[illegible]			

[illegible] — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

* 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

[illegible] 119 | L MOORE, [illegible] | 1 61-19[illegible]2
STATION | STATION NAME | YEARS

[illegible]
MONTH

[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	.[illegible]	[illegible]	19[illegible]3			
2	.1[illegible]	4	1968			
3	.[illegible]	[illegible]	1969			
4	.[illegible]6	17	1972			
5	.2[illegible]	7	1960			
6	.[illegible]	6	1966			
7	.[illegible]2	11	1972			
8	.0[illegible]	2	1983			
9	.[illegible]	1[illegible]	1982			
10	.72	[illegible]	1954			
11	.2[illegible]	7	1972			
12	.[illegible]	11	1976			
13	.2	6	1981			
14	.[illegible]	15	1972			
15	.[illegible]	24	1968*			
16	.[illegible]	21	1945			
17	.[illegible]1	5	1983			
18	.3[illegible]	[illegible]	1952			
19	.[illegible]	24	1967			
20	.[illegible]	23	1961			
21	.[illegible]	14	1978			
22	.[illegible]	13	1965			
23	.2	7	1965			
24	.1	4	1953			
25	.[illegible]	14	1977			
26	.[illegible]	1	1981			
27	.[illegible]2	5	1961			
28	.[illegible]	5	1981			
29	.[illegible]	[illegible]	1973			
30	.1	4	1952*			
31						
Monthly	.[illegible]	24	1967			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible].0	1	1961			
2	0. 2	16	1[illegible]			
3	0. [illegible]	22	1974			
4	[illegible].1[illegible]	5	1965			
5	0. 4	14	1964			
6	0. [illegible]3	10	1966			
7	[illegible].11	3	1[illegible]7			
8	0.[illegible]	2	1969			
9	0. [illegible]5	14	1987			
10	0.0[illegible]	1	1971			
11	[illegible].1[illegible]	4	1965			
12	0.2[illegible]	6	1964			
13	0.1[illegible]	4	1977	T		.6[illegible]
14	0. 2	16	1[illegible]8			
15	0.0[illegible]	2	1977			
16	0.[illegible]	5	1[illegible]9			
17	[illegible]. 0	20	1977			
18	0.[illegible]1	10	1977			
19	0.1[illegible]	4	1969			
20	0.1[illegible]	3	1[illegible]7	T	T	1[illegible]8
21	0. [illegible]0	5	1[illegible]77			
22	0.[illegible]	15	1[illegible]9			
23	0.8[illegible]	23	1977			
24	0.[illegible]0	13	1[illegible]9			
25	0.1[illegible]	4	1[illegible]7			
26	0.1[illegible]	4	1964			
27	0. 3	21	1977			
28	0.[illegible]4	16	1977			
29	0.4[illegible]	11	1965			
30	0.[illegible]3	11	1976			
31	0.1[illegible]	5	1[illegible]76			
Monthly	[illegible].8	23	1977	T	T	1[illegible]8

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

DIRNAVOCEANMET–SMOS

NOCD, Federal Building
Asheville, N. C.

PART C SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

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

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

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

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71	34	34	36	36	36	36	34	26	34	34	36	33	41
72	35	33	33	33	35	35	33	31	33	31	33	32	41
73	32	31	34	34	35	38	32	34	34	34	35	32	41
74	33	35	34	31	24	29	33	32	36	32	26	35	24	35	19	36	36	33	36	37
75	33	34	33	32	33	49	36	35	36	36	28	32	24	34	23	31	18	32	38	38
76	31	21	27	31	33	34	32	37	33	29	33	31	22	33	23	31	23	30	24	31	21	24	37	37
77	17	30	34	31	37	33	33	27	35	35	26	35	23	33	25	33	23	36	25	34	25	17	37	37
78	17	23	15	27	13	34	33	27	33	40	35	24	33	22	31	22	34	26	31	29	34	27	21	40	31	40
79	35	37	34	24	14	29	34	32	39	33	33	28	33	21	01	21	25	26	15	46	29	24	31	37	13	46
80	32	27	27	27	34	39	34	39	36	40	31	19	31	29	12	35	33	27	27	33	33	30	14	27	36	40
81	17	39	33	46	32	28	34	28	33	37	33	35	34	32	06	11	33	28	15	29	22	32	34	27	23	46
82	32	27	34	27	19	31	27	29	24	24	30	24	01	22	35	17	34	34	33	29	29	45	24	34	29	45
MEAN	29.8	30.4	32.2	30.9	30.8	28.3	24.8	27.2	25.1	30.5	28.3	26.6		28.6
S.D.	4.583	5.422	5.209	5.167	4.947	4.954	5.048	4.337	4.335	5.921	5.312	7.041		5.277
TOTAL OBS.	651	593	651	630	627	630	620	682	658	649	630	641		7575

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WIND
FROM DAILY OBSERVATIONS

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

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible] 1							[illegible] 17						[illegible] DAYS
[illegible] 2											[illegible] 2		[illegible] DAYS
[illegible]					[illegible] 25								[illegible] DAYS
[illegible]							[illegible] 24 25						[illegible] DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

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

TOTAL NUMBER OF OBSERVATIONS _____

4

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] LIVERMORE, CA STATION NAME [illegible] YEARS JAN MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.4	.4	.1								3.5	4.7
NNE	1.1											1.1	2.5
NE	.4		.1									.6	4.5
ENE	.3	.4										1.0	4.2
E	1.4	1.3	.4									3.1	4.1
ESE	1.4	3.5	2.1	.3								7.2	5.9
SE	2.2	1.9	1.4	.3								5.8	3.8
SSE	1.4	3.0	1.7	1.1								6.1	5.9
S	3.2	1.4	.7									5.2	3.5
SSW	1.1	1.1	.1									2.4	4.1
SW	1.4	.3										1.7	2.6
WSW	.4	2.3										2.8	3.7
W	3.1	1.4	.6									5.1	3.4
WNW	2.4	1.0										3.5	2.8
NW	3.3	2.0	2.7	1.0								8.4	6.1
NNW	1.4	1.7	1.3	.3								4.5	5.7
VARBL													
CALM												10.4	
	32.4	20.5	11.0	2.2								100.1	3.2

TOTAL NUMBER OF OBSERVATIONS 312

*U.S. GPO 1984 741 348: 201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2133 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JAN (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	3.2	.6	.4									4.6	3.3
NNE	.6	.4										1.1	3.6
NE	.5	.2										1.0	2.7
ENE	.4	.2										1.0	3.3
E	1.0	1.0										2.4	3.9
ESE	1.3	4.2	.4	.8								6.8	5.4
SE	2.7	3.8	1.9	.8								8.7	5.6
SSE	1.9	2.8	2.3	1.0								8.1	6.0
S	2.6	2.8	1.0									6.1	4.8
SSW	1.2	.8										2.5	2.6
SW	1.4		.2									1.9	3.7
WSW	.2	.6										1.0	4.3
W	2.6	1.0										3.5	2.7
WNW	1.4	1.3										2.9	3.4
NW	1.9	1.2	1.3	.6								7.1	5.7
NNW	1.2	1.9	1.0	1.0								5.2	6.9
VARBL													
CALM												25.8	
	25.5	25.8	8.7	3.9								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

* U.S. GPO 1984 741 348 / 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 — STATION — LEMOORE, CA — STATION NAME — 71-82 — YEARS — JAN — MONTH

ALL WEATHER — CLASS — 10 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.1	.3								5.5	5.5
NNE	.4	.4	.3									1.6	[illegible]
NE	1.0											1.0	1.7
ENE	.7	1.0										1.7	[illegible]
E	1.3	.6	.3	.3								3.6	[illegible]
ESE	1.3	2.6	1.0									5.0	[illegible]
SE	1.8	2.3	1.0	.6								10.4	[illegible]
SSE	2.3	7.0	3.4	3.2	.3							16.2	[illegible]
S	1.0	1.0	1.6	1.3								4.8	[illegible]
SSW	.3											2.3	[illegible]
SW	1.6		.3									1.9	[illegible]
WSW		.6										.6	[illegible]
W	1.3	.6										1.9	[illegible]
WNW	.3	1.6										2.3	[illegible]
NW	1.0	.3	1.6	.3	.3							3.6	[illegible]
NNW	1.3	2.6	3.0	1.6	1.3	.3						11.0	[illegible]
VARBL													
CALM												29.3	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

#U.S. GPO 1984 741-348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	5.1	3.2	1.6								12.3	5.7
NNE	1.7	1.3	.1									2.9	5.4
NE	2.3	.3										2.6	2.3
ENE	2.3											2.3	1.6
E	2.2	3.6	.6	.3								6.5	4.8
ESE	1.4	1.9	2.3	.6								6.5	5.7
SE	2.1	4.2	1.1	1.3								9.1	6.1
SSE	1.3	1.9	3.9	1.9	.3							9.1	2.3
S	2.3	2.6	.8	1.0	.3							6.2	5.9
SSW	.3			.3								.6	7.5
SW	.3	.3										.6	2.5
WSW	.8	.3	.3	.3								1.6	7.0
W	1.3	.6										1.6	3.0
WNW	.3	.3	1.1									1.9	5.3
NW	1.3	1.3	1.6	1.6								5.7	7.8
NNW	2.3	2.3	3.6	2.6	1.0							11.7	8.4
VARBL													
CALM												17.2	
	27.2	23.3	18.4	11.7	1.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 359

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2711 — LEMOORE, CA — 73-82 — JAN
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	4.1	7.2	.4								13.4	5.6
NNE	1.9	2.0	1.7	.6								6.5	5.3
NE	1.2	1.2	.2									2.6	4.0
ENE	1.2	1.3	.6									3.2	4.4
E	1.2	1.5	1.3									4.5	4.9
ESE	1.4	1.6	1.9									5.6	5.5
SE	.6	2.3	3.6	1.3								7.8	8.0
SSE	1.4	1.9	2.7	.6								6.5	6.3
S	1.2	2.4	.8	.3	.3							4.9	6.6
SSW	1.2	.6		.2								1.9	4.3
SW													
WSW	.6	.3	.2	.3								1.4	5.8
W	1.4	.3		.2								2.1	4.0
WNW	1.4	.6										1.4	3.2
NW	1.4	2.3	1.8	1.6								7.1	6.0
NNW	2.2	3.2	1.4	2.0	.3							10.4	7.6
VARBL													
CALM												0.1	
	22.7	28.5	19.7	8.4	.6							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 338

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 LEMOORE, CA 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 19
CLASS HOUR (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	2.2	2.3	.6									5.0	3.7
NNE	1.2	1.6										2.8	3.4
NE	.6	.7										1.3	3.3
ENE	1.4	.5	.7									1.6	3.6
E	1.2	2.6										4.5	3.5
ESE	3.2	1.6	1.2	1.2								6.2	5.2
SE	2.2	4.2	1.6	.3								9.2	4.8
SSE	2.4	2.3	1.6		.3							7.1	5.3
S	2.6	1.3	1.4									5.2	4.7
SSW	1.4	1.4	1.2									2.9	4.9
SW	.2	.5	.3									1.1	6.0
WSW	1.6	.6										2.3	3.3
W	4.2	1.2		.3								5.5	3.1
WNW	2.6	1.6	.7									4.5	3.8
NW	1.3	3.3	1.6	.3								7.1	5.6
NNW	3.9	2.9	1.6	.3								8.7	4.6
VARBL													
CALM												23.5	
	34.2	27.7	11.5	2.3	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 110

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3211 LIMOGE, PA — STATION NAME — 73-82 — YEARS — JAN — 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	1.0										1.4	4.0
NNE	.6	.5										1.0	2.3
NE	1.0											1.0	2.3
ENE		.2										.2	4.0
E	1.0	1.9										3.0	3.4
ESE	3.0	2.9	1.3	.3								7.7	4.8
SE	1.0	1.9	1.0	.6								4.5	5.9
SSE	1.0	2.6	1.6		.3							5.5	5.5
S	1.0	2.6	1.3	1.3								6.1	6.6
SSW	1.6	1.3	.3	.3								3.9	4.9
SW	1.6	1.3										2.9	3.6
WSW	2.9	1.3	1.3									5.2	4.2
W	1.2	6.4										11.9	3.3
WNW	2.6	4.2		.3								7.4	4.1
NW	1.6	3.5	1.0	.6								6.8	5.3
NNW	1.0	2.6	1.0	.3								4.3	5.5
VARBL													
CALM												24.5	
	22.6	34.5	8.4	3.8	.3							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NSN 7540-01-280-5201 5010-101 STANDARD FORM 1001 (REV. 10-83) PRESCRIBED BY NAVMAT P 9010
GPO 1984 741-348

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] LEMOORE, CA 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	[illegible]	2.1	1.4	.4								4.7	5.0
NNE	1.1	.1	.2	.1								2.4	4.2
NE	1.0	.1	.1									1.4	3.0
ENE	.0	.0	.1									1.5	3.5
E	[illegible]	1.2	.4	.1								4.4	4.1
ESE	2.3	2.4	1.4	.4								6.5	5.1
SE	1.0	3.1	1.4	.6	.1							8.4	5.4
SSE	[illegible]	2.7	2.0	1.0	.2							6.4	6.3
S	[illegible]	2.2	1.1	.5	.1							6.2	5.4
SSW	1.1	.7	.2	.1								2.3	4.0
SW	1.2	.4	.2									1.7	3.5
WSW	1.1	.2	.2	.1	.0							2.7	4.5
W	[illegible]	1.2	.1	.1								4.2	3.3
WNW	1.7	1.7	.2	.0		.0						3.6	4.0
NW	1.4	2.5	1.4	.7	.0							6.4	6.1
NNW	1.2	2.1	1.2	1.1	.3	.0						7.8	7.0
VARBL													
CALM												25.4	
	29.7	36.2	12.2	5.2	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2277

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 LEMOORE, CA 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 01
CLASS HOUR (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.7	.4								3.2	5.6
NNE	.4	.4										.7	2.5
NE	.7	.4										1.1	5.7
ENE	.7											.7	1.5
E	3.4	1.1	.4									5.3	3.8
ESE	1.1	.4	.7	.4								3.5	4.7
SE	1.4	3.9	1.1									6.4	5.0
SSE	2.1	1.5	.7	.7								5.3	5.3
S	.7	.7	2.5	1.1								4.5	5.7
SSW	.7		.4									1.1	4.0
SW	1.1											1.1	2.3
WSW	4.3	.7										5.0	2.5
W	4.0	6.4	.7									11.7	3.8
WNW	2.1	2.5	.4									5.7	3.7
NW	2.5	4.9	1.5									8.9	4.6
NNW	1.5	2.5	1.9	1.4	.4							7.8	7.0
VARBL													
CALM												24.5	
	30.0	26.2	11.5	3.9	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 232

*U.S. GPO 1984 741-348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] [illegible] CA — 73-92 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									5.7	7.3
NNE		1.1										1.1	5.3
NE													
ENE		1.1										1.1	9.0
E	1.1	1.1	[illegible]									3.3	7.4
ESE	[illegible]	[illegible]	[illegible]									5.7	7.7
SE	[illegible]	[illegible]	[illegible]									4.4	6.2
SSE	[illegible]	[illegible]	1.4	[illegible]								7.9	6.9
S	[illegible]	[illegible]	1.6	[illegible]								6.7	5.6
SSW	[illegible]	1.4		[illegible]								6.7	7.6
SW	1.4	1.1										2.5	7.5
WSW	[illegible]	[illegible]										5.7	6.6
W	[illegible]	[illegible]										8.3	7.3
WNW	[illegible]	[illegible]	[illegible]									5.3	7.7
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							5.7	6.5
NNW	[illegible]	[illegible]	1.1	1.8								8.2	6.2
VARBL													
CALM												12.7	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS ALL WEATHER HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	1.1									3.3	4.0
NNE	.4		.4									.7	4.5
NE	1.1											1.1	2.3
ENE	.7		.4									1.1	4.3
E	1.3	2.1										3.3	3.6
ESE	1.8	1.0	.4									3.3	3.9
SE	1.3	3.3	2.5	.7								8.2	[illegible]
SSE	2.1	3.7	1.4									6.7	4.5
S	3.3	2.5	1.1	.4	.4							7.4	5.2
SSW	2.3	1.5	.4									5.0	3.6
SW	2.5	1.4										3.3	3.2
WSW	1.4	.4										1.8	2.6
W	4.5	2.5			.4							6.4	3.6
WNW	2.1	1.4	.4									4.3	3.3
NW	1.1	2.5	.4	.7								4.4	4.0
NNW	1.8	2.5	1.8	1.1								7.8	5.3
VARBL													
CALM												29.4	
	29.8	27.3	9.9	2.8	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 282

* U.S. GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER CLASS

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

TOTAL NUMBER OF OBSERVATIONS [redacted]

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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 (LST) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

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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) 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	1.1	5.0	5.7	3.9	.4	.3						16.4	7.1
NNE	.5	1.4	.7	.7								3.7	5.0
NE	1.0	.7	.4									2.2	3.5
ENE	1.1	.7	.7									2.5	4.4
E	3.0	1.0	1.4	.6								6.1	4.4
ESE	3.1	1.0	3.0									7.2	5.1
SE	1.1	3.0	2.1	2.1								8.9	7.4
SSE	.7	2.0	1.1	.4								4.2	6.1
S	.1	1.1	1.1	1.1								5.3	6.1
SSW	.4	.4		.4								1.1	5.7
SW	.4	.4	.7	.7								2.1	5.3
WSW			.4									.4	10.0
W				.6								.6	14.7
WNW	1.4	.6	.4									2.1	5.7
NW	.7	1.6	.7	.7								3.6	7.1
NNW	1.0	2.0	2.5	1.8	.4							8.9	7.9
VARBL													
CALM												16.1	
	27.2	24.5	21.3	12.4	.7	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 282

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLOUD _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 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												22.7	

TOTAL NUMBER OF OBSERVATIONS 202

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LEMOORE, CA 73-80 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 22
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	.7	.4								2.8	5.6
NNE	.7	.4										1.1	3.7
NE													
ENE	.4											.4	2.5
E	.7	1.1	.7									2.5	4.7
ESE	.4	.7	1.4	.4								2.3	7.6
SE	2.5	2.1	.7	.7								6.0	5.1
SSE	1.1	.7	.7	.4								2.9	5.9
S	2.5	2.5	1.4	.7								7.4	5.6
SSW	1.4	2.1										3.5	3.8
SW	3.2	2.8	.7									7.1	3.5
WSW	3.5	5.2	.4	.4								9.7	4.2
W	6.7	10.2										17.0	3.6
WNW	2.1	5.5	.4									7.8	4.3
NW	.7	1.5	1.8	2.1								6.4	7.8
NNW	1.4	2.8	2.5	.4								6.7	5.8
VARBL													
CALM												16.3	
	33.1	37.9	11.3	5.3								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 282

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER CLASS ALL HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						[redacted]	[redacted]
NNE	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
NE	[redacted]	[redacted]	[redacted]									[redacted]	[redacted]
ENE	[redacted]	[redacted]	[redacted]									[redacted]	[redacted]
E	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
ESE	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
SE	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
SSE	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
S	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]	[redacted]
SSW	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
SW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]	[redacted]
WSW	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
W	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]	[redacted]
WNW	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
NW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]	[redacted]
NNW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						[redacted]	[redacted]
VARBL													
CALM												20.1	
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						100.0	[redacted]

TOTAL NUMBER OF OBSERVATIONS 3255

*U.S. GPO 1984 741 348 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LIVERMORE, CA — 73-82 — MAR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 01

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.6	1.7									6.0	5.1
NNE	.7	.6										1.3	4.0
NE	.6	.6										1.3	4.3
ENE	1.7	1.0										2.7	3.8
E	.6	1.0										1.6	3.2
ESE	2.3	1.9										4.2	3.5
SE	.7	1.3	.3	.4								2.6	7.3
SSE	1.7	1.6	1.7	.7								4.5	5.5
S	1.7	3.2	.6	1.0								5.3	5.9
SSW	1.3	.6	.6									3.2	3.9
SW	1.3	1.6	.3									3.2	4.1
WSW	3.9	1.3	.3	.3								6.5	3.8
W	6.5	4.8	.3									11.6	3.1
WNW	3.2	4.4		.3								8.4	4.7
NW	1.3	4.5	2.3	1.3								9.0	6.5
NNW	4.5	3.2	3.2	1.3			.3					12.6	5.4
VARBL													
CALM												17.7	
	41.0	35.5	10.3	5.2			.3					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER CLASS

CH HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.1	.3								6.1	5.5
NNE	.3	.8										1.0	4.0
NE			.2									.2	7.0
ENE	.2	.3										.6	4.0
E	1.3	1.6	.3									3.1	4.8
ESE	1.2	1.0										2.3	3.0
SE	3.6	3.2	1.0		.2							7.7	4.5
SSE	1.8	1.0	1.6	1.0								4.5	6.5
S	2.2	.6	.3	.6								4.4	4.5
SSW	1.0	.2	.3									1.6	4.0
SW	2.3	1.6	.2									4.2	3.5
WSW	.6	1.3	.3									2.3	4.1
W	5.0	1.6	.2									7.7	2.9
WNW	4.3	3.0	.3	.3								8.0	3.2
NW	1.6	6.1	1.6	.6	.3							10.6	5.6
NNW	2.6	5.5	2.6	1.3			.2					12.3	5.6
VARBL													
CALM												21.3	
	31.0	31.6	16.0	4.2	.6		.2					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 316

*U.S. GPO 1984 741-348/201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LEMOORE, CA (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	1.2	1.0	.6	.6		.3						3.5	5.9
NNE	.3	.6	.3									1.3	4.5
NE		.6										.6	5.5
ENE	.3		.3									.6	5.5
E	1.6	1.0	.6									3.2	3.7
ESE	.3	.6	1.0	.3								2.5	6.4
SE	1.3	2.6	.6		.3							5.6	4.9
SSE	1.6	1.3	.6	.3								3.9	5.3
S	4.2	1.6	.3	.3	.3							6.8	4.9
SSW	1.9	1.3										3.2	3.4
SW	1.3	.3										1.6	3.2
WSW	1.2	.3										1.5	2.5
W	1.5	2.6										4.1	3.2
WNW	4.5	3.2	.3									8.7	3.7
NW	3.2	5.2	3.9	.6								12.9	5.5
NNW	2.9	3.2	2.3	1.6								10.0	6.5
VARBL													
CALM												23.5	
	34.5	26.1	11.0	3.9	.6	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 510

SMOS

#U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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

ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							17.1	6.1
NNE	[redacted]	[redacted]										[redacted]	[redacted]
NE	[redacted]											[redacted]	[redacted]
ENE	[redacted]	[redacted]										[redacted]	[redacted]
E	[redacted]	[redacted]										[redacted]	[redacted]
ESE	[redacted]	[redacted]	[redacted]									[redacted]	[redacted]
SE	[redacted]	[redacted]	[redacted]	[redacted]								[redacted]	[redacted]
SSE	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]	[redacted]
S	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						[redacted]	[redacted]
SSW	[redacted]	[redacted]	[redacted]									[redacted]	[redacted]
SW	[redacted]											[redacted]	[redacted]
WSW	[redacted]	[redacted]	[redacted]									[redacted]	[redacted]
W	[redacted]	[redacted]										[redacted]	[redacted]
WNW	[redacted]	[redacted]	[redacted]			[redacted]						[redacted]	[redacted]
NW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]							[redacted]	[redacted]
NNW	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						21.3	9.1
VARBL													
CALM												8.1	
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]						[redacted]	[redacted]

TOTAL NUMBER OF OBSERVATIONS [redacted] 310

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 LEMOORE, CA 73-87 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 19
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	2.3	3.9	5.4	1.4	1.0	.3						16.3	7.9
NNE	1.3	2.3	.6	.3								5.3	4.9
NE	1.3	1.4										1.9	4.0
ENE		1.3	.3									1.6	5.0
E	1.3	2.4	1.3									4.5	4.9
ESE	2.3	1.6	1.3	.3								5.5	5.4
SE	1.3	.6	1.6	.6	.3							4.5	7.6
SSE	.6	2.4	1.9	1.3								6.5	7.4
S	1.1	3.5	3.2	2.3	.3							10.3	8.0
SSW	.3	1.3		.3								1.9	5.5
SW			1.3	.6	.3							1.9	12.2
WSW	.6		.3									1.0	4.3
W	.6	.3	.3	.3								1.6	5.2
WNW	1.3	1.0	.6									2.5	4.8
NW	1.1	1.6	2.4	.3	.3							5.8	6.5
NNW	2.3	3.5	5.8	3.2	2.9	.6						18.4	10.2
VARBL													
CALM												9.7	
	16.4	27.7	29.0	18.6	8.2	1.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984-741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL HOURS HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 31

*U.S. GPO 1984 /41 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2711 (STATION) LIVERMORE, CA (STATION NAME) 73-91 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 12 (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	6.5	1.3	1.4								10.0	6.1
NNE	1.4	1.9	.3	.3								4.0	4.8
NE	.3											.3	3.0
ENE	.4	.3										1.0	3.3
E	1.5	1.9										3.3	3.6
ESE	1.1	.6	.3	.3								2.4	5.4
SE	1.1	1.3	.6	.3								3.2	5.3
SSE	2.4	1.3	1.3									5.0	8.3
S	1.3	1.6	1.6	.6								4.5	5.6
SSW		1.9	1.6			.3						3.3	3.6
SW	.6	1.9	1.9									3.4	5.4
WSW	.3	.6	.3	.6								1.9	7.7
W	1.0	1.0	1.3									3.2	5.2
WNW	1.6	2.5	.3	.3								4.5	4.5
NW	2.3	7.1	1.9	1.0								12.3	5.6
NNW	5.2	7.8	1.6	1.9	.3							16.8	5.6
VARBL													
CALM												15.4	
	27.1	35.8	13.7	7.1	.3	.3						100.0	4.5

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 _____

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 _____

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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 (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

USCG GPO 1984 741 348/201

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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 (L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

*U.S. GPO 1984 741 348 2011

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	7.7	2.7									4.7	
NNE	.											.	
NE													
ENE	.	.										1.	
E	.											.	
ESE	.	1.										1.	
SE	.	1.7		.7	.7							3.	
SSE	.	.										1.0	
S	.3	1.7	.3	.7								5.	
SSW	.	1.										2.7	
SW	.	1.										2.7	
WSW	.	1.										4.7	
W	.	2.	.7									10.	
WNW	.	6.7	.7									7.7	
NW	.	3.7	2.7	.3	.3							15.7	
NNW	.	3.3	5.7	1.7								10.7	
VARBL													
CALM												17.7	
	3.7	1.	12.7	3.7	.7							100.	

TOTAL NUMBER OF OBSERVATIONS _____

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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 _____

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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 ALL WEATHER HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 360

RUS GPO 1984 741 348 201

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 _____

*U.S. GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LIVERMORE, CA (STATION NAME) 73-82 (YEARS) APR (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	2.7	7.7	11.7	11.7	.7							34.3	8.9
NNE	1.7	3.3	4.0	.7								9.7	6.6
NE	.7	3.3	.7									3.3	5.4
ENE	1.0	1.7	.7									3.3	4.7
E	1.3	1.3	.7									3.3	3.7
ESE		1.7										1.7	5.6
SE	.7	.7	.7									1.7	1.8
SSE		1.7	.7		.3							2.3	8.1
S	.7	2.0	.3									3.0	5.1
SSW	.7	.7	.7									1.3	3.8
SW		.7	.7	.7								2.0	5.0
WSW	.7	.3	.3	1.3	.3							2.7	11.1
W		.3	.7	1.3	.3							2.7	12.4
WNW	.7		.7									1.3	5.8
NW		1.7	2.0	1.0								4.7	7.7
NNW	1.0	2.7	5.7	5.7	2.0	.7						17.3	10.9
VARBL													
CALM												3.7	
	11.3	35.0	29.3	22.3	3.7	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 300

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*U.S. GPO 1984 /41 348 /01

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

CLASS ALL WEATHER HOURS (L.S.T.) 15

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.7	13.7	7.[illegible]		.7							31.7	4.4
NNE	[illegible].3	2.3	.7									5.0	3.8
NE	1.[illegible]	1.3	.7									3.7	3.6
ENE	.7	.7										1.3	4.[illegible]
E	[illegible].3	1.7										4.3	3.[illegible]
ESE	.3											.7	1.5
SE	.[illegible]		.7									.7	4.6
SSE		.7	.3									1.0	5.3
S	1.[illegible]	.3										1.3	2.5
SSW	.3			.7								.7	7.0
SW		.3	1.[illegible]	.7								2.[illegible]	[illegible].3
WSW	.7	1.0	2.3	.3	.7							4.7	9.3
W	1.3	.7	1.[illegible]	.7								3.[illegible]	6.1
WNW	.7	.7	1.[illegible]	.3								2.7	6.5
NW	1.7	4.3	2.3	1.3								10.7	6.3
NNW	[illegible].7	15.[illegible]	4.7	2.[illegible]								24.3	5.7
VARBL													
CALM												3.7	
	31.7	47.7	20.7	5.3	1.0							100.3	4.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 1 1 STATION | L A N C A S T E R , C A STATION NAME | 7 3 - 8 0 YEARS | A P R MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	3.[illegible]	1.7	.7	.3							5.7	6.5
NNE			[illegible]									.7	4.0
NE	.[illegible]											.7	2.0
ENE													
E	.1											.1	2.0
ESE		.7										.7	5.0
SE		.7										.7	4.0
SSE	.1	.3	.3									1.0	5.0
S	1.[illegible]	1.0	.3									2.3	4.3
SSW	1.7	1.[illegible]										2.7	3.8
SW	1.7	1.7	.3	.3								4.3	4.5
WSW	1.7	2.[illegible]	1.7									5.0	4.9
W	4.7	8.[illegible]	1.[illegible]									14.7	4.2
WNW	2.7	15.0	2.3									15.7	5.0
NW	2.[illegible]	11.7	7.0	2.0	.7							23.3	6.4
NNW	.7	6.3	7.[illegible]	1.7								15.7	7.2
VARBL													
CALM												4.7	
	17.3	62.0	21.7	4.3	1.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 3116

SMOS

*U.S. GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH 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	3.4	6.4	4.1	3.2	.2							19.7	7.2
NNE	1.2	1.5	1.0	.2								3.9	6.2
NE	.3	.7	.3	.0								1.7	4.4
ENE	.3	.4	.1									1.2	3.8
E	1.4	.7	.0									2.1	3.1
ESE	.3	.3	.2									1.6	4.0
SE	.4	.5	.5	.2	.0							1.9	5.5
SSE	.6	1.0	.6	.1	.0							2.3	5.6
S	1.5	1.2	.4	.3	.0							3.4	5.0
SSW	.6	.9	.3	.2								2.1	5.0
SW	.1	.5	.3	.3								2.2	5.6
WSW	1.0	1.0	.5	.2	.1							3.8	5.5
W	2.0	2.4	.5	.2	.0							7.0	4.3
WNW	2.1	3.4	.0	.1								6.5	4.5
NW	1.0	6.7	3.0	1.3	.5	.1						14.2	6.8
NNW	1.7	7.5	4.1	3.2	.6	.3	.0					19.7	8.3
VARBL													
CALM												8.0	
	21.5	47.3	21.6	8.5	1.7	.4	.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2400

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 (STATION) LYNCHE, CA (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 21 (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	7.6	11.6	7.6	1.3								23.5	5.5
NNE	.6	1.6										1.6	4.5
NE	1.0											1.0	2.1
ENE	.6											.6	2.5
E	.6											.6	2.5
ESE	1.3											1.3	2.4
SE													
SSE	.3											.3	2.0
S	.6	.6										1.3	4.7
SSW	1.0	.3										1.4	2.9
SW	1.0											1.0	2.3
WSW	1.3	1.6	.3									3.3	4.4
W	1.0	1.6										2.3	3.4
WNW	2.3	2.6	1.0									7.0	3.9
NW	2.3	6.7	6.8	1.3								17.1	6.1
NNW	2.6	11.9	6.6	6.2								27.1	7.0
VARBL													
CALM												10.0	
	30.6	47.6	21.3	8.9								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 316

*U.S. GPO 1984-741-348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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]	3.[illegible]	1.[illegible]	.[illegible]								[illegible].7	[illegible].0
NNE		.[illegible]										.[illegible]	[illegible].[illegible]
NE	.[illegible]	.[illegible]										1.[illegible]	3.3
ENE													
E	.[illegible]											.[illegible]	1.[illegible]
ESE	.[illegible]	.[illegible]										.6	[illegible].[illegible]
SE	.[illegible]	.[illegible]										1.0	3.[illegible]
SSE	.[illegible]											.6	2.[illegible]
S	1.[illegible]	1.5										[illegible].[illegible]	[illegible].1
SSW	1.[illegible]											1.[illegible]	2.[illegible]
SW	[illegible].[illegible]	.[illegible]										[illegible].5	2.[illegible]
WSW	[illegible].[illegible]	1.[illegible]										[illegible].[illegible]	[illegible].1
W	[illegible].[illegible]	7.1										11.6	3.6
WNW	[illegible].7	5.[illegible]	1.[illegible]									[illegible].[illegible]	[illegible].1
NW	[illegible].[illegible]	12.[illegible]	[illegible].[illegible]	.[illegible]								23.[illegible]	[illegible].[illegible]
NNW	[illegible].[illegible]	[illegible].5	7.[illegible]	.[illegible]								18.7	5.7
VARBL													
CALM												[illegible].7	
	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

*U.S. GPO 1984 741 348/201

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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 (LST) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

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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 (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

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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 (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

* U.S. GPO 1984 741-448 201

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

TOTAL NUMBER OF OBSERVATIONS _____

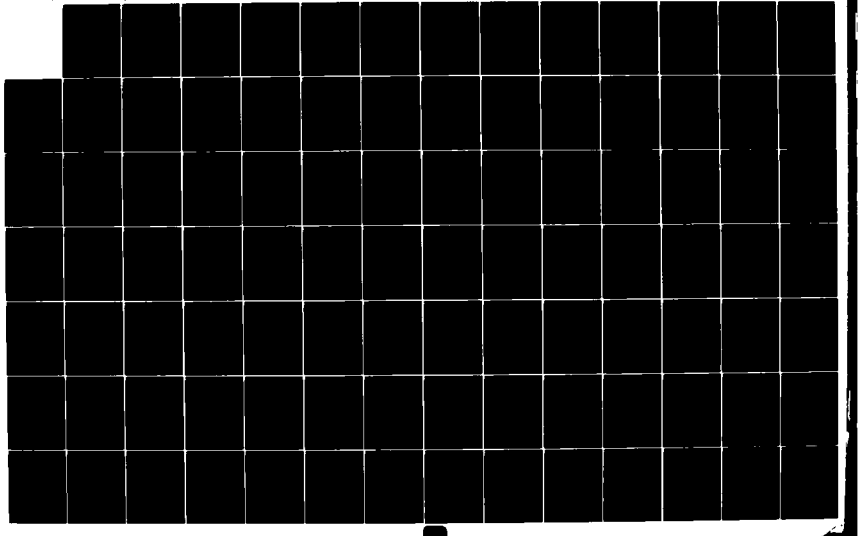
*U.S. GPO 1984 /41 348 /201

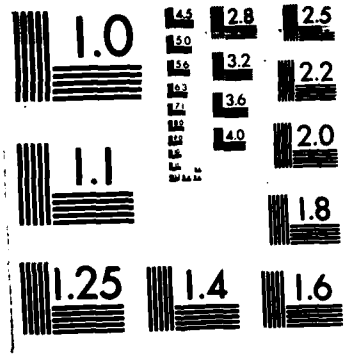
4

SMOS

AD A150 439 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
FEMOORE CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

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)

