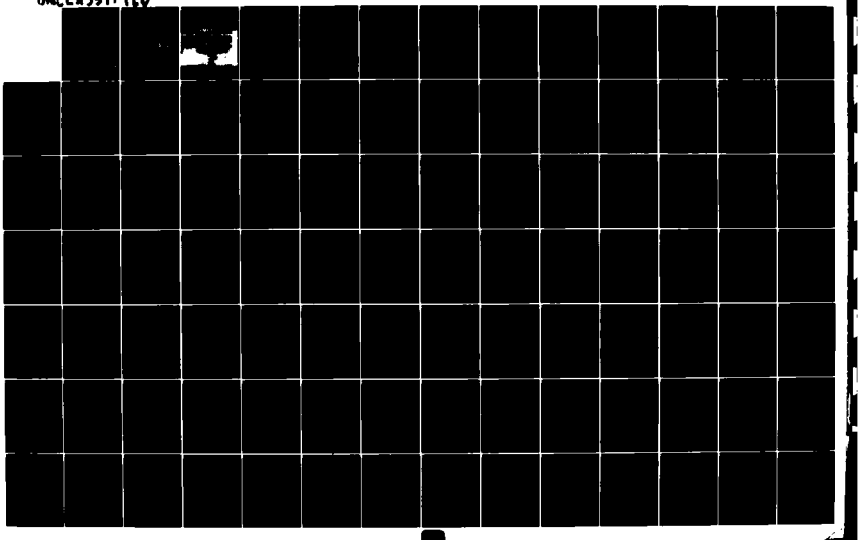
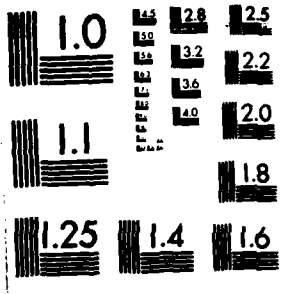
AD A150 449 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
LAKEHURST NEW JERSEY(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURF

STATION: #14780 Lakehurst, NJ

PERIOD: HOURLY 1/73-12/73

DAILY 2/45-12/73

AD-A150 449

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

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

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

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

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

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
14780	Lakehurst, New Jersey	40°02'N	74°21'W	93	KNEL	72409

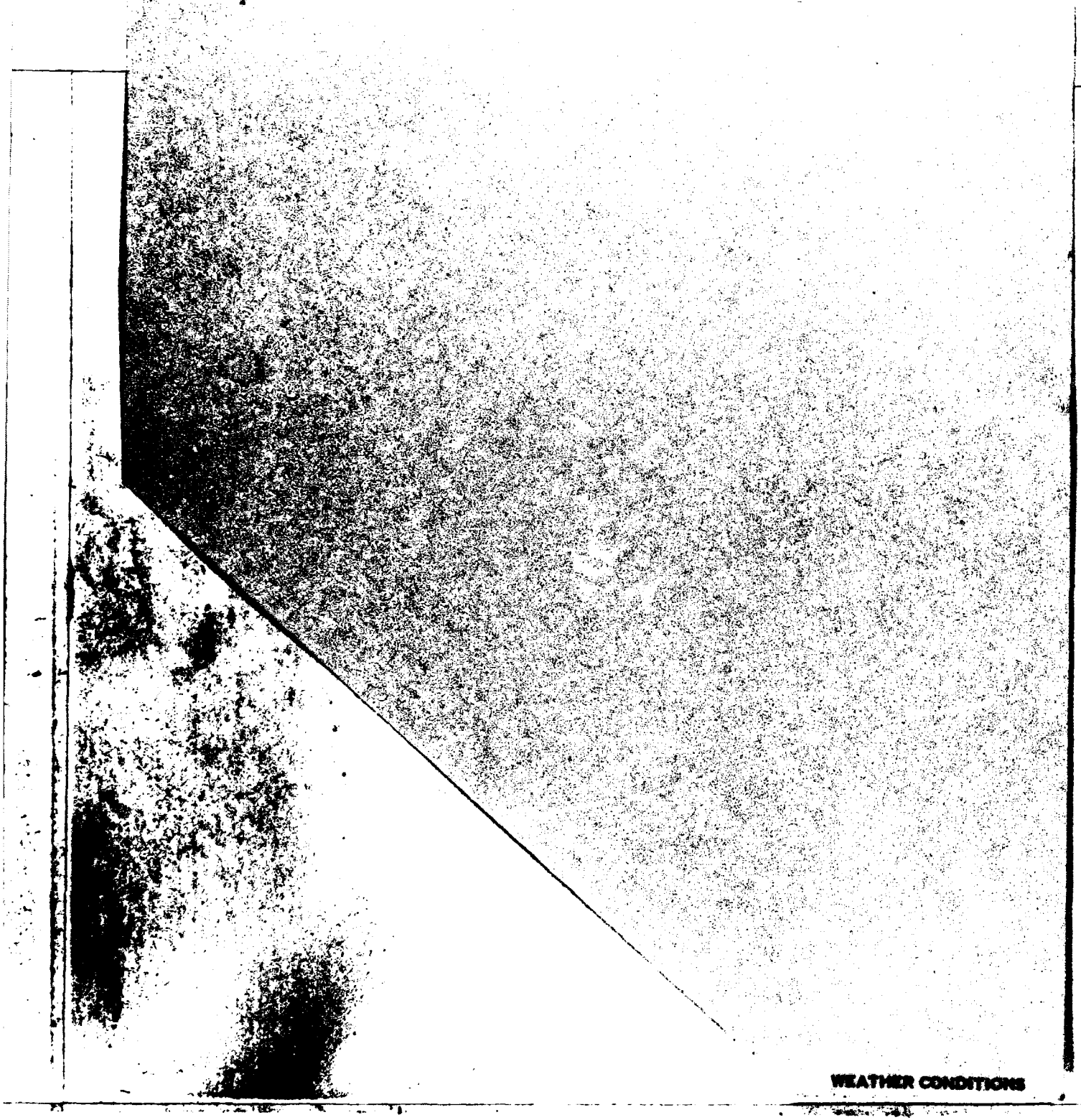
STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FEET	ELEVATION ABOVE MSL TYPE BAROMETER	OBS PER DAY
1.	South side of room 220-General Service Bldg (Weather service off.)	Navy		1959	40°02'N	74°21'W	120.5	Mercurial	24
2.	North side of room 202-HTA hangar (Weather service office)	"	1959	1966	"	"	110	"	24
3.	Weather office, 2nd deck	"	1966	1976	"	"	110	"	24
1a.	Weather Office	"	1966	1971	"	"	110	Aneroid	24
2a.	Building 307, room 201	"	1971	1976	"	"	110	"	24
3a.	" " " "	"	1976		"	"	110	"	18

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
1.		On 50' mast atop General Service Building No. 150	Selsyn	Triple	79'	1. Barograph 2. Semi-auto met. station
1a.		Atop General Service Building No 150	aero-vane		79'	3. Cloud height set (AN/GMQ-13B) 4. Ceiling light (ML-121)
2.	1951	Atop General Service Building	Selsyn	Triple	63'7"	5. Fax Recorder (GMH-6)
2a.	1951	" " " "	aero-vane		63'	6. Cloud height recorder (RD-121) 7. Cloud height indicator (IP 327B)
3a.	1959	Transmitter "B" 900' southeast, Building 307	AN/UMQ-5	RD-108B	28'	

NWSD, Federal Building




WEATHER CONDITIONS

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.