2711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) MAY (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	2.3	16.7	17.7	6.5	.3							43.5	7.1
NNE	1.3	2.3										3.2	6.2
NE	.6	1.3	.6	.3								2.9	5.6
ENE	.6	.3										1.0	3.3
E	1.6	1.0										1.9	3.5
ESE													
SE		.3		.3								.6	10.0
SSE													
S	.3											.3	3.0
SSW	.6											.6	1.5
SW		.3	1.0									1.3	7.8
WSW	.3	.3	.3	.3								1.3	7.5
W		1.0	.6	.3								1.9	7.3
WNW	.6	.3		.6								1.6	7.8
NW	.3	3.9	1.6	1.3								7.1	7.0
NNW	1.6	13.2	9.7	7.4	.3							32.3	7.8
VARBL													
CALM												.3	
	9.4	42.3	31.6	15.2	.6							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23114 (STATION) L.E.M.O.E., CA (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (COND) 22 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	3.2	1.0	.3							7.8	7.7
NNE		.4										.4	5.5
NE													
ENE													
E		.6										.6	4.5
ESE	.4											.3	2.0
SE	.2	.3										.6	3.5
SSE	.3											.3	3.0
S		.6										.6	4.0
SSW	.3											.3	2.0
SW	.2											.3	2.0
WSW	.3	1.0	.3									1.6	4.4
W	1.2	5.3	.6									8.4	4.3
WNW	1.4	11.3	4.5									17.8	5.3
NW	2.9	14.5	8.4	4.8								30.4	4.7
NNW	.6	10.3	12.9	5.8								29.4	7.8
VARBL													
CALM												1.3	
	10.3	56.5	30.0	11.6	.3							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23114 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.4	6.4	4.3	.4	.0						25.4	7.5
NNE	1.0	1.7	.8	.3								3.8	5.7
NE	.7	.4	.4	.0								1.7	4.9
ENE	.6	.4	.0									1.1	3.3
E	.7	.5	.1	.0								1.4	3.9
ESE	.3	.2	.0									.7	3.3
SE	.3	.3		.0								.6	4.3
SSE	.3	.1	.0	.0								.4	4.4
S	.7	.5	.1									1.3	3.8
SSW	.7	.1	.1									.9	3.0
SW	.7	.4	.2	.0								1.3	4.5
WSW	1.1	.6	.1	.1								2.1	4.1
W	1.7	2.5	.3	.0								4.4	4.2
WNW	1.7	4.0	1.4	.2	.0							7.4	5.0
NW	2.2	7.5	5.3	1.4	.0	.1						16.4	6.5
NNW	2.0	8.1	10.0	5.1	.4	.0						25.4	7.9
VARBL													
CALM												4.5	
	17.5	36.1	28.0	11.4	.9	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2480

NAVAIR 50-1C-534

NSN 0102-LF-045-3400 (U.S. GPO 1984-741-348/201)

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LEMOORE, CA (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CODES) 01 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	8.6	7.3	1.0								19.3	6.1
NNE	1.7	1.0										2.0	3.7
NE	.7	.3										1.0	2.7
ENE	.7	.7										.7	3.5
E	.3	.3										.7	4.0
ESE	.3	.3										.7	3.5
SE													
SSE													
S	.7											.7	2.5
SSW	.3											.3	3.0
SW	.7	.3	.3									1.0	4.3
WSW	1.0		.7									1.3	4.3
W	2.7	1.7										3.7	3.7
WNW	1.7	3.0	.3									5.0	4.2
NW	4.0	11.3	6.3	2.7								24.3	6.4
NNW	2.3	17.0	12.7	3.0	.3							35.3	6.8
VARBL													
CALM												4.0	
	18.0	43.7	29.3	6.7	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984-741-348/201



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23230 LEMOORE, CA 73-82 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 00Z

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	5.2	2.3									9.0	5.2
NNE		.3										.3	5.0
NE		.3										.3	8.0
ENE	.7	.7										1.0	2.7
E	.3											.3	3.0
ESE													
SE		.7										.7	4.0
SSE	.7	.3										1.0	3.0
S	.7	.3										1.0	3.0
SSW	1.0	.7										1.7	3.0
SW	1.7	.3										2.0	2.3
WSW	1.7	1.3										3.0	2.9
W	7.3	3.3										10.7	3.1
WNW	4.0	9.7	1.7									15.3	4.4
NW	5.7	12.3	4.0	.7								22.7	5.0
NNW	7.7	12.0	10.3	1.3								26.3	4.5
VARBL													
CALM												4.7	
	28.0	57.0	18.3	2.0								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

~~21111~~ STATION ~~LEMOORE CA~~ STATION NAME ~~73-82~~ YEARS ~~JUN~~ MONTH

~~ALL WEATHER~~ CODE 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	2.3	5.0	10.0	2.0								19.3	7.3
NNE	1.0	.7										1.7	3.8
NE													
ENE	.3											.3	2.0
E		.3										.3	5.0
ESE	.3											.3	1.0
SE	.7	.3										.7	3.5
SSE													
S	.3											.3	1.0
SSW	.7	1.0										1.7	3.8
SW	.3		.7									1.0	6.3
WSW	.7											.7	2.5
W	1.3	3.0										4.3	3.6
WNW	2.7	4.0	.7									7.3	4.1
NW	1.0	11.0	8.0	1.7								21.7	6.7
NNW	2.7	7.7	15.0	8.3	.7		.3					31.7	8.2
VARBL													
CALM												6.7	
	14.0	33.0	34.3	8.0	.7		.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 10 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	7.7	9.3	3.7	1.0							26.0	7.3
NNE	1.0	3.3	1.0									5.3	6.8
NE	1.3	1.0	.3									2.7	6.5
ENE		.3										.3	8.0
E	2.0	.7										2.7	2.4
ESE	.7		.7									1.3	5.5
SE		1.0										1.0	5.3
SSE													
S													
SSW		.3		.3								.7	8.5
SW	.3											.3	3.0
WSW		.3										.3	5.0
W	3.0	.7	.3									3.0	3.4
WNW	3.3	3.0	.3									7.7	4.1
NW	2.7	6.0	4.3	.3	1.0							14.3	6.7
NNW	2.0	10.7	10.7	5.3	.3	.3						29.3	8.0
VARBL													
CALM												3.0	
	18.7	37.0	29.0	9.7	2.3	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LEMOORE, CA 33-82 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER 17
CODE HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.3	9.7	10.0	4.3	.3							31.7	7.1
NNE	7.3	6.7	3.7									11.3	5.5
NE	1.0	3.7	1.0									5.7	4.7
ENE	1.0	2.0	.3									3.3	3.2
E	1.0	2.3	.7									4.0	4.6
ESE													
SE	.7	.3										1.0	3.0
SSE	.3	.3										.7	3.0
S	.3	.3										.7	3.5
SSW		.3										.3	5.0
SW	.7	.7		.3								1.7	5.4
WSW	2.0	.7	.3		.3							3.3	4.8
W	1.0	.3										1.3	3.0
WNW	1.3	1.3	1.7									4.3	4.4
NW	3.0	3.3	3.0	1.7	.3							10.3	7.0
NNW	2.3	6.0	8.3	1.7	.7							19.0	7.4
VARBL													
CALM												2.3	
	31.0	48.0	28.0	8.0	1.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 100

4

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2311 (STATION) LEMOORE, CA (STATION NAME) 77-82 (YEARS) JUN (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	2.0	7.7	15.0	8.3	1.3							34.3	8.8
NNE	1.3	4.0	8.0	1.0								16.3	6.8
NE	1.0	2.0	2.7	.3								6.0	6.2
ENE	.7	.7	.7									1.3	5.3
E	1.0	.3	1.0									2.3	5.1
ESE													
SE													
SSE		.7	.7									.7	3.5
S		.3										.3	4.0
SSW													
SW	1.0	.3										1.7	2.5
WSW		.3	.7		.3							1.3	9.6
W	.7		.7		.3							1.3	7.5
WNW	.3	1.0	.3		.3							2.0	7.8
NW	.3	1.7	3.0	1.3								6.3	5.3
NNW	3.0	3.7	11.0	5.0	.7	.3						23.7	8.8
VARBL													
CALM												2.7	
	11.0	23.0	43.0	16.0	3.0	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 15 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	21.7	14.7	4.3								43.3	6.7
NNE	.7	3.7	1.3	.7								5.7	6.1
NE		.7	.7									1.0	6.7
ENE	1.3	1.0	.3									2.7	3.9
E		1.3										1.3	5.3
ESE													
SE													
SSE													
S			.7									.3	9.0
SSW			.3									.3	7.0
SW			.3									.3	7.0
WSW			.7	.3								.7	10.0
W	.7	.3	.7	.7								2.3	6.6
WNW		.7	.3									1.3	5.7
NW	.3	3.3	1.3	1.3								6.7	7.0
NNW	3.3	13.3	10.3	6.7	1.3							34.3	7.6
VARBL													
CALM												.3	
	8.7	46.3	30.3	13.7	1.3							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 300

SMO8

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2[illegible] [illegible]. CA — [illegible] — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 23

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.7	1.7	.7								3.7	7.6
NNE			.7		.3							.7	14.0
NE		.3										.7	4.0
ENE													
E													
ESE													
SE	.7											.7	2.0
SSE													
S	.7											.7	3.0
SSW													
SW	.7											.7	2.5
WSW	.7	2.3		.3								3.3	5.5
W	1.7	5.3	.7									7.3	4.4
WNW	2.7	10.3	2.0									15.3	5.0
NW	1.7	14.3	14.3	5.7								36.0	7.4
NNW	.7	10.0	11.7	7.3	.7							30.3	8.5
VARBL													
CALM												1.7	
	6.7	43.3	30.3	14.0	1.0							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER CEILING

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]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE	[illegible]	[illegible]										[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
VARBL													
CALM												3.2	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME 73-82 YEARS JUL 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	1.1	6.1	1.5	.6								10.2	4.2
NNE		.6										.6	6.0
NE		.7	.7									.5	5.0
ENE													
E													
ESE	.1											.1	2.0
SE													
SSE													
S		.5										.6	4.0
SSW	.1											.1	2.0
SW		.1										.1	4.0
WSW	1.0	.2										1.1	3.0
W	1.0	1.3										4.2	2.9
WNW	1.0	2.4	1.0									6.4	4.4
NW	4.2	14.3	10.2	1.6								27.1	6.1
NNW	4.2	13.1	13.9	2.3								34.5	6.2
VARBL													
CALM												6.2	
	23.0	36.1	32.2	4.5								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NOS GPO 1984 741 648 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3711 STATION — LEMOORE, CA STATION NAME — 73-82 YEARS — JUL MONTH

ALL WEATHER CLASS — 04 HOUR (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	.6									4.5	4.5
NNE	.7											.7	2.0
NE													
ENE	.7	.3										.6	3.5
E													
ESE													
SE													
SSE													
S	1.4	.3										1.9	2.8
SSW	1.9	1.0										2.9	2.8
SW	2.6	1.3										3.9	3.1
WSW	3.7	1.4										5.2	3.1
W	5.6	6.1										11.9	3.8
WNW	3.5	11.3	1.3									18.1	4.2
NW	4.2	15.8	3.5	.6								23.2	5.2
NNW	2.9	7.4	5.2	.6								18.1	5.5
VARBL													
CALM												8.7	
	29.4	50.0	10.6	1.3								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JUL (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	1.0	1.0	4.0	.6		.7						8.7	7.8
NNE	.4	.3										1.0	3.3
NE													
ENE	.3											.1	3.0
E		.3										.3	4.3
ESE	.3											.3	2.0
SE		.3										.3	4.0
SSE													
S													
SSW													
SW	1.3	.4										1.9	2.8
WSW	1.0	1.3										2.3	4.1
W	2.3	4.2										6.5	3.9
WNW	4.5	10.6	3.2									18.4	4.7
NW	2.9	16.5	10.0									29.4	5.8
NNW	4.2	11.0	9.7	2.3								27.1	6.2
VARBL													
CALM												3.5	
	18.4	47.1	27.7	2.9		.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAIR U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] LEMOORE, CA 73-82 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 10

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	4.5	13.4	11.7	1.5								31.0	6.0
NNE	1.9	3.2	.6									5.6	4.4
NE	.4	.7										1.0	3.7
ENE	1.0	.3	.3									1.6	4.8
E	1.9		.6									2.6	3.5
ESE													
SE	.3											.3	2.0
SSE		.3										.3	6.0
S												.6	2.5
SSW	.4											.4	4.5
SW	.3		.3										
WSW													
W	.8	.3										1.0	3.3
WNW	1.4	1.9										3.5	3.8
NW	1.0	4.3	1.3									6.8	4.9
NNW	2.4	8.1	4.7	.3								15.2	5.4
VARBL	2.3	9.8	11.0	2.3								28.8	6.9
CALM												3.9	
	21.3	41.3	29.0	4.5								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	10.6	11.0	1.6	.3							27.4	6.4
NNE	1.4	6.3	1.6	.6								10.6	5.3
NE	1.0	.6	.7									1.9	4.2
ENE	1.7	1.6										2.9	3.8
E	.6	1.9	.3									2.9	4.9
ESE	.7	1.0	.3									1.6	4.6
SE	1.0	.3										1.3	2.8
SSE	.3											.3	2.0
S	.6											.6	2.0
SSW	.3	.3										.6	4.0
SW	.3	.6	.3									1.3	5.0
WSW	.6	.3	.3	.3								1.6	5.4
W	2.3	1.9	.3									4.5	3.8
WNW	1.3	5.6	1.3									8.8	5.2
NW	2.9	4.5	3.5	.6								11.6	5.9
NNW	2.6	8.1	5.5	1.6								17.7	6.5
VARBL													
CALM												2.6	
	21.3	46.5	28.8	4.8	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23[illegible] LEMOORE, CA 73-87 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 16

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	1.9	10.6	21.9	6.8	.3							40.6	7.9
NNE	1.9	3.9	6.4	1.2								14.8	7.8
NE	.6	4.2	3.9	.6								9.4	6.6
ENE	.6	1.6	1.0									3.2	5.5
E	.6	1.3	1.6									3.5	6.4
ESE		.3										.3	6.0
SE	.3											.3	7.0
SSE	.3											.3	3.0
S													
SSW													
SW													
WSW				.3								.3	16.0
W		.3	.3									.6	6.5
WNW		1.0	1.0									1.9	6.7
NW		3.2	1.6									4.8	6.2
NNW	1.3	6.1	8.1	3.2								18.7	7.8
VARBL													
CALM												1.0	
	6.6	32.6	46.1	11.2	.3							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984-741-348/201

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2[illegible] LEMOORE, CA 73-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 19
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.5	11.4	13.5	1.4								32.6	6.6
NNE	.3	2.3	.6									3.2	5.3
NE	.4	1.0	1.4									2.6	5.1
ENE	.3											.3	3.0
E	.7	.3		.3								1.0	7.0
ESE	.3											.3	2.0
SE													
SSE		.3		.3								.6	8.5
S	.7											.7	3.0
SSW													
SW	.3		.3									.6	6.0
WSW	.3	.3										.6	3.5
W	.6		.6	.3								1.6	6.8
WNW	2.6	2.9	.6									6.1	3.9
NW	1.9	5.2	3.5	1.0								18.2	5.8
NNW	11.6	12.6	14.8	2.9	.3							35.5	6.7
VARBL													
CALM												.3	
	13.8	37.1	37.1	6.8	.3							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

211 LEMOORE, CA 73-82 JUL

ALL WEATHER 77

SPEED (KNTS) DIR.	1 - 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	1.0	1.1	.3								3.2	7.1
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW	.2	.6	.2									1.1	5.3
WSW	.2	1.6										1.9	4.2
W	3.4	2.5										6.1	3.6
WNW	1.0	11.3	3.2	.3								17.4	5.8
NW	1.6	17.0	14.4	8.7								42.0	7.8
NNW	.3	7.1	10.6	6.1	.3							24.5	8.4
VARBL													
CALM												2.6	
	6.1	43.4	31.6	15.5	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

ALL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	7.2	9.1	1.6	.1	.0						20.5	6.8
NNE	.7	2.1	1.2	.5								4.6	6.1
NE	.4	.8	.7	.1								1.9	5.8
ENE	.5	.5	.2									1.1	4.4
E	.4	.6	.3	.0								1.3	5.2
ESE	.2	.2	.0									.4	3.9
SE	.2	.1										.3	2.7
SSE	.1	.1		.0								.2	5.6
S	.4	.1										.5	2.8
SSW	.4	.2	.0									.6	3.4
SW	.6	.4	.1									1.2	3.8
WSW	.9	.8	.0	.1								1.8	4.0
W	2.3	2.7	.2	.0								5.1	3.7
WNW	2.6	4.3	1.3	.0								10.7	4.7
NW	2.9	10.2	4.5	1.6								21.1	6.1
NNW	2.9	9.6	9.8	2.7	.1							25.1	6.8
VARBL													
CALM												3.6	
	17.9	41.2	29.9	6.7	.2	.0						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2880

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS [illegible] 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	1.4	7.7	1.3	.3								11.0	5.3
NNE	.1											.3	2.0
NE	.2		.1									.6	5.5
ENE													
E	.6											.6	1.5
ESE													
SE	.1											.3	2.0
SSE													
S	.3	.3										.6	3.0
SSW	.3	.3										.6	3.5
SW	1.6	.2										1.7	3.0
WSW	1.3	.3										1.6	2.6
W	3.6	1.2										5.5	3.0
WNW	2.0	5.5	1.0									9.4	4.3
NW	4.5	13.5	6.1	3.3								28.4	5.8
NNW	1.2	17.4	7.4	3.3								30.3	5.9
VARBL													
CALM												9.4	
	22.3	47.4	16.1	6.8								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2-11 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	2.3	.6									4.2	8.6
NNE	.2											.3	2.0
NE		.2										.2	4.0
ENE													
E													
ESE													
SE	.6	.3										1.0	2.7
SSE	.6											.6	2.0
S	1.3		.3									1.6	3.2
SSW	1.5	1.9										3.2	3.8
SW	1.6	.6			.5							2.6	4.5
WSW	5.2	1.9										7.1	2.8
W	5.2	9.0										14.2	3.7
WNW	4.1	9.4	1.9									17.4	4.3
NW	4.5	11.0	5.8	.3								21.6	5.2
NNW	2.4	7.1	2.9									12.4	5.2
VARBL													
CALM												12.6	
	31.3	43.0	11.4	.3	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS [illegible] 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	1.4	2.3	2.4	.3								7.4	5.2
NNE	.2	1.0										1.3	3.5
NE	.3											.7	3.0
ENE													
E													
ESE													
SE	.2	.3										.6	4.0
SSE													
S	1.3	.3										1.6	2.4
SSW	1.0											1.0	2.3
SW	.4											.4	2.0
WSW	2.3	1.3										3.7	3.0
W	8.8	6.1										15.9	3.1
WNW	5.2	10.4	2.3									18.1	4.6
NW	3.1	11.6	8.4									23.5	5.7
NNW	1.0	3.1	7.4	1.6								13.1	6.6
VARBL													
CALM												8.8	
	27.1	41.6	21.0	1.9								100.0	4.3

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)

[illegible] [illegible], CA — 73-82 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 10

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]	11.3	3.7	2.3	.3							10.3	6.2
NNE	.6	2.2	.6									4.5	4.7
NE	.6	1.3										1.9	4.1
ENE	.3	.3										1.0	2.7
E	.3	.6	.3									1.3	4.3
ESE	.3											.3	2.3
SE		.3										.3	4.0
SSE													
S	1.3											1.3	2.3
SSW		.6	.6									1.3	5.3
SW	.3											.3	2.0
WSW	1.3	.3										1.3	3.3
W	2.3	.6	.6									3.3	3.6
WNW	1.0	4.5	2.6	.3								8.4	5.6
NW	1.3	7.4	7.4	.3								16.5	6.3
NNW	3.6	11.3	8.1	1.9								22.9	6.3
VARBL													
CALM												5.3	
	17.1	42.3	29.3	4.8	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 312

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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 (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

RUS GPO 1984 741 348 201

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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 (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 110

USCOMM-NOAA-NWS-TDL-48 (REV. 1-84) GPO 741-348/201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (LST) 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	.0	14.2	7.4	.6								27.1	5.5
NNE	.6	1.0	.5									1.9	4.5
NE	.3	.3										.6	3.5
ENE		.6										.6	6.0
E	.6											.6	1.5
ESE	.3		.6									1.3	5.0
SE		.3										.3	5.0
SSE													
S	.3											.3	3.0
SSW			.3									.3	7.0
SW	.3											.3	2.0
WSW													
W	.3	1.0	1.0									2.3	5.7
WNW	.3	6.8	.6									7.7	4.5
NW	.6	18.6	2.3	.3								21.9	4.6
NNW	2.1	18.7	6.5	1.3	.3							32.9	5.3
VARBL													
CALM												1.6	
	7.1	65.6	18.1	2.5	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 — STATION
LEMOORE, CA — STATION NAME
73-82 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
22 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.1	.3								4.1	5.2
NNE													
NE													
ENE													
E													
ESE	.5		.1									.6	5.0
SE	.3											.3	3.0
SSE													
S													
SSW		.2										.3	5.0
SW	.2											.6	2.0
WSW	1.1	.6										1.6	3.0
W	3.5	3.5										7.1	3.5
WNW	1.6	10.6	4.6									17.1	5.5
NW	5.2	21.6	13.7	1.3								41.0	5.9
NNW	1.6	9.4	8.4	3.2								22.6	7.2
VARBL													
CALM												2.6	
	18.2	49.0	26.8	4.8								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 312

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER CLASS ALL HOURS (LST)

CONDITION

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

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)

2011 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) SEP (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	2.0	6.7	1.7	1.0								11.3	5.6
NNE	1.3	1.0										2.0	3.5
NE	.7	.7										.7	3.0
ENE	.7	.7										.7	3.0
E	.7	.7	.3									1.7	4.7
ESE	.7	.7										1.0	4.0
SE	1.3											1.3	2.5
SSE	.7											.7	2.5
S	.7	.7										1.3	3.5
SSW	1.0	.3										1.7	2.7
SW	.7	.3	.3									1.3	4.3
WSW	3.3	1.3										4.7	2.7
W	5.3	3.3	.7									9.0	3.7
WNW	1.3	6.3	1.0	.3								9.0	4.7
NW	4.7	11.3	5.3	.7								21.7	5.3
NNW	5.3	8.7	3.0	1.3								18.0	5.2
VARBL													
CALM												14.0	
	28.7	42.0	12.0	3.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] STATION [redacted] STATION NAME 73-82 YEARS SEP 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	[illegible]	1.3	.7	.3								[illegible]	[illegible]
NNE		.3										.3	5.0
NE	.3	.3										1.0	2.7
ENE	.7	.7										.7	3.5
E	.7		.3									.7	5.0
ESE	.7											.7	2.5
SE	1.3											1.3	2.7
SSE		.7										.7	4.0
S	3.0	1.0										4.0	2.9
SSW	3.3											3.7	2.8
SW	1.3	1.7										3.0	3.3
WSW	2.3	1.7										4.0	3.1
W	7.7	6.7	.3									14.7	3.6
WNW	5.7	9.0	1.0									15.7	4.1
NW	5.0	14.3	3.3	.3								22.7	5.0
NNW	1.7	4.3	2.3	.3								8.3	5.7
VARBL													
CALM												13.7	
	37.3	40.7	8.0	1.0								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) L MOORE, CA (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	2.0	1.0	.7									3.7	4.0
NNE	.7	.3										.7	4.0
NE	.7											.3	2.0
ENE	1.0	.3										1.3	3.0
E	.7											.7	2.0
ESE		.3										.3	5.0
SE	.7	.7										1.3	4.0
SSE	1.0		.3									1.3	3.7
S	1.3		.7									2.0	3.8
SSW	2.0											2.0	1.5
SW	.7	1.3										2.0	3.8
WSW	3.0	2.7										5.7	3.5
W	8.0	5.3	.3									13.7	3.8
WNW	4.7	8.7	2.3									15.7	4.5
NW	3.7	8.3	6.3	.7								19.0	5.7
NNW	1.7	4.0	4.3	1.0								10.7	6.5
VARBL													
CALM												20.0	
	30.3	33.0	15.0	1.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] LEMOORE, CA 73-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 10
CLASS HOUR (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 300

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LEMOORE, CA (STATION NAME) 77-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	12.3	10.0	3.7	.3							25.7	7.3
NNE	1.0	4.4	1.1									6.3	4.4
NE	1.0	2.7	.3									4.0	4.3
ENE		.7	.3									1.0	6.0
E	3.7	2.3	.3									6.3	3.6
ESE	2.3	1.0										3.3	2.7
SE	.3		.7									1.0	5.3
SSE	.7	.7	.7									1.7	6.6
S	.7		1.0									1.7	5.8
SSW		.3										.3	4.0
SW	.7	.3										1.0	3.0
WSW		.3										.3	4.0
W	1.0	2.7										3.7	3.5
WNW	2.3	2.0	.7									5.0	4.3
NW	1.3	4.3	3.7	1.0								10.0	6.7
NNW	1.3	8.7	6.3	2.3								20.0	6.4
VARBL													
CALM												7.0	
	20.7	50.3	24.7	7.0	.3							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 LEMOORE, CA 73-82 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 14
CLASS HOUR (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	11.7	18.7	8.5								37.0	7.7
NNE	1.3	4.0	6.3	2.0								13.7	6.6
NE	.7	2.7	2.0									5.3	5.1
ENE	1.7	2.7	1.3									5.7	4.5
E	.7	2.0	1.0									3.7	4.5
ESE	.3	1.0										1.7	4.0
SE	.4	.3	.3									1.0	5.3
SSE	.7	.3										.7	2.6
S													
SSW	.3											.3	2.0
SW		.1	.3									.7	4.1
WSW	.4		.1	.3								1.0	5.0
W	.7		.1	.3								1.0	4.7
WNW		1.0		.3								1.3	4.0
NW	.3	1.3	1.0	.3								3.0	7.3
NNW	1.3	3.3	7.3	3.0								17.0	7.7
VARBL													
CALM												2.3	
	10.7	17.7	38.7	18.7								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 13 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	10.7	2.7	.3								23.3	4.1
NNE	.6	.3										.7	3.5
NE													
ENE	.3	.7										1.0	3.3
E	1.7	.7										2.3	3.1
ESE	.7		.3									.7	5.5
SE	.3											.3	1.0
SSE		.3										.3	5.0
S	.3											.3	1.0
SSW			.3	.3								.7	5.0
SW		.7	.7	.3								1.7	3.4
WSW	.3	.3	1.0	.7								2.3	4.3
W	2.7	1.7										4.3	3.3
WNW	1.3	5.0	.7	.3								7.3	5.4
NW	4.3	12.3	2.7	.3								19.0	5.0
NNW	6.0	15.7	5.3	.3								27.0	5.0
VARBL													
CALM												9.7	
	24.7	48.0	13.0	2.7								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984 /41 348/ 201

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 _____

*U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 11 — STATION — [illegible] — STATION NAME — [illegible] — YEARS — [illegible] — MONTH

[illegible] — 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]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
E	[illegible]	[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]									[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												9.7	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 2470

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ 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 _____

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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 (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

4US GPO 1984 /41 446 201

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / [illegible], CA / 73-84 / OCT
STATION / STATION NAME / YEARS / MONTH

ALL WEATHER / 07
CLASS / HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

* U.S. GPO 1984 741 548 401

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH OCT

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]	[illegible]	[illegible]	1.6	.3							[illegible]	6.0
NNE	[illegible]	.4	.6									3.5	3.8
NE	[illegible]	.3	.7									3.7	3.5
ENE	1.0											1.0	1.5
E	[illegible]	.8	.3									3.0	2.5
ESE	1.0	1.0	.7									2.5	3.8
SE	1.3	1.6	.3	.3								4.2	4.7
SSE	.6	.6	.6									1.9	5.2
S	.6	1.0	1.3	.6								3.7	7.0
SSW	.6	.3										1.0	3.3
SW													
WSW		.7		.7								.6	8.5
W		1.0										1.0	4.7
WNW	1.0	.6	.6	.3								2.6	5.8
NW	3.0	2.6	4.5	1.0	.6	.3						12.5	7.7
NNW	7.2	6.1	7.4	4.5		.3						21.6	7.8
VARBL													
CALM												15.9	
	22.7	25.2	21.0	8.7	1.0	.6						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER FLAGS 13 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	4.7	4.2	1.4								18.4	6.2
NNE	2.3	3.2	1.6									7.1	4.8
NE	2.0	1.6										4.3	3.1
ENE	2.0	1.3										4.3	3.1
E	1.3	1.3										4.8	2.6
ESE	1.6	2.3	.6	.3								4.8	4.7
SE	.6	1.3	.3									1.9	5.2
SSE	2.3	1.3	.6									4.5	4.1
S	1.6	1.6	1.6	.6								3.5	6.9
SSW		.6	.3	.3								1.3	6.6
SW	.6	.3	.3									1.3	3.5
WSW	.3	.3										.6	1.0
W	1.3	1.3										1.9	3.3
WNW	1.6	1.6	.3									2.2	4.0
NW	2.3	2.6	3.6	1.6								10.0	7.1
NNW	1.3	4.5	3.9	3.2	1.3	.3						14.3	9.1
VARBL													
CALM												13.9	
	27.7	32.9	14.1	6.1	1.9	.3						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

USCG GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] LEMOORE, CA [redacted] 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	[illegible]	[illegible]	12.4	5.5	.3							29.4	7.5
NNE	1.3	7.7	4.2	.6								13.5	5.9
NE	[illegible]	1.3										4.5	3.9
ENE	1.3	2.3	.3									4.5	4.4
E	[illegible]	[illegible]	1.3	.3								7.4	5.0
ESE	.3	1.3	1.0									2.6	4.1
SE	1.6											1.6	2.0
SSE	.3	.3										.6	4.0
S	.3											.3	2.0
SSW		.3		.6								1.0	10.3
SW			.3									.6	10.0
WSW	.6		.3									1.0	4.7
W		.6	1.7									1.3	7.0
WNW	.3	.3										.6	4.5
NW	.6	1.6	1.3		.3	.3						4.2	6.5
NNW	[illegible]	[illegible]	[illegible]	[illegible]	.3							13.5	7.2
VARBL													
CALM												8.7	
	[illegible]	[illegible]	[illegible]	[illegible]	1.0	.3						100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] LEMOORE, CA 73-82 OCT
STATION STATION NAME YEARS MONTH

ALL WEATHER 16
SCENE HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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]
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	[illegible]										[illegible]	[illegible]
E	[illegible]	[illegible]										[illegible]	[illegible]
ESE	[illegible]	[illegible]										[illegible]	[illegible]
SE	[illegible]		[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]										[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSW		[illegible]	[illegible]									[illegible]	[illegible]
SW	[illegible]	[illegible]										[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
W	[illegible]	[illegible]										[illegible]	[illegible]
WNW	[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]

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2211 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) OCT (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	1.5	.5	.4	.3								2.6	5.8
NNE		.7	.3									.6	6.0
NE													
ENE		.3	.3									.6	6.5
E		.1										.1	4.0
ESE		.3										.3	5.0
SE		.4		.2								.6	9.5
SSE			.3									.3	7.0
S	.7	1.3	.3									1.9	5.3
SSW	.5	.6	.6	.3								1.9	6.8
SW	1.9	1.9	.3									4.2	3.8
WSW	4.6	3.5	.6	.3								9.4	4.0
W	11.3	7.1	.3									18.7	3.2
WNW	7.4	11.9	1.0									20.3	4.6
NW	4.2	7.7	3.5	1.4								17.1	5.7
NNW	1.3	2.6	4.2	1.0								8.7	7.1
VARBL													
CALM												12.3	
	42.6	38.7	12.6	3.9								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 741 348/ 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LIVERMORE, CA — 73-82 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	5.[illegible]	1.4	1.2	.1							13.4	5.6
NNE	1.3	1.4	.8	.1								3.6	4.2
NE	1.2	.8	.6									2.1	3.4
ENE	.8	.7	.1									1.7	3.5
E	1.4	.8	.2	.0								2.6	3.3
ESE	.[illegible]	.8	.4	.0								2.0	4.4
SE	1.1	.6	.2	.1								2.1	3.9
SSE	1.2	.7	.2									2.1	3.7
S	1.2	.3	.5	.3	.1							2.9	5.7
SSW	.[illegible]	.5	.7	.2								1.5	5.0
SW	1.7	.6	.2									2.6	3.3
WSW	2.1	1.6	.2	.2								4.2	3.7
W	5.2	2.9	.3	.0								8.5	3.2
WNW	3.5	3.4	.5	.0								7.7	3.9
NW	3.3	5.3	2.4	.6	.1	.1						11.3	5.7
NNW	3.7	4.3	3.3	1.0	.2	.1						12.3	4.9
VARBL													
CALM												19.3	
	33.3	30.0	11.3	4.7	.4	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 2879

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] L MONTE, CA — 73-82 — NOV

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 01

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]									2.7	4.1
NNE	.7		.3									1.0	4.0
NE	.7											.7	2.0
ENE	.7											.7	2.0
E	[illegible]	[illegible]										3.3	2.9
ESE	[illegible]	[illegible]	.7									4.3	3.3
SE	[illegible]	[illegible]	[illegible]									6.0	4.8
SSE	[illegible]	[illegible]			.3							3.0	5.3
S	[illegible]		.7	.3								2.0	6.8
SSW	[illegible]	.7										1.7	3.2
SW	[illegible]	[illegible]		.3								2.3	5.0
WSW	[illegible]	[illegible]	.3									5.0	3.2
W	[illegible]	[illegible]										10.3	3.0
WNW	[illegible]	[illegible]	.3									6.0	3.5
NW	[illegible]	[illegible]	[illegible]	.3								7.3	5.9
NNW	[illegible]	[illegible]	[illegible]	.7								7.7	6.9
VARBL													
CALM												36.3	
	31.7	20.3	9.7	1.7	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

* U.S. GPO 1984 / 741 348 / 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LEMOORE, CA 73-82 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

CONDITION

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3		.3								1.0	6.0
NNE	.1	.3	.2									1.0	5.7
NE													
ENE		.2										.2	4.0
E	1.0	1.7										2.7	3.5
ESE	2.7	.7	1.0									4.3	4.3
SE	2.0	1.2	.7									4.0	4.2
SSE	1.7	2.3	.3									4.3	3.8
S	2.7	1.0	.7	.3								5.7	4.2
SSW	.7	1.3		.3								2.3	4.7
SW	1.7	1.7										3.3	3.8
WSW	3.0	1.7		.2								5.7	3.5
W	5.7	4.0										9.7	3.8
WNW	3.0	1.7	.3									5.0	3.5
NW	4.0	4.0	1.0	.7								9.7	4.8
NNW	.7	2.7	2.3	.3								6.0	6.3
VARBL													
CALM												35.0	
	31.3	35.0	6.7	2.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 300

4

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LEMOORE, CA 73-82 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER 07
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]	2.[illegible]										[illegible]	[illegible]
NNE	[illegible]	.[illegible]										[illegible]	[illegible]
NE	.[illegible]											.[illegible]	[illegible]
ENE	.[illegible]	.7										[illegible]	[illegible]
E	[illegible]		.7									[illegible]	[illegible]
ESE	[illegible]	[illegible]	.7									[illegible]	[illegible]
SE	.7	[illegible]	.[illegible]									[illegible]	[illegible]
SSE	[illegible]	[illegible]	.[illegible]									[illegible]	[illegible]
S	[illegible]	[illegible]	.7									[illegible]	[illegible]
SSW	[illegible]	[illegible]										[illegible]	[illegible]
SW	[illegible]	.7										[illegible]	[illegible]
WSW	[illegible]	[illegible]										[illegible]	[illegible]
W	[illegible]	[illegible]										[illegible]	[illegible]
WNW	[illegible]	.7		.[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	.7									[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												41.5	
	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 299

NAVMOS

NAVMOS 3202 (REV. 1-84) S/N 0102-LF-045-3202

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

[illegible] CLASS

[illegible] HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

4

SMOS

*U.S. GPO 1984 /741 348 /11

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 _____

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 _____

* U.S. GPO 1984 /421 446 /011

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

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

TOTAL NUMBER OF OBSERVATIONS 229

4

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 _____

*US GPO 1984 741-348 /01

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 NOV MONTH

ALL WEATHER CLASS ALL HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	2.4	2.1	1.0	.2							8.7	5.8
NNE	1.7	1.2	.5	.2								3.4	4.1
NE	.9	.6	.1									1.6	3.6
ENE	.8	.4										1.2	3.3
E	.4	1.3	.4	.1								1.8	3.5
ESE	1.4	1.4	.4	.2	.2							4.1	4.1
SE	2.3	1.4	.7	.3	.2							4.9	5.1
SSE	1.7	1.6	.7	.7	.1							4.6	5.2
S	2.2	.8	.6	.7	.2							3.7	4.9
SSW	1.4	.7	.3	.1	.2							2.1	4.3
SW	1.2	.6	.1	.1								1.8	3.6
WSW	2.1	1.3	.1	.2								3.6	3.9
W	2.7	2.2	.7									5.8	3.5
WNW	2.2	1.6	.4	.1								4.4	3.9
NW	2.8	3.4	1.7	.7	.1							8.4	5.7
NNW	2.2	3.1	2.3	1.4	.2							9.1	6.1
VARBL													
CALM												26.5	
	31.5	24.2	10.7	4.8	.6							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2392