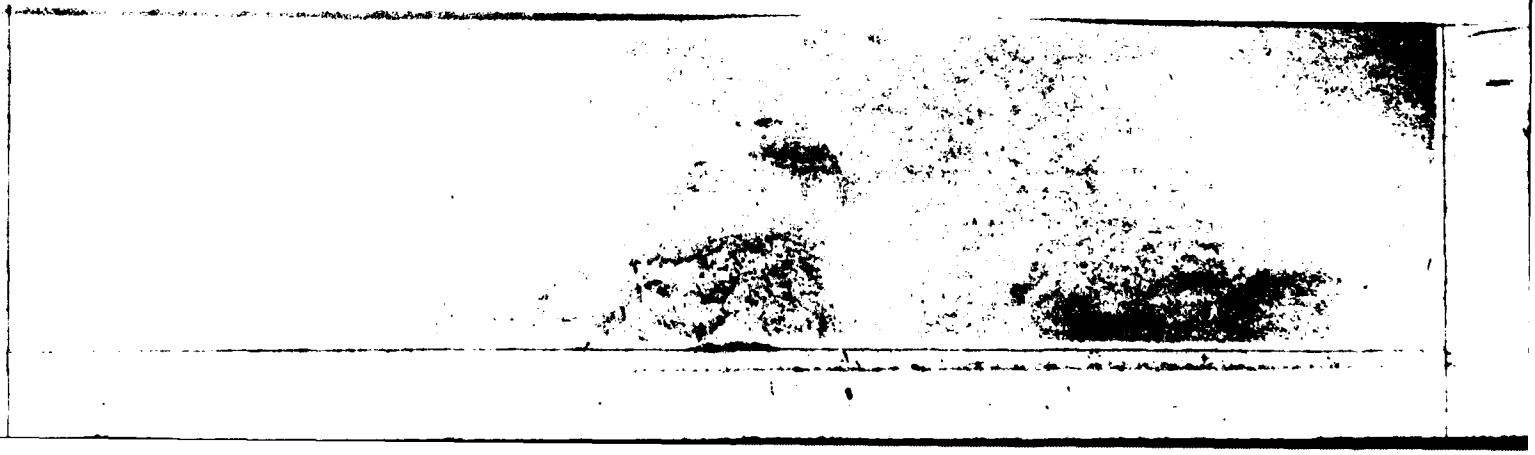
Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

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.)

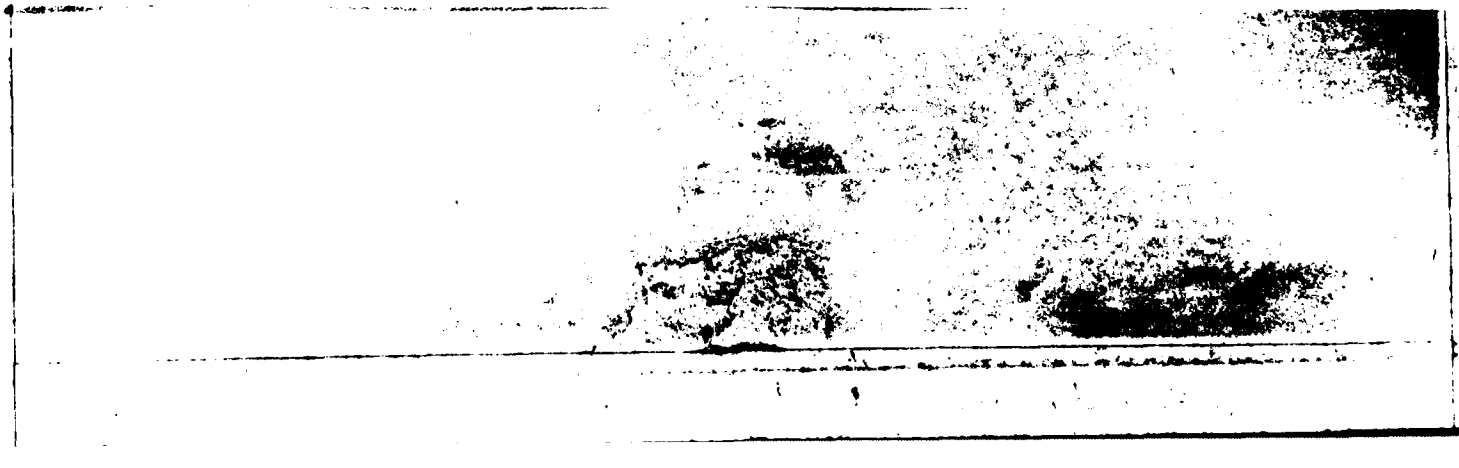
Dust and/or sand - Included are blowing dust, blowing sand, and dust.



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

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

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



PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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



WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAK[illegible]OST, J	45-7[illegible], 81	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.3	37.8	4.3	26.6		[illegible]	43.1	39.7	2.7	.3	[illegible]	[illegible]
FEB		1.1	39.4	2.6	27.6	.1	80.3	41.0	41.1	3.6		[illegible]	[illegible]
MAR		4.1	48.2	1.[illegible]	19.[illegible]	.2	81.9	[illegible]	38.1	1.6		[illegible]	[illegible]
APR		7.1	55.2	.1	4.2	.2	49.9	[illegible]	36.3		.3	60.4	[illegible]
MAY		10.8	59.4		.3	.1	52.3	58.2	46.[illegible]		.1	69.1	[illegible]
JUN		17.6	52.[illegible]			.5	46.6	66.4	60.[illegible]			7[illegible].8	[illegible]
JUL		17.6	49.4			.2	43.6	68.9	70.6			[illegible].9	[illegible]
AUG		14.4	50.1				44.2	76.5	69.6			[illegible].[illegible]	[illegible]
SEP		[illegible].3	44.3			.1	39.1	69.1	59.4			7[illegible].6	[illegible]
OCT		[illegible].3	40.[illegible]		1.0	.2	35.4	62.6	51.1			72.6	[illegible]
NOV		1.6	47.5		5.[illegible]	.1	44.2	58.9	46.9			65.3	[illegible]
DEC		.4	43.[illegible]	2.1	18.3	.1	48.9	46.2	42.4	1.4		63.8	[illegible]
TOTALS		[illegible].0	47.3	.[illegible]	8.6	.1	46.4	56.7	50.1	.8	.1	69.5	[illegible]

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WEATHER CONDITIONS

147 0 (STATION) LAKEHURST, NJ (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		10.8	2.2	1.1		12.9	16.1	1.1			17.2	[illegible]
	04		16.1	1.1	3.2		18.3	24.7				24.7	[illegible]
	07		8.[illegible]	1.0	6.[illegible]		14.8	23.2	7.1	.3		28.3	311
	10		10.3	.3	6.1		16.4	18.0	8.7	1.0		25.7	311
	13		10.0	.3	7.4		16.8	15.5	6.8	1.0		21.6	310
	16		10.3	.3	4.5		14.5	13.2	6.[illegible]	.6		19.7	310
	19		8.7		4.8		13.5	12.6	5.2			17.1	310
	22		7.1	1.3	7.4		14.8	13.5	4.5			17.7	310
TOTALS			10.2	.3	5.2		15.3	17.1	5.[illegible]	.4		21.5	2049

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WEATHER CONDITIONS

[illegible] STATION | LAKEHURST, NJ STATION NAME | 73-82 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01		8.3		3.6		11.9	13.1	3.6			15.5	84
	04		6.0	1.2	3.6		10.7	16.7	1.2			17.9	84
	07		6.4	1.1	5.3		12.4	26.6	7.4	1.4		32.6	282
	10	.4	7.4	.4	6.0		13.5	17.7	7.4	1.4		24.8	282
	13		5.7	.4	5.3		11.3	12.8	4.3	1.1		17.7	282
	16		7.8	.7	4.3		12.4	10.3	5.0	.4		15.2	282
	19	.4	8.5	.7	5.7		14.2	10.3	5.3	.4		15.7	281
	22	.4	10.0	.4	6.0		16.0	14.9	5.7	.7		20.3	281
TOTALS		.2	7.5	.6	5.0		12.2	15.3	5.6	.7		20.0	1956

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3

WEATHER CONDITIONS

LAKEHURST, NJ (STATION NAME) — 73-82 (YEARS) — MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01	1.1	14.8		1.1		15.1	21.5	2.2			21.5	93
	04		16.1		1.1		16.1	22.6	2.2			23.7	93
	07	.3	10.0	.3	1.3		11.6	27.1	9.7			35.5	310
	10		12.3		3.2		15.2	20.0	10.0			24.7	310
	13	.3	13.9		3.2		16.5	14.8	5.5			20.0	310
	16		11.6		4.5		15.2	14.5	5.5			19.0	310
	19	.6	12.6		3.2		15.5	17.1	4.5	.3		20.3	310
	22	1.0	11.3		3.2		14.2	16.5	3.5			19.0	310
TOTALS		.4	12.7	.0	2.6		14.9	19.3	5.4	.0		23.5	2046