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*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LYNCHBURG, VA — STATION NAME — [illegible] — YEARS — DEC — 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	1.2	.4										1.6	3.2
NNE	1.1	.3										1.4	2.6
NE													
ENE	.0	.1										1.0	3.7
E	.3	1.3	.4									4.7	3.9
ESE	2.6	2.4	1.6									7.1	4.6
SE	2.2	2.1	.4	.3								6.5	4.4
SSE	2.2	1.3		.6	.3							4.5	5.8
S	2.1	2.4	.2	.3								4.3	4.4
SSW	1.0	.1										2.1	3.4
SW	1.4	.3										1.9	2.5
WSW	2.3	1.0			.3							3.5	4.5
W	.5	1.0										5.5	2.4
WNW	1.2	1.0	.3	.6								4.2	5.7
NW	2.1	5.5	1.0	.3								9.0	5.1
NNW	1.2	1.4	.4	.3								3.4	5.3
VARBL													
CALM												36.5	
	21.2	23.5	5.5	2.4	.4							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 816

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2111 LEMOORE, CA 73-92 DEC
STATION STATION NAME YEARS MONTH

ALL WEATHER 24
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	1.0	1.5	.5	.3								4.2	4.9
NNE	.8	1.1										1.4	4.0
NE	.3											.3	2.3
ENE	.4											.4	3.0
E	1.9	1.3										3.2	3.1
ESE	2.4	2.7	.5									5.1	4.3
SE	2.6	3.0	1.3	.3	.3							7.7	5.9
SSE	3.5	2.3	.6									6.5	3.6
S	1.5	1.3		.3								4.0	3.3
SSW	2.3		.3									2.6	2.9
SW	2.3	.6										2.9	2.8
WSW	1.3	1.6										2.6	3.4
W	2.9	3.2	.3									6.5	3.5
WNW	2.6	1.6	.3									4.5	3.6
NW	1.5	1.9	1.3	1.6								6.4	6.6
NNW	1.3	1.9	1.6	.3								4.8	5.8
VARBL													
CALM												34.2	
	31.3	23.5	7.7	2.9	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 316

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME [illegible] YEARS DEC 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	1.4	2.7	.7	.3								4.5	4.9
NNE	.7	1.7										1.6	4.3
NE													
ENE	.3	.7										1.0	2.7
E	2.6	1.7	.7									4.2	3.1
ESE	2.3	1.6	2.7	.6								7.6	5.3
SE	2.6	1.9	2.6									7.1	5.3
SSE	2.3	1.4	1.1									5.4	4.2
S	3.3	1.9										5.6	3.1
SSW	1.7	.7	.3									1.9	3.2
SW	1.4	.7										1.9	2.3
WSW	1.7	1.4										2.3	3.8
W	2.7	1.9	.3									4.5	3.8
WNW	1.9	1.9	.3									2.3	4.9
NW	3.3	1.3	1.3		.3							4.6	5.7
NNW	1.7	2.4	1.3	.3								5.2	5.2
VARBL													
CALM												39.7	
	26.4	20.6	9.7	1.3	.3							100.0	2.6

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)

[illegible] LEMOORE, CA 73-82 DEC
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.3	2.3	1.0	.3							6.1	6.3
NNE	.5			.3								1.0	6.7
NE		.6										.6	5.0
ENE	.7	.3										.6	1.0
E	2.6	1.6	.6									5.4	3.3
ESE	2.6	3.2	1.0	.3								7.4	4.7
SE	3.2	3.2	1.6	.6								10.6	4.8
SSE	2.6	3.9	1.0	.6	.3							9.0	5.7
S	1.2	4.5	1.6	.6								8.7	5.6
SSW	1.7	.3										1.6	2.2
SW	.3		.2									.6	5.5
WSW	.6											.6	1.5
W	1.0											1.0	2.0
WNW	1.0	.6	.6									2.3	4.0
NW	1.6	1.6	1.6	1.3	.3	.3						6.8	8.1
NNW	.6	2.3	1.2	2.3		.3						7.4	8.9
VARBL													
CALM												20.7	
	23.2	28.5	13.2	7.1	1.0	.6						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 312

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	[illegible]	5.5	2.3	1.3	.3							10.5	5.3
NNE	1.[illegible]	2.3	1.[illegible]									4.5	5.[illegible]
NE	[illegible]	.3	.3									3.5	2.7
ENE	1.[illegible]	.4	.3									2.3	4.0
E	5.[illegible]	2.3	.3									8.4	3.7
ESE	3.3	2.9	1.6		.3							8.7	4.9
SE	2.3	4.2	1.[illegible]	.3								8.1	4.5
SSE	2.3	1.3	.3	1.0	.3							5.2	6.3
S	1.3	1.[illegible]	1.[illegible]	1.3								4.2	7.0
SSW	.3	.6										1.0	4.3
SW	.3	.3	.3	.3								1.3	7.0
WSW													
W	1.0	.9										1.6	3.0
WNW	.6			.3								1.0	5.0
NW	.6	1.3	1.0		1.3	.3						4.5	10.6
NNW	1.5	2.3	1.9	3.9	.6							10.6	8.7
VARBL													
CALM												20.3	
	31.4	25.5	11.3	8.1	3.9	.3						100.0	4.5

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)

2711 (STATION) LEMOORE, CA (STATION NAME) 77-87 (YEARS) DEC (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	4.2	3.2	2.1	1.1	.3							14.7	5.6
NNE	2.6	2.0	1.5	.3								5.3	4.7
NE	1.0	.3	.3									1.6	4.6
ENE	1.3	1.3	.7									2.3	4.1
E	1.8	2.0	.3									4.2	3.7
ESE	3.4	2.4	.7	.7	.3							8.1	5.4
SE	3.3	1.3		.3								4.9	3.7
SSE	2.0	.3	1.0									3.3	4.3
S	1.6	1.0	.3									2.9	4.2
SSW	.3											.3	2.0
SW	.7	.3		.3								1.3	5.5
WSW	.3	.7										1.0	3.3
W		.7	.3	.3								1.3	7.5
WNW	.7	1.6	.3									2.6	5.0
NW	2.0	.7	.3	.3		.7						3.6	6.5
NNW	3.3	2.6	3.3	2.0	.3							10.7	7.5
VARBL													
CALM												29.4	
	26.7	25.1	10.1	5.2	1.0	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 307

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH DEC

CLASS ALL WEATHER HOURS (L S T) 12

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	.7									4.2	3.7
NNE	1.3	.3										1.3	2.0
NE	1.7	1.4										2.3	3.1
ENE	.7	1.3										1.3	4.3
E	1.4	.6	.7									3.0	2.8
ESE	2.4	1.4	.7	.3								3.8	3.7
SE	2.4	1.6	.7		.6							5.5	4.2
SSE	2.3	3.3	.6	.3								7.8	4.6
S	3.2	2.3	1.7									7.1	4.1
SSW	1.4	1.4		.3								3.3	4.7
SW	.4	1.3	.7									2.3	4.9
WSW	.3		1.0									1.3	7.0
W	2.6	1.9										4.4	3.1
WNW	1.9	3.2	1.3									6.1	4.8
NW	1.4	6.2	.6	.6	.3	.7						9.1	6.3
NNW	1.6	3.2	1.3									6.1	5.1
VARBL													
CALM												29.8	
	29.6	30.4	7.1	1.6	1.0	.3						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

* U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS ALL WEATHER HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS 309

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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 DEC

CLASS ALL CLIMATIC CLASS 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	2.5	2.1	1.0	.5	.1							6.5	5.4
NNE	1.0	.8	.5	.1								2.5	4.3
NE	.9	.4	.1									1.3	3.4
ENE	.9	.5	.1									1.2	3.5
E	2.5	1.5	.3									4.6	3.3
ESE	3.1	2.4	1.1	.3	.1							7.0	3.8
SE	3.0	2.5	1.2	.5	.2							6.3	3.8
SSE	3.4	2.2	.7	.4	.1							6.1	4.9
S	2.4	2.4	.6	.3		.1						5.3	4.6
SSW	1.2	.5	.1	.1								1.8	3.3
SW	1.4	.4	.1	.1								2.2	3.7
WSW	1.2	.7	.1		.1							2.2	3.6
W	2.6	1.0	.2	.1								4.7	3.3
WNW	1.7	1.2	.5	.1								3.6	4.5
NW	1.7	2.4	1.1	.6	.3	.2						6.4	6.7
NNW	1.4	2.3	1.2	1.2	.1	.1						6.7	7.6
VARBL													
CALM												10.7	
	33.5	25.7	9.1	3.6	1.0	.2						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 2475

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*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH ALL

CLASS ALL FAMC

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	1.2	2.6	5.	1.7	.2	.1						10.2	5.7
NNE	1.1	1.5	.8	.2	.1							3.7	5.1
NE	.5	.4	.3	.1								1.4	4.3
ENE	.5	.4	.3	.1								1.4	3.9
E	1.2	1.0	.7	.3								2.7	3.8
ESE	1.2	.6	.3	.1	.1							2.3	4.6
SE	1.5	1.2	.5	.2	.1							3.1	5.2
SSE	1.1	1.1	.4	.2	.1							3.1	5.5
S	1.4	1.1	.6	.3	.2	.1						3.4	5.2
SSW	.7	.5	.2	.1	.1	.1						1.6	4.2
SW	1.0	.6	.2	.1	.1							1.6	4.2
WSW	1.5	.6	.2	.1	.1							2.7	4.2
W	1.9	2.6	.7	.1	.1							6.3	5.7
WNW	.2	2.7	.9	.1	.1	.1						6.3	6.5
NW	.7	4.1	3.4	1.5	.1	.1	.1					13.5	6.1
NNW	.7	4.1	3.4	2.4	.3	.1	.1					16.6	7.1
VARBL													
CALM												14.4	
	24.1	34.1	19.7	9.7	2.8	1.2	.3					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 29196

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*U.S. GPO 1984 741-348 701

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____

CONDITION _____ HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | JAN MONTH | 01 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 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 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

HOURS (L S T) 07

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	9.7	15.8	17.7	19.4	21.2	21.9	24.2	24.1	26.2	27.7	28.7	29.1	29.7	29.7	30.2	34.2
≥ 20000	9.7	16.1	18.1	19.7	21.3	22.3	24.5	24.5	27.1	28.7	29.7	30.1	30.7	30.7	31.3	35.5
≥ 18000	9.7	16.1	18.1	19.7	21.3	22.3	24.5	26.5	27.1	28.7	29.7	30.0	30.7	30.7	31.3	35.5
≥ 16000	9.7	16.1	18.1	19.7	21.3	22.3	24.5	26.5	27.1	28.7	29.7	30.0	30.7	30.7	31.3	35.5
≥ 14000	9.7	17.4	19.4	21.0	22.4	23.6	25.8	27.7	28.4	30.5	31.3	31.6	32.3	32.3	32.9	37.1
≥ 12000	9.7	17.4	19.4	21.0	22.3	23.9	26.5	28.7	29.4	31.6	32.9	33.2	33.9	33.9	34.5	38.7
≥ 10000	9.7	19.7	21.6	23.2	25.2	26.1	28.7	31.0	31.6	33.9	35.5	35.8	36.8	36.8	37.4	41.6
≥ 9000	9.7	19.7	21.6	23.2	25.2	26.1	28.7	31.0	31.6	34.2	35.8	36.1	37.1	37.1	37.7	41.9
≥ 8000	10.0	21.3	23.6	25.2	27.4	28.4	31.0	33.2	34.2	36.8	38.7	39.0	40.0	40.0	40.7	44.9
≥ 7000	10.7	21.9	24.2	25.8	28.1	29.0	31.9	34.2	35.2	37.7	39.7	40.0	41.0	41.0	41.6	45.8
≥ 6000	11.0	22.3	24.7	26.1	28.4	29.4	32.0	34.6	35.8	38.7	40.7	41.0	41.9	41.9	42.6	46.8
≥ 5000	11.9	24.9	27.1	28.7	31.5	32.6	35.8	38.1	39.3	42.3	44.5	44.8	45.8	45.8	46.5	51.0
≥ 4500	11.9	25.5	27.7	29.7	32.6	33.6	36.8	39.0	40.3	43.2	45.5	45.8	46.8	46.8	47.4	51.9
≥ 4000	12.3	26.5	28.7	30.7	33.9	34.3	38.1	40.3	41.3	44.2	46.8	47.1	48.1	48.1	48.7	53.2
≥ 3500	12.9	27.4	29.7	31.6	34.8	36.5	39.7	42.6	43.6	46.8	49.0	49.4	50.3	50.3	51.0	55.1
≥ 3000	12.9	29.4	31.6	34.2	37.4	39.4	42.6	45.5	46.5	49.7	51.9	52.3	53.2	53.2	53.9	58.4
≥ 2500	13.9	31.0	33.2	36.1	39.4	41.6	44.8	47.7	48.7	52.3	54.5	54.8	55.8	55.8	56.5	61.0
≥ 2000	13.9	32.3	34.5	37.4	40.7	43.2	46.8	49.7	50.7	54.2	57.1	57.4	58.4	58.4	59.0	63.6
≥ 1800	14.2	32.9	34.5	37.4	40.7	43.2	47.4	50.3	51.3	54.8	57.7	58.1	59.0	59.1	59.7	64.2
≥ 1500	13.9	32.3	34.5	37.4	40.7	43.6	48.4	51.3	52.3	55.8	58.7	59.0	60.0	60.0	60.7	65.9
≥ 1200	13.9	32.3	34.5	37.7	41.3	43.9	49.0	52.3	53.6	57.4	61.0	61.3	62.3	62.3	62.9	67.7
≥ 1000	13.9	32.6	34.8	38.1	41.3	44.2	49.4	52.9	54.2	58.1	61.6	61.9	62.9	63.2	63.9	68.7
≥ 900	14.2	32.9	35.2	38.4	41.6	44.5	49.7	53.2	54.5	58.4	61.9	62.3	63.6	63.6	64.2	69.0
≥ 800	14.2	32.9	35.2	38.4	41.6	44.5	49.7	53.2	54.5	58.4	61.9	62.3	63.6	63.6	64.2	69.0
≥ 700	14.2	32.9	35.2	38.4	41.6	44.5	50.3	54.5	55.8	59.7	63.2	63.6	64.8	64.8	65.5	70.3
≥ 600	14.2	32.9	35.2	38.4	41.6	44.5	50.7	54.8	56.5	60.3	63.9	64.2	65.5	65.5	66.1	71.0
≥ 500	14.2	32.9	35.2	38.4	41.6	44.5	51.0	55.2	56.8	60.7	64.5	64.8	66.1	66.1	66.8	71.6
≥ 400	14.2	32.9	35.2	38.4	41.6	44.5	51.3	55.5	57.1	61.3	65.2	65.5	66.8	66.8	67.4	72.6
≥ 300	14.2	32.9	35.2	38.4	41.6	44.5	51.3	56.1	58.4	63.9	68.1	68.4	69.7	69.7	70.3	75.5
≥ 200	14.2	32.9	35.2	38.4	41.6	44.5	51.3	56.1	58.4	64.5	69.0	70.0	71.3	71.6	72.6	78.7
≥ 100	14.2	32.9	35.2	38.4	41.6	44.5	51.9	56.1	58.4	64.8	71.0	72.6	74.2	74.5	76.5	87.7
0	14.2	32.9	35.2	38.4	41.6	44.5	51.3	56.1	58.4	64.8	71.0	72.6	74.2	74.8	77.7	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 744

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	12.[illegible]	12.[illegible]	12.[illegible]	21.[illegible]	25.[illegible]	25.[illegible]	28.[illegible]	29.[illegible]	30.1	32.0	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	32.[illegible]	[illegible]
≥ 20000	13.[illegible]	20.[illegible]	22.[illegible]	23.3	25.[illegible]	29.1	32.[illegible]	33.[illegible]	34.[illegible]	36.3	36.[illegible]	36.6	36.6	36.[illegible]	36.9	37.[illegible]
≥ 18000	13.[illegible]	20.[illegible]	22.[illegible]	23.3	25.[illegible]	29.1	32.[illegible]	33.[illegible]	34.[illegible]	36.[illegible]	36.[illegible]	36.9	37.2	37.2	37.[illegible]	37.[illegible]
≥ 16000	13.[illegible]	20.[illegible]	22.[illegible]	23.6	26.[illegible]	29.5	32.4	34.[illegible]	34.[illegible]	36.[illegible]	37.[illegible]	37.2	37.2	37.5	37.5	[illegible]
≥ 14000	13.[illegible]	20.[illegible]	22.[illegible]	23.6	26.2	29.5	32.4	34.[illegible]	34.[illegible]	36.9	37.2	37.2	37.5	37.[illegible]	37.5	[illegible]
≥ 12000	13.[illegible]	21.[illegible]	23.[illegible]	24.3	27.[illegible]	31.4	33.[illegible]	35.3	35.6	39.2	39.5	39.5	39.8	39.8	39.8	40.[illegible]
≥ 10000	14.[illegible]	22.[illegible]	23.8	25.[illegible]	28.[illegible]	31.[illegible]	35.3	36.4	37.2	40.[illegible]	41.4	41.4	41.8	41.8	41.8	42.4
≥ 9000	14.[illegible]	22.[illegible]	24.[illegible]	25.[illegible]	28.6	32.[illegible]	36.3	37.[illegible]	38.[illegible]	41.[illegible]	42.4	42.4	42.[illegible]	42.[illegible]	42.[illegible]	43.4
≥ 8000	15.[illegible]	23.[illegible]	24.[illegible]	26.[illegible]	29.[illegible]	34.3	37.[illegible]	40.1	40.5	44.0	44.[illegible]	44.[illegible]	45.[illegible]	45.[illegible]	45.[illegible]	46.[illegible]
≥ 7000	15.[illegible]	25.6	27.2	29.1	32.[illegible]	36.3	39.8	42.[illegible]	43.[illegible]	46.6	47.3	47.3	47.6	47.[illegible]	47.5	48.[illegible]
≥ 6000	15.[illegible]	26.[illegible]	28.[illegible]	30.[illegible]	33.[illegible]	37.[illegible]	41.1	44.[illegible]	44.[illegible]	48.[illegible]	49.2	49.2	49.5	49.[illegible]	49.5	50.[illegible]
≥ 5000	16.[illegible]	28.5	30.4	32.9	35.8	40.[illegible]	43.[illegible]	46.6	46.9	50.[illegible]	51.[illegible]	51.[illegible]	52.[illegible]	52.[illegible]	52.[illegible]	53.[illegible]
≥ 4500	17.[illegible]	29.[illegible]	31.[illegible]	33.[illegible]	36.5	40.[illegible]	44.[illegible]	47.[illegible]	47.9	51.8	52.[illegible]	52.[illegible]	53.[illegible]	53.1	53.1	54.[illegible]
≥ 4000	17.[illegible]	29.5	31.7	33.7	36.9	42.1	46.3	49.2	49.5	53.4	54.7	54.7	55.[illegible]	55.[illegible]	55.[illegible]	56.[illegible]
≥ 3500	17.[illegible]	30.1	32.4	34.3	37.5	42.7	46.9	49.8	50.2	54.1	55.[illegible]	55.[illegible]	56.[illegible]	56.[illegible]	56.[illegible]	57.[illegible]
≥ 3000	17.[illegible]	31.[illegible]	34.[illegible]	36.3	39.5	44.[illegible]	49.[illegible]	52.1	52.[illegible]	56.6	56.[illegible]	56.3	58.[illegible]	58.6	58.6	59.[illegible]
≥ 2500	18.[illegible]	32.[illegible]	35.[illegible]	36.[illegible]	40.1	45.6	50.5	53.[illegible]	54.1	58.3	59.[illegible]	59.9	60.[illegible]	60.[illegible]	60.[illegible]	61.[illegible]
≥ 2000	18.[illegible]	32.[illegible]	35.6	37.5	41.1	46.[illegible]	51.[illegible]	54.[illegible]	55.[illegible]	59.6	61.2	61.2	61.5	61.5	61.5	62.1
≥ 1800	18.[illegible]	32.4	35.6	37.9	41.[illegible]	47.6	52.[illegible]	55.[illegible]	56.[illegible]	60.2	61.[illegible]	61.3	62.[illegible]	62.1	62.1	62.[illegible]
≥ 1500	18.[illegible]	32.[illegible]	35.[illegible]	38.2	42.1	47.9	53.1	56.[illegible]	57.[illegible]	61.6	63.4	63.4	63.[illegible]	63.8	63.8	64.4
≥ 1200	18.[illegible]	32.[illegible]	35.[illegible]	38.2	42.1	47.9	53.4	57.3	57.9	62.[illegible]	64.4	64.4	64.7	64.7	64.7	65.[illegible]
≥ 1000	18.[illegible]	32.[illegible]	35.[illegible]	38.2	42.4	48.2	54.1	58.3	59.9	63.8	65.7	65.7	66.0	66.0	66.0	66.7
≥ 900	18.[illegible]	32.[illegible]	35.[illegible]	38.2	42.4	48.2	55.[illegible]	59.6	60.[illegible]	65.1	67.[illegible]	67.[illegible]	67.3	67.[illegible]	67.3	68.[illegible]
≥ 800	18.[illegible]	32.[illegible]	35.[illegible]	38.2	42.4	48.2	55.[illegible]	59.6	60.[illegible]	65.1	67.[illegible]	67.[illegible]	67.3	67.[illegible]	67.3	68.[illegible]
≥ 700	18.[illegible]	32.[illegible]	35.9	38.2	42.4	48.2	55.0	59.9	60.[illegible]	65.0	66.[illegible]	66.[illegible]	67.[illegible]	67.3	67.3	68.[illegible]
≥ 600	18.[illegible]	32.[illegible]	35.9	38.2	42.[illegible]	48.5	55.3	60.[illegible]	62.1	67.3	69.3	69.3	69.6	69.6	69.6	70.[illegible]
≥ 500	18.[illegible]	32.[illegible]	35.[illegible]	38.2	42.[illegible]	48.9	55.[illegible]	60.5	63.[illegible]	69.3	71.5	71.5	71.8	71.8	71.8	72.[illegible]
≥ 400	18.[illegible]	32.[illegible]	35.9	38.2	42.[illegible]	48.9	55.[illegible]	61.1	64.[illegible]	70.2	72.5	72.5	72.8	72.8	72.8	73.[illegible]
≥ 300	18.[illegible]	32.[illegible]	35.9	38.2	42.[illegible]	48.9	56.0	61.4	64.[illegible]	70.5	72.8	72.8	73.1	73.1	73.1	73.[illegible]
≥ 200	18.[illegible]	32.[illegible]	35.[illegible]	38.2	43.[illegible]	49.2	56.3	61.7	64.[illegible]	70.8	73.1	73.1	73.4	73.4	73.4	73.[illegible]
≥ 100	18.[illegible]	32.[illegible]	35.9	38.2	43.[illegible]	49.2	56.6	61.[illegible]	64.[illegible]	70.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]
0	18.[illegible]	32.[illegible]	35.[illegible]	38.2	43.[illegible]	49.2	56.6	61.[illegible]	64.[illegible]	70.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	73.[illegible]	74.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

HOURS (L S T) 17

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	15.7	17.5	19.1	21.7	26.	30.4	32.4	33.7	33.7	33.7	34.3	34.0	34.3	34.7	34.3	34.3
≥ 20000	15.1	19.7	22.3	24.6	29.1	35.	37.9	39.8	39.8	40.1	40.5	40.5	40.5	40.5	40.5	40.
≥ 18000	15.	20.4	22.7	25.6	31.1	35.9	39.7	41.1	41.1	41.4	41.8	41.8	42.1	42.1	42.1	42.
≥ 16000	15.	20.4	22.7	25.6	31.1	35.9	39.2	41.1	41.1	41.4	41.8	41.8	42.1	42.1	42.1	42.
≥ 14000	15.4	20.7	23.3	26.2	31.7	36.4	39.5	42.1	42.1	42.4	42.7	42.7	43.0	43.0	43.0	43.
≥ 12000	15.	22.3	24.9	27.8	34.0	38.7	42.7	44.	44.	45.3	45.6	45.6	46.	46.	46.	46.
≥ 10000	16.4	23.3	26.2	29.2	35.9	41.1	44.7	46.9	46.9	47.3	47.6	47.6	47.9	47.9	47.9	47.
≥ 9000	16.	24.1	26.9	30.4	36.6	41.3	45.6	47.9	47.9	48.2	48.5	48.5	48.9	48.9	48.9	48.
≥ 8000	16.7	25.6	28.7	32.3	38.3	43.4	47.4	50.6	50.6	50.9	51.1	51.1	51.5	51.5	51.5	51.
≥ 7000	16.9	26.4	29.1	32.7	38.9	44.7	48.7	51.8	51.8	52.1	52.4	52.4	52.8	52.8	52.8	52.
≥ 6000	17.4	27.3	30.1	33.7	40.5	45.6	50.2	53.0	53.0	53.2	53.6	53.6	53.7	53.7	53.7	53.
≥ 5000	17.4	27.9	30.7	34.3	41.4	46.4	51.1	54.1	54.1	54.4	54.7	55.2	55.3	55.3	55.3	55.
≥ 4500	17.8	28.3	31.1	34.6	41.8	46.9	51.5	54.4	54.4	54.7	55.	55.3	55.7	55.7	55.7	55.
≥ 4000	17.8	30.1	34.0	37.5	44.3	50.2	55.3	58.3	58.3	58.6	58.9	59.2	59.6	59.6	59.6	59.
≥ 3500	18.1	31.1	35.0	39.5	46.8	52.1	56.6	59.6	59.9	60.2	60.5	60.5	60.8	60.8	60.8	60.
≥ 3000	18.4	34.0	37.2	41.8	49.5	54.4	58.9	62.1	62.5	62.8	63.1	63.1	63.4	63.4	63.4	63.
≥ 2500	19.1	35.3	39.3	43.4	51.1	57.0	61.5	64.7	65.1	65.4	65.7	65.7	66.0	66.0	66.0	66.
≥ 2000	19.4	36.3	41.3	44.3	53.7	59.6	64.7	68.0	68.3	68.6	68.9	68.9	69.3	69.3	69.3	69.
≥ 1800	21.1	37.9	42.1	45.6	55.1	60.3	66.0	69.3	69.6	69.9	70.2	70.2	70.6	70.6	70.6	70.
≥ 1500	21.4	38.4	44.7	48.5	57.0	62.8	68.9	72.5	72.8	73.1	73.5	73.5	73.8	73.8	73.8	73.
≥ 1200	21.4	38.8	44.8	49.2	60.5	66.7	71.8	75.4	75.7	76.1	76.4	76.4	76.7	76.7	76.7	76.
≥ 1000	21.7	39.2	44.7	49.5	61.8	68.3	73.4	77.7	78.0	78.3	78.6	78.6	79.0	79.0	79.0	79.
≥ 900	22.0	39.5	45.0	49.8	62.9	69.6	75.7	79.9	80.2	80.6	80.9	80.9	81.2	81.2	81.2	81.
≥ 800	22.0	39.5	45.2	49.8	62.9	69.6	75.7	79.9	80.2	80.6	80.9	81.2	81.6	81.6	81.6	81.
≥ 700	22.	39.5	45.3	50.2	63.4	70.2	76.4	80.9	81.2	81.9	82.2	82.2	82.5	82.5	82.5	82.
≥ 600	22.0	39.5	45.3	50.2	63.4	70.9	77.4	81.9	82.2	82.9	83.2	83.2	83.5	83.5	83.5	83.
≥ 500	22.0	39.5	45.3	50.2	64.1	71.2	78.0	82.1	82.7	83.0	83.4	83.4	83.7	83.7	83.7	83.
≥ 400	22.0	39.5	45.3	50.2	64.1	71.6	79.0	83.4	83.9	84.6	85.3	85.3	85.6	85.6	85.6	85.
≥ 300	22.0	39.5	45.3	50.2	64.1	72.2	79.6	84.0	84.6	85.3	86.0	86.0	86.3	86.3	86.3	86.
≥ 200	22.0	39.5	45.3	50.2	64.1	72.2	79.6	84.0	84.6	85.3	86.0	86.0	86.3	86.3	86.3	86.
≥ 100	22.0	39.5	45.3	50.2	64.1	72.2	79.6	84.0	84.6	85.3	86.0	86.0	86.3	86.3	86.3	86.
≥ 0	22.0	39.5	45.3	50.2	64.1	72.2	79.6	84.0	84.6	85.3	86.0	86.0	86.3	86.3	86.3	86.

TOTAL NUMBER OF OBSERVATIONS 729

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1?

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.[illegible]	24.[illegible]	27.[illegible]	[illegible]	39.[illegible]	40.1	43.[illegible]	[illegible]	[illegible]	43.4	[illegible]	43.4	[illegible]	[illegible]	[illegible]
≥ 20000	14.[illegible]	25.[illegible]	30.[illegible]	[illegible]	44.[illegible]	46.[illegible]	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	14.[illegible]	25.[illegible]	31.[illegible]	36.3	44.[illegible]	46.[illegible]	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	14.[illegible]	25.[illegible]	31.1	36.6	44.[illegible]	46.[illegible]	50.[illegible]	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	15.[illegible]	26.[illegible]	31.[illegible]	36.[illegible]	46.[illegible]	47.[illegible]	51.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	15.[illegible]	27.[illegible]	32.[illegible]	37.2	46.6	49.[illegible]	53.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]	54.[illegible]
≥ 10000	17.[illegible]	29.[illegible]	34.[illegible]	39.[illegible]	49.[illegible]	53.[illegible]	57.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]	58.[illegible]
≥ 9000	17.[illegible]	29.[illegible]	35.[illegible]	39.[illegible]	50.[illegible]	54.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]	59.[illegible]
≥ 8000	18.[illegible]	31.[illegible]	36.[illegible]	41.[illegible]	52.[illegible]	57.[illegible]	61.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]	63.[illegible]
≥ 7000	19.[illegible]	32.[illegible]	37.[illegible]	43.[illegible]	55.[illegible]	59.[illegible]	63.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]
≥ 6000	19.[illegible]	33.[illegible]	38.[illegible]	44.[illegible]	56.[illegible]	59.[illegible]	63.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]	65.[illegible]
≥ 5000	19.[illegible]	33.[illegible]	39.[illegible]	44.3	56.[illegible]	60.[illegible]	64.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]	66.[illegible]
≥ 4500	20.[illegible]	34.[illegible]	39.[illegible]	45.6	57.[illegible]	61.[illegible]	65.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]
≥ 4000	20.[illegible]	36.[illegible]	42.[illegible]	48.[illegible]	59.[illegible]	64.[illegible]	68.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
≥ 3500	20.[illegible]	37.[illegible]	44.[illegible]	49.[illegible]	61.[illegible]	65.[illegible]	69.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]	71.[illegible]
≥ 3000	22.[illegible]	41.[illegible]	47.[illegible]	53.1	64.[illegible]	69.[illegible]	73.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]	75.[illegible]
≥ 2500	22.[illegible]	41.[illegible]	47.[illegible]	53.[illegible]	65.[illegible]	70.[illegible]	74.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]	76.[illegible]
≥ 2000	22.[illegible]	41.[illegible]	48.[illegible]	54.[illegible]	66.[illegible]	71.[illegible]	76.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]
≥ 1800	23.[illegible]	41.[illegible]	48.[illegible]	54.[illegible]	66.[illegible]	71.[illegible]	76.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]	78.[illegible]
≥ 1500	23.[illegible]	42.[illegible]	49.[illegible]	56.[illegible]	67.[illegible]	74.[illegible]	79.[illegible]	81.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]
≥ 1200	23.[illegible]	42.[illegible]	50.[illegible]	56.[illegible]	69.[illegible]	75.[illegible]	80.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]
≥ 1000	23.[illegible]	42.[illegible]	50.[illegible]	56.6	70.[illegible]	76.1	81.[illegible]	84.[illegible]	84.[illegible]	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	23.[illegible]	42.[illegible]	50.[illegible]	56.6	70.6	76.4	82.[illegible]	86.[illegible]	86.[illegible]	87.1	87.1	87.1	87.1	87.1	87.1
≥ 800	23.[illegible]	42.[illegible]	50.[illegible]	56.6	70.6	76.4	82.[illegible]	86.[illegible]	86.[illegible]	87.1	87.1	87.1	87.1	87.1	87.1
≥ 700	23.[illegible]	42.[illegible]	50.[illegible]	57.[illegible]	71.[illegible]	77.[illegible]	84.[illegible]	88.[illegible]	89.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]
≥ 600	23.[illegible]	42.[illegible]	50.[illegible]	57.[illegible]	71.[illegible]	78.[illegible]	85.[illegible]	89.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]
≥ 500	23.[illegible]	42.[illegible]	50.[illegible]	57.[illegible]	72.[illegible]	79.[illegible]	86.[illegible]	92.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]
≥ 400	23.[illegible]	42.[illegible]	50.[illegible]	57.3	72.5	79.9	87.[illegible]	94.[illegible]	94.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]
≥ 300	23.[illegible]	42.[illegible]	50.[illegible]	57.[illegible]	72.[illegible]	80.[illegible]	88.0	95.[illegible]	95.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 200	23.[illegible]	42.[illegible]	50.[illegible]	57.3	72.[illegible]	80.[illegible]	88.[illegible]	95.[illegible]	95.[illegible]	96.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 100	23.[illegible]	42.[illegible]	50.[illegible]	57.3	72.[illegible]	80.[illegible]	88.0	95.[illegible]	95.[illegible]	96.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 0	23.[illegible]	42.[illegible]	50.[illegible]	57.3	72.5	80.[illegible]	88.0	95.5	95.[illegible]	96.[illegible]	98.1	98.1	99.[illegible]	99.[illegible]	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 1[illegible]9

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																
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≥ 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

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AND 18000																
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AND 14000																
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AND 200																
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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																
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≥ 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																
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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																
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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
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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																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ 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																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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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																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T

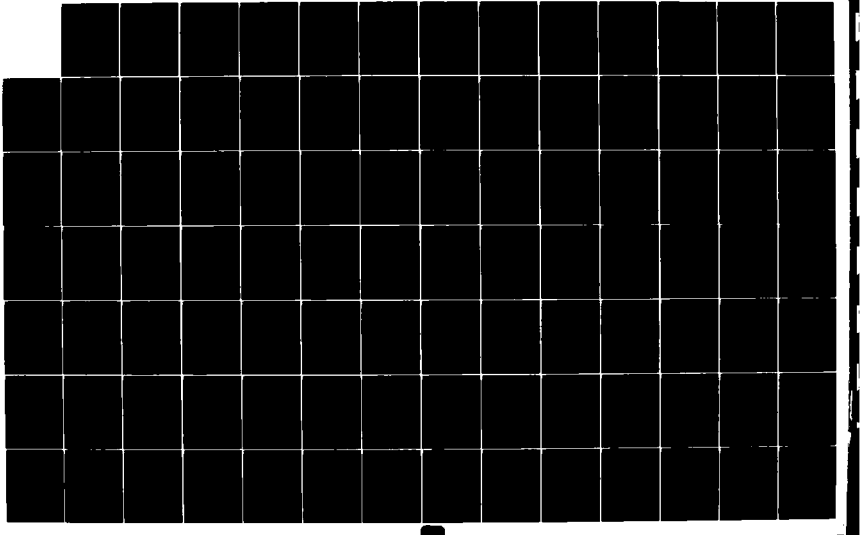
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 9	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥
NO CEILING																
≥ 20000																
≥ 18000																
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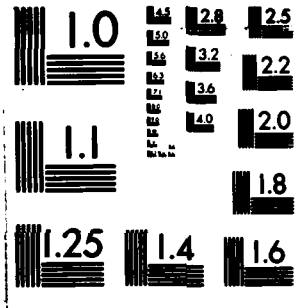
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD A150 439 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
(FMOORE CALIFORNIA)(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

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

[illegible] STATION | L[illegible]GE, PA STATION NAME | 73-76 YEARS | MAY 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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.5	57.1	59.7	59.7	67.1	60.3	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	62.7	63.2	65.9	66.5	67.1	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	62.7	63.2	65.9	66.5	67.1	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	62.7	63.2	65.9	66.5	67.1	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	64.0	64.5	66.8	67.7	68.4	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 12000	64.7	66.3	68.7	69.7	70.3	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	73.2	69.7	71.9	73.2	73.9	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 9000	74.2	70.3	72.4	74.2	74.5	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	74.6	71.9	74.5	76.3	76.6	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	76.3	73.4	76.1	77.7	78.4	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	78.2	75.2	77.7	79.4	80.2	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000	78.3	79.4	82.3	83.9	84.5	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	82.7	81.2	84.2	85.8	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	82.4	83.2	86.5	88.1	88.7	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	86.3	85.8	89.0	90.7	91.3	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	91.3	89.0	92.9	94.5	95.2	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	92.9	91.9	95.8	97.4	98.1	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	92.7	91.9	95.8	97.7	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	92.9	91.9	95.8	97.7	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	92.9	91.9	95.8	97.7	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	92.9	91.9	95.8	97.7	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	92.9	91.9	95.8	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.9	91.9	95.8	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	92.9	91.9	95.8	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.9	91.9	95.8	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.9	91.9	95.8	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	92.9	91.9	95.8	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	92.9	91.9	96.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.9	91.9	96.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.9	91.9	96.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.9	91.9	96.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.9	91.9	96.1	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23110 — STATION

LEMOORE, CA — STATION NAME

72-82 — YEARS

MAR — MONTH

22 — HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.5	65.6	67.4	68.1	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	37.7	70.1	72.3	72.9	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 18000	38.1	71.0	72.6	73.2	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	38.1	71.0	72.6	73.2	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	38.4	71.3	72.9	73.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	39.7	73.2	74.8	75.8	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	40.0	74.8	76.5	77.1	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	40.1	75.2	77.1	78.1	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 8000	41.1	77.4	79.4	80.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	41.3	78.1	80.1	81.1	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	42.3	81.1	82.9	84.2	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000	43.6	83.6	85.5	86.8	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500	44.5	85.2	87.1	88.4	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4000	44.8	86.0	88.1	90.3	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	46.1	88.7	90.7	92.3	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 3000	47.1	91.3	93.2	94.8	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	47.4	91.9	93.9	95.5	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	48.1	93.9	96.1	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	48.1	93.9	96.1	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	48.1	93.9	96.5	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	48.1	94.2	96.8	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	48.1	94.2	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	48.1	94.2	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	48.1	94.2	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	48.1	94.2	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	48.1	94.2	96.8	98.7	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) MAR (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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.2	52.2	54.9	56.1	57.6	58.2	58.8	59.0	59.1	59.2	59.2	59.2	59.3	59.4	59.4	59.4
≥ 20000	55.2	57.2	60.9	62.3	64.0	64.8	65.6	66.0	66.1	66.3	66.3	66.3	66.4	66.5	66.5	66.6
≥ 18000	55.4	58.1	61.2	62.6	64.3	65.0	65.9	66.3	66.3	66.5	66.5	66.5	66.7	66.7	66.8	66.9
≥ 16000	55.9	56.2	61.3	62.6	64.4	65.1	66.0	66.4	66.4	66.7	66.7	66.7	66.9	66.9	66.9	67.0
≥ 14000	55.9	59.1	62.2	63.6	65.5	66.3	67.2	67.6	67.7	67.9	67.9	67.9	68.1	68.1	68.2	68.3
≥ 12000	56.4	60.4	63.7	65.3	67.2	68.0	68.9	69.4	69.4	69.6	69.6	69.8	69.8	69.9	70.0	70.1
≥ 10000	57.9	63.3	66.6	68.2	70.1	71.1	72.1	72.5	72.6	72.9	72.9	72.9	73.1	73.1	73.2	73.3
≥ 9000	58.2	63.7	67.1	68.8	71.0	71.8	72.7	73.2	73.2	73.5	73.6	73.6	73.7	73.8	73.8	73.9
≥ 8000	59.6	66.6	70.3	72.1	74.5	75.3	76.3	76.8	76.9	77.1	77.2	77.2	77.3	77.4	77.5	77.6
≥ 7000	60.2	67.5	71.2	73.0	75.4	76.3	77.3	77.8	77.8	78.1	78.2	78.2	78.3	78.4	78.5	78.6
≥ 6000	60.7	68.9	72.7	74.6	77.0	77.9	79.0	79.5	79.6	79.8	79.9	79.9	80.0	80.1	80.2	80.3
≥ 5000	62.0	71.7	75.6	77.5	79.9	80.8	81.9	82.4	82.5	82.7	82.8	82.8	82.9	83.0	83.1	83.2
≥ 4500	62.6	72.6	76.6	78.7	81.2	82.1	83.1	83.7	83.7	84.0	84.0	84.0	84.2	84.2	84.4	84.4
≥ 4000	63.6	74.4	79.1	81.1	83.7	84.7	85.7	86.3	86.3	86.6	86.7	86.7	86.9	86.9	87.0	87.1
≥ 3500	65.7	77.9	81.9	83.8	86.6	87.5	88.6	89.2	89.3	89.5	89.6	89.6	89.8	89.8	90.0	90.1
≥ 3000	66.5	80.6	85.1	87.5	90.3	91.3	92.5	93.1	93.1	93.4	93.5	93.5	93.7	93.7	93.8	93.9
≥ 2500	67.4	82.4	87.1	89.4	92.3	93.4	94.5	95.1	95.2	95.5	95.6	95.6	95.8	95.8	95.9	96.0
≥ 2000	68.2	83.7	88.4	90.9	93.9	95.0	96.1	96.7	96.8	97.1	97.2	97.2	97.4	97.4	97.5	97.6
≥ 1800	68.2	83.8	88.5	91.1	94.0	95.1	96.2	96.9	97.0	97.3	97.4	97.4	97.5	97.6	97.7	97.7
≥ 1500	68.6	84.4	89.4	92.0	95.0	96.2	97.3	98.0	98.1	98.4	98.5	98.5	98.6	98.7	98.8	98.8
≥ 1200	68.6	84.5	89.6	92.2	95.2	96.4	97.6	98.2	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.1
≥ 1000	68.6	84.6	89.6	92.3	95.4	96.6	97.7	98.4	98.5	98.8	98.9	98.9	99.1	99.1	99.2	99.3
≥ 900	68.6	84.6	89.7	92.3	95.4	96.6	97.8	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.3	99.3
≥ 800	68.6	84.6	89.7	92.3	95.5	96.7	97.9	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.4	99.4
≥ 700	68.6	84.6	89.7	92.4	95.5	96.7	97.9	98.6	98.6	99.0	99.1	99.1	99.3	99.3	99.4	99.5
≥ 600	68.6	84.6	89.7	92.4	95.5	96.7	97.9	98.6	98.7	99.0	99.1	99.1	99.3	99.4	99.5	99.5
≥ 500	68.6	84.6	89.7	92.4	95.6	96.7	98.0	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.6	99.6
≥ 400	68.6	84.6	89.8	92.5	95.7	96.8	98.2	98.8	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
≥ 300	68.6	84.6	89.8	92.5	95.7	96.8	98.2	98.9	99.0	99.3	99.4	99.4	99.6	99.7	99.8	99.8
≥ 200	68.6	84.6	89.8	92.5	95.7	96.8	98.2	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	99.9
≥ 100	68.6	84.6	89.8	92.5	95.7	96.8	98.2	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	100.0
≥ 0	68.6	84.6	89.8	92.5	95.7	96.8	98.2	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2880

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 (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	86.7	78.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	87.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 18000	87.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	87.3	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 14000	87.3	82.0	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	88.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	89.0	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	89.0	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	89.3	87.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	91.7	88.3	88.3	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000	91.7	88.3	89.3	89.0	89.7	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000	93.7	91.7	91.0	91.7	91.7	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	93.7	91.7	91.7	92.3	92.3	92.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	93.7	92.0	92.3	93.0	93.0	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	94.3	94.0	94.3	95.0	95.0	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	95.0	96.7	97.0	97.7	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	95.7	97.3	97.7	98.3	98.3	98.3	98.7	99.0	99.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	95.7	97.7	98.0	98.7	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	95.7	97.7	98.0	98.7	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	95.7	98.0	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	95.7	98.3	98.3	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.7	98.3	98.3	99.0	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	95.7	98.3	98.3	99.0	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.7	98.7	98.3	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.7	98.3	98.3	99.0	99.3	99.3	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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.7	77.1	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	56.3	80.7	81.8	82.0	82.3	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3
≥ 18000	56.3	80.7	81.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3
≥ 16000	56.3	80.7	81.8	82.0	82.3	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3
≥ 14000	58.3	81.3	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0
≥ 12000	60.0	83.0	83.7	84.3	84.7	84.7	84.7	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.3	85.0
≥ 10000	60.7	84.7	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	61.7	85.0	85.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.3
≥ 8000	61.7	86.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3
≥ 7000	62.3	86.7	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.3
≥ 6000	62.7	87.1	88.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	63.3	89.3	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	63.7	89.3	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	64.3	90.3	91.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	64.3	93.0	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	64.7	94.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	64.7	95.0	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	64.7	95.7	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	64.7	96.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	64.7	96.7	97.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	64.7	96.7	97.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.7	96.7	97.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.7	96.7	97.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	64.7	96.7	97.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 326

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME L[illegible], CA YEARS 73-92 MONTH APR

HOURS (L S T) 07

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	5[illegible].[illegible]	7[illegible].[illegible]	70.[illegible]	71.0	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	72.[illegible]	73.[illegible]	73.3	7[illegible].[illegible]
≥ 20000	[illegible].[illegible]	76.[illegible]	77.3	78.[illegible]	79.0	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	80.[illegible]	80.[illegible]	[illegible].[illegible]
≥ 18000	[illegible].[illegible]	77.3	78.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	80.3	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	81.0	81.[illegible]
≥ 16000	[illegible].[illegible]	77.[illegible]	78.[illegible]	78.[illegible]	79.[illegible]	80.[illegible]	80.3	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	81.0	81.[illegible]
≥ 14000	8[illegible].[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	80.[illegible]	81.[illegible]	81.3	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	82.[illegible]
≥ 12000	8[illegible].[illegible]	79.[illegible]	80.[illegible]	80.[illegible]	81.[illegible]	82.[illegible]	82.3	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	82.[illegible]	83.[illegible]	83.[illegible]
≥ 10000	8[illegible].[illegible]	81.[illegible]	81.[illegible]	82.[illegible]	83.[illegible]	84.[illegible]	84.3	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	84.[illegible]	85.[illegible]	85.[illegible]
≥ 9000	8[illegible].[illegible]	81.[illegible]	82.[illegible]	83.[illegible]	84.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]	85.[illegible]
≥ 8000	8[illegible].[illegible]	83.[illegible]	84.[illegible]	85.[illegible]	86.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	87.[illegible]	88.[illegible]	88.[illegible]
≥ 7000	8[illegible].[illegible]	84.[illegible]	85.[illegible]	85.[illegible]	87.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]	88.[illegible]
≥ 6000	8[illegible].[illegible]	84.[illegible]	85.[illegible]	86.[illegible]	88.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	90.[illegible]	90.[illegible]
≥ 5000	8[illegible].[illegible]	84.[illegible]	85.[illegible]	86.[illegible]	88.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	89.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]
≥ 4500	8[illegible].[illegible]	86.[illegible]	87.[illegible]	88.[illegible]	90.[illegible]	90.[illegible]	90.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	91.[illegible]	92.[illegible]	92.[illegible]
≥ 4000	9[illegible].[illegible]	88.[illegible]	89.[illegible]	90.[illegible]	92.[illegible]	92.[illegible]	92.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	94.[illegible]	94.[illegible]
≥ 3500	9[illegible].[illegible]	89.[illegible]	90.[illegible]	92.[illegible]	94.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]
≥ 3000	9[illegible].[illegible]	90.[illegible]	91.[illegible]	92.[illegible]	95.[illegible]	95.[illegible]	95.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]
≥ 2500	9[illegible].[illegible]	91.[illegible]	91.[illegible]	93.[illegible]	95.[illegible]	96.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]	97.[illegible]
≥ 2000	9[illegible].[illegible]	91.[illegible]	92.[illegible]	94.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 1800	9[illegible].[illegible]	91.[illegible]	92.[illegible]	94.[illegible]	96.[illegible]	97.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
≥ 1500	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 1200	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 1000	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	97.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 900	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 800	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 700	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 600	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 500	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 400	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 300	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 200	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
≥ 100	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0
0	9[illegible].[illegible]	92.[illegible]	93.[illegible]	95.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	56.7	70.3	71.7	72.7	73.3	73.3	77.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 20000	63.3	78.3	79.7	81.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 18000	63.3	78.3	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	63.3	78.3	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	64.7	79.3	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	65.3	80.3	81.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 10000	67.0	82.0	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 9000	67.0	82.0	83.3	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	66.7	84.3	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000	66.7	84.3	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	69.3	84.0	85.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	69.3	85.7	87.0	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4500	70.3	86.7	88.0	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	71.3	88.0	89.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	73.0	90.0	91.3	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	75.7	94.3	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	75.7	94.7	96.3	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	75.7	95.0	96.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	75.7	95.0	96.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	75.7	95.7	97.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	75.7	96.0	97.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	76.0	96.3	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	76.0	96.3	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	76.0	96.3	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	76.0	96.3	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	76.0	96.3	98.0	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23230 LIVERMORE, CA 77-82 APR

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	69.7	65.7	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 20000	85.7	73.0	73.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 18000	85.7	73.7	74.3	75.3	75.3	75.3	75.3	75.3	75.7	75.3	75.3	75.3	75.3	75.3	75.3	75.7
≥ 16000	85.7	74.0	74.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	87.0	75.3	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.7
≥ 12000	88.7	77.0	77.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	79.7
≥ 10000	90.7	78.7	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	90.7	78.7	79.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.7
≥ 8000	90.7	79.0	79.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.7
≥ 7000	91.0	79.3	80.0	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	91.7	80.7	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.7
≥ 5000	92.3	82.7	83.3	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	94.3	84.3	85.0	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	86.3	87.7	88.3	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	89.7	91.3	92.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	91.3	94.0	95.0	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	92.7	95.7	97.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	92.3	96.7	98.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	92.3	96.7	98.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	92.3	96.7	98.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	92.3	96.7	98.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	92.3	97.7	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	92.3	97.3	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	92.3	97.0	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	92.3	97.0	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.3	97.0	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.3	97.0	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.3	97.0	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.3	97.7	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.3	97.7	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	97.3	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.3	97.0	98.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23117 (STATION) LEMOORE, CA (STATION NAME) 73-92 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 (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	72.7	69.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	75.3	76.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 18000	58.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 16000	58.3	78.7	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 14000	58.3	78.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	58.3	80.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 10000	61.3	82.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 9000	61.3	82.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	62.7	83.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	62.7	83.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	63.7	84.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	64.3	85.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4500	66.0	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	66.0	90.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	69.7	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	71.3	92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	72.7	92.7	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	73.3	92.7	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800	73.3	92.7	94.0	94.3	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	73.3	93.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 500	73.3	93.0	94.3	94.7	94.7	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	73.3	93.0	94.3	94.7	94.7	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	73.3	93.0	94.3	94.7	94.7	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	73.3	93.0	94.3	94.7	94.7	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	73.3	93.0	94.3	94.7	94.7	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	73.3	93.0	94.3	94.7	94.7	94.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2711 | L[illegible], CA | [illegible] | 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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	77.7	78.3	78.0	78.3	78.3	78.0	78.0	78.3	78.0	78.3	78.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 18000	[illegible]	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	91.7	92.3	92.7	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	92.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	93.0	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	96.7	97.3	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.7	100.0	100.0	100.0	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 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 _____

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	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
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≥ 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 MAY

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
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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

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

[illegible] STATION | [illegible], [illegible] STATION NAME | 73-92 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH 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																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 312

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2112 (STATION) | LEMOORE, CA (STATION NAME) | 73-82 (YEARS) | MAY (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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	87.7	79.4	79.7	79.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	93.3	86.4	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 18000	93.3	87.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	94.1	87.4	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000	94.4	88.1	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 12000	95.1	88.7	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 10000	96.1	89.7	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 9000	96.1	90.1	90.1	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 8000	97.1	91.1	91.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	97.4	91.4	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	97.7	91.9	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	98.1	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500	98.4	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	98.6	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	98.9	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.4	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.4	99.1	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

23131 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	65.7	82.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 20000	74.9	88.7	85.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 18000	74.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 16000	75.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 14000	75.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 12000	76.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 10000	78.5	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	78.7	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	79.1	93.5	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	79.1	93.5	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	79.4	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 5000	79.7	94.5	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	81.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	82.4	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	82.9	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	82.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	82.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	82.9	99.0	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	95.3	96.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 20000	76.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 18000	76.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 16000	76.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 14000	76.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 12000	76.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 10000	79.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 9000	79.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 8000	80.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 7000	80.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 6000	81.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 5000	81.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	81.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	81.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	81.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 3000	81.0	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	81.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	81.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 315

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

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

TOTAL NUMBER OF OBSERVATIONS 24 32

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 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 320

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

2911[illegible] L[illegible]NE, PA 77-[illegible] [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	93.7	93.7	93.7	93.7	[illegible]	93.7	[illegible]	93.7	93.7	93.7	93.7	[illegible]	93.7	93.7	[illegible]
≥ 20000	[illegible]	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]
≥ 18000	[illegible]	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]
≥ 16000	[illegible]	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	[illegible]
≥ 14000	[illegible]	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	[illegible]
≥ 12000	[illegible]	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	[illegible]
≥ 10000	[illegible]	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	[illegible]
≥ 9000	[illegible]	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	[illegible]
≥ 8000	[illegible]	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
≥ 7000	[illegible]	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	[illegible]
≥ 6000	[illegible]	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	[illegible]
≥ 5000	[illegible]	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	[illegible]
≥ 4500	[illegible]	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	[illegible]
≥ 4000	[illegible]	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]
≥ 3500	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 3000	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 2500	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 2000	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 1800	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 1500	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 1200	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 1000	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 900	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 800	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 700	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 600	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 500	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 400	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 300	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 200	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 100	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 0	[illegible]	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 07

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 1200																
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≥ 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) 1

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

TOTAL NUMBER OF OBSERVATIONS _____ 3[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 16

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 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 _____

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																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 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 _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 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) A-L

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 2400

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) 01

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

TOTAL NUMBER OF OBSERVATIONS 11

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS. VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	91.9	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 20000	91.9	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 18000	91.9	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 16000	91.9	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 14000	92.1	96.4	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 12000	92.4	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 10000	93.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 9000	93.1	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 8000	93.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 7000	93.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 6000	93.4	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 5000	94.1	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	94.1	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	94.1	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	94.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2500	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 2000	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.1	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 111

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (LST)

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

TOTAL NUMBER OF OBSERVATIONS [illegible] 11C

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS 316

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____ 31

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS 110

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ 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																
≥ 20000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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≥ 700																
≥ 600																
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≥ 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 _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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≥ 400																
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≥ 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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 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 _____

HOURS _____ L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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) 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																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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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																
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≥ 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) 7

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.4	64.1	67.5	71.2	75.4	79.2	79.2	79.3	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.7
≥ 20000	54.1	66.6	77.3	76.4	80.5	84.2	84.2	84.3	84.3	84.5	85.1	85.1	85.1	85.1	85.1	85.1
≥ 18000	74.1	68.6	73.4	76.4	80.6	84.5	84.5	84.8	84.9	84.8	85.1	85.1	85.1	85.1	85.1	85.1
≥ 16000	74.1	64.6	72.3	76.4	80.6	84.5	84.5	84.8	84.9	84.8	85.1	85.1	85.1	85.1	85.1	85.1
≥ 14000	75.1	70.6	76.7	78.3	82.5	86.4	86.4	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1
≥ 12000	77.1	71.7	76.7	79.3	83.4	87.4	87.4	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1
≥ 10000	79.1	75.7	81.6	84.1	88.4	92.3	92.3	92.6	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	79.1	76.1	81.9	84.5	88.7	92.6	92.6	92.9	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	79.1	76.2	82.5	85.1	89.3	93.2	93.2	93.5	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.1
≥ 7000	80.1	77.7	83.8	86.4	90.6	94.5	94.5	94.8	94.8	95.2	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	82.1	79.3	84.9	87.1	91.3	95.2	95.2	95.5	95.5	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 5000	84.1	79.8	85.3	88.4	92.6	96.4	96.4	96.8	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	84.1	79.9	85.4	88.7	92.9	96.8	96.8	97.1	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	84.1	80.1	85.4	88.7	93.2	97.1	97.1	97.4	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3500	84.1	80.4	86.7	89.3	93.5	97.4	97.4	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	84.1	81.6	88.0	90.6	94.8	98.7	98.7	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	84.1	81.6	88.0	90.6	94.8	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	84.1	81.6	88.0	90.6	94.8	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	84.1	81.6	88.0	90.6	94.8	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 900	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 800	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 700	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 600	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 500	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 400	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 300	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 200	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 100	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0
≥ 0	84.1	81.9	88.4	91.2	95.2	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 239

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																
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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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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TOTAL NUMBER OF OBSERVATIONS 312

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																
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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 (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAIL 18000																
AVAIL 16000																
AVAIL 14000																
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AVAIL 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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ 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																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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≥ 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) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 1?

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 2?

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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	1[illegible]	4[illegible]	47.7	57.7	65.7	[illegible]	71.[illegible]	71.[illegible]	71.7	72.[illegible]	72.7	72.7	73.7	73.[illegible]	73.[illegible]	[illegible]
≥ 20000	1[illegible]	42.7	5[illegible]	62.[illegible]	70.[illegible]	72.7	75.7	76.[illegible]	76.7	77.7	78.[illegible]	78.[illegible]	79.[illegible]	79.7	79.[illegible]	[illegible]
AVAI 18000	1[illegible]	42.[illegible]	5[illegible]	62.[illegible]	70.[illegible]	72.7	75.7	76.[illegible]	76.[illegible]	77.7	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	[illegible]
AVAI 16000	1[illegible]	42.[illegible]	5[illegible]	62.[illegible]	7[illegible]	72.7	75.7	76.[illegible]	76.7	77.7	78.[illegible]	78.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	[illegible]
AVAI 14000	1[illegible]	43.[illegible]	5[illegible]	62.[illegible]	71.[illegible]	73.7	77.[illegible]	77.7	78.[illegible]	79.[illegible]	79.3	79.3	79.3	79.7	79.7	[illegible]
AVAI 12000	[illegible]	45.[illegible]	53.7	65.7	74.[illegible]	[illegible]	79.7	[illegible]	[illegible]	81.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 10000	1[illegible]	47.[illegible]	5[illegible]	6[illegible]	77.[illegible]	79.[illegible]	83.7	[illegible]	[illegible]	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 9000	1[illegible]	48.7	55.7	67.[illegible]	77.3	79.7	83.[illegible]	[illegible]	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 8000	[illegible]	[illegible]	56.7	68.7	78.[illegible]	[illegible]	83.7	[illegible]	85.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 7000	[illegible]	[illegible]	56.7	68.7	78.[illegible]	[illegible]	83.7	[illegible]	85.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 5000	[illegible]	[illegible]	59.7	71.3	79.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
AVAI 0	[illegible]	[illegible]	62.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 320

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) ALL

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVI 18000																
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AVI 800																
AVI 700																
AVI 600																
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AVI 100																
AVI 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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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 (LST) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

SKY COVER

2'110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	01	20.-			19.4						16.1	43.5	6.4	310
	04	15.1			19.1						14.2	49.7	6.8	310
	07	9.0			19.4						18.4	53.2	7.6	310
	10	9.0			18.1						19.4	53.5	7.6	310
	13	5.7			18.5						27.7	47.1	7.7	310
	16	8.1			25.5						27.7	38.7	7.1	310
	19	17.7			27.1						17.7	37.4	6.2	310
	22	22.6			20.3						15.5	41.6	6.2	310
TOTALS		14.2			20.6						19.6	45.6	7.0	2480

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4

SKY COVER

27112 LEMOORE, CA 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		
FEB	01	33.3			21.3						16.7	28.7	5.0	242
	04	28.4			19.1						15.6	36.9	5.7	282
	07	7.8			27.3						25.9	39.0	7.0	282
	10	11.7			20.2						26.2	41.8	7.2	282
	13	13.3			25.9						27.7	36.2	6.9	282
	16	13.6			24.8						30.9	33.7	6.9	282
	19	16.7			33.3						20.9	29.1	5.8	282
	22	27.7			30.9						16.7	24.8	4.9	282
TOTALS		19.3			25.4						22.6	33.8	6.2	2256

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SKY COVER

23110 LEMOORE, CA 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		
MAR	01	38.1			21.6						15.2	25.2	4.5	310
	04	33.2			23.5						16.1	27.1	4.9	310
	07	13.9			30.0						29.4	26.8	6.2	310
	10	14.2			26.8						31.3	27.7	6.8	310
	13	11.7			21.9						39.7	27.1	6.9	310
	16	12.3			28.1						33.2	26.4	6.7	310
	19	15.2			34.2						31.9	18.7	5.8	310
	22	31.9			27.1						17.4	23.5	4.7	310
TOTALS		21.0			26.7						26.8	25.6	5.8	2490

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SKY COVER

[illegible] LEMOORE, CA 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		
[illegible]	01	54.7			1[illegible].3						12.[illegible]	16.3	[illegible].3	[illegible]
	[illegible]	53.3[illegible]			1[illegible].[illegible]						13.7	14.7	3.2	[illegible]
	[illegible]	3[illegible].7			27.7						22.0	13.[illegible]	4.2	[illegible]
	1[illegible]	3[illegible].[illegible]			29.[illegible]						24.[illegible]	16.3	4.7	[illegible]
	1[illegible]	21.[illegible]			33.7						27.[illegible]	18.[illegible]	[illegible].2	[illegible]
	1[illegible]	23.[illegible]			32.3						27.[illegible]	17.7	[illegible].2	[illegible]
	1[illegible]	24.3			41.3						21.3	13.[illegible]	4.5	[illegible]
	22	5[illegible].7			23.[illegible]						15.0	11.3	3.2	[illegible]
TOTALS		36.[illegible]			27.7						20.3	15.1	4.2	24[illegible]0

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4

SKY COVER

23110 LEMOORE, CA 73-82 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	01	69.0			17.1						8.4	5.5	1.8	310
	04	62.6			22.6						10.0	4.8	2.1	310
	07	44.8			30.3						14.2	10.6	2.3	310
	10	41.9			31.3						17.7	9.0	3.4	310
	13	37.4			28.7						22.9	11.0	4.0	310
	16	31.9			34.2						25.2	8.7	4.2	310
	19	33.5			36.8						23.2	6.5	3.9	310
	22	61.9			23.2						8.4	6.5	2.1	310
TOTALS		47.9			28.0						16.3	7.8	3.1	2480

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4

SKY COVER

23110	LEMOORE, CA	73-82	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	01	76.0			13.0						7.7	3.3	1.4	300
	04	62.7			26.0						8.3	3.0	1.8	300
	07	54.0			28.0						12.7	5.3	2.5	300
	10	47.3			30.7						17.3	4.7	2.9	300
	13	38.3			41.7						12.7	7.3	3.1	300
	16	35.3			44.3						13.3	7.0	3.2	300
	19	44.3			31.7						15.7	6.3	3.0	300
	22	69.3			17.0						10.3	3.3	1.8	300
TOTALS		53.7			29.1						12.3	5.0	2.5	2400

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SKY COVER

23110 LEMOORE, CA 73-82 JUL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	01	87.9			9.7						0.1	1.3	1.0	310
	04	76.5			16.1						6.1	1.3	1.2	310
	07	63.1			22.6						7.1	2.3	1.5	310
	10	61.0			28.4						9.4	1.3	1.6	31[illegible]
	13	55.2			32.3						10.3	2.3	2.1	31[illegible]
	16	53.9			31.6						11.6	2.9	2.3	310
	19	55.2			33.2						10.3	1.3	2.1	31[illegible]
	22	77.7			15.5						5.8	1.0	1.1	310
TOTALS		66.3			23.7						8.3	1.7	1.6	2480

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4

SKY COVER

Z 110 LEMOORE, CA 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		
[illegible]	01	77.7			13.9						6.5	1.6	1.2	31[illegible]
	04	77.7			15.2						4.8	2.3	1.1	31[illegible]
	07	5[illegible].6			26.[illegible]						1[illegible].0	2.6	2.0	31[illegible]
	10	5[illegible].4			26.8						11.6	3.2	2.2	31[illegible]
	13	53.[illegible]			30.6						12.6	3.2	2.4	31[illegible]
	16	5[illegible].0			34.2						1[illegible].3	3.5	2.5	31[illegible]
	19	53.2			34.5						10.0	2.3	2.2	31[illegible]
	22	72.6			19.4						5.8	2.3	1.3	31[illegible]
TOTALS		6[illegible].[illegible]			2[illegible].2						9.2	2.5	1.9	24[illegible]

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SKY COVER

2 110 LEMOORE, CA 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		
FEB	01	74.7			14.3						6.3	4.7	1.5	300
	04	74.0			15.0						6.0	5.0	1.5	300
	07	57.0			25.3						12.0	5.7	2.4	300
	10	55.3			25.0						13.0	6.7	2.6	300
	13	49.3			31.3						14.0	6.3	2.9	300
	16	50.3			27.7						14.7	5.3	2.7	300
	19	55.3			29.0						11.0	4.7	2.3	300
	22	72.0			17.0						6.3	4.7	1.5	300
TOTALS		62.0			23.3						10.4	5.4	2.2	2400

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SKY COVER

27110 LEMOORE, CA 73-82 07
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		
07	01	63.2			16.5						10.6	9.4	2.4	31
	04	59.7			22.3						8.7	9.4	2.4	310
	07	47.3			32.9						14.1	5.6	2.5	310
	10	44.2			27.1						21.3	7.4	3.5	31
	13	41.8			27.1						22.3	8.7	3.8	31
	16	41.9			24.9						24.5	8.4	3.8	31
	19	49.7			22.9						19.4	8.1	3.2	31
	22	67.3			18.1						11.3	10.3	2.6	310
TOTALS		56.0			24.0						17.1	9.0	3.2	2480

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SKY COVE

2 11C — STATION — LIVERMORE, CA — STATION NAME — 73-8[illegible] — PERIOD — [illegible] — MONTH

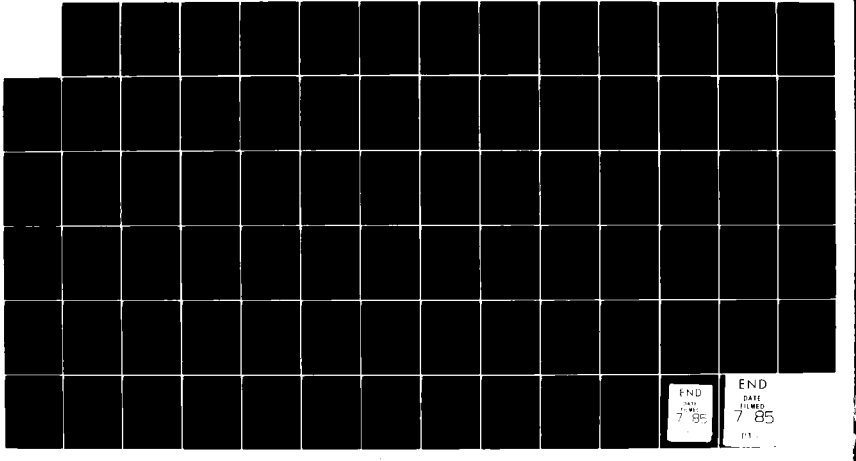
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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	37.			26.7						14.7	21.7	4.3	[illegible]
	04	32.7			29.3						11.3	26.7	4.6	[illegible]
	07	14.7			29.7						25.3	29.3	[illegible]	[illegible]
	10	18.7			29.3						24.0	30.0	[illegible]	[illegible]
	13	19.0			30.0						28.0	23.0	5.7	[illegible]
	16	20.0			28.3						27.7	24.0	5.7	[illegible]
	19	30.7			30.3						22.3	17.3	4.7	[illegible]
	22	35.7			29.0						13.7	21.7	4.3	[illegible]
TOTALS		25.7			29.1						21.0	24.2	5.2	24[illegible]

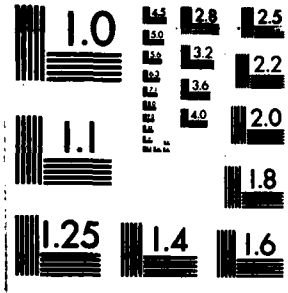
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AD A150 439 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
LEMOORE CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL



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

4

SKY COVER

23110 LEMOORE, CA 73-82 DEC

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		
DEC	01	21.6			21.0						19.0	38.4	6.2	310
	04	18.7			21.9						16.1	43.2	6.4	310
	07	9.4			24.8						22.9	42.9	7.1	310
	10	10.0			25.5						15.8	48.7	7.1	310
	13	8.7			25.8						22.9	42.6	7.1	310
	16	12.0			28.5						23.0	36.6	6.6	309
	19	22.0			29.4						16.5	32.0	5.6	309
	22	25.2			24.9						14.2	35.6	5.6	309
TOTALS		16.0			25.2						18.8	40.0	6.5	2477

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SKY COVER

23110 LEMOORE, CA 73-82 ALL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	14.2			20.6						19.6	45.6	7.0	2480
FEB		18.3			25.4						22.6	33.8	6.2	2256
MAR		21.0			26.7						26.9	25.6	5.8	2480
APR		36.8			27.7						20.3	15.1	4.2	2400
MAY		47.9			28.0						16.3	7.8	3.1	2480
JUN		53.7			29.1						12.3	5.0	2.5	2400
JUL		66.3			23.7						8.3	1.7	1.6	2480
AUG		63.0			25.2						9.2	2.6	1.9	2480
SEP		60.9			23.3						10.4	5.4	2.2	2400
OCT		50.0			24.0						17.1	9.0	3.2	2480
NOV		25.7			29.1						21.0	24.2	5.2	2400
DEC		16.0			25.2						18.8	40.0	6.5	2477
TOTALS		39.5			25.7						16.9	18.0	4.1	29213

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NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

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

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

. 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).