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WEATHER CONDITIONS

14734 (STATION) LAKEHURST, NJ (STATION NAME) 77-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01	1.1	10.3		1.1		11.1	10.0				10.0	90
	04		10.0		1.1		11.1	10.0				10.0	90
	07		10.0		.3		10.3	20.3	9.3			27.7	300
	10		11.3		1.0		12.3	10.7	4.7			15.3	300
	13		11.7		1.0		12.3	11.7	3.0			14.3	300
	16	.7	13.0		1.0		13.7	11.0	4.3	.3		15.0	300
	19	.3	10.0		.3		10.3	13.7	7.0			20.0	300
	22	1.0	8.3		.3		8.7	11.7	4.7			15.3	300
TOTALS		.4	10.5		.8		11.2	12.4	4.1	.0		16.0	1980

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3

WEATHER CONDITIONS

147[illegible] LAKEHURST, NJ 73-82 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01	1.1	11.3				11.8	34.4	6.5			37.6	93
	04		11.6				11.3	36.6	4.3			37.6	93
	07	.3	14.8				14.8	40.6	9.4			45.5	310
	10	.3	12.6				12.6	18.1	12.6			29.4	310
	13		10.3				10.3	10.3	13.9			23.2	310
	16	1.6	10.3				10.3	9.4	12.3			21.3	310
	19	2.6	13.9				13.9	16.1	14.5			29.0	310
	22	1.9	12.6				12.6	25.8	9.4			32.6	310
TOTALS		1.0	12.3				12.3	23.9	10.4			32.0	2046

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3

WEATHER CONDITIONS

1077 2056.54321

1077	LAKEHURST, NJ	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01	2.2	7.8				7.8	42.2	11.1			46.7	90
	04		11.1				11.1	61.1	6.7			64.4	90
	07		9.7				9.7	38.3	18.7			52.3	300
	10	.7	9.7				9.7	11.7	22.0			32.3	300
	13	1.7	8.0				8.0	7.0	19.3			26.0	300
	16	3.0	9.3			.3	9.3	9.0	18.3			26.0	300
	19	3.7	7.7				7.7	13.7	14.7			28.0	300
	22	3.7	9.7				9.7	23.0	12.0			34.7	300
TOTALS		1.9	9.1			.0	9.1	25.5	15.4			38.8	1980

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WEATHER CONDITIONS

147[illegible] (STATION) LAKEHURST, NJ (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	3.2	5.4				5.4	32.3	19.4			47.3	93
	04		3.2				3.2	51.6	15.1			55.9	93
	07	1.0	3.9				3.9	47.1	27.4			63.5	310
	10	.3	4.8				4.8	3.4	37.7			43.9	310
	13	1.3	5.5				5.5	6.1	32.6			37.1	310
	16	4.2	7.1				7.1	4.8	32.9			36.8	310
	19	2.3	5.5				5.5	9.4	32.3			40.3	310
	22	3.6	5.8				5.8	21.7	27.2			45.6	309
TOTALS		2.0	5.2				5.2	22.7	28.1			46.3	2045

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WEATHER CONDITIONS

147 ?? (STATION) LAKEHURST, NJ (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	1.1	2.2				2.2	35.5	23.7			46.2	93
	04	1.1	7.5				7.5	48.4	20.4			51.6	93
	07	.6	5.8				5.8	62.9	21.0			70.0	31?
	10	.3	5.8				5.8	12.3	41.3			51.3	310
	13	1.6	4.8				4.8	6.5	37.1			43.2	310
	16	6.1	8.1				8.1	10.6	33.9			43.9	310
	19	3.5	7.4				7.4	16.8	36.1			49.4	310
	22	4.2	6.1				6.1	27.2	27.5			48.9	309
TOTALS		7.3	6.0				6.0	27.5	30.1			50.6	2045