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DAILY TEMPERATURES

23110 LEMOORE, CA 61-82

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 110						1.3	1.6	.7					.3
≥ 105					.5	8.3	15.9	9.1	1.7				3.0
≥ 100				.3	4.9	24.1	54.8	39.3	11.2	.7			11.4
≥ 95				1.6	16.7	44.0	80.7	68.3	33.9	5.1			21.2
≥ 90			.2	6.3	33.3	64.0	92.5	86.4	55.9	15.8			29.9
≥ 85			1.5	15.7	54.2	82.2	98.4	95.6	78.3	32.8	.8		37.7
≥ 80		1.0	6.5	31.4	72.7	94.6	100.0	99.4	92.1	55.4	6.4	.1	47.1
≥ 75	.1	4.6	18.6	50.5	86.5	98.6		99.7	98.5	72.6	18.6	.6	54.2
≥ 70	2.8	17.9	37.6	70.0	94.8	99.8		100.0	99.7	88.3	31.2	2.1	67.3
≥ 65	11.1	38.6	64.5	85.6	98.3	100.0			100.0	97.9	53.2	9.4	71.6
≥ 60	25.4	66.6	85.6	96.5	99.5					99.7	74.7	26.1	81.2
≥ 55	49.6	86.2	97.1	99.4	100.0					100.0	92.0	50.4	89.5
≥ 50	74.8	97.5	99.7	100.0							98.3	74.6	95.3
≥ 45	89.9	99.5	100.0								99.7	90.7	98.3
≥ 40	98.3	100.0									100.0	97.9	99.7
≥ 35	99.8											100.0	100.0
≥ 30	100.0												100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
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≥													
≥													
≥													
MEAN	54.6	62.5	67.6	74.9	85.1	92.8	99.2	98.9	90.5	80.3	65.5	54.5	77.[illegible]
S.D.	7.642	7.273	7.822	9.183	9.247	8.481	5.71	6.862	7.462	8.569	8.255	7.467	17.723
TOTAL OBS.	[illegible]51	593	651	630	651	630	668	692	56[illegible]	682	66[illegible]	681	[illegible]9

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DAILY TEMPERATURES

2 11 STATION | L(MOORE, CA STATION NAME | 61-82 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
≥ [illegible]							1.5	1.9	.2				.7
≥ 7[illegible]						7.0	10.2	9.5	1.5				.1
≥ 6[illegible]					.2	13.3	32.8	27.0	7.7	.1			6.9
≥ [illegible]				.5	8.4	36.5	68.2	60.7	32.2	3.8	.2		17.8
≥ 55	.2	.3	.8	3.5	25.5	66.3	92.2	91.2	61.7	17.7	1.4	.3	35.5
≥ 50	4.3	7.3	8.3	14.6	61.6	92.4	99.7	99.1	87.4	44.1	8.8	3.4	44.7
≥ 45	13.1	21.6	24.4	41.6	86.0	99.4	100.0	100.0	97.6	72.1	27.9	10.6	58.2
≥ 40	31.2	49.4	58.1	76.2	96.8	100.0			100.0	90.8	52.9	27.3	73.5
≥ 35	52.7	73.7	83.1	95.7	99.7					98.1	77.1	53.0	86.1
≥ 30	79.4	91.7	97.5	100.0	100.0					99.9	92.9	80.0	95.1
≥ 25	91.7	99.3	99.7								99.1	94.0	98.6
≥ 20	99.4	100.0	100.0							100.0	100.0	99.7	99.9
≥ 15	99.8											100.0	100.0
≥ 10	100.0												100.0
≥													
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≥													
MEAN	3[illegible].5	3[illegible].2	4[illegible].4	4[illegible].5	51.[illegible]	57.6	62.2	61.4	56.4	48.3	40.0	35.4	47.6
S.D.	7.616	6.689	6.034	5.587	5.900	5.894	5.495	5.580	5.870	6.558	6.963	7.024	11.431
TOTAL OBS.	651	593	651	630	651	630	668	682	660	682	660	681	7839

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DAILY TEMPERATURES

2211 L MOORE, CA 61-82

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]						.6	3.6	2.3					.6
≥ [illegible]					.3	10.3	24.7	17.4	2.8				8.7
≥ [illegible]				.7	6.1	29.0	63.2	49.9	17.1	.4			14.1
≥ [illegible]				1.3	18.9	52.5	89.4	80.5	43.9	7.6			24.7
≥ [illegible]			.3	6.0	41.6	79.8	98.7	97.2	75.9	22.7			37.6
≥ 65		.2	3.4	22.2	72.2	96.3	100.0	99.9	94.3	51.0	2.4	.4	45.7
≥ 60	2.1	8.9	18.7	48.7	88.8	99.8		100.0	99.7	74.9	15.5	1.0	55.2
≥ 55	9.4	27.5	45.9	75.1	97.5	100.0			100.0	94.4	42.9	6.0	66.5
≥ [illegible]	24.1	54.3	79.6	94.3	100.0					99.1	69.5	22.2	79.0
≥ 45	50.1	89.4	97.4	99.7						99.7	89.5	51.4	89.7
≥ 40	82.8	99.2	99.8	100.0						100.0	100.0	83.3	97.6
≥ 35	96.5	100.0	100.0									98.8	99.9
≥ 30	99.4											100.0	99.9
≥ 25	100.0												100.0
≥													
≥													
≥													
≥													
≥													
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≥													
MEAN	[illegible].3	51.1	54.2	59.5	68.3	75.4	80.9	79.4	73.7	64.5	53.0	45.2	62.5
S.D.	[illegible].121	5.493	5.564	6.479	6.966	6.635	4.990	5.363	5.779	6.572	6.102	5.780	13.[illegible]37
TOTAL OBS.	[illegible]51	593	651	630	651	630	668	682	66[illegible]	682	[illegible]6	651	7 39

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

27110	L[illegible]	1962-1983	JANUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	4.9	48.9	9.4	63	17.2	1980	33.0	.6	21	-6.1	1979
2	[illegible]1.5	5.3	49.8	9.9	59	15.0	1980	33.1	.6	20	-6.7	1976
3	[illegible]2.2	5.7	50.6	10.3	62	16.7	1981	33.8	1.0	23	-5.0	1979
4	[illegible]2.0	5.6	[illegible].6	10.3	58	14.4	1975*	33.3	.7	20	-6.7	1973
5	43.6	6.4	51.9	11.1	63	17.2	1978	35.3	1.8	22	-5.6	1973
6	[illegible]2.2	5.7	51.7	10.9	64	17.8	1963	32.8	.4	23	-6.7	1977
7	[illegible]2.5	5.8	[illegible]1.6	10.9	64	17.8	1975	33.3	.7	23	-6.7	1973
8	[illegible]4.2	6.8	[illegible]3.3	11.8	65	18.3	1978*	35.0	1.7	25	-3.9	1982*
9	[illegible]4.[illegible]	7.2	53.7	12.1	69	20.0	1963	36.1	2.3	24	-4.4	1964
10	[illegible]5.4	7.4	53.8	12.1	66	18.9	1967	37.0	2.8	27	-2.8	1982
11	[illegible]5.3	7.4	[illegible]4.0	12.2	66	18.9	1980	36.6	2.6	24	-4.4	1964
12	[illegible]5.2	7.9	[illegible]5.2	12.9	71	21.7	1980	37.1	2.8	20	-6.7	1963
13	[illegible]5.[illegible]	7.8	[illegible]5.3	12.9	69	20.6	1981	36.8	2.7	15	-9.4	1963
14	[illegible].4	7.4	54.6	12.6	69	20.6	1981	36.2	2.3	18	-7.8	1963
15	[illegible]6.2	7.9	56.9	13.3	75	23.9	1974	36.3	2.4	20	-6.7	1963
16	[illegible]6.[illegible]	8.2	56.9	13.3	72	22.2	1970	37.6	3.1	20	-6.7	1963
17	[illegible]6.5	8.1	55.5	13.1	71	21.7	1981	37.6	3.1	20	-6.7	1963
18	[illegible]6.3	7.9	[illegible]5.5	13.1	74	23.3	1981	37.1	2.8	21	-6.7	1963
19	[illegible]6.9	8.3	56.9	13.3	78	25.6	1981	37.7	3.2	22	-5.6	1963
20	[illegible]7.2	8.4	56.5	13.6	73	22.8	1981	37.9	3.3	19	-7.2	1963
21	[illegible]7.2	8.4	57.5	14.2	72	22.2	1981	37.0	2.8	22	-5.6	1963
22	[illegible]6.2	7.9	56.9	13.8	71	21.7	1970	35.5	1.9	22	-5.6	1963
23	[illegible]6.3	7.9	57.7	14.3	74	23.3	1970	34.9	1.6	14	-10.0	1962
24	[illegible]5.[illegible]	7.7	56.5	13.6	68	20.0	1975	35.3	1.8	21	-6.1	1962
25	[illegible]5.6	7.6	57.5	14.2	72	22.2	1975	33.7	.9	24	-4.4	1966
26	[illegible]6.3	7.9	56.6	13.7	66	18.9	1976*	35.9	2.2	29	-1.7	1971
27	[illegible]5.6	7.6	[illegible]5.6	13.1	68	20.0	1981	35.6	2.0	26	-3.3	1979
28	[illegible]5.5	7.5	[illegible]5.2	12.9	71	21.7	1976	35.7	2.1	24	-4.4	1968
29	[illegible]5.5	7.5	[illegible]5.3	12.9	70	21.1	1976	35.6	2.0	23	-5.0	1979
30	[illegible]5.3	7.7	54.6	12.6	66	18.9	1976	37.0	2.8	25	-3.9	1975
31	[illegible]6.2	7.8	54.9	12.7	72	22.2	1976	37.2	2.9	28	-2.2	1975
Monthly	[illegible].1	7.3	54.5	12.5	78	25.6	1981	35.7	2.1	14	-10.0	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2116	LIVERMORE, CA	1962-1983	FEBRUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	46.6	8.1	55.5	13.1	73	22.8	1976	37.7	3.2	29	-1.7	1972
2	46.8	8.3	56.3	13.5	75	23.9	1976	37.4	3.0	28	-2.2	1972
3	47.2	8.4	58.2	14.6	75	23.9	1976	36.1	2.3	29	-1.9	1972
4	48.6	9.2	58.4	14.7	74	23.3	1963	39.8	3.8	29	-2.2	1979
5	49.2	9.6	58.6	14.8	78	25.6	1963	39.7	4.3	27	-2.8	1982
6	49.1	9.5	58.3	14.6	72	22.2	1963	40.0	4.4	29	-1.7	1982
7	49.3	9.6	60.0	15.6	72	22.2	1963	38.4	3.6	28	-2.2	1964
8	50.3	10.1	61.0	16.1	72	22.2	1975	39.4	4.1	29	-1.7	1982
9	50.6	10.3	59.9	15.5	67	19.4	1980	41.2	5.1	28	-2.2	1964
10	50.7	10.4	61.0	16.1	72	22.2	1974	40.5	4.7	29	-1.7	1965
11	50.5	10.3	62.0	16.7	74	23.3	1972	39.1	3.9	24	-4.4	1965
12	51.1	10.6	62.5	16.9	72	22.2	1981	39.7	4.3	25	-3.9	1965
13	51.5	10.8	62.4	16.9	72	22.2	1977*	40.6	4.8	27	-2.8	1966
14	51.8	11.0	63.2	17.3	73	22.8	1977*	40.4	4.7	25	-3.9	1966
15	51.3	10.7	63.3	17.4	81	27.2	1977	39.4	4.1	25	-3.9	1964
16	50.8	10.4	62.8	17.1	79	26.1	1977	38.9	3.8	24	-4.4	1966
17	51.6	10.9	63.5	17.5	74	23.3	1977	39.6	4.2	24	-4.4	1964
18	51.6	10.9	64.5	18.1	80	26.7	1977	38.6	3.7	28	-2.2	1964
19	52.8	11.6	65.0	18.3	80	26.7	1977	40.5	4.7	30	-1.1	1964
20	51.9	11.1	64.4	18.0	77	25.0	1982	39.5	4.2	31	-.6	1964
21	53.1	11.7	67.1	19.5	81	27.2	1982	39.1	3.9	28	-2.2	1971
22	52.6	11.4	65.5	18.6	79	26.1	1981	39.7	4.3	28	-2.2	1975
23	52.6	11.4	65.5	18.6	82	27.8	1981	39.7	4.3	32	.0	1975*
24	53.0	11.7	66.5	19.2	76	24.4	1970	39.5	4.2	28	-2.2	1965
25	52.7	11.5	65.7	18.7	77	25.0	1974	39.6	4.2	31	-.6	1977*
26	52.2	11.2	65.6	18.7	75	23.9	1970	38.8	3.8	25	-3.9	1964
27	53.2	11.9	66.5	19.2	79	26.1	1972	40.4	4.7	21	-6.1	1971
28	53.4	11.9	65.9	18.8	80	26.7	1975	40.8	4.9	25	-3.9	1971
29	54.1	12.3	65.6	18.7	76	24.4	1968	42.6	5.9	32	.0	1964
30												
31												
Monthly	51.3	10.6	62.5	16.9	82	27.8	1981	39.4	4.1	21	-6.1	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2211	L'MOORE, CA	1962-1983	A C
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	52.7	11.5	63.9	17.7	82	27.8	1975	41.5	5.3	28	-2.2	1971
2	51.8	10.8	63.1	17.3	75	23.9	1972	39.9	4.4	22	-5.6	1971
3	50.5	10.3	63.0	17.2	76	24.4	1972*	38.0	3.3	25	-3.9	1966
4	51.1	10.6	63.9	17.7	81	27.2	1968	38.4	3.6	23	-5.0	1966
5	52.1	11.2	64.6	18.1	83	28.3	1972	39.6	4.2	28	-2.2	1967
6	52.7	11.5	66.6	19.2	83	28.3	1972	38.8	3.8	26	-3.3	1971
7	53.5	11.9	66.5	19.2	84	28.9	1972	40.5	4.7	31	-.6	1971
8	53.0	12.2	67.3	19.6	84	28.9	1972	40.5	4.7	25	-3.9	1964
9	54.4	12.4	67.6	19.8	78	25.6	1979*	41.3	5.2	29	-1.7	1974
10	54.2	12.3	65.3	18.5	80	26.7	1983	43.2	6.2	33	.6	1971
11	54.5	12.5	66.5	19.2	77	25.0	1981*	42.5	5.8	31	-1.1	1974
12	54.7	12.3	65.8	18.8	76	24.4	1983	42.7	5.9	35	1.7	1976
13	53.0	11.6	65.6	18.7	79	26.1	1972	40.1	4.5	28	-2.2	1977
14	52.4	11.3	65.5	18.6	78	25.6	1972	39.3	4.1	30	-1.1	1977
15	53.5	11.9	67.4	19.7	84	28.9	1972	39.6	4.2	33	.6	1973
16	55.4	13.0	69.3	20.7	89	31.7	1972	41.5	5.3	34	1.1	1973
17	54.6	12.6	68.5	20.3	90	32.2	1972	40.8	4.9	30	-1.1	1966
18	54.0	12.2	67.5	19.7	82	27.8	1972	40.6	4.8	30	-1.1	1973
19	53.8	12.1	68.5	20.3	79	26.1	1972	39.0	3.9	30	-1.1	197
20	54.4	12.4	69.5	20.8	83	28.3	1972	39.4	4.1	32	.0	197
21	55.1	12.8	69.5	20.8	83	28.3	1963	40.7	4.8	34	1.1	197
22	55.3	12.9	69.3	20.7	81	27.2	1977*	41.2	5.1	31	-.6	1973
23	54.6	12.6	68.4	20.2	78	25.6	1966	40.9	4.9	33	.6	1974
24	54.3	12.7	69.7	20.9	78	25.6	1977	40.0	4.4	33	.6	1963
25	55.0	12.8	68.6	20.3	78	25.6	1966	41.4	5.2	31	-.6	1967
26	55.1	12.8	68.5	20.3	79	26.1	1969	41.8	5.4	32	.0	1977
27	56.7	13.7	70.7	21.5	81	26.7	1969*	42.8	6.0	27	-2.8	1972
28	55.6	13.1	70.3	21.3	84	28.9	1969	41.0	5.0	32	.0	1972
29	56.7	13.7	72.4	22.4	86	30.0	1969*	41.0	5.0	30	-1.1	1975
30	57.2	14.0	72.2	22.3	89	31.1	1968	42.2	5.7	30	-1.1	1967
31	56.5	13.6	70.5	21.4	87	30.7	1966	42.3	5.8	32	.0	1977
Monthly	54.1	12.3	67.6	19.8	90	32.2	1972	40.7	4.8	22	-5.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	LIMOGES, CA	1962-1983	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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	54.7	12.4	69.0	20.6	90	32.2	1966	40.7	4.8	3	-1.1	1967
2	54.9	12.7	69.1	20.6	87	30.6	1966	40.8	4.7	31	-.6	1963
3	55.5	13.1	71.0	21.7	88	31.1	1966	40.9	4.4	33	.6	1973*
4	57.5	14.2	72.8	22.7	86	30.0	1971	42.2	5.7	32	.	1973
5	59.3	15.1	74.4	23.6	91	32.8	1971	43.9	6.6	34	3.3	1973*
6	56.3	13.8	70.5	21.4	89	31.7	1977	43.3	6.3	35	1.7	1964
7	56.3	13.4	71.1	21.7	93	33.9	1977	41.1	5.2	32	.0	1975
8	57.1	13.9	73.0	22.8	85	29.4	1974	41.3	5.2	33	.6	1967
9	57.3	14.1	72.1	22.3	87	30.6	1968	42.5	5.8	36	2.2	1971
10	58.1	14.5	72.3	22.4	90	32.2	1969	44.1	6.7	37	2.8	1975
11	57.9	14.4	73.6	23.1	91	32.8	1968	42.3	5.7	37	2.8	1975
12	59.6	15.3	75.8	24.3	91	32.8	1962	43.5	6.4	36	2.2	1983
13	59.3	15.3	75.3	24.1	94	34.4	1962	43.6	6.4	35	1.7	1983
14	59.9	15.5	74.8	23.8	91	33.3	1962	45.1	7.3	36	2.2	1983*
15	59.4	15.2	75.1	23.9	94	34.4	1964	43.7	6.5	32	.0	1979
16	59.4	15.2	76.2	24.6	95	35.0	1966	42.5	5.8	30	-1.1	1967
17	59.4	15.2	75.1	23.9	92	33.3	1981	43.6	6.4	35	1.7	1976
18	57.6	14.2	71.7	22.1	90	32.2	1962	43.5	6.4	32	.0	1979
19	58.3	14.6	72.7	22.6	86	30.0	1983*	43.6	6.4	35	1.7	1967
20	59.1	14.7	74.4	23.6	87	30.6	1977	42.6	5.9	32	.0	1976
21	58.9	14.9	75.8	24.3	88	31.1	1977*	42.2	5.5	33	.6	1971
22	60.3	15.8	77.4	25.2	90	32.2	1962	43.7	6.5	35	1.7	1971
23	60.7	15.9	77.9	25.5	97	36.1	1962	43.6	6.4	36	2.2	1981
24	61.9	16.6	77.2	25.1	92	33.3	1966	46.7	8.2	36	3.3	1971*
25	60.3	15.7	76.3	24.6	95	35.0	1966	44.7	7.1	36	2.2	1969*
26	61.1	16.2	76.7	24.8	92	33.3	1973*	45.5	7.5	38	3.3	1975*
27	62.8	17.1	79.6	26.4	97	36.1	1965	46.0	7.8	37	2.8	1970
28	63.6	17.6	79.9	26.6	99	37.2	1965	47.2	8.4	33	.6	1979
29	63.3	17.4	80.2	26.9	100	37.8	1981	46.5	8.1	30	-1.1	1967
30	64.3	18.2	81.8	27.7	102	38.9	1981	47.8	8.8	35	1.7	1967
31												
Monthly	59.1	15.1	74.7	23.7	102	38.9	1981	43.6	6.4	30	-1.1	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	L MONT, [illegible]	1962-1983	[illegible]

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]	17.8	[illegible]	27.1	95	35.[illegible]	1981	47.3	8.5	[illegible]	1.1	196[illegible]
2	[illegible]	17.9	[illegible]	27.6	99	37.2	1966	46.8	8.2	[illegible]	1.7	196[illegible]
3	[illegible]	18.4	[illegible]	27.[illegible]	102	38.9	1966	48.[illegible]	8.9	[illegible]	1.1	19[illegible]
4	[illegible]	17.8	[illegible]	26.2	90	32.2	1980*	48.7	9.3	[illegible]	1.7	19[illegible]
5	[illegible]	16.8	[illegible]	25.6	92	33.3	1962	46.3	7.9	[illegible]	1.7	19[illegible]
6	[illegible]	16.7	[illegible]	25.5	92	33.3	1962	46.2	7.9	[illegible]	2.[illegible]	1977
7	[illegible]	17.9	[illegible]	27.2	97	36.1	1974*	47.5	8.6	[illegible]	2.8	1964
8	[illegible]	18.4	[illegible]	27.8	99	37.2	1974	48.5	[illegible]	[illegible]	3.[illegible]	19[illegible]
9	[illegible]	18.[illegible]	[illegible]	26.9	97	33.3	1974*	5[illegible]	10.0	[illegible]	3.[illegible]	1979
10	[illegible]	18.6	[illegible]	27.5	96	35.6	1969	49.4	9.7	[illegible]	5.[illegible]	19[illegible]
11	[illegible]	18.8	[illegible]	28.3	97	36.1	1969	48.7	9.3	[illegible]	[illegible].9	19[illegible]
12	[illegible]	19.6	[illegible]	29.2	102	38.9	1976	5[illegible].0	10.0	[illegible]	4.4	1963
13	[illegible]	20.3	[illegible]	30.1	105	40.6	1976	50.9	10.[illegible]	[illegible]	[illegible].3	1967
14	[illegible]	20.6	[illegible]	29.9	104	40.[illegible]	1972	52.4	11.3	[illegible]	6.7	1967
15	[illegible]	20.4	[illegible]	30.4	102	38.9	1972	50.9	10.5	[illegible]	6.7	196[illegible]
16	[illegible]	20.2	[illegible]	30.1	99	37.[illegible]	1973	50.5	10.3	[illegible]	6.1	1977
17	[illegible]	20.9	[illegible]	31.4	100	37.8	1973*	5[illegible].8	10.4	[illegible]	6.1	1977
18	[illegible]	21.5	[illegible]	31.7	103	39.4	1973	52.4	11.[illegible]	[illegible]	[illegible].[illegible]	19[illegible]
19	[illegible]	21.3	[illegible]	31.[illegible]	99	37.2	1978	52.[illegible]	11.[illegible]	[illegible]	5.6	19[illegible]
20	[illegible]	20.8	[illegible]	30.[illegible]	102	38.9	1966	52.1	11.2	[illegible]	2.[illegible]	1962
21	[illegible]	20.4	[illegible]	29.7	101	38.3	1967	52.[illegible]	11.1	[illegible]	6.1	197[illegible]
22	[illegible]	20.7	[illegible]	30.3	104	40.0	1967	52.[illegible]	11.1	[illegible]	7.2	196[illegible]
23	[illegible]	21.2	[illegible]	30.8	102	38.9	1967	53.[illegible]	11.[illegible]	[illegible]	5.6	198[illegible]
24	[illegible]	21.1	[illegible]	30.6	102	38.9	1982	52.[illegible]	11.6	[illegible]	4.4	198[illegible]
25	[illegible]	21.7	[illegible]	31.2	102	38.9	1982	53.7	12.1	[illegible]	2.8	196[illegible]
26	[illegible]	21.9	[illegible]	31.3	104	40.0	1974	54.6	12.6	[illegible]	[illegible].0	1962
27	[illegible]	21.6	[illegible]	30.7	107	41.7	1974	54.5	12.5	[illegible]	7.8	198[illegible]
28	[illegible]	21.9	[illegible]	31.6	104	40.[illegible]	1983	54.3	12.4	[illegible]	7.8	197[illegible]
29	[illegible]	22.3	[illegible]	31.9	107	41.7	1973	55.[illegible]	12.8	[illegible]	7.8	197[illegible]
30	[illegible]	22.5	[illegible]	32.5	104	40.0	1975	54.5	12.5	[illegible]	6.7	1967
31	[illegible]	22.3	[illegible]	32.1	103	39.4	1975	54.5	12.5	[illegible]	6.1	1962
Monthly	[illegible]	[illegible]	[illegible]	29.5	107	41.7	1974*	51.0	10.6	[illegible]	1.1	1967[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1962-1983	JUNE

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	72.2	88.9	31.6	111	39.3	1979	55.2	12.9	44	6.7	1971
2	[illegible]	72.3	89.1	31.7	103	39.4	1979*	55.4	13.0	46	7.8	1971
3	71.9	22.2	89.3	31.8	102	38.9	1979*	54.6	12.6	46	7.8	1967
4	72.3	22.7	91.1	32.8	101	38.7	1981*	54.6	12.6	44	6.7	1962
5	74.5	23.5	91.5	33.1	107	41.7	1981	57.1	13.9	46	7.8	1982
6	74.1	23.7	91.2	32.9	107	41.7	1978	58.1	14.5	47	8.3	1966
7	74.7	23.4	91.2	32.9	107	41.7	1977	57.3	14.1	48	8.9	19[illegible]
8	72.7	22.6	89.7	32.1	106	41.1	1973	55.6	13.1	47	8.3	1964
9	72.3	22.4	89.8	32.1	105	40.6	1973	56.3	13.8	48	8.9	1967
10	73.1	22.8	88.6	31.4	105	40.6	1975	55.6	13.1	43	6.1	1967
11	73.3	22.9	89.9	32.2	109	42.8	1979	55.2	12.9	43	8.9	1976
12	73.2	22.9	91.3	32.4	109	42.8	1979	56.1	13.4	46	8.9	1983
13	73.8	23.2	90.9	32.7	105	40.6	1975	56.8	13.8	50	10.0	1983
14	74.1	23.4	90.9	32.7	108	42.2	1966	57.3	14.1	49	9.4	198[illegible]
15	75.4	24.1	93.7	34.3	108	42.2	1966	57.1	13.9	47	8.3	1973
16	76.3	24.7	94.7	34.9	107	41.7	1963	58.3	14.6	49	9.4	1965
17	76.3	24.6	93.6	34.2	105	40.6	1963	58.7	14.8	5	10.0	1973
18	76.4	24.4	93.3	34.1	106	41.1	1968	58.7	14.8	49	9.4	1973
19	77.1	25.1	95.3	35.2	106	41.1	1962	59.0	15.0	49	9.4	1964
20	77.4	25.6	96.3	35.7	108	42.2	1973	59.6	15.3	51	10.6	1975
21	77.8	25.4	96.2	35.7	112	44.4	1973	59.4	15.2	51	10.6	1963
22	78.3	25.6	96.8	36.0	109	42.8	1981	59.3	15.2	51	10.6	1979
23	77.1	25.1	94.8	34.9	107	41.7	1964	59.4	15.2	5	10.0	1963
24	76.7	24.8	94.7	34.8	110	43.3	1964	58.7	14.8	48	8.9	1963
25	77.3	25.2	95.2	35.1	111	43.9	1977*	59.4	15.2	49	9.4	1975
26	77.1	25.3	95.3	35.2	105	41.1	1981*	58.8	14.9	49	9.4	1971
27	77.5	25.2	95.8	35.4	111	43.9	1976	59.8	14.9	51	10.6	1954
28	78.3	25.6	96.7	35.9	112	44.4	1976	59.3	15.2	50	10.0	1962
29	77.2	25.1	94.8	34.9	107	41.7	1972	59.7	15.4	47	8.3	1963
30	76.9	24.9	95.1	35.1	111	43.9	1972	58.8	14.9	50	10.0	1968
31												
Monthly	75.1	24.0	92.9	33.8	112	44.4	1976	57.6	14.2	43	6.1	19[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
2 110	L MOOR ,	1961-1983	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	77.5	25.3	95.8	35.4	110	43.3	1972	59.3	15.2	53	11.7	1973
2	76.9	24.9	94.8	34.4	107	41.7	1967	59.6	15.3	47	8.3	1963
3	77.5	25.3	95.5	35.3	11	43.3	1967	59.4	15.2	50	10.0	1966
4	78.4	25.8	97.0	36.1	11	43.3	1967	59.8	15.4	49	9.9	1964
5	79.6	26.6	98.3	36.8	111	43.3	1968	61.3	16.3	52	11.1	1964
6	79.3	26.1	97.7	36.5	104	40.0	1968*	60.2	15.7	52	11.1	1969
7	77.9	25.5	96.1	35.6	102	38.9	1967	59.7	15.4	53	11.7	1973
8	78.3	25.7	96.5	35.8	104	40.0	1965	60.1	15.6	53	11.7	1983
9	78.7	25.9	96.7	35.9	107	41.7	1978	60.7	15.9	48	8.9	1983
10	79.1	26.2	97.9	36.6	106	41.1	1973	60.4	15.8	53	11.7	198
11	79.7	26.5	98.8	37.1	106	41.1	1968*	60.6	15.9	52	11.1	1971
12	80.3	26.7	98.8	37.1	11	43.3	1967	61.1	16.2	51	10.6	1966
13	81.3	27.2	100.0	37.8	110	43.3	1972*	62.8	16.7	52	11.1	1982
14	81.8	27.8	101.3	38.5	113	45.0	1972	62.8	17.1	54	12.2	1966
15	81.8	27.8	100.2	37.9	112	44.4	1972	63.8	17.7	54	12.2	1966
16	81.3	27.4	99.3	37.4	109	42.8	1979	63.3	17.4	52	11.1	1963
17	80.9	26.9	98.6	37.0	107	41.7	1977	62.1	16.7	54	12.2	1982*
18	81.2	27.3	99.7	37.6	108	42.2	1961	62.8	17.1	55	12.8	1963
19	81.5	27.6	100.0	37.8	111	43.9	1968	63.1	17.3	55	12.8	1981
20	81.0	27.2	99.1	37.3	109	42.8	1968	62.7	17.1	53	11.7	1972
21	80.6	27.0	99.0	37.2	108	42.2	1969	62.2	16.8	52	11.1	1973
22	81.3	27.7	100.0	38.3	105	42.2	1967	62.5	16.9	56	13.3	1973
23	82.7	28.2	101.3	38.8	108	42.2	1974	63.4	17.4	55	12.8	1973
24	82.3	27.9	101.0	38.3	108	42.2	1975*	63.7	17.6	55	12.8	1973
25	82.0	27.8	100.4	38.0	109	42.8	1975*	63.6	17.6	55	12.8	1983
26	82.1	28.1	101.7	38.7	113	45.0	1975	63.6	17.6	54	12.2	1963
27	82.9	28.2	101.5	38.6	108	42.2	1980*	64.1	17.8	54	12.2	1972
28	83.1	28.3	101.5	38.6	108	42.8	1980	64.5	18.1	56	13.3	1979
29	82.7	28.2	100.9	38.3	10	42.2	1980	64.6	18.1	57	13.9	1967
30	81.3	27.4	98.4	36.9	10	41.1	1977	64.1	17.8	54	12.2	1961
31	81.3	27.4	100.0	37.8	10	41.7	1979	62.8	17.1	55	12.8	1961
Monthly	80.5	27.0	99.1	37.2	113	45.0	1975*	62.1	16.7	47	8.3	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2110	L MOOR[illegible], [illegible]	1961-1983	AUGUST
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	81.9	27.7	100.5	38.1	107	41.7	1979*	63.3	17.4	56	13.3	1975*
2	82.[illegible]	28.1	101.3	38.5	110	43.3	1971	63.7	17.6	57	13.9	1982*
3	81.5	27.6	99.9	37.7	107	41.7	1975	63.3	17.4	51	10.6	1963
4	81.[illegible]9	27.2	99.2	37.3	110	43.3	1975	62.7	17.1	55	12.8	1963
5	80.3	26.8	99.[illegible]	37.2	108	42.2	1978	61.7	16.[illegible]	56	13.3	1968*
6	81.2	27.3	99.5	37.5	110	43.3	1978	62.8	17.1	56	13.3	1962
7	82.[illegible]	27.8	99.2	37.3	109	42.8	1983	64.[illegible]	18.2	54	12.2	1975
8	81.[illegible]	27.7	99.9	37.7	109	42.8	1981	63.8	17.7	56	13.3	1976
9	82.2	27.9	100.3	37.9	108	42.2	1981*	64.2	17.9	58	14.4	1973
10	82.9	28.3	100.1	37.8	108	42.2	1971	65.8	18.8	53	11.7	1973
11	81.8	27.7	99.1	37.3	106	41.1	1971	64.6	18.1	56	13.3	1962
12	81.[illegible]	27.2	98.1	36.7	108	42.2	1967	63.8	17.7	55	12.8	1964
13	79.1	26.2	96.1	35.6	108	42.2	1967	62.[illegible]	16.7	55	12.8	1963
14	77.8	25.4	94.7	34.8	109	42.8	1967	61.[illegible]	16.1	51	10.6	1980
15	79.[illegible]	26.3	96.7	35.9	112	44.4	1967	62.[illegible]	16.7	52	11.1	1972
16	79.[illegible]	26.6	97.6	36.4	109	42.8	1967	62.[illegible]	16.7	51	10.6	1972
17	79.[illegible]	26.4	97.0	36.1	108	42.2	1967	62.[illegible]	16.7	48	8.9	1968
18	79.[illegible]	26.1	96.1	35.6	111	43.9	1967	61.9	16.6	54	12.2	1963
19	77.[illegible]	25.5	94.4	34.7	111	43.[illegible]	1967	61.4	16.3	53	11.7	1963
20	77.[illegible]	25.0	94.3	34.6	106	41.1	1967	59.6	15.3	53	11.7	1974*
21	77.7	25.4	95.7	35.4	104	40.0	1967*	59.7	15.4	52	11.1	1965
22	77.[illegible]	25.2	94.8	34.9	104	40.0	1967	59.8	15.4	51	10.6	1968
23	77.[illegible]	25.2	95.0	35.[illegible]	104	40.0	1982*	59.7	15.4	48	8.9	1973
24	77.0	25.0	94.3	34.6	105	40.6	1974*	59.8	15.4	48	8.9	1963
25	77.6	25.3	94.8	34.9	105	40.6	1974	60.3	15.7	52	11.1	1963
26	76.[illegible]	24.6	93.8	34.3	105	40.6	1967	58.7	14.8	49	9.4	1963
27	76.2	24.6	94.6	34.8	104	40.0	1967*	57.[illegible]	14.4	50	10.0	1966
28	77.7	25.4	95.5	35.3	106	41.1	1981	59.9	15.5	53	11.7	198[illegible]
29	77.4	25.2	95.1	35.1	104	40.0	1981*	59.7	15.4	48	8.9	1962
30	76.4	24.7	93.7	34.3	107	41.7	1968	59.1	15.1	50	10.0	1966
31	76.[illegible]	24.6	93.5	34.2	108	42.2	1967	59.0	15.0	52	11.1	1963
Monthly	79.[illegible]	26.3	96.9	36.1	112	44.4	1967	61.6	16.4	48	8.9	1973*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2[illegible]10	L[illegible]NDO[illegible], [illegible]	1961-1993	[illegible]EPTEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	76.0	24.4	93.7	34.3	103	39.4	1976	58.3	14.6	48	8.9	1971
2	77.4	25.2	95.1	35.1	105	40.6	1976	59.7	15.4	48	8.9	1944
3	77.4	25.2	96.0	35.6	102	38.9	1976*	58.8	14.9	48	8.9	1944
4	76.5	24.7	93.4	34.1	103	39.4	1975	59.6	15.3	50	10.0	1962
5	77.5	25.3	95.0	35.0	105	40.6	1975	59.9	15.5	51	10.6	1944
6	77.2	25.1	94.5	34.7	107	41.7	1977	59.9	15.5	47	8.3	1964
7	76.5	24.7	94.2	34.6	105	41.1	1977	58.7	14.8	47	8.3	1964
8	76.7	24.4	93.0	33.9	106	41.1	1982	59.0	15.0	47	8.3	1978
9	76.8	24.9	93.8	34.3	104	40.0	1977	59.8	15.4	49	9.4	1965
10	75.7	24.3	93.0	33.9	102	38.9	1971*	58.4	14.7	52	11.1	1961
11	75.4	24.1	92.8	33.8	101	38.3	1981*	58.0	14.4	46	7.8	1972
12	75.4	24.1	92.9	33.8	106	41.1	1983	58.0	14.4	49	9.4	1966
13	73.5	23.1	90.7	32.6	106	41.1	1971	56.3	13.5	44	6.7	1972
14	72.3	22.4	89.1	31.7	106	41.1	1971	55.4	13.0	44	6.7	198[illegible]
15	72.9	22.7	90.5	32.5	107	41.7	1971	55.3	12.9	42	5.6	197[illegible]
16	72.9	22.7	89.8	32.1	105	40.6	1971	56.0	13.3	46	7.8	197[illegible]
17	72.5	22.5	88.7	31.5	102	38.9	1979	56.3	13.5	48	9.9	1977*
18	71.9	22.2	86.8	30.4	102	38.9	1968	57.0	13.9	46	7.8	1961
19	70.7	21.5	86.7	30.4	98	36.7	1974*	54.7	12.6	43	6.1	1978
20	70.0	21.1	87.0	30.6	100	37.8	1967	53.0	11.7	43	6.1	1978
21	69.6	21.0	87.2	30.7	99	37.3	1974	52.3	11.3	41	5.0	1968
22	71.4	21.9	89.1	31.7	100	37.8	1974	53.7	12.1	42	5.6	1955
23	71.4	21.9	89.4	31.9	100	37.8	1974	53.4	11.9	45	7.2	1966
24	72.8	22.7	90.1	32.3	99	37.2	1974*	55.5	13.1	49	9.4	1973
25	72.3	22.4	88.7	31.5	101	38.3	1978	56.0	13.3	48	8.9	1973
26	72.0	22.2	89.0	31.7	105	40.6	1963	55.1	12.8	47	8.3	1971
27	72.3	22.2	88.5	31.4	103	39.4	1963	55.5	13.1	48	8.9	1962
28	71.5	21.9	88.0	31.1	99	37.2	1970	55.0	12.8	45	7.2	1971
29	70.8	21.6	85.6	29.8	100	37.8	1969	56.0	13.3	44	6.7	1965
30	70.3	21.2	86.5	30.3	98	36.7	1978	53.9	12.2	41	5.0	1982
31												
Monthly	73.4	23.1	90.6	32.6	107	41.7	1977*	56.6	13.7	41	5.0	1982*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2 110	L MOORE, CA	1961-1963	OCTOBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible].4	21.3	[illegible].3	30.6	100	37.8	1980	53.8	12.1	43	6.1	1982*
2	[illegible].2	21.2	[illegible].3	30.7	100	37.8	1980	53.2	11.8	40	4.4	1971
3	[illegible].7	21.9	[illegible].2	29.6	100	37.8	1980	[illegible].2	12.3	42	5.6	1973
4	[illegible].0	21.1	[illegible].6	30.3	102	38.9	1980	53.3	11.8	44	6.7	1975
5	[illegible].7	20.9	[illegible].3	30.2	98	36.7	1980	53.1	11.7	42	5.6	1969*
6	[illegible].0	20.6	[illegible].4	30.2	96	35.6	1971	51.5	10.8	39	3.9	1962
7	[illegible].2	19.6	[illegible].6	28.1	97	36.1	1971	51.9	11.1	40	4.4	1967
8	[illegible].4	19.1	[illegible].6	28.1	99	37.2	1980	50.3	10.2	40	4.4	1975
9	[illegible].2	19.6	[illegible].3	28.5	98	36.7	1971	51.1	10.6	38	3.3	1961
10	[illegible].3	19.6	[illegible].4	28.6	94	34.4	1971*	51.2	10.7	37	2.8	1961
11	[illegible].6	19.2	[illegible].6	28.1	93	33.9	1964	50.7	10.4	40	4.4	1973
12	[illegible].3	19.4	[illegible].7	28.2	97	36.1	1964	51.0	10.6	38	3.3	1981
13	[illegible].3	18.9	[illegible].1	27.8	96	35.6	1978	49.9	9.9	38	3.9	1981
14	[illegible].3	18.5	[illegible].5	27.5	99	37.2	1978	49.1	9.5	36	2.2	1966
15	[illegible].6	18.1	[illegible].3	26.8	101	38.3	1961	49.0	9.4	38	3.3	1962
16	[illegible].5	17.5	[illegible].1	26.2	96	35.6	1961	47.9	8.8	38	3.3	1966
17	[illegible].3	17.4	[illegible].8	26.6	95	35.0	1974	46.8	8.2	36	2.2	1962
18	[illegible].1	17.2	[illegible].7	26.5	94	34.4	1961	46.2	7.9	34	1.1	1971
19	[illegible].6	18.1	[illegible].2	27.3	90	32.2	1981	48.0	8.9	36	2.2	1969
20	[illegible].1	17.2	[illegible].5	25.8	90	32.2	1964	47.5	8.6	36	2.2	1969
21	[illegible].5	16.9	[illegible].3	25.7	93	33.9	1964	46.7	8.2	37	2.8	1969
22	[illegible].7	17.1	[illegible].0	26.1	90	32.2	1965	46.5	8.1	35	1.7	1961
23	[illegible].0	16.7	[illegible].3	25.6	94	34.4	1965	46.0	7.8	30	-1.1	1961
24	[illegible].0	16.7	[illegible].7	25.4	91	32.8	1966	46.2	7.9	33	.6	1975
25	[illegible].0	16.7	[illegible].9	25.5	93	33.9	1966	46.2	7.9	33	.6	1971
26	[illegible].1	15.6	[illegible].0	23.9	88	31.1	1983	46.3	7.8	34	1.1	1971
27	59.8	15.4	[illegible].7	23.7	89	31.7	1983	45.0	7.2	35	1.7	1975
28	[illegible].9	15.5	[illegible].3	24.1	91	32.8	1968	45.5	6.9	33	.6	1975
29	[illegible].2	14.6	[illegible].8	22.7	86	30.0	1965	43.7	6.5	30	-1.1	1971
30	[illegible].3	14.0	[illegible].2	22.3	86	30.0	1965	42.3	5.7	24	-4.4	1971
31	[illegible].3	14.4	[illegible].7	23.2	96	35.0	1980*	42.3	5.7	32	.0	1972*
Monthly	[illegible].5	18.1	[illegible].4	26.9	102	38.9	1980	48.5	9.2	24	-4.4	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