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WEATHER CONDITIONS

14734 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01		8.9				8.9	36.7	13.3			40.0	90
	04	2.2	7.8				7.8	45.6	12.2			46.7	90
	07	.3	8.0				8.0	55.3	13.7			58.7	300
	10		6.7				6.7	15.3	23.3			35.0	300
	13	.3	5.3				5.3	8.7	19.3			26.7	300
	16	1.7	7.3				7.3	7.3	20.7			27.0	300
	19	2.7	11.0				11.0	15.3	19.7			32.0	300
	22	1.0	10.3				10.3	25.7	14.3			36.3	300
TOTALS		1.0	8.2				8.2	26.2	17.1			37.8	1980

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WEATHER CONDITIONS

14[illegible] LAKEHURST, NJ 73-82 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	1.1	5.5				6.5	25.9	5.4			28.0	93
	04		8.6				8.6	31.2	5.4			33.3	93
	07	.3	9.1				9.1	46.3	8.4			51.5	309
	10		9.0		.3		9.0	13.2	14.2			26.5	31[illegible]
	13		9.4		.3		9.7	7.1	9.3			15.2	31[illegible]
	16		8.1		.3		8.4	8.7	6.8			14.3	31[illegible]
	19	.3	9.4				9.4	12.6	6.8			18.1	31[illegible]
	22	.6	8.7				8.7	17.7	3.2			19.7	310
TOTALS		.3	3.6		.1		8.7	20.5	7.4			25.0	2[illegible]45

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WEATHER CONDITIONS

14734 (STATION) LAKEHURST, NJ (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		6.7				6.7	13.3	3.3			16.7	90
	04		7.8				7.8	26.0	3.3			22.2	90
	07		8.3		.3		8.7	38.7	4.7			42.0	300
	10		9.7		.3		10.0	19.7	13.0			30.3	300
	13		9.0		.7		9.3	11.3	7.0			18.0	300
	16		10.3				10.3	9.3	7.0			16.3	300
	19	.7	10.0		.3		10.0	14.7	6.7			21.0	300
	22		13.0		1.0		14.0	16.0	5.0			22.3	300
TOTALS		.1	9.4		.3		9.6	18.1	6.3			23.6	1980

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	73-82	DEC

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		7.0	1.2	3.5		10.5	15.1	1.2			16.3	[illegible]
	04		11.9	1.2	2.4		14.1	16.5	1.2			17.6	[illegible]
	07		9.7	.6	3.2		13.5	24.5	7.1			30.0	[illegible]
	10	.3	12.3	.3	3.2		14.5	19.0	7.1			24.8	[illegible]
	13		11.3	.6	2.6		13.5	12.9	4.8			17.4	[illegible]
	16		10.0	.3	1.3		11.6	13.2	7.1			19.0	[illegible]
	19		11.0	.3	1.9		13.3	13.9	3.2			16.5	[illegible]
	22		12.2	.3	3.3		15.5	16.4	3.0	.3		19.1	[illegible]
TOTALS		.0	10.7	.6	2.7		13.3	16.4	4.3	.0		20.1	[illegible]

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WEATHER CONDITIONS

1-7 (STATION) LAKEHURST, NJ (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		10.2	.3	5.2		15.3	17.1	5.0	.4		21.5	2048
FEB		.2	7.5	.6	5.0		12.5	15.3	5.0	.7		20.0	1953
MAR		.4	12.7	.0	2.6		14.9	19.3	5.4	.0		23.5	2046
APR		.4	10.5		.6		11.2	12.4	4.1	.0		15.0	1980
MAY		1.0	12.3				12.3	23.9	10.4			32.0	2046
JUN		1.9	9.1			.0	9.1	25.8	15.4			36.8	1980
JUL		2.0	5.2				5.2	22.7	28.1			46.3	2045
AUG		2.3	6.0				6.0	27.5	30.1			50.6	2045
SEP		1.0	8.2				8.2	26.2	17.1			37.8	1980
OCT		.3	8.6		.1		8.7	20.5	7.4			25.9	2045
NOV		.1	9.4		.3		9.6	18.1	6.3			23.6	1961
DEC		.0	10.7	.6	2.7		13.3	16.4	4.3	.0		20.1	2024
TOTALS		.8	9.2	.2	1.4	.0	10.5	20.4	11.5	.1		29.7	24077