3110	L MOOR[illegible], [illegible]	1961-1983	NOVEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]2	14.6	74.6	23.7	87	30.6	1962	41.9	5.5	28	-2.2	1971
2	[illegible]7	14.6	74.1	23.4	86	30.0	1966	42.3	5.7	29	-1.7	1971
3	[illegible]5	14.7	74.7	23.7	83	28.3	1962	42.3	5.7	34	1.1	1971
4	[illegible]5	14.7	73.3	22.9	85	29.4	1980	43.6	6.4	27	-2.6	1973
5	57.7	14.3	71.5	21.9	83	28.3	1987	43.9	6.6	33	.6	1973
6	56.5	13.6	70.0	21.1	82	27.8	1978*	43.0	6.1	36	2.2	1978*
7	57.3	14.1	71.9	22.2	83	28.3	1980	42.7	5.9	32	.0	1977
8	56.7	13.7	70.9	21.6	81	27.2	1978*	42.5	5.8	32	.0	1963
9	56.3	13.3	70.3	21.3	80	26.7	1978*	41.8	5.4	33	.6	1975
10	56.1	13.4	69.1	20.6	81	27.2	1973	43.0	6.1	33	.6	1966
11	55.[illegible]	13.2	67.8	19.9	77	25.0	1962	43.7	6.5	34	1.1	1982
12	54.7	12.6	67.3	19.6	77	25.0	1981*	42.0	5.6	31	-.6	1975
13	53.7	12.1	65.7	18.7	78	25.6	1969	41.7	5.4	33	.6	1961
14	54.[illegible]	12.2	66.2	19.0	80	26.7	1967	41.8	5.4	30	-1.1	1978
15	53.7	12.1	65.7	18.7	79	26.1	1981	41.6	5.3	30	-1.1	1978
16	52.3	11.3	63.9	17.7	79	26.1	1981	40.8	4.9	27	-2.8	1971
17	52.6	11.4	64.1	17.8	78	25.6	1967	41.1	5.1	27	-2.8	1971*
18	50.4	10.2	63.2	17.3	74	23.3	1966	37.6	3.1	22	-5.6	1961
19	49.6	9.8	62.6	17.0	78	25.6	1966	36.5	2.5	25	-3.9	1964
20	49.8	9.9	62.5	16.9	76	24.4	1974	37.2	2.9	24	-4.4	1964
21	49.5	9.7	61.3	16.3	71	21.7	1981	37.6	3.1	25	-3.9	1964
22	49.9	9.9	60.6	15.9	73	22.8	1980	39.2	4.0	29	-2.2	1963
23	49.7	9.8	60.2	15.7	75	23.9	1981	39.3	4.1	30	-1.1	1974*
24	49.1	9.5	61.0	16.1	71	21.7	1974	37.1	2.8	27	-2.8	1966
25	48.2	9.0	59.0	15.0	69	20.6	1977*	37.5	3.1	26	-3.3	1966
26	47.3	8.5	59.2	15.1	70	21.1	1962	35.5	1.9	26	-3.3	1969
27	47.7	8.7	59.4	15.2	67	19.4	1982*	36.0	2.2	24	-4.4	1969
28	47.5	8.6	58.4	14.7	66	18.9	1970	36.6	2.6	22	-5.6	1969
29	47.6	8.7	59.8	15.4	69	20.6	1980	35.4	1.9	26	-3.3	1975*
30	47.[illegible]	8.8	59.4	14.7	72	22.2	1973	37.4	3.0	23	-5.0	1969*
31												
Monthly	52.[illegible]	11.6	65.6	18.7	87	30.6	1962	40.1	4.5	22	-5.6	1969*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2 110 | LEMOORE, CA | 1961-1983 | DECEMBER
STATION | STATION NAME | YEARS | MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	48.4	9.1	57.3	14.6	68	20.0	1983	39.5	3.6	29	-1.7	1963
2	47.3	8.5	57.9	14.4	71	21.7	1979	36.7	2.6	24	-4.4	1959
3	47.6	8.7	56.3	13.6	77	25.0	1979	36.9	2.7	26	-3.3	1959
4	46.7	8.2	57.1	13.9	69	20.6	1979	36.2	2.3	24	-4.4	1968
5	45.3	7.7	55.6	13.1	67	19.4	1962	36.0	2.2	25	-3.9	1973
6	45.2	7.3	54.6	12.6	69	20.9	1966	35.7	2.1	28	-2.2	1975
7	45.5	7.5	54.8	12.7	69	20.6	1979	36.2	2.3	24	-4.4	1973
8	44.5	6.9	54.3	12.4	74	23.3	1979	34.7	1.5	22	-5.6	1976
9	44.5	6.9	54.7	12.6	67	19.4	1979	34.3	1.3	23	-5.[illegible]	1971
10	44.6	7.0	54.8	12.7	65	18.3	1983	34.4	1.3	23	-5.[illegible]	198[illegible]
11	44.8	7.1	54.7	12.6	65	18.3	1969	34.8	1.6	24	-4.4	198[illegible]
12	43.5	6.4	54.3	12.4	69	20.6	1969	32.7	.4	22	-5.6	198[illegible]
13	44.1	6.7	54.3	12.4	70	21.1	1969	33.7	.9	24	-4.4	1983
14	44.3	6.8	54.0	12.2	75	23.9	1962	34.5	1.4	23	-5.0	1967
15	45.1	7.2	55.2	12.9	77	25.0	1962	34.7	1.5	24	-4.4	1980
16	44.5	6.9	54.8	12.7	69	20.6	1980	34.3	1.3	23	-5.0	1967
17	45.1	7.3	55.2	12.9	66	18.9	1980*	34.9	1.6	21	-6.1	1971
18	44.6	7.0	55.0	12.8	71	21.7	1979	34.3	1.3	21	-6.7	1971
19	45.2	7.3	54.7	12.6	80	26.7	1981	35.7	2.1	21	-6.1	1975
20	45.6	7.9	55.7	13.2	72	22.2	1969	36.3	2.4	22	-5.6	1971
21	45.3	7.9	54.9	12.7	69	20.9	1969	37.5	3.1	22	-5.6	1968
22	46.4	8.0	54.8	12.7	72	22.2	1964	38.1	3.4	22	-5.6	1968
23	45.7	7.6	54.2	12.3	72	22.2	1964	37.3	2.9	22	-5.6	1965
24	46.1	7.8	54.3	12.4	73	22.8	1964	37.8	3.2	25	-3.9	1974
25	45.1	7.3	54.0	12.2	67	19.4	1983	36.2	2.3	24	-4.4	1962
26	44.5	6.9	52.4	11.3	59	15.0	1983*	36.5	2.5	21	-6.7	1962
27	45.0	7.2	53.8	12.1	63	17.2	1983	36.2	2.3	18	-7.8	1962
28	45.0	7.2	53.3	11.8	66	18.9	1977	36.8	2.7	22	-5.6	1962
29	44.6	7.0	53.4	11.9	68	20.0	1977	35.8	2.1	19	-7.2	1962
30	44.1	6.7	52.4	11.3	66	18.9	1981	35.7	2.1	24	-4.4	1969
31	43.2	6.2	50.1	10.1	60	15.6	1979	34.2	1.2	23	-5.0	1978
Monthly	45.2	7.3	54.7	12.6	80	26.7	1981	35.7	2.1	18	-7.8	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

23110 | LEMOORE, CA | 61-82
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
61								105	101	101	91	85	
62	63	67	80	97	97	107	105	106	102	93	87	77	107
63	68	78	83	84	100	105	106	108	105	95	76	73	108
64	66	71	86	94	97	111	108	105	99	97	75	73	111
65	69	74	81	99	101	100	106	104	96	96	81	61	106
66	66	76	89	95	102	108	106	108	102	94	86	68	108
67	67	78	78	89	104	109	110	112	101	90	83		
68	69	76	88	98	101	109	111	107	102	91	74	66	111
69	69	66	86	88	99	96	108	104	103	93	83	72	108
70	74	78	78	80	98	103	104	104	102	95	80	64	104
71	67	73	82	91	96	104	106	110	107	98	76	69	110
72	68	79	90	94	104	111	113	105	102	93	77	63	113
73	69	70	91	93	107	112	108	107	98	92	81	63	112
74	75	77	80	92	107	106	109	107	106	96	82	67	109
75	72	80	82	83	104	105	113	109	105	97	82	67	113
76	72	75	86	86	105	112	108	106	105	92	82	69	112
77	65	81	81	93	101	111	107	104	107	93	82	68	111
78	65	71	84	84	100	107	107	110	101	99	82	63	110
79	63	67	80	86	101	109	109	107	103	94	78	77	109
80	71	74	75	92	97	104	109	105	100	102	85	69	109
81	78	82	77	102	97	109	105	109	102	95	85	80	109
82	64	81	75	88	102	102	105	104	106	92	73	61	106
MEAN	69.2	75.0	81.5	89.8	101.0	106.7	107.8	106.5	102.5	94.7	80.5	67.0	107.2
S.D.	4.400	4.873	4.936	7.561	3.328	4.187	2.508	2.365	2.807	3.301	3.937	6.241	2.526
TOTAL OBS.	651	595	651	630	651	630	651	682	661	682	660	651	7742

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

27113 — STATION
LEMOORE, CA — STATION NAME
61-82 — YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
61							108 17						MAX TEMP DAYS
67												82 30	MAX TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

27113 — STATION
LEMOORE, CA — STATION NAME
61-87 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
61								[illegible]	42	30	22	28	
62	14	26	20	37	37	44	52	48	44	36	23	14	14
63	15	36	30	31	40	46	47	48	50	34	24	24	[illegible]
64	21	24	25	34	34	47	48	54	47	41	24	26	21
65	27	24	30	37	39	48	54	52	44	37	34	22	[illegible]
66	23	24	23	32	42	49	50	[illegible]	43	36	26	26	23
67	26	28	27	30	34	43	56	59	53	40	31		
68	23	32	34	35	39	47	54	48	41	42	26	22	22
69	29	29	29	35	36	49	52	49	48	36	22	24	[illegible]
70	20	29	30	32	40	54	59	53	42	33	31	30	[illegible]
71	21	21	22	33	48	44	52	55	45	24	27	[illegible]	[illegible]
72	23	25	27	36	42	48	53	51	46	32	35	24	23
73	20	33	30	32	40	47	52	48	48	37	25	25	20
74	25	29	31	36	42	52	53	53	53	44	29	25	25
75	24	28	30	32	38	49	52	53	52	33	26	21	21
76	20	33	31	34	46	46	54	54	49	43	31	28	20
77	28	30	28	34	37	53	53	55	48	40	25	28	25
78	30	35	36	36	41	51	51	55	43	35	28	22	22
79	21	28	32	32	39	50	54	52	49	35	26	24	21
80	30	29	34	36	37	46	53	51	44	37	29	22	22
81	34	33	37	38	41	55	53	56	47	37	31	29	[illegible]
82	25	27	36	34	41	46	53	55	41	37	34	28	25
MEAN	23.8	28.7	30.1	34.1	39.5	48.3	52.6	52.4	46.3	36.3	27.8	24.6	21.8
S.D.	4.929	3.992	3.998	2.211	3.427	3.289	2.500	3.018	3.738	4.519	3.788	3.203	3.279
TOTAL OBS.	651	593	651	630	651	630	651	682	660	682	660	651	7752

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

2?11?	LEMOORE, CA	61-82
STATION	STATION NAME	YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
61							54 17						MIN TEMP DAYS
67												23 30	MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

27113 — STATION
LEMOORE, CA — STATION NAME
61-82 — YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
81							54 17						MIN TEMP DAYS
67												25 20	MIN T OF DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

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PSYCHROMETRIC SUMMARY

2711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) JAN (MONTH)

PAGE 1 (HOURS (L S T))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77												.0						1	1		
74/ 73									.0	.0								2	2		
72/ 71					.0		.0	.0	.1									5	5		
70/ 69			.0					.2	.0									8	8		
68/ 67			.0				.1	.2										8	8		
66/ 65		.0	.0	.1		.2	.4	.2										23	23	1	
64/ 63		.2	.2	.1	.2	.3	.4	.0										32	32	3	1
62/ 61	.0	.1	.3	.2	.3	.2	.1											34	34	7	5
60/ 59	.0	.2	.6	.6	.6	.4	.0											61	61	12	4
58/ 57	.2	.5	1.1	.6	.6	.3	.1	.0										83	83	24	13
56/ 55	.6	.7	1.3	.8	.7	.3	.1	.1										115	115	81	30
54/ 53	.9	1.2	2.1	1.4	.7	.2	.2											168	168	123	52
52/ 51	.6	2.0	2.3	.9	.9	.3	.2											179	179	132	68
50/ 49	.8	2.3	2.5	1.1	.7	.3	.0											192	192	177	103
48/ 47	.8	3.1	2.8	1.0	.4	.0												202	202	196	147
46/ 45	1.1	3.4	3.3	.7	.2	.0												265	265	247	202
44/ 43	1.2	5.2	2.6	.3	.1													234	234	294	222
42/ 41	1.3	4.6	1.8	.3	.1													199	199	284	255
40/ 39	1.9	5.4	1.1	.3	.0													217	217	267	306
38/ 37	.9	4.0	.9	.2														150	150	206	263
36/ 35	.8	1.9	.6	.1														88	88	129	243
34/ 33	.7	2.0	.4															77	77	93	149
32/ 31	.4	1.4	.3															50	50	78	103
30/ 29	.2	1.3	.2															44	44	53	92
28/ 27	.2	.6																18	18	36	65
26/ 25	.2	.2																11	11	18	66
24/ 23	.2	.2																9	9	11	43
22/ 21	.0	.1																4	4	6	18
20/ 19	.0																	1	1	2	17
18/ 17																					4
16/ 15																					1
TOTAL	17.3	42.7	24.5	8.7	5.6	2.6	1.7	.8	.2	.0		.0							2480		2480
																		2480		2480	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	16526290	199094	80.3	14.900	2480
Dry Bulb	5390468	113694	45.8	8.479	2480
Wet Bulb	4692317	106389	42.9	7.195	2480
Dew Point	4020211	98053	39.5	7.606	2480

Mean No. of Hours with Temperature	≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel. Hum.							
Dry Bulb		41.1	7.2	.9			744.0
Wet Bulb		61.2					744.0
Dew Point		122.7					744.0

NAVWEASERVCOM

4

PSYCHROMETRIC SUMMARY

2711 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) FEB (MONTH)

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
80/ 79									.0	.0	.1	.1	.0					7	7		
78/ 77								.0		.0								2	2		
76/ 75								.0	.0	.0	.0							7	7		
74/ 73						.1		.7	.1	.0								9	9		
72/ 71						.1	.2	.1	.2									14	14		
70/ 69				.1	.2	.4	.4	.3	.1									34	34		
68/ 67				.1	.2	.6	.4	.2										34	34		
66/ 65				.3	.6	.4	.5	.5										53	53		
64/ 63		.1	.2	.5	.9	.6	.2	.2	.1									65	65	8	
62/ 61		.2	.4	.9	1.2	.6	.4	.4										88	88	20	3
60/ 59		.4	1.1	1.7	1.0	1.5	.7	.1	.1									135	135	47	7
58/ 57		.8	1.3	1.6	1.2	.9	.3											131	131	73	13
56/ 55		1.9	2.5	2.5	.8	.6	.2											190	190	127	30
54/ 53	.2	2.1	2.8	1.9	.4	.2	.0											170	170	196	79
52/ 51	.4	2.4	3.2	1.2	.3	.1												173	173	223	135
50/ 49	.6	3.2	3.7	1.1	.3	.0												201	201	250	210
48/ 47	.4	5.1	2.6	.9	.0	.1												209	209	264	187
46/ 45	.7	4.9	1.9	.4	.1													178	178	252	256
44/ 43	.6	3.6	1.6	.0	.1													134	134	211	269
42/ 41	.9	3.1	1.2	.3														125	125	162	254
40/ 39	.5	2.7	.9	.0														95	95	129	221
38/ 37	.7	2.3	.4	.1														78	78	112	154
36/ 35	.9	1.9	.4															72	72	74	163
34/ 33	.4	1.0	.1															33	33	71	109
32/ 31	.0	.2	.0															7	7	18	73
30/ 29	.2	.3																11	11	13	31
28/ 27		.0																1	1	5	22
26/ 25																				1	24
24/ 23																					3
22/ 21																					2
TOTAL	4.6	36.2	24.3	13.5	7.2	5.7	3.2	2.1	.8	.2	.1	.1	.0				2256		2256		2256

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	13633698	171626	76.1	15.998	2256
Dry Bulb	6004537	114597	50.8	9.019	2256
Wet Bulb	5130960	105428	46.7	6.793	2256
Dew Point	4221413	96427	42.7	6.655	2256

Mean No. of Hours with Temperature	≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.		5.7	31.9	7.4	.6		672.0
Dry Bulb							672.0
Wet Bulb		11.0					672.0
Dew Point		96.2					672.0

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PSYCHROMETRIC SUMMARY

2211 STATION | LEMOORE, CA STATION NAME | 73-82 YEARS | MAR MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
84 / 83												.0						1	1		
82 / 81													.0	.0				2	2		
80 / 79							.0		.0	.1	.0							6	6		
78 / 77							.0	.1	.1	.1	.0	.1						11	11		
76 / 75						.2	.1	.2	.1	.2			.0					18	18		
74 / 73					.2	.2	.2	.2	.0		.1							17	17		
72 / 71					.2	.1	.6	.4	.4	.1	.1							49	49		
70 / 69				.0	.3	.6	.6	.4	.2	.1								55	55		
68 / 67			.1	.2	.4	.7	.3	.3	.2	.0								55	55	1	
66 / 65			.1	.5	.9	.8	1.0	.4	.2	.1								100	100	14	
64 / 63		.1	.3	1.0	1.0	.9	1.2	.2	.3	.2								128	128	19	
62 / 61		.1	.4	.9	1.4	1.1	.4	.3	.0	.1								119	119	38	4
60 / 59		.4	1.2	1.6	1.4	1.4	.4	.3	.2									166	166	74	22
58 / 57	.2	.8	1.8	1.5	1.3	1.1	.5	.3										185	185	141	24
56 / 55		1.5	2.6	1.9	1.2	.6	.3	.3										192	192	155	67
54 / 53	.3	1.8	2.7	1.7	.9	.2	.2	.1										197	197	258	135
52 / 51	.2	1.8	3.0	1.2	.4	.4	.2											181	181	244	150
50 / 49	.1	2.2	3.4	1.0	.4	.2	.0											192	192	243	224
48 / 47	.2	3.7	2.2	1.0	.2	.2												184	184	282	189
46 / 45	.1	3.4	2.2	.4	.3	.1												163	163	256	254
44 / 43	.4	2.7	1.6	.7	.1													138	138	214	264
42 / 41	.5	2.0	1.6	.3	.1													112	112	166	262
40 / 39	.2	2.2	1.2	.3														95	95	118	250
38 / 37	.0	1.5	.5	.1	.0													54	54	124	155
36 / 35	.2	.9	.2	.2														38	38	67	151
34 / 33	.2	.4	.1															15	15	40	122
32 / 31	.2	.2	.2															6	6	17	67
30 / 29		.0																1	1	8	63
28 / 27																				1	34
26 / 25																					37
24 / 23																					17
22 / 21																					13
20 / 19																					3
18 / 17																					3

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

27110 — STATION
LEMOORE, CA — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 2 — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
1o/ 15																					1
TOTAL	2.5	25.8	25.3	14.4	10.8	8.7	6.0	3.2	1.8	1.1	.2	.1	.1	.0					2480		2480
																		2480		2480	

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.	12534027	172909	69.7	17.721	2480							
Dry Bulb	7288437	132421	53.4	9.372	2480		2.1	64.2	16.5	2.1		744.0
Wet Bulb	5433674	119038	48.0	6.955	2480		7.8	.3				744.0
Dew Point	4650459	105717	42.6	7.620	2480		71.4					744.0

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PSYCHROMETRIC SUMMARY

23110 | LEMOORE, CA | 73-82 | APR

STATION | STATION NAME | YEARS | 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
100/ 99														.0	.0			2	2		
98/ 97															.0			1	1		
96/ 95														.0				1	1		
94/ 93											.1	.0		.1	.1		.0	8	8		
92/ 91											.0	.0	.1	.0		.0		6	6		
90/ 89												.1	.1	.2		.0		10	10		
88/ 87											.1	.3	.1	.2	.2	.0		21	21		
86/ 85									.0		.1	.4	.5	.3	.1			36	36		
84/ 83								.1	.0	.1	.5	.4	.3	.1				38	38		
82/ 81							.0	.1	.1	.5	.6	.5	.2	.1				48	48		
80/ 79							.0	.3	.8	.7	.5	.2	.2	.0				59	59		
78/ 77							.0	.3	1.2	.7	.7	.1	.1					64	64		
76/ 75						.1	.2	.6	1.2	.7	.7	.1	.1					88	88	1	
74/ 73					.1	.2	.4	1.0	.9	.7	.2	.1						86	86	3	
72/ 71					.2	.2	.8	1.4	1.0	.2	.3	.0						101	101	3	
70/ 69				.0	.1	.5	1.2	1.0	.5	.3	.0	.0						90	90	8	
68/ 67			.1	.2	.4	1.1	1.7	1.2	.6	.2	.0							133	133	17	
66/ 65		.1		.2	.5	1.7	1.2	.4	.4	.2								113	113	31	
64/ 63		.2		.2	1.4	1.5	.8	.4	.1	.1								114	114	90	2
62/ 61		.2	.3	1.0	2.0	1.5	.8	.2	.2									140	140	141	15
60/ 59		.3	.7	1.2	2.2	1.1	.6	.1										153	153	171	17
58/ 57		.4	1.2	2.0	2.1	.9	.4	.1										169	169	201	23
56/ 55		.5	1.9	2.6	1.4	.3	.3											166	166	254	40
54/ 53	.0	.9	2.5	1.7	1.0	.3	.1											158	158	252	69
52/ 51	.0	1.2	2.7	1.3	.5	.4	.0											149	149	280	161
50/ 49	.0	2.5	2.1	1.3	.7	.0												160	160	254	197
48/ 47	.2	2.0	1.5	.5	.2													107	107	247	328
46/ 45		1.1	1.5	.6	.1													79	79	164	352
44/ 43	.2	.9	.6	.2	.1													48	48	125	311
42/ 41	.2	.5	.4	.1														30	30	85	225
40/ 39	.1	.2	.2															14	14	43	176
38/ 37		.2																4	4	16	148
36/ 35		.2																4	4	11	121
34/ 33																				3	67
32/ 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

14/5 2097 54321

23110 LEMOORE, CA 73-82 APR
STATION STATION NAME YEARS MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31			Dry Bulb	Wet Bulb	Dew Point
[illegible] / 29																						57
28 / 27																						47
26 / 25																						27
24 / 23																						11
22 / 21																						7
20 / 19																						2
18 / 17																						2
TOTAL	.8	11.5	16.3	13.0	12.9	9.9	8.3	7.0	6.3	4.8	3.7	2.5	1.7	1.1	.4	.1	.0		2400	2400		2400
																			2400		2400	

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.	9610201	135051	56.3	20.525	2400							
Dry Bulb	9855609	143093	59.6	11.623	2400			197.7	114.6	43.8	1.2	720.0
Wet Bulb	6210738	121058	50.4	6.599	2400		.9	4.5	.3			720.0
Dew Point	4298112	100308	41.8	6.699	2400		64.5					720.0

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PSYCHROMETRIC SUMMARY

23110 — STATION

LEMOORE, CA — STATION NAME

73-82 — YEARS

MAY — MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.0	1	1		
104/103																.0	.2	5	5		
102/101															.0	.1	.2	7	7		
100/ 99															.1	.2	.2	12	12		
98/ 97														.1	.3	.2	.2	20	20		
96/ 95														.2	.1	.5	.3	28	28		
94/ 93												.0	.4	.4	.3	.5	.1	42	42		
92/ 91											.0	.1	.5	.7	.4	.3	.0	52	52		
90/ 89											.2	.2	.8	.6	.4	.1		57	57		
88/ 87										.1	.2	.7	.7	.7	.1			63	63		
86/ 85									.0	.3	.8	1.0	.6	.6	.2			92	92		
84/ 83									.2	.4	.6	.9	.9	.4	.0			87	87		
82/ 81								.1	.1	.3	1.2	1.1	.8	.1				92	92		
80/ 79								.1	.6	1.1	1.4	.8	.3	.0				108	108		
78/ 77							.1	.3	1.0	.9	.8	.5	.1					92	92		
76/ 75						.0	.3	.6	.9	1.9	.6	.4						117	117		
74/ 73						.2	.4	1.2	1.0	1.4	.5	.0						117	117	2	
72/ 71					.0	.4	.9	.9	1.5	.7	.2	.0						117	117	21	
70/ 69					.1	.6	1.1	1.4	1.1	.6	.1							125	125	45	
68/ 67					.2	.6	1.6	1.5	.7	.1	.0							118	118	70	
66/ 65				.2	.5	1.1	1.7	1.1	.6	.1								132	132	123	
64/ 63				.4	1.0	2.1	1.1	.7	.3									140	140	175	
62/ 61		.0	.2	.4	1.5	1.5	.7	.4										116	116	196	3
60/ 59		.1	.2	.7	1.6	1.5	.8	.1										124	124	240	16
58/ 57			.4	2.0	2.3	1.0	.2	.1										150	150	232	43
56/ 55		.0	1.0	1.5	2.1	1.0	.1											145	145	264	73
54/ 53		.1	.6	1.6	1.5	.3	.0											103	103	251	119
52/ 51		.1	.6	1.1	.9	.2												72	72	250	154
50/ 49		.2	.8	1.0	.2	.0												55	55	203	211
48/ 47		.3	.4	.6	.2													37	37	160	229
46/ 45		.2	.4	.5	.0													28	28	116	308
44/ 43		.1	.3	.2														13	13	58	354
42/ 41		.0	.1	.1	.0													6	6	40	278
40/ 39		.0	.2															5	5	20	221

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

27112 — STATION
LEMOORE, CA — STATION NAME
73-92 — YEARS
MAY — MONTH
PAGE 2 — HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
38/ 37			.1															2	2	7	15
36/ 35																				5	151
34/ 33																				2	93
32/ 31																					41
30/ 29																					27
28/ 27																					8
26/ 25																					4
24/ 23																					1
TOTAL		1.2	5.1	10.3	12.4	10.6	9.1	8.5	8.1	7.7	6.9	5.7	5.3	3.9	1.9	1.9	1.3	2480	2480	2480	2480

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.	8523284	109022	44.0	17.167	2480							
Dry Bulb	12360516	171994	69.4	13.205	2480			405.6	297.6	182.1	34.5	744.0
Wet Bulb	7769699	137738	55.5	6.961	2480			41.4	.6			744.0
Dew Point	4920533	109339	44.1	6.350	2480		23.1					744.0

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PSYCHROMETRIC SUMMARY

2?11C — STATION
LEMOORE, CA — STATION NAME
73-82 — YEARS
JUN — 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
112/111																	.0		1	1		
110/109																	.1		3	3		
108/107																	.5		11	11		
106/105															.0	.0	.7		18	18		
104/103															.0	.1	1.2		32	32		
102/101														.1	.1	.3	1.0		35	35		
100/ 99													.1	.1	.5	.7	.8		55	55		
98/ 97													.0	.2	.5	.7	.8		54	54		
96/ 95												.1	.3	.5	.8	.6	.6		71	71		
94/ 93												.1	.8	1.0	.6	.5	.2		76	76		
92/ 91										.1	.1	.5	.9	1.2	1.2	.3	.0		103	103		
90/ 89											.3	.7	.9	1.2	.7	.2			99	99		
88/ 87									.1	.2	.7	.8	1.0	.8	.4	.0			98	98		
86/ 85								.0	.2	.5	.7	1.0	1.3	.5	.2				110	110		
84/ 83								.0	.2	.7	.7	1.0	.9	.5	.0				101	101		
82/ 81							.0	.2	.4	1.1	.9	.7	.5	.2					99	99		
80/ 79						.0	.2	.3	.8	1.0	1.3	.7	.2	.0					111	111		
78/ 77					.0	.0	.4	.8	1.2	1.3	1.0	.4	.1						129	129	2	
76/ 75						.0	.9	.9	1.0	1.2	1.0	.2	.0						126	126	9	
74/ 73				.1	.0	.2	.6	1.6	1.1	1.0	.5	.0							124	124	24	
72/ 71				.1	.2	.5	1.2	1.3	1.0	.5	.0	.0							121	121	83	
70/ 69				.1	.5	.6	1.4	1.3	.9	.2									118	118	143	
68/ 67			.1	.1	.9	1.0	1.5	.8	.5	.0									118	118	173	
66/ 65				.4	.7	1.4	1.5	1.2	.2	.1									132	132	211	11
64/ 63			.0	.7	1.1	1.2	.8	.5	.2										109	109	262	15
62/ 61		.0	.4	.7	1.0	.7	.7	.3											95	95	238	18
60/ 59			.1	.7	.8	.8	.5	.0											70	70	270	52
58/ 57			.2	.7	1.1	.6	.2	.2											73	73	266	93
56/ 55			.2	.7	.9	.3	.1												52	52	222	170
54/ 53			.2	.2	.5	.0	.0												25	25	169	212
52/ 51			.0	.5	.2														19	19	124	204
50/ 49			.2	.2	.1														10	10	100	272
48/ 47				.1															2	2	53	241
46/ 45																					36	242

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

27110 STATION | LEMOORE, CA STATION NAME | 73-82 YEARS | JUN. MONTH

PAGE 2 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
44/ 43																				13	22
42/ 41																				2	20
40/ 39																					18
38/ 37																					8
36/ 35																					7
34/ 33																					4
32/ 31																					2
30/ 29																					1
28/ 27																					0
26/ 25																					0
TOTAL		.0	1.5	5.2	8.2	7.4	10.1	9.6	7.7	7.9	7.5	6.5	7.1	6.5	5.2	3.5	5.9	2400	2400	2400	2400

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.	4058808	91026	37.9	15.899	2400							
Dry Bulb	14772981	185587	77.3	13.261	2400			543.9	436.8	305.7	106.8	720.0
Wet Bulb	8754217	144088	60.0	6.573	2400			130.2	10.5			720.0
Dew Point	5437461	113023	47.1	6.919	2400		11.7					720.0

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PSYCHROMETRIC SUMMARY

23110 — STATION

LEMOORE, CA — STATION NAME

73-82 — YEARS

JUL — MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
110/109																	.1	2	2		
108/107																.0	.3	9	9		
106/105																.2	1.0	30	30		
104/103															.1	.2	1.7	51	51		
102/101												.0		.2	.4	1.1	1.6	83	83		
100/ 99													.1	.2	.8	1.1	1.4	91	91		
98/ 97											.0	.1	.2	.5	1.4	.9	.5	92	92		
96/ 95												.3	.5	1.6	1.1	.9	.1	113	113		
94/ 93										.0	.2	.7	1.3	1.7	.9	.3		126	126		
92/ 91										.1	.4	1.0	2.2	1.2	.5	.0		136	136		
90/ 89								.0	.1	.4	.6	1.5	1.9	.6	.2			129	129		
88/ 87								.0	.1	.4	1.0	1.2	.8	.3				95	95		
86/ 85								.1	.4	.6	.9	1.0	.6	.2				95	95		
84/ 83								.2	.6	1.1	.7	.7	.1	.0				84	84		
82/ 81							.1	.8	.9	1.1	.8	.3	.1					101	101		
80/ 79						.1	.5	1.1	1.4	1.5	.5							125	125	2	
78/ 77					.0	.1	.7	1.5	1.6	1.0	.1							126	126	4	
76/ 75					.1	.5	1.3	1.8	1.0	.6								132	132	23	
74/ 73				.0	.3	.8	1.8	2.3	1.0	.2								162	162	72	
72/ 71				.1	.5	1.6	1.7	1.2	.4	.1								139	139	192	
70/ 69			.0	.3	.7	1.2	1.2	.8	.2									112	112	275	5
68/ 67			.0	.4	.8	1.6	1.6	.6	.0									125	125	305	4
66/ 65			.1	.5	1.0	1.1	.7	.2										91	91	309	16
64/ 63			.2	.6	1.0	1.6	.4	.0	.0									96	96	286	42
62/ 61			.1	.4	.8	.5	.2											51	51	282	63
60/ 59		.1	.0	.4	.5	.4	.0											37	37	236	140
58/ 57			.1	.4	.2	.1	.1											22	22	179	220
56/ 55	.0		.2	.3	.2	.0	.0											22	22	136	362
54/ 53		.0	.0		.0													3	3	95	319
52/ 51																				49	286
50/ 49																				25	354
48/ 47																				6	254
46/ 45																				4	194
44/ 43																					106

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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1078 2097-54321

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PSYCHROMETRIC SUMMARY

23110 LEMOORE, CA 73-82 JUL

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
42/ 41																					62
40/ 39																					35
38/ 37																					1
36/ 35																					2
34/ 33																					4
32/ 31																					2
TOTAL	.2	.1	.9	3.3	6.4	9.7	10.3	10.6	7.9	7.2	5.3	6.9	7.8	6.5	5.6	4.8	6.7	2480	2480	2480	2480

Element (X)	ΣX^3	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.	4340049	96755	39.0	15.100	2480							
Dry Bulb	16863749	202081	81.5	12.660	2480			647.4	534.6	392.1	179.1	744.0
Wet Bulb	10133700	157470	63.7	5.925	2480			261.9	30.3			744.0
Dew Point	6753662	128684	51.9	5.552	2480		.6	2.7				744.0

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PSYCHROMETRIC SUMMARY

27114 — STATION
LEMOORE, CA — STATION NAME
73-82 — YEARS
AUG — 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
110/109																	.0		1	1		
108/107																	.3		7	7		
106/105																.1	.3		11	11		
104/103															.1	.4	.8		32	32		
102/101												.0		.1	.3	.5	.7		41	41		
100/ 99													.1	.2	.6	.5	.3		44	44		
98/ 97												.1	.1	.5	.9	.7	.2		70	70		
96/ 95											.1	.2	.7	1.1	.8	.6	.1		89	89		
94/ 93											.0	.4	1.1	1.5	.6	.1			96	96		
92/ 91										.2	.3	1.0	1.5	1.0	.3				105	105		
90/ 89								.0	.1	.2	1.0	1.4	1.4	.4	.1				115	115		
88/ 87									.2	.5	1.4	1.6	.7	.1	.1				112	112		
86/ 85								.1	.3	1.0	1.2	1.3	.6	.1					114	114		
84/ 83							.1	.2	.7	1.5	1.3	.5	.1						111	111		
82/ 81					.0	.1	.2	.6	1.7	1.9	1.2	.1							143	143		
80/ 79					.0	.0	.2	1.0	1.4	1.0	.4								102	102	1	
78/ 77				.0	.0	.2	.8	1.8	1.2	.8	.1								124	124		
76/ 75				.1		.3	1.1	1.5	1.1	.5									112	112	24	
74/ 73			.1		.1	.6	1.7	1.6	.9	.2	.0								131	131	63	
72/ 71		.0	.0	.0	.7	1.9	1.5	1.2	.4										146	146	135	
70/ 69			.0	.2	1.5	2.0	1.3	1.2	.2										158	158	216	6
68/ 67			.1	.5	1.7	2.1	1.2	.3	.1										150	150	274	12
66/ 65			.2	1.2	1.5	1.1	1.1	.3											135	135	304	24
64/ 63			.4	1.3	1.5	1.4	.6	.1	.0										131	131	300	29
62/ 61			.7	.9	.8	.7	.3												85	85	280	62
60/ 59			.4	.8	.3	.6	.2												58	58	287	138
58/ 57			.4	.7	.2	.2													37	37	220	242
56/ 55			.0	.2	.1	.1	.0												13	13	159	383
54/ 53			.1	.0	.0	.0													5	5	109	354
52/ 51			.0		.0														2	2	60	361
50/ 49																					33	283
48/ 47																					9	208
46/ 45																					5	166
44/ 43																					1	98

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

27110 LEMOORE, CA 73-82 AUG
STATION STATION NAME YEARS MONTH

PAGE 2
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
42/ 41																					55
40/ 39																					26
38/ 37																					12
36/ 35																					7
34/ 33																					3
32/ 31																					1
TOTAL		.0	2.5	6.0	8.7	11.5	10.3	9.9	8.3	7.9	7.2	6.7	6.3	5.1	3.8	3.0	2.8	2480	2480	2480	2480

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.	5218432	106898	43.1	15.695	2480							
Dry Bulb	15693793	194967	78.6	12.156	2480			604.2	468.0	348.8	117.3	744.0
Wet Bulb	9960385	155711	62.8	5.814	2480			213.9	26.5			744.0
Dew Point	6850091	129619	52.3	5.517	2480		.3	5.4				744.0

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PSYCHROMETRIC SUMMARY

2711? LEMOORE, CA 73-82 SEP

STATION STATION NAME YEARS 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??/105														.0			.0	2	2		
104/103														.1		.1	.2	10	10		
102/101														.0	.1	.2	.2	14	14		
100/ 99													.0	.1	.2	.6	.2	25	25		
98/ 97									.0	.0	.0		.1	.4	.7	.7	.1	54	54		
96/ 95									.0			.0	.3	.5	.9	.2		48	48		
94/ 93										.1	.1	.2	.8	1.0	.6	.1		68	68		
92/ 91									.0	.0	.1	.5	.8	.7	.2	.1		59	59		
90/ 89							.0	.1	.2	.2	.5	.7	1.0	.3	.1			76	76		
88/ 87							.0	.0		.5	1.0	1.0	.8	.0	.1			86	86		
86/ 85							.1	.0	.2	.9	1.1	1.2	.2	.2	.1			94	94		
84/ 83							.0	.1	.4	1.3	1.6	.4	.2	.0				101	101		
82/ 81						.1	.1	.4	.6	1.4	1.3	.2	.1					100	100	1	
80/ 79					.0	.2	.2	.5	1.8	1.2	.7	.2						117	117	3	
78/ 77			.1	.1	.0	.1	.3	1.1	1.5	1.0	.4	.0	.0					113	113	5	
76/ 75				.2	.2	.3	1.2	1.2	1.2	.7	.2	.0						129	129	11	1
74/ 73			.1	.2	.1	.4	1.2	1.7	1.2	.2	.1							126	126	27	4
72/ 71			.2	.2	.5	.8	1.6	1.?	.7	.2								125	125	65	4
70/ 69		.2	.4	.1	.7	1.1	1.6	1.2	.5	.1								143	143	152	9
68/ 67	.0	.5	.2	.5	1.1	1.9	1.6	1.?	.2	.0								170	170	210	25
66/ 65		.4	.3	.8	1.7	1.5	1.?	.8	.1									157	157	205	35
64/ 63		.1	.5	.9	1.7	1.6	.8	.3	.1									144	144	275	34
62/ 61		.2	.4	1.5	1.6	.5	.7	.?	.?									121	121	240	49
60/ 59		.3	.6	1.1	1.5	.7	.7	.2										120	120	265	98
58/ 57		.0	.?	1.1	.4	.4	.3											74	74	248	150
56/ 55		.1	.7	.8	.2	.5	.3											65	65	205	219
54/ 53			.3	.2	.1	.2												20	20	198	274
52/ 51		.1	.2	.2	.1	.3												23	23	110	308
50/ 49			.1	.2	.1	.0												11	11	75	307
48/ 47					.1													2	2	46	264
46/ 45			.0	.0														2	2	26	207
44/ 43				.0														1	1	23	99
42/ 41																				8	88
40/ 39																				2	72

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

NDX 2097 54321

27112 — STATION
LIVERMORE, CA — STATION NAME
73-82 — YEARS
[illegible] — MONTH
[illegible] — 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				
36/ 37																					[illegible]
34/ 35																					21
32/ 33																					[illegible]
30/ 31																					[illegible]
28/ 29																					12
26/ 27																					[illegible]
TOTAL	.0	2.0	5.0	8.1	10.1	10.6	12.0	9.7	9.0	8.0	7.2	4.5	4.4	3.4	3.0	2.0	.8	2400	24[illegible].0	2400	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.	5219050	111750	46.6	17.272	2400							
Dry Bulb	13557262	178012	74.2	12.144	2400			498.0	366.6	238.2	66.3	720.0
Wet Bulb	[illegible]36560	144742	60.3	6.687	2400			142.2	14.1	1.2		720.0
Dew Point	8208662	120834	50.3	7.217	2400		10.8	12.9	1.9			720.0

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PSYCHROMETRIC SUMMARY

2711 LEMOORE, CA 73-82 OCT

STATION STATION NAME YEARS 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
105 / 99																.0	.0	2	2		
[illegible] / 97															.1	.2	.0	7	7		
[illegible] / 95															.2	.2		10	10		
[illegible] / 93													.1	.4	.3	.0		19	19		
[illegible] / 91												.0	.1	.2	.2	.0		15	15		
[illegible] / 89												.1	.2	.5	.2			23	23		
[illegible] / 87									.1	.1	.2	.3	.5	.4	.0	.0		43	43		
[illegible] / 85									.1	.2	.2	.6	.7	.2				48	48		
[illegible] / 83								.1	.1	.2	.7	.8	.7	.1	.0			71	71		
[illegible] / 81						.0	.0	.2	.2	.6	.9	.8	.2	.1				73	73		
[illegible] / 79						.1		.2	.6	.6	1.1	.3		.0				76	76		
[illegible] / 77					.0	.1	.1	.2	.7	.9	.6	.2						70	70		
[illegible] / 75					.1	.1	.3	.6	.8	1.1	.5	.2						89	89		
[illegible] / 73					.2	.2	.6	1.2	1.3	.6	.4	.1						117	117	1	
[illegible] / 71				.1	.2	.4	.8	1.4	1.4	.3	.0							112	112	5	
[illegible] / 69			.1	.1	.2	.4	1.4	1.4	.8	.4	.1							121	121	21	
[illegible] / 67			.1	.2	.3	1.1	1.3	1.0	.5	.2	.1							122	122	46	
[illegible] / 65		.3	.1	.7	1.1	1.2	1.4	.9	.4	.1	.0							148	148	77	3
[illegible] / 63	.0	.0	.2	.5	1.1	1.8	1.5	.4	.1	.2								145	145	148	14
[illegible] / 61		.2	.4	.8	1.6	1.7	.6	.5	.0									144	144	157	23
[illegible] / 59		.2	.7	1.2	1.3	1.2	.9	.1	.0									143	143	207	22
[illegible] / 57	.1	.2	.9	1.4	2.0	1.4	.3	.0										156	156	262	44
[illegible] / 55	.2	.2	.7	1.6	1.8	1.1	.4											147	147	231	60
[illegible] / 53	.0	.3	1.0	1.6	1.5	.6	.3	.1										132	132	248	105
[illegible] / 51	.0	.4	.9	1.4	1.5	.4	.2	.0										117	117	208	165
50 / 49	.1	.2	.9	2.0	1.2	.1	.0											111	111	216	206
[illegible] / 47		.2	.7	1.2	.5	.1	.1											72	72	161	252
[illegible] / 45	.0	.3	.6	.9	.1		.0											49	49	147	267
[illegible] / 43		.4	.7	.6	.2	.0												48	48	171	273
42 / 41		.1	.7	.4	.1													30	30	99	232
[illegible] / 39		.1	.2	.1	.1													13	13	60	209
[illegible] / 37		.0	.1	.0	.0													5	5	38	169
36 / 35			.0		.0													2	2	19	141
34 / 33																				5	111

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

23110	LEMOORE, CA	73-82	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE 2
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
32/ 31																				3	65
30/ 29																				1	33
28/ 27																				1	24
26/ 25																					17
24/ 23																					10
22/ 21																					6
20/ 19																					3
18/ 17																					5
16/ 15																					4
14/ 11																					1
TOTAL	.5	2.5	9.0	14.4	15.0	12.1	10.4	8.3	7.1	5.6	5.0	3.3	2.5	1.9	1.0	.5	.1	2430	2480	2480	2480

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.	7115319	125361	50.5	17.720	2480							
Dry Bulb	10699002	159936	64.5	12.456	2480			305.4	198.9	105.3	11.4	744.0
Wet Bulb	7218464	132476	53.4	7.565	2480		1.5	22.5	.3			744.0
Dew Point	4897878	108534	43.8	7.727	2480		51.9					744.0

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PSYCHROMETRIC SUMMARY

2711[illegible] LEMOORE, CA 73-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 1
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
84/ 83													.0					1	1		
[illegible]/ 81											.1	.1	.0					6	6		
[illegible]/ 79									.0	.3	.2	.0						15	15		
78/ 77							.0	.1	.1	.1	.4	.0	.0					20	20		
76/ 75							.1	.2	.3	.0	.0	.1						18	18		
74/ 73						.0	.3	.5	.2	.2	.1	.0						34	34		
72/ 71						.1	.2	.4	.4	.3	.1							35	35		
70/ 69				.1	.1	.2	.5	1.0	.5	.1	.0							60	60		
68/ 67				.0	.1	.5	1.0	.3	.2	.3								59	59		
66/ 65			.2	.2	.3	.7	1.1	.7	.3									84	84	2	
64/ 63			.1	.4	.5	1.1	1.2	.6	.3	.1								96	96	15	
62/ 61		.2	.3	.7	1.7	1.2	.5	.4	.1									125	125	31	
60/ 59		.5	.5	.7	1.2	.9	.7	.3		.0								117	117	64	5
58/ 57		.8	.9	1.2	1.1	1.0	.6	.1										139	139	89	16
56/ 55	.1	1.3	1.2	1.3	1.3	.8	.3											154	154	179	43
54/ 53	.1	.8	1.8	1.8	1.1	.7	.2	.2	.0									164	164	184	66
52/ 51	.2	1.1	2.7	1.6	1.4	.5	.1	.1	.0									183	183	209	75
50/ 49	.1	1.1	3.1	1.8	.7	.5	.1	.0										179	179	199	143
48/ 47	.1	2.0	2.3	1.8	.7	.1	.0											168	168	230	166
46/ 45	.1	1.9	2.8	1.3	.6	.1												164	164	217	214
44/ 43	.2	1.4	2.2	.9	.2	.1												119	119	214	209
42/ 41	.2	1.3	2.5	1.2	.2	.0	.0											134	134	182	236
40/ 39	.0	2.0	1.9	.7														112	112	141	205
38/ 37		1.5	1.2	.5		.0												78	78	155	187
36/ 35	.1	1.2	.7	.2	.0													55	55	111	200
34/ 33	.0	.7	.6	.0														33	33	73	179
32/ 31	.1	.8	.2															27	27	40	138
30/ 29	.1	.4	.0	.1														15	15	43	113
28/ 27	.0	.1	.0															4	4	14	64
26/ 25		.1		.0														3	3	2	53
24/ 23																				5	34
22/ 21																				1	21
20/ 19																					14
18/ 17																					5

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

NAVWEASERVCOM 1671R 2097 54321

23110	LEMOORE, CA	73-82	NOV
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
16/ 15																					5
14/ 13																					?
12/ 9																					?
8/ 7																					?
6/ 5																					?
TOTAL	1.4	19.4	25.1	16.7	11.4	8.5	6.9	5.3	2.7	1.5	1.0	.3	.1					2400		2400	
																		2400		2400	

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.	10976491	156477	65.2	17.966	2400							
Dry Bulb	6850567	125653	52.4	10.647	2400		14.7	74.4	28.2	5.1		720.0
Wet Bulb	5266072	110852	46.2	7.801	2400		31.5					720.0
Dew Point	3950964	95346	39.7	8.249	2400		136.8					720.0

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PSYCHROMETRIC SUMMARY

23110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS) DEC (MONTH)

PAGE 1

HOURS (L S T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
76/ 75										.1								2	2		
74/ 73											.0							1	1		
72/ 71										.0								1	1		
70/ 69								.1		.0								3	3		
68/ 67							.1	.1	.0									6	6		
66/ 65				.1	.1	.2	.2	.1										18	18		
64/ 63				.1	.1	.5	.3	.0										26	26		
62/ 61		.2	.0	.0	.5	.4	.3											36	36	1	
60/ 59		.2	.3	.8	.8	.8	.2	.1										81	81	8	2
58/ 57	.1	.2	.6	.8	.8	1.3	.2											98	98	16	6
56/ 55	.2	1.0	.9	1.7	1.3	.6	.2	.1										144	144	37	13
54/ 53	.3	1.2	1.5	1.5	.8	.5	.1											146	146	112	30
52/ 51	.2	1.2	2.9	1.8	.6	.2	.2											175	175	129	53
50/ 49	.2	2.2	3.6	1.2	.5	.1	.1											192	192	178	71
48/ 47	.2	3.4	2.9	1.0	.1	.1	.0											188	188	247	100
46/ 45	.6	4.5	3.6	1.0	.1	.0												242	242	266	204
44/ 43	.8	4.6	2.4	.6	.1	.1												215	215	287	255
42/ 41	1.1	3.8	3.6	.4	.1													222	222	244	281
40/ 39	1.3	3.3	2.2	.1	.2													177	177	227	297
38/ 37	.5	3.5	1.6	.1														141	141	202	214
36/ 35	.3	2.7	.7	.1														94	94	148	218
34/ 33	.3	2.7	.7	.1														95	95	114	202
32/ 31	.4	2.5	.4															81	81	99	145
30/ 29	.3	1.3	.2															43	43	78	129
28/ 27	.2	.9	.2															33	33	46	76
26/ 25		.4																9	9	23	74
24/ 23	.0	.2																7	7	11	40
22/ 21	.0																	1	1	4	5
20/ 19																					18
18/ 17																					9
16/ 15																					4
14/ 13																					1
TOTAL	7.1	39.8	28.2	11.3	6.2	4.8	1.9	.5	.0	.2	.0							2477		2477	
																			2477		2477

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	≥98 F	Total
Rel. Hum.	15157239	190403	76.9	14.509	2477							
Dry Bulb	5355245	113185	45.7	8.604	2477		52.3	3.9	.9			744.0
Wet Bulb	4545646	104638	42.2	7.114	2477		78.4					744.0
Dew Point	3757348	94700	38.2	7.433	2477		159.5					744.0

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PSYCHROMETRIC SUMMARY

23113 STATION | LEMOORE, CA STATION NAME | 73-82 YEARS | ALL 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
112/111																	.0	1	1		
110/109																	.0	6	6		
108/107																.0	.1	27	27		
106/105														.0	.0	.0	.2	62	62		
104/103														.0	.0	.1	.3	130	130		
102/101												.0		.0	.1	.2	.3	180	180		
100/ 99													.0	.1	.2	.3	.2	231	231		
98/ 97									.0	.0	.0	.0	.0	.2	.3	.3	.2	298	298		
96/ 95									.0		.0	.1	.2	.3	.3	.3	.1	359	359		
94/ 93										.0	.0	.1	.4	.5	.3	.1	.0	428	428		
92/ 91									.0	.0	.1	.3	.5	.4	.2	.1	.0	478	478		
90/ 89							.0	.0	.0	.1	.2	.4	.5	.3	.1	.0		505	505		
88/ 87							.0	.0	.0	.1	.4	.5	.4	.2	.1	.0		507	507		
86/ 85							.0	.0	.1	.3	.4	.5	.4	.2	.1	.0		574	574		
84/ 83							.0	.1	.2	.4	.5	.4	.3	.1	.0			593	593		
82/ 81					.0	.0	.0	.2	.3	.5	.6	.3	.2	.0				654	654	1	
80/ 79					.0	.0	.1	.3	.6	.6	.5	.2	.1	.0				715	715	6	
78/ 77			.0	.0	.0	.0	.2	.5	.7	.6	.3	.1	.0	.0				747	747	11	
76/ 75				.0	.0	.1	.4	.6	.6	.6	.2	.1	.0					814	814	67	1
74/ 73			.0	.0	.1	.2	.6	.9	.7	.4	.2	.0	.0					928	928	190	4
72/ 71		.0	.0	.0	.2	.5	.8	.8	.6	.3	.1	.0						950	950	504	8
70/ 69		.0	.1	.1	.4	.6	.9	.9	.5	.1	.0	.0						1038	1038	855	20
68/ 67	.0	.0	.1	.2	.5	.9	1.0	.6	.3	.1	.0	.0						1055	1055	1089	41
66/ 65		.0	.1	.4	.7	.9	1.0	.6	.2	.1	.0							1206	1206	1263	89
64/ 63	.0	.1	.2	.6	.9	1.2	.8	.3	.2	.1								1225	1225	1522	135
62/ 61	.0	.1	.3	.6	1.2	.9	.5	.2	.0	.0								1128	1128	1580	232
60/ 59	.0	.2	.5	.9	1.1	.9	.5	.1	.0	.0								1252	1252	1851	518
58/ 57	.0	.3	.8	1.1	1.1	.8	.3	.1										1301	1301	1921	881
56/ 55	.1	.6	1.0	1.2	1.1	.6	.2	.0										1408	1408	1997	1502
54/ 53	.1	.7	1.2	1.2	.7	.3	.1	.0	.0									1299	1299	2197	1763
52/ 51	.1	.8	1.5	1.0	.6	.2	.1	.0	.0									1282	1282	1990	2028
50/ 49	.2	1.0	1.8	.9	.4	.1	.0	.0										1292	1292	1979	2559
48/ 47	.1	1.7	1.3	.7	.2	.1	.0											1224	1224	1908	2433
46/ 45	.2	1.9	1.4	.5	.1	.0	.0											1198	1198	1819	2842

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

23119	LEMOORE, CA	73-92	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 2

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
44/ 43	.3	1.6	1.1	.3	.1	.0												980	980	1600	2729
42/ 41	.4	1.3	1.0	.3	.1	.0	.0											876	876	1312	2519
40/ 39	.4	1.4	.7	.1	.0													744	744	1049	2242
38/ 37	.2	1.1	.4	.1	.0	.0												522	522	883	1646
36/ 35	.2	.7	.2	.1	.0													353	353	569	1530
34/ 33	.1	.6	.2	.0														257	257	409	1163
32/ 31	.1	.4	.1															171	171	258	743
30/ 29	.1	.3	.0	.0														114	114	196	561
28/ 27	.0	.1	.0															56	56	103	351
26/ 25	.0	.1		.0														23	23	44	306
24/ 23	.0	.0																16	16	27	159
22/ 21	.0	.0																5	5	11	101
20/ 19	.0																	1	1	2	57
18/ 17																					26
16/ 15																					18
14/ 13																					3
12/ 11																					1
10/ 9																					2
8/ 7																					2
6/ 5																					2
TOTAL	2.7	15.0	13.9	10.4	9.6	8.5	7.5	6.3	5.0	4.4	3.7	3.1	3.0	2.4	1.8	1.3	1.5	29213	29213	29213	29213

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.	109912888	1666372	57.0	22.553	29213							
Dry Bulb	123692166	1835220	62.8	16.957	29213		115.9	3383.8	2471.0	1619.4	516.6	8760.0
Wet Bulb	84152425	1540025	52.7	10.077	29213		192.3	816.9	82.5	1.2		8760.0
Dew Point	59966794	1300580	44.5	8.406	29213		699.5	21.0	1.8			8760.0

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23110 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	42.0	45.4	47.2	50.6	58.6	66.1	70.3	68.5	65.0	56.2	46.0	41.3	54.8
	S. D.	6.868	5.560	5.911	5.719	7.026	6.217	5.009	5.269	5.731	6.642	6.747	6.689	11.977
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	40.6	43.4	44.9	47.1	53.8	60.7	64.5	63.7	60.7	52.6	43.9	39.7	51.3
	S. D.	7.481	6.133	6.115	5.594	6.318	6.103	5.269	5.288	5.691	6.631	7.165	7.282	10.864
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	39.8	42.1	45.2	52.3	62.0	69.2	72.4	69.3	64.2	53.0	42.4	38.6	54.3
	S. D.	7.515	6.620	5.818	5.669	6.966	7.030	5.262	5.566	5.703	6.793	7.312	7.499	13.789
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	46.2	52.8	57.2	65.0	74.6	81.7	85.9	82.9	79.2	70.3	55.9	46.4	66.6
	S. D.	6.119	5.300	5.438	7.098	8.289	8.087	6.212	6.234	6.761	7.164	6.702	5.730	15.453
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	52.9	60.1	63.2	71.7	82.2	90.2	94.8	91.8	87.7	78.6	63.9	54.2	74.3
	S. D.	6.998	6.399	6.577	8.474	9.287	8.316	6.318	6.734	7.761	8.159	7.719	6.151	16.373
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	54.2	61.4	63.8	73.0	84.2	92.7	97.5	94.2	89.4	79.0	64.0	54.8	75.7
	S. D.	7.174	6.605	6.942	9.112	9.624	8.465	6.208	6.606	7.874	8.868	7.967	5.964	17.065
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
19	MEAN	47.3	53.1	55.6	62.8	75.4	85.5	89.6	84.4	77.4	66.8	54.1	47.3	66.7
	S. D.	5.750	5.018	5.665	7.766	8.676	7.513	5.275	6.025	6.543	7.172	6.255	5.312	16.170
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	43.9	48.1	50.1	54.5	64.1	72.7	76.9	74.1	69.8	59.5	48.7	43.3	58.9
	S. D.	6.431	5.147	5.517	6.320	7.063	6.524	4.674	5.242	6.079	6.707	6.337	6.059	13.291
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	45.9	50.8	53.4	59.6	69.4	77.3	81.5	78.6	74.2	64.5	52.4	45.7	62.8
	S. D.	8.479	9.019	9.372	11.623	13.206	13.262	12.660	12.156	12.144	12.457	10.697	8.608	16.957
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

2311 LEMOORE, CA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	40.2	43.2	44.2	45.7	50.6	55.2	59.1	58.5	55.9	49.1	42.1	39.1	48.6
	S. D.	6.657	5.364	5.934	4.670	5.206	4.822	3.911	4.179	4.984	5.950	6.378	6.382	8.796
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	39.0	41.5	42.5	43.4	47.9	52.4	56.1	55.9	53.5	47.0	40.6	37.8	46.5
	S. D.	7.229	5.843	6.090	5.034	5.134	4.876	4.257	4.285	5.232	6.298	6.944	6.975	8.577
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	38.3	40.5	43.1	47.5	53.2	57.3	60.2	59.2	56.0	47.5	39.6	36.9	48.3
	S. D.	7.292	6.251	5.660	4.482	4.893	4.619	3.569	3.731	4.989	6.119	7.138	7.220	10.014
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	43.8	49.0	51.2	53.9	58.6	62.4	65.8	65.0	63.3	57.5	49.6	43.6	55.3
	S. D.	5.682	4.591	4.969	4.492	5.090	4.645	3.449	3.452	4.275	4.755	5.215	5.211	8.972
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	47.8	52.7	53.6	56.3	61.2	65.2	68.6	68.1	66.5	60.4	53.3	48.1	58.5
	S. D.	5.679	4.560	5.147	4.657	5.291	4.520	3.273	3.165	4.224	4.751	5.035	4.615	8.593
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	48.2	52.9	53.6	56.4	61.3	65.8	69.3	68.6	66.6	60.0	52.9	48.2	58.7
	S. D.	5.494	4.469	5.083	4.748	5.334	4.469	3.174	3.357	4.298	5.009	5.173	4.569	8.720
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
19	MEAN	44.2	48.6	49.6	52.3	58.2	63.4	67.3	65.7	62.2	55.0	47.6	43.6	54.8
	S. D.	5.559	4.405	5.195	4.740	5.363	4.887	3.609	3.791	4.774	5.476	5.256	5.091	9.438
	TOTAL OBS	310	262	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	41.7	45.3	46.2	48.0	53.3	58.5	62.7	61.4	58.4	50.9	43.9	40.6	51.0
	S. D.	6.280	4.892	5.579	4.724	4.991	4.767	3.892	4.025	5.018	5.792	5.933	5.823	9.117
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	42.9	46.7	48.0	50.4	55.5	60.0	63.7	62.8	60.3	53.4	46.2	42.2	52.7
	S. D.	7.196	6.799	6.956	6.599	6.961	6.573	5.826	5.819	6.688	7.566	7.801	7.115	10.078
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

27119 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
1	MEAN	37.8	40.6	40.9	40.1	42.9	45.7	50.7	50.8	48.2	41.8	37.3	36.0	42.8
	S. D.	7.466	6.104	7.395	6.241	5.784	6.749	5.403	5.787	7.231	7.788	8.107	7.248	8.383
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
4	MEAN	36.8	39.4	39.6	39.1	41.9	44.8	49.3	49.4	47.0	40.9	36.4	35.1	41.7
	S. D.	7.829	6.363	7.213	6.313	5.913	6.639	5.607	5.776	7.305	8.024	8.351	7.697	8.426
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
7	MEAN	36.3	38.6	40.6	42.6	45.4	47.7	51.3	51.7	49.3	41.8	35.8	34.4	43.0
	S. D.	7.826	6.620	6.576	5.930	5.567	6.230	4.794	5.103	7.112	7.574	8.313	7.917	8.906
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	41.1	45.5	45.4	43.9	46.0	48.5	53.0	53.2	52.5	47.0	43.3	40.3	46.6
	S. D.	6.694	5.731	6.954	6.280	6.084	6.862	4.943	5.119	6.200	6.389	7.059	6.238	7.543
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	42.7	46.1	44.9	43.1	45.1	48.1	52.5	53.7	53.0	46.4	43.7	41.9	46.8
	S. D.	7.045	6.083	7.583	6.672	6.719	6.878	5.221	4.808	6.543	6.575	7.095	6.150	7.619
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	42.1	45.2	44.2	42.0	43.6	47.3	52.1	53.0	52.0	45.1	42.4	41.4	45.9
	S. D.	7.178	6.258	7.912	7.021	6.807	6.811	5.417	5.228	6.727	7.276	7.394	6.573	7.894
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
19	MEAN	40.6	44.3	43.5	42.3	44.1	47.4	53.5	53.9	51.4	44.6	40.6	39.4	45.5
	S. D.	6.849	5.566	7.581	6.790	6.921	7.656	6.008	5.194	6.977	7.690	7.377	6.459	8.325
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	39.0	42.3	42.0	41.3	43.6	47.2	52.8	52.5	49.4	42.4	38.3	37.3	44.0
	S. D.	7.210	5.803	7.564	6.623	5.890	6.764	5.756	5.562	7.294	7.943	7.771	6.828	8.489
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	39.5	42.7	42.6	41.8	44.1	47.1	51.9	52.3	50.3	43.8	39.7	38.2	44.5
	S. D.	7.607	6.656	7.621	6.650	6.350	6.920	5.852	5.517	7.218	7.727	8.246	7.433	8.406
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

4

RELATIVE HUMIDITY

23113	LEMOORE, CA	73-82	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	100.0	100.0	100.0	99.7	97.4	91.6	72.3	28.4	85.3	310
	04	100.0	100.0	100.0	100.0	99.7	99.4	97.1	77.7	32.6	86.9	310
	07	100.0	100.0	100.0	100.0	100.0	99.7	97.1	83.2	35.8	87.7	310
	10	100.0	100.0	100.0	100.0	98.4	92.9	81.3	63.5	35.2	[illegible].4	310
	13	100.0	100.0	99.7	96.1	83.5	68.4	51.[illegible]	29.7	13.5	70.4	310
	16	100.0	100.0	98.4	91.6	77.4	61.6	44.8	22.6	7.7	66.4	310
	19	100.0	100.0	100.0	100.0	97.1	90.6	77.4	44.5	16.1	78.6	310
	22	100.0	100.0	100.0	99.7	99.4	96.8	89.7	62.9	25.8	83.5	310
TOTALS		100.0	100.0	99.8	98.4	94.4	88.4	78.8	57.1	24.4	80.3	2480

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RELATIVE HUMIDITY

23110 LEMOORE, CA 73-82 FEB

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01	100.0	100.0	100.0	100.0	99.6	97.9	91.1	69.1	25.5	84.1	282
	04	100.0	100.0	100.0	99.6	99.6	98.6	94.7	79.1	28.4	86.2	282
	07	100.0	100.0	100.0	100.0	100.0	99.6	97.2	82.6	31.2	87.5	282
	10	100.0	100.0	99.6	99.3	96.5	90.4	68.4	43.6	17.0	77.5	282
	13	100.0	100.0	99.3	90.8	74.1	52.1	29.4	13.1	3.2	61.8	282
	16	100.0	99.6	97.9	84.8	63.5	38.7	21.6	9.6		57.4	282
	19	100.0	100.0	100.0	99.3	95.7	84.8	61.3	27.3	6.0	73.2	282
	22	100.0	100.0	100.0	100.0	99.6	96.1	86.5	51.8	14.9	80.9	282
TOTALS		100.0	100.0	99.6	96.7	91.1	82.3	68.8	47.0	15.8	76.1	2256

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RELATIVE HUMIDITY

23110 LEMOORE, CA 73-82 MAR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	100.0	100.0	99.7	97.7	91.3	52.3	51.9	11.6	79.4	310
	04	100.0	100.0	100.0	99.7	99.4	94.8	88.7	64.8	15.5	82.2	310
	07	100.0	100.0	100.0	100.0	99.0	96.1	91.9	74.5	22.9	84.6	310
	10	100.0	100.0	99.4	95.8	83.9	68.1	40.0	13.5	1.6	66.0	310
	13	100.0	99.0	94.5	80.3	56.5	30.0	11.9	3.9		53.3	310
	16	100.0	98.4	90.6	73.5	48.7	28.7	14.5	3.9	.3	51.4	310
	19	100.0	99.7	98.7	92.6	82.6	65.5	42.3	15.8	1.6	65.6	310
	22	100.0	100.0	99.7	98.1	93.5	87.4	70.0	37.4	8.1	75.1	310
TOTALS		100.0	99.6	97.9	92.5	82.7	70.2	55.2	33.2	7.7	69.7	7440

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RELATIVE HUMIDITY

2111 LEMOORE, CA 73-82 APR
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%		
APR	01	100.0	100.0	99.0	95.7	88.7	71.0	50.3	23.7	3.3	69.1	300
	04	100.0	100.0	99.7	99.0	94.3	86.7	66.0	36.0	10.3	75.0	300
	07	100.0	100.0	100.0	96.3	91.3	74.7	53.7	31.3	7.0	71.4	300
	10	100.0	98.7	91.0	70.3	40.3	17.0	6.3	2.3		46.4	300
	13	100.0	94.0	69.3	36.3	13.0	6.3	4.0	1.0		38.0	300
	16	100.0	88.3	57.3	30.7	12.7	6.3	3.0	1.7	.3	35.5	300
	19	100.0	97.3	91.0	67.3	46.3	23.7	11.0	2.3		49.7	300
	22	100.0	99.0	96.7	93.7	79.0	56.3	35.3	11.3	2.3	62.2	300
TOTALS		100.0	97.2	88.0	73.7	58.2	42.8	28.7	13.7	2.9	56.3	2400

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RELATIVE HUMIDITY

2711 LEMOORE, CA — STATION / STATION NAME
73-82 — PERIOD
MAY — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	100.0	93.5	70.6	36.8	10.0	2.3		57.2	310
	04	100.0	100.0	99.7	98.7	90.3	62.6	29.7	11.0	1.0	65.1	310
	07	100.0	100.0	99.4	91.6	65.2	32.9	9.0	1.6	.3	55.6	310
	10	100.0	98.7	75.5	35.2	8.1	1.3	.6			37.3	310
	13	100.0	94.2	35.8	7.7	1.3	1.0	.3	.3		28.4	310
	16	100.0	71.3	16.9	3.5	1.6	.3	.3			25.1	310
	19	100.0	93.9	61.9	21.3	7.1	2.3	1.3			34.2	310
	22	100.0	100.0	96.8	77.1	36.8	12.9	4.5	1.0		46.6	310
TOTALS		100.0	93.5	73.2	53.6	35.1	18.8	7.0	2.0	.2	44.0	2480

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RELATIVE HUMIDITY

23119 LEMOORE, CA 73-82 JUN

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01	100.0	99.7	96.0	76.0	45.3	14.7	2.7	.3		49.1	300
	04	100.0	100.0	99.3	88.7	68.3	46.0	15.3	2.3		57.4	300
	07	100.0	100.0	92.3	69.0	42.0	16.7	3.3	.3		48.0	300
	10	100.0	91.3	54.3	20.7	5.0	1.7	.7			33.0	300
	13	100.0	66.3	20.7	3.0	1.0	.3				24.6	300
	16	100.0	49.7	11.0	2.0	1.0	.7	.3			22.1	300
	19	100.0	84.3	31.0	7.3	2.0	1.0	.3	.3		27.7	300
	22	100.0	99.3	86.0	52.0	15.7	4.0	1.3	.3		41.5	300
TOTALS		100.0	96.3	61.3	39.8	22.5	10.6	3.0	.4		37.9	2400

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RELATIVE HUMIDITY

23110	LEMOORE, CA	73-82	JUL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01	100.0	100.0	99.4	85.5	51.0	13.5	2.9	.6		50.8	310
	04	100.0	100.0	100.0	95.5	77.1	41.9	12.9	3.5	.3	58.8	310
	07	100.0	100.0	98.7	79.0	38.7	11.6	1.9			48.4	310
	10	100.0	98.4	55.5	17.4	4.2	.3				33.2	310
	13	100.0	72.9	17.7	4.2	.3					24.8	310
	16	100.0	51.6	10.6	2.6	1.0	.3				22.5	310
	19	100.0	92.9	40.0	6.8	1.3	.6				29.9	310
	22	100.0	100.0	95.8	64.8	19.4	3.5	.6			43.8	310
TOTALS		100.0	89.5	64.7	48.5	28.1	9.0	2.3	.5	.0	39.0	2480

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RELATIVE HUMIDITY

2'11C (STATION) LEMOORE, CA (STATION NAME) 73-82 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	99.4	90.6	60.0	31.9	8.1	.6		54.3	310
	04	100.0	100.0	99.7	96.5	78.7	48.7	22.9	5.5		63.9	310
	07	100.0	100.0	99.7	87.1	61.0	34.8	9.7	1.3		58.9	310
	10	100.0	98.1	73.5	31.6	7.7	1.0	.6	.3		37.0	310
	13	100.0	86.8	32.9	6.8	1.6	.6	.3			28.5	310
	16	100.0	74.5	21.6	3.2	1.0	1.0	.3			25.8	310
	19	100.0	100.0	75.5	22.3	3.2	1.0	1.0			35.8	310
	22	100.0	100.0	99.0	78.4	34.5	9.7	1.3	1.0		47.7	310
TOTALS		100.0	94.9	75.2	52.1	31.0	16.1	5.5	1.1		43.1	2480

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

23110	LEMOORE, CA	73-82	SEP
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	99.3	85.7	62.3	36.3	15.0	5.7	.3	56.0	300
	04	100.0	100.0	100.0	97.0	73.7	54.3	28.3	10.7	2.7	62.3	300
	07	100.0	100.0	100.0	90.3	69.7	45.0	24.7	10.7	2.0	60.2	300
	10	100.0	99.7	84.3	44.3	17.7	7.0	3.0	1.3		41.1	300
	13	100.0	91.0	45.3	16.3	5.0	3.3	1.7	1.3		32.1	300
	16	100.0	87.0	36.3	10.3	3.3	2.3	1.7	1.0		29.5	300
	19	100.0	100.0	85.3	47.0	17.0	5.7	2.3	1.3		41.5	300
	22	100.0	100.0	98.7	72.3	43.7	20.3	6.3	2.3	.3	49.9	300
TOTALS		100.0	97.2	81.2	57.9	36.6	21.8	10.4	4.3	.7	46.6	2400

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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RELATIVE HUMIDITY

2 3110 LEMOORE, CA 73-82 OCT

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%		
OCT	01	100.0	100.0	99.7	93.9	78.1	45.5	18.7	6.8	1.6	59.9	310
	04	100.0	100.0	100.0	98.1	90.0	63.5	33.9	12.3	1.9	65.7	310
	07	100.0	100.0	100.0	98.4	89.4	69.4	39.7	15.5	3.2	67.0	310
	10	100.0	100.0	98.1	60.3	30.0	10.6	2.9	1.0		45.0	310
	13	100.0	95.5	55.5	23.2	6.5	2.3	.6	.3	.3	33.6	310
	16	100.0	86.8	47.7	19.0	7.1	3.5	1.3	1.0	.3	32.1	310
	19	100.0	99.0	94.5	64.8	27.7	14.2	5.8	1.6	.6	46.4	310
	22	100.0	99.7	98.1	89.4	59.7	26.5	11.3	4.5	1.3	54.7	310
TOTALS		100.0	97.6	85.5	68.4	48.6	29.4	14.3	5.4	1.2	50.6	2480

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

23113 LEMOORE, CA 73-82 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	01	100.0	100.0	99.3	97.7	93.3	80.0	63.3	32.3	7.7	73.0	300
	04	100.0	100.0	99.7	99.0	98.0	87.0	71.7	38.3	8.7	75.9	300
	07	100.0	100.0	99.7	99.7	98.7	93.0	75.3	46.3	10.0	78.2	300
	10	100.0	100.0	98.7	92.7	76.7	57.7	37.0	21.3	8.0	65.0	300
	13	100.0	99.0	90.3	70.3	43.7	24.7	13.0	3.7	.7	50.3	300
	16	100.0	98.7	86.7	63.3	36.3	20.7	11.3	5.3		46.1	300
	19	100.0	99.7	98.7	93.0	74.7	55.0	33.3	10.3	2.7	62.3	300
	22	100.0	100.0	99.7	98.0	90.7	72.0	49.3	19.7	4.0	68.8	300
TOTALS		100.0	99.7	96.6	89.2	76.5	61.3	44.2	22.2	5.2	65.2	2400

OCEANAV—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

2?11? LEMOORE, CA ??-?? DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	01	100.0	100.0	100.0	100.0	99.0	98.7	89.0	57.1	19.7	82.0	310
	04	100.0	100.0	100.0	99.7	99.7	98.7	92.9	67.1	21.0	83.9	310
	07	100.0	100.0	100.0	100.0	99.7	99.0	95.5	72.6	25.2	85.2	310
	10	100.0	100.0	100.0	99.7	98.4	92.3	76.1	51.6	24.8	80.7	310
	13	100.0	100.0	99.4	95.2	79.7	57.1	38.7	19.0	7.1	65.4	310
	16	100.0	100.0	98.7	92.6	73.1	53.4	35.9	14.9	2.6	62.8	309
	19	100.0	100.0	100.0	99.4	97.1	90.3	68.0	32.4	6.5	75.1	309
	22	100.0	100.0	100.0	99.7	98.7	96.8	84.5	46.9	11.7	79.8	309
TOTALS		100.0	100.0	99.8	98.3	93.2	85.8	72.4	45.2	14.8	76.9	2477

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

23119	LEMOORE, CA	73-82	ALL
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.8	98.4	94.4	88.4	78.9	57.1	24.4	80.3	2481
FEB		100.0	100.0	99.6	96.7	91.1	82.3	68.8	47.0	15.8	76.1	2256
MAR		100.0	99.6	97.9	92.5	82.7	70.2	55.2	33.2	7.7	69.7	2480
APR		100.0	97.2	88.0	73.7	58.2	42.8	28.7	13.7	2.9	56.3	2400
MAY		100.0	93.5	73.2	53.6	35.1	18.8	7.0	2.0	.2	44.0	2480
JUN		100.0	86.3	61.3	39.6	22.5	10.6	3.0	.4		37.9	2400
JUL		100.0	89.5	64.7	44.5	24.1	9.0	2.3	.5	.0	39.0	2480
AUG		100.0	94.9	75.2	52.1	31.3	16.1	5.5	1.1		43.1	2480
SEP		100.0	97.2	81.2	57.9	36.6	21.8	10.4	4.3	.7	46.6	2400
OCT		100.0	97.6	85.5	68.4	48.6	29.4	14.3	5.4	1.2	50.6	2480
NOV		100.0	99.7	96.6	89.2	76.5	61.3	44.2	22.2	5.2	65.2	2400
DEC		100.0	100.0	99.8	98.3	93.2	85.8	72.6	45.2	14.8	76.9	2477
TOTALS		100.0	96.3	85.2	72.1	57.8	44.7	32.6	19.3	6.1	57.1	29213

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2711 (STATION) L[illegible]MORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81						100.0				1	.0
72 TO 76					66.7	33.3				3	.1
67 TO 71	10.0	5.0	15.0	10.0	20.0		10.0	10.0	20.0	20	.8
62 TO 66	26.0	2.7	5.5	13.7	23.3	9.6	4.1	4.1	11.0	73	2.9
57 TO 61	15.0	5.6	5.0	23.8	22.5	2.5	6.9	6.3	12.5	160	6.5
52 TO 56	13.6	5.8	11.1	18.6	18.3	4.4	5.0	6.4	16.9	361	14.6
47 TO 51	19.4	3.0	6.3	16.6	17.0	2.8	3.8	11.1	20.0	495	20.0
42 TO 46	14.4	5.1	5.3	13.9	11.7	2.9	6.9	12.3	27.4	589	23.5
37 TO 41	10.2	2.7	3.9	12.4	12.7	4.8	9.5	8.9	34.9	462	19.4
32 TO 36	7.0	1.1	3.2	13.0	7.6	2.7	13.0	16.2	36.2	185	7.5
27 TO 31	9.8		3.3	8.7	6.5	7.6	17.4	10.9	35.9	92	3.7
22 TO 26	4.2			8.3	16.7	16.7	8.3	4.2	41.7	24	1.0
17 TO 21						100.0				1	.0
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	14.0	3.9	5.8	15.1	14.6	4.0	7.3	10.0	25.4	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

27117 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) FEBRUARY (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81		11.1	22.2		11.1		11.1		44.4	9	.4
72 TO 76	21.7	21.7	17.4	13.0	13.0				13.0	23	1.0
67 TO 71	24.0	8.0	8.0	14.7	10.7	8.0		5.3	21.3	75	3.3
62 TO 66	24.1	4.8	6.0	13.3	21.7	3.0	4.2	7.2	15.7	166	7.4
57 TO 61	25.2	6.2	8.8	14.1	15.7	5.2	1.6	7.2	16.0	306	13.6
52 TO 56	19.8	3.8	5.6	17.8	20.7	4.3	4.7	9.0	14.4	445	19.7
47 TO 51	20.5	2.0	5.2	12.7	12.7	3.8	10.4	11.4	21.3	498	22.1
42 TO 46	10.1	1.8	4.1	9.3	11.9	7.3	17.6	15.5	22.3	386	17.1
37 TO 41	13.4	1.3	4.9	6.7	9.8	7.6	19.6	12.5	24.1	224	9.9
32 TO 36	7.4	1.9	2.8	7.4	9.3	11.1	16.7	5.6	38.0	108	4.8
27 TO 31	12.5				25.0	6.3	12.5	6.3	37.5	16	.7
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	18.1	3.5	5.8	12.4	14.8	5.5	9.7	10.2	20.2	2256	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2711 STATION | LEMOORE, CA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | MARCH 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			50.0	50.0						2	.1
77 TO 81	32.2		16.7	5.6	16.7	11.1			27.8	18	.7
72 TO 76	29.3	12.1	13.8	13.8	8.6		5.2	6.9	10.3	58	2.3
67 TO 71	36.8	9.6	4.4	5.9	15.4	2.2	5.9	8.8	11.0	136	5.5
62 TO 66	31.6	6.6	5.6	10.3	15.3	5.9	4.2	7.6	12.5	288	11.6
57 TO 61	35.6	5.1	5.4	8.0	14.6	4.6	5.1	12.2	9.3	410	16.5
52 TO 56	23.8	4.4	4.8	12.3	14.0	4.8	6.5	16.5	12.9	477	19.3
47 TO 51	22.7	1.7	3.0	8.6	8.8	4.7	12.0	22.1	16.5	467	18.8
42 TO 46	19.7	.6	4.8	5.1	7.6	4.5	16.0	23.9	18.0	356	14.4
37 TO 41	17.0	3.4	2.9	5.8	8.3	5.8	16.0	16.5	24.3	206	8.3
32 TO 36	15.8			7.0	7.0	17.5	17.5	22.8	12.3	57	2.3
27 TO 31					33.3				66.7	3	.1
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	25.9	4.0	4.7	8.7	11.7	5.0	9.3	16.2	14.6	2483	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2211 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1987 (YEARS) APRIL (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101		66.7						33.3		3	.1
92 TO 96	25.0	25.0	25.0				25.0			4	.2
87 TO 91	42.9	23.8	9.5	4.8	4.8	4.8	9.5			21	.9
82 TO 86	33.8	20.3	5.4	6.8	10.8	8.1	5.4	8.1	1.4	74	3.1
77 TO 81	49.2	12.5	5.5	3.9	3.9	3.9	6.3	10.9	3.9	128	5.3
72 TO 76	54.7	9.4	8.3	2.1	3.6	1.0	4.2	12.5	4.2	192	8.0
67 TO 71	55.3	7.2	5.1	2.5	3.4	5.5	6.3	9.7	5.1	237	9.9
62 TO 66	45.2	7.5	3.9	3.0	6.6	3.3	5.6	19.7	5.2	305	12.7
57 TO 61	41.1	4.6	3.4	3.7	6.3	4.6	8.9	22.1	5.2	348	14.5
52 TO 56	33.4	2.9	1.9	4.1	5.5	4.3	11.0	27.4	9.5	419	17.5
47 TO 51	23.8	2.1	1.0	3.4	6.8	4.7	17.0	29.2	12.0	387	16.0
42 TO 46	29.2	.5	1.4	4.6	5.0	2.7	15.5	24.7	16.4	219	9.1
37 TO 41	20.3			3.4	6.8	13.6	23.7	16.9	15.3	59	2.5
32 TO 36	12.5				12.5	12.5	50.0	12.5		8	.3
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	38.5	5.6	3.4	3.5	5.7	4.3	10.4	20.7	8.0	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2711C STATION | LEMOORE, CA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | MAY MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106	37.5	37.5			12.5			12.5		8	.3
97 TO 101	45.9	13.5	10.8	2.7	2.7		2.7	16.2	5.4	37	1.5
92 TO 96	59.6	7.4	6.5	3.2		2.1	4.3	14.9		94	3.9
87 TO 91	63.5	11.5	3.4	1.4		3.4	4.7	10.1	2.0	148	6.0
82 TO 86	64.6	10.8	4.9	.9	.4	3.1	2.2	11.7	1.3	223	9.0
77 TO 81	62.9	8.1	3.6		2.0	1.2	3.6	15.7	2.8	249	10.0
72 TO 76	58.7	6.3	1.7	2.3	1.0	1.3	6.0	20.3	2.3	300	12.1
67 TO 71	48.6	6.1	3.1	.3	1.0	1.0	7.1	28.2	4.4	294	11.9
62 TO 66	43.6	2.1	2.7		.9	2.4	5.0	34.6	4.8	335	13.5
57 TO 61	44.6	3.4	1.5	.9	3.1	2.4	8.3	27.8	8.0	327	13.2
52 TO 56	45.2	2.1	.7	3.2	2.1	1.8	8.9	32.4	3.6	281	11.3
47 TO 51	35.1			2.3	4.6	6.1	9.9	33.6	8.4	131	5.3
42 TO 46	26.7			2.2	6.7	4.4	11.1	22.2	26.7	45	1.8
37 TO 41	11.1			11.1	22.2	11.1		22.2	22.2	9	.4
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	51.1	5.5	2.7	1.3	1.8	2.3	6.7	24.2	4.5	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] / STATION — TEMOOKE, CA / STATION NAME — JANUARY 1973-DECEMBER 1982 / YEARS — JUNE / MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111	20.0	40.0	13.3				13.3		13.3	15	.6
102 TO 106	54.5	30.3	6.1	1.5	1.5		1.5	1.5	3.0	66	2.8
97 TO 101	56.6	18.8	3.9	1.6	1.6	1.6	.8	11.7	1.6	128	5.3
92 TO 96	59.2	15.4	4.0	1.0	.5	.5	1.5	14.9	3.0	201	8.4
87 TO 91	62.2	10.6	2.4			.5	5.3	17.5	1.2	246	10.3
82 TO 86	58.5	8.1	3.1	.4	.4	2.3	4.2	20.4	2.7	262	10.9
77 TO 81	50.7	7.6	2.8		.7	2.1	6.2	26.6	3.4	292	12.1
72 TO 76	46.0	4.2	2.6	1.3	.6	1.6	9.3	31.0	3.5	313	13.0
67 TO 71	46.3	2.0	1.7	2.0	1.0	2.0	8.2	34.7	2.0	294	12.3
62 TO 66	46.9	.7	1.0	.7	1.4	2.0	6.8	35.4	5.1	294	12.3
57 TO 61	45.4	3.2	2.2		1.1	2.2	12.4	30.0	2.7	185	7.7
52 TO 56	48.3	1.1	2.2			2.2	4.5	36.0	5.6	89	3.7
47 TO 51	42.1						5.3	42.1	10.5	19	.8
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LOW											
TOTALS	51.6	7.4	2.6	.8	.8	1.7	6.3	25.8	3.2	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2211 LEMOORE, CA JANUARY 1973-DECEMBER 1982 JULY

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	36.4	45.5	9.1						9.1	11	.4
102 TO 106	46.6	19.5	10.2	1.7	1.7	1.7	5.1	11.0	2.3	118	4.8
97 TO 101	47.6	19.7	7.9	1.3	.9	.9	4.8	15.3	2.2	223	9.2
92 TO 96	62.0	11.7	2.9	1.9	.6	1.0	2.6	15.6	1.6	309	12.4
87 TO 91	56.0	8.6	3.1	.7	.3	.7	4.5	25.1	1.0	291	11.7
82 TO 86	53.9	4.8	2.2		.9	2.2	7.0	25.4	3.5	228	9.2
77 TO 81	40.3	2.0	1.0	.3	.3	.7	8.6	42.6	4.3	303	12.2
72 TO 76	35.4	1.7	.6	.6		2.8	8.2	46.7	4.0	353	14.2
67 TO 71	29.1	.9			.9	1.9	7.3	44.9	5.0	317	12.8
62 TO 66	34.9	.5			1.4	4.2	12.1	40.0	7.0	215	8.7
57 TO 61	39.0				2.4	3.7	11.0	36.6	7.3	82	3.3
52 TO 56	36.0		4.0				16.0	40.0	4.0	25	1.0
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	45.6	6.5	2.4	.6	.7	1.7	6.9	31.8	3.6	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

27110	LEMOORE, CA	JANUARY 1973-DECEMBER 1982	AUGUST
STATION	STATION NAME	YEARS	MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111	62.5	25.0						12.5		8	.3
102 TO 106	47.5	16.4	16.4	1.6		3.3		9.8	4.9	61	2.5
97 TO 101	42.3	24.8	9.5	2.9	2.2		5.8	10.9	1.5	137	5.5
92 TO 96	50.2	19.4	4.4	3.5	1.3	1.3	1.3	16.3	2.2	227	9.2
87 TO 91	55.2	10.7	4.5	2.1	1.7	1.7	3.4	17.6	3.1	290	11.7
82 TO 86	51.8	7.3	1.3	.3	.3	2.3	5.6	27.7	1.3	303	12.2
77 TO 81	51.5	1.0	.3	1.7	1.7	1.0	8.6	30.6	3.4	291	11.7
72 TO 76	29.0	1.9	.3	.3	.9	2.2	12.6	45.1	7.6	317	12.8
67 TO 71	30.3	.8		1.1	1.6	1.8	13.9	42.9	7.6	380	15.3
62 TO 66	31.1	.3	.3	.6	.6	2.3	10.7	46.6	7.4	309	12.5
57 TO 61	23.4	1.5			2.9	3.6	20.4	38.0	10.2	137	5.5
52 TO 56	20.0					10.0	20.0	15.0	35.0	20	.8
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	40.8	6.4	2.1	1.3	1.3	1.9	8.9	31.8	9.5	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2716 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (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	44.4	5.6	38.9	11.1						18	.2
97 TO 101	43.7	24.1	11.5	2.3	4.6			10.3	3.4	87	3.6
92 TO 96	54.8	17.1	11.0	2.7	1.4	.7	4.1	5.5	2.7	146	6.1
87 TO 91	51.8	12.6	3.7	4.2	1.6	2.1	2.6	14.1	7.3	191	8.0
82 TO 86	49.8	9.4	6.8	2.1	1.7	2.6	4.7	18.7	4.3	235	9.8
77 TO 81	46.2	7.2	4.8	2.8	1.4	1.7	5.2	22.8	7.9	290	12.1
72 TO 76	32.9	3.1	2.5	1.8	2.5	2.8	10.5	34.5	9.5	325	13.5
67 TO 71	26.4	3.5	2.7	2.4	1.9	3.5	14.7	32.6	12.2	368	15.3
62 TO 66	25.3	.8	.8	1.1	3.3	4.9	15.0	38.4	10.4	367	15.3
57 TO 61	18.9	1.2	1.6	2.0	2.0	4.0	20.1	36.1	14.1	249	10.4
52 TO 56	17.0		1.1	2.1	6.4	7.4	21.3	22.3	22.3	94	3.9
47 TO 51	14.8	3.7			7.4	18.5	14.8	18.5	22.2	27	1.1
42 TO 46									100.0	3	.1
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	35.0	6.0	4.0	2.3	2.4	3.3	10.6	26.8	9.7	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

27110 STATION | LEMOORE, CA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | OCTOBER MONTH | HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	11.1	33.3	11.1				11.1	11.1	22.2	9	.4
92 TO 96	26.5	32.4	17.6	5.9				11.8	5.9	34	1.4
87 TO 91	32.9	22.4	14.5	7.9	1.3	2.6	1.3	3.9	13.2	76	3.1
82 TO 86	37.5	12.5	11.8	8.6	3.9	1.3	3.3	8.6	12.5	152	6.1
77 TO 81	31.7	15.6	6.5	3.8	4.6	2.2	3.2	11.8	20.4	186	7.5
72 TO 76	37.1	10.4	7.3	5.0	5.4	2.7	3.5	14.7	13.9	259	10.4
67 TO 71	36.1	7.3	5.6	4.0	4.3	4.3	7.9	18.5	11.9	302	12.2
62 TO 66	30.3	2.8	3.3	2.5	6.6	3.3	11.0	23.4	16.8	363	14.6
57 TO 61	21.4	1.6	1.3	2.7	4.8	4.8	16.9	24.9	21.4	373	15.0
52 TO 56	17.2	.3	1.7	5.5	4.7	4.4	19.8	21.8	24.7	346	13.9
47 TO 51	10.6	.9		2.6	5.1	5.1	27.2	22.6	26.0	235	9.5
42 TO 46	7.0		.9	2.6	6.1	10.5	19.3	21.1	32.5	114	4.6
37 TO 41	3.2				16.1	9.7	29.0	6.5	35.5	31	1.3
32 TO 36							50.0		50.0	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	25.8	5.9	4.8	4.0	5.0	4.0	12.6	18.9	19.3	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

27110 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (MONTH)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86									100.0	3	.1
77 TO 81	20.5	15.4	23.1	5.1	5.1	2.6	2.6	7.7	17.9	39	1.6
72 TO 76	26.1	10.1	7.2	13.0	13.0	4.3	2.9	7.2	15.9	69	2.9
67 TO 71	24.1	16.1	10.9	9.5	9.5	3.6	.7	6.6	19.0	137	5.7
62 TO 66	30.5	8.5	7.2	5.9	10.2	3.4	3.8	8.5	22.0	236	9.8
57 TO 61	24.3	7.1	6.2	11.7	9.8	2.2	6.8	12.3	19.7	325	13.5
52 TO 56	19.7	3.9	6.1	10.4	9.2	3.6	7.3	15.5	24.3	412	17.2
47 TO 51	16.5	2.8	6.2	11.2	8.3	4.1	11.2	14.2	25.5	436	18.2
42 TO 46	11.0	2.6	1.7	7.8	5.8	4.3	15.0	16.2	35.5	346	14.4
37 TO 41	6.5	.8	1.2	5.8	7.7	4.6	15.0	13.1	45.4	260	10.8
32 TO 36	7.4			4.2	6.3	5.3	13.7	7.4	55.8	95	4.0
27 TO 31	2.6			7.7	7.7	7.7	15.4	12.8	46.2	39	1.6
22 TO 26						33.3			66.7	3	.1
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	17.8	4.9	5.3	9.0	8.5	3.9	9.3	12.7	28.7	2900	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2711C (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (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											
77 TO 81											
72 TO 76				66.7		33.3				3	.1
67 TO 71	10.0	10.0	20.0	10.0	10.0				40.0	10	.4
62 TO 66	20.0	5.0	3.3	18.3	20.0	5.0	1.7	8.3	18.3	60	2.4
57 TO 61	21.6	5.0	10.1	15.1	12.6	2.0	4.0	3.5	26.1	199	8.0
52 TO 56	20.9	7.1	7.9	18.5	11.6	2.9	2.4	10.8	17.7	378	15.3
47 TO 51	16.7	4.3	6.0	18.0	13.3	3.2	3.0	11.3	24.2	467	18.9
42 TO 46	12.5	2.7	5.8	12.4	13.4	3.7	6.2	12.0	31.3	566	22.9
37 TO 41	7.0	1.4	4.2	10.2	10.9	5.6	11.1	11.8	37.8	431	17.4
32 TO 36	4.2	.8	3.4	9.3	7.2	4.7	17.4	6.4	46.6	236	9.5
27 TO 31	4.5	.9	3.6	8.2	9.1	7.3	12.7	4.5	49.1	110	4.4
22 TO 26				6.3	18.8	6.3		12.5	56.3	16	.6
17 TO 21									100.0	1	.0
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	13.3	3.4	5.9	13.9	12.0	4.0	6.9	10.0	30.7	2477	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2111 (STATION) LEMOORE, CA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (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	35.3	38.2	8.8				5.9	2.9	8.8	34	.1
102 TO 106	48.3	21.0	12.2	2.2	1.5	1.5	2.6	7.7	3.0	271	.9
97 TO 101	47.3	21.3	8.1	1.9	1.9	.5	3.5	13.0	2.5	630	2.2
92 TO 96	56.2	15.3	5.7	2.5	.8	1.0	2.5	13.9	2.2	1014	3.5
87 TO 91	55.7	11.5	4.2	2.0	.9	1.7	4.0	16.8	3.3	1263	4.3
82 TO 86	52.4	9.1	4.5	1.9	1.6	2.6	4.7	19.2	4.1	1480	5.1
77 TO 81	46.8	6.9	3.8	1.6	2.1	1.8	6.0	24.3	6.8	1803	6.2
72 TO 76	40.0	5.3	3.4	2.7	2.5	2.2	7.8	29.3	6.8	2215	7.6
67 TO 71	37.3	4.9	3.3	2.8	3.5	2.9	8.8	27.9	8.6	2570	8.8
62 TO 66	34.2	3.3	3.0	3.8	6.7	3.7	8.4	26.5	10.5	3011	10.3
57 TO 61	30.1	4.1	4.1	6.9	8.5	3.7	9.6	20.0	13.1	3101	10.6
52 TO 56	24.2	3.6	4.9	10.9	10.7	4.0	8.4	17.7	15.6	3347	11.5
47 TO 51	19.9	2.4	4.1	10.8	10.5	4.1	10.7	17.5	20.0	3158	10.8
42 TO 46	14.7	2.4	4.1	9.4	9.9	4.5	12.0	16.4	26.7	2618	9.0
37 TO 41	10.3	1.8	3.3	8.8	10.5	5.9	13.7	12.0	33.8	1702	5.8
32 TO 36	6.9	.9	2.5	9.0	7.5	6.4	16.1	10.4	40.4	691	2.4
27 TO 31	6.5	.4	2.7	7.7	9.2	7.3	14.6	8.1	43.5	260	.9
22 TO 26	2.3			7.0	16.3	14.0	4.7	7.0	48.8	43	.1
17 TO 21						50.0			50.0	2	.0
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	71.5	5.7	4.1	6.1	6.6	3.5	8.7	20.0	14.4	29213	100.0

NAVWEASERVCOM

NOCD, Federal Building
Asheville, N. C.

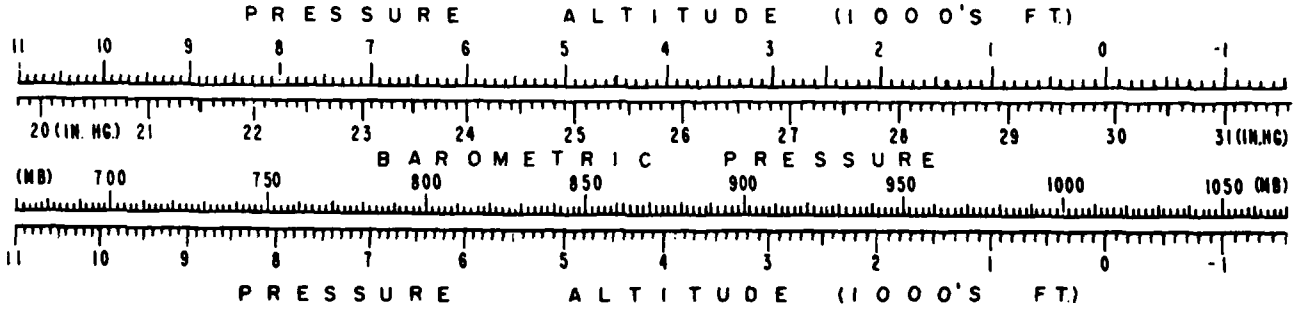
PART F PRESSURE SUMMARY

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

23113 (STATION) LEMOORE, CA (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1019.7	1019.4	1016.5	1016.3	1012.7	1011.7	1011.4	1011.5	1012.0	1015.7	1019.1	1020.9	1015.6
	S. D.	5.542	5.443	5.090	3.582	3.126	3.027	2.508	2.522	2.746	3.299	4.851	4.878	5.311
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1019.6	1019.0	1016.1	1016.1	1012.9	1012.0	1011.7	1011.7	1012.0	1015.6	1018.9	1020.8	1015.5
	S. D.	5.504	5.380	5.145	3.536	3.111	3.021	2.534	2.551	2.712	3.314	4.876	4.842	5.211
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1020.1	1019.6	1017.0	1017.2	1014.1	1013.3	1012.9	1012.9	1013.2	1016.6	1019.7	1021.3	1016.5
	S. D.	5.505	5.697	5.225	3.556	3.121	3.084	2.562	2.650	2.733	3.379	4.973	4.870	5.089
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1021.3	1020.7	1017.8	1017.6	1014.2	1013.4	1013.1	1013.3	1013.7	1017.3	1020.6	1022.4	1017.1
	S. D.	5.459	5.642	5.163	3.551	3.156	3.072	2.552	2.641	2.699	3.347	4.978	4.886	5.288
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1019.4	1019.1	1016.5	1016.2	1012.8	1012.1	1011.8	1011.8	1012.0	1015.4	1018.6	1020.4	1015.5
	S. D.	5.313	5.390	4.939	3.552	3.109	3.023	2.561	2.651	2.649	3.323	4.900	4.857	5.097
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1018.7	1018.0	1015.2	1014.7	1011.2	1010.5	1010.1	1010.0	1010.4	1014.2	1017.8	1019.7	1014.2
	S. D.	5.312	5.340	4.798	3.565	3.110	3.000	2.535	2.623	2.686	3.366	4.878	4.867	5.320
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
19	MEAN	1019.3	1018.5	1015.5	1014.7	1011.2	1010.3	1009.9	1010.0	1010.7	1014.8	1018.4	1020.4	1014.5
	S. D.	5.426	5.409	4.757	3.524	3.104	2.921	2.497	2.565	2.657	3.388	4.897	4.845	5.503
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	1020.0	1019.2	1016.5	1016.0	1012.6	1011.6	1011.2	1011.2	1011.8	1015.7	1019.2	1021.0	1015.5
	S. D.	5.440	5.586	4.880	3.554	3.102	2.918	2.463	2.566	2.620	3.389	4.961	4.855	5.359
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	1019.8	1019.2	1016.4	1016.1	1012.7	1011.9	1011.5	1011.6	1012.0	1015.7	1019.0	1020.9	1015.5
	S. D.	5.478	5.554	5.054	3.677	3.287	3.180	2.743	2.823	2.881	3.468	4.972	4.913	5.348
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

27110 LEMOORE, CA 73-82

STATION STATION NAME YEARS

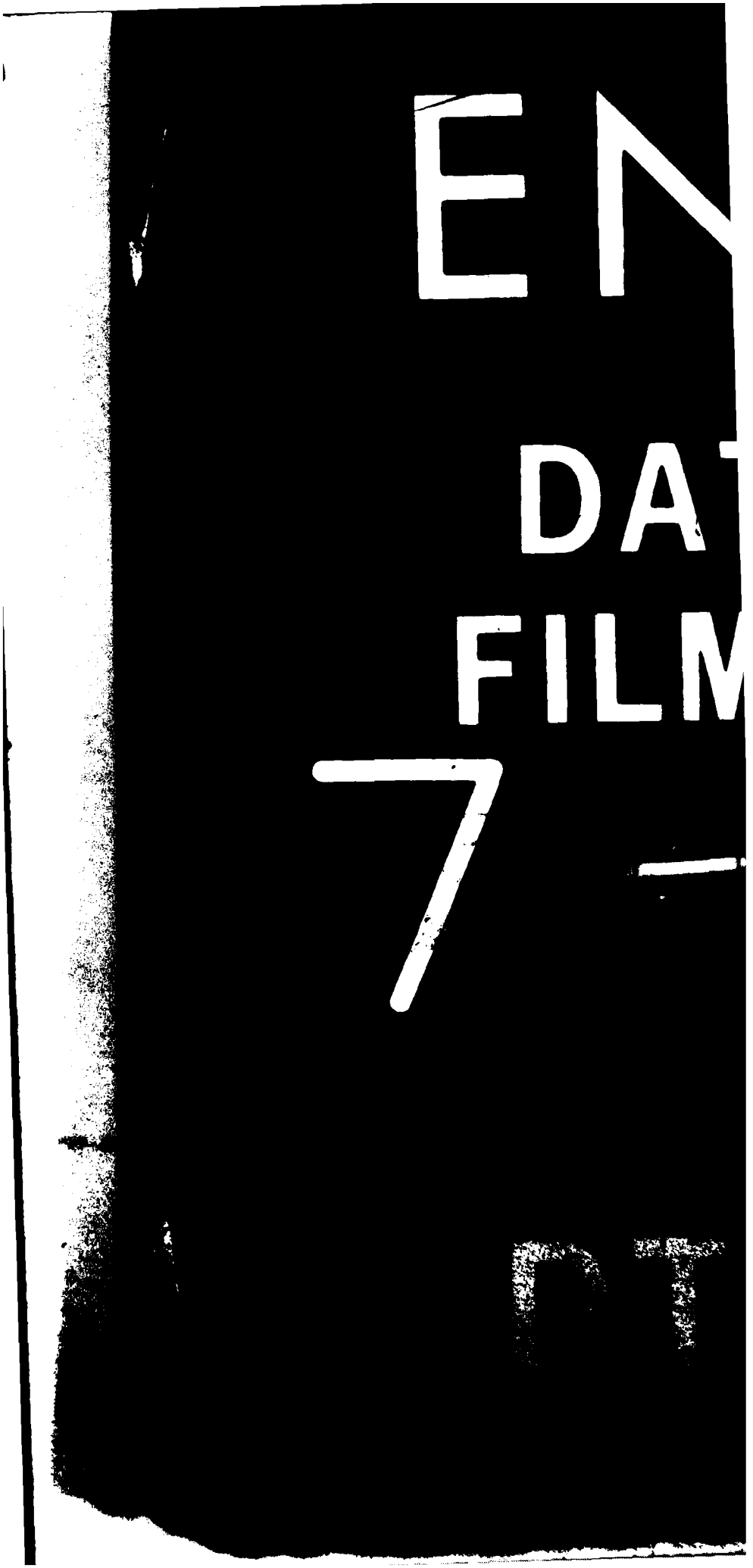
HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.856	29.848	29.764	29.758	29.657	29.630	29.619	29.623	29.636	29.745	29.841	29.891	29.738
	S. D.	.162	.160	.150	.105	.093	.090	.075	.075	.080	.096	.143	.143	.154
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.852	29.837	29.751	29.753	29.662	29.637	29.628	29.629	29.638	29.741	29.835	29.889	29.737
	S. D.	.161	.164	.151	.104	.092	.090	.075	.076	.080	.097	.144	.142	.151
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.866	29.855	29.779	29.785	29.697	29.675	29.666	29.665	29.672	29.770	29.857	29.903	29.765
	S. D.	.160	.167	.154	.104	.092	.091	.076	.078	.081	.098	.147	.143	.147
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.904	29.885	29.803	29.798	29.701	29.679	29.672	29.675	29.688	29.791	29.884	29.936	29.784
	S. D.	.159	.165	.152	.103	.093	.091	.075	.078	.080	.098	.147	.143	.153
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.847	29.841	29.765	29.758	29.659	29.641	29.634	29.633	29.638	29.735	29.827	29.877	29.737
	S. D.	.156	.158	.146	.104	.093	.090	.076	.079	.079	.097	.145	.142	.148
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.828	29.807	29.726	29.712	29.610	29.593	29.583	29.579	29.590	29.699	29.801	29.857	29.698
	S. D.	.156	.156	.142	.104	.092	.089	.076	.078	.080	.099	.144	.143	.155
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
19	MEAN	29.844	29.820	29.739	29.713	29.611	29.588	29.576	29.577	29.597	29.716	29.818	29.874	29.705
	S. D.	.158	.158	.140	.103	.091	.087	.074	.077	.078	.099	.144	.142	.160
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	29.863	29.841	29.766	29.750	29.652	29.626	29.616	29.615	29.632	29.745	29.841	29.893	29.736
	S. D.	.159	.164	.144	.104	.092	.087	.073	.076	.078	.099	.146	.142	.158
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.857	29.842	29.761	29.753	29.656	29.634	29.624	29.625	29.636	29.743	29.838	29.890	29.738
	S. D.	.160	.163	.149	.107	.097	.094	.081	.084	.089	.101	.147	.144	.155
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

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