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147? (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (MONTH) (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	11.?		2.4	1.2	1.2	10.7			22.6	1.2	7.1			67.9
NNE	15.0		3.3	6.7	1.7	18.3			38.3	3.3	11.7			40.0
NE	12.2		4.1	2.0	2.0	20.4			40.8		4.1			49.0
ENE	17.0	1.9	9.4		3.8	28.3			32.1	1.9	9.4	3.8		41.5
E	19.8		6.3	4.8	3.2	6.3			28.6	1.6	12.7			47.6
ESE	24.2	3.0	3.0		3.0	9.1			30.3		3.0			57.6
SE	36.7		3.2			3.2			45.2	3.2	9.7			45.2
SSE	21.1	1.8	1.8			3.5			29.8	3.5	7.0			56.1
S	20.0	6.7	5.0			1.7			28.3	1.7				65.0
SSW	15.4	9.2	3.1		1.5	3.1			18.5		4.6			67.7
SW	5.1					3.8			7.6	6.3	3.8			75.9
WSW	7.1	1.6				2.4			9.4	3.1	3.1			78.0
W	1.4	.8	.8			2.2			8.3	1.7	4.7	1.7		84.4
WNW	1.1		.4		.4	4.6			6.0	1.1	6.8	.4		82.9
NW	2.3		1.8	.9	.5	2.3			6.9	1.8	4.6			85.7
NNW	8.4	.9	3.7	.9		4.7			11.2		5.6			75.7
VARIABLE														
CALM	3.4		.6	.3	.3	5.3			9.0	6.3	7.1			76.4
TOTAL	146	19	37	13	12	112			288	48	121	9		1514
% TOTAL	7.1	.9	1.8	.6	.6	5.5			14.1	2.3	5.9	.4		73.9

TOTAL NUMBER OF OBSERVATIONS 2,048

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14[illegible] (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) FEBRUARY (MONTH) _____ (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible].3		3.5	2.3	1.2	15.1			19.8		3.5	2.3		73.3
NNE	5.1		6.5		1.7	[illegible]8.8			28.8		10.2	5.1		47.5
NE	12.3		8.2	2.7	5.5	20.5		1.4	39.7		5.5	2.7		47.9
ENE	9.3		8.0	5.3	2.7	1.3			32.0	2.7	4.0	1.3		58.7
E	15.6	3.1	14.1	1.6	1.6	9.4			40.6	3.1	6.3			43.8
ESE	13.9	5.6	8.3			11.1			50.0		2.8			41.7
SE	14.6	4.9				2.4			36.6	2.4	14.6			51.2
SSE	14.7	2.9	2.9						20.6	5.9	8.8			61.8
S	13.0	1.3				1.3			11.7		1.3			81.8
SSW	4.4	8.8	1.5			1.5			13.2	1.5	4.4			76.5
SW	7.1	1.6							6.3	1.6	1.6			92.2
WSW									4.7	1.2	3.5			91.8
W	2.6	1.2	.8			1.6			4.9	.8	4.9	.8		87.4
WNW	1.2	.4			.4	4.0			6.3	1.8	8.0	.9		82.6
NW	.9	.4	.9	.4		3.9			6.9	1.3	2.6	.9		87.1
NNW	3.2		.8			4.0		1.6	7.9		5.6	.8		83.3
VARIABLE														
CALM	~~1.3~~	~~.4~~	~~2.2~~	~~.4~~		~~3.0~~			~~10.5~~	~~3.0~~	~~7.9~~			~~75.7~~
TOTAL	92	21	45	11	10	94		3	259	27	102	15		1417
% TOTAL	4.4	1.1	2.4	.6	.5	5.1		.2	13.9	1.5	5.5	.8		76.3

TOTAL NUMBER OF OBSERVATIONS 1,858

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1992 (YEARS) MARCH (MONTH) (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.5	3.5	1.2			9.4			16.5		7.1			75.3
NNE	9.3		9.3		3.7	9.3			35.2		11.1			49.1
NE	19.2		17.8		1.4	9.6			49.3	1.4	4.1			42.5
ENE	27.4	1.2	11.9			7.1		1.2	47.6	1.2	4.3	1.2		41.7
E	14.3	3.1	14.3	1.0	4.1	9.2			35.7	4.1	9.2			43.9
ESE	20.0	4.6	6.2			4.6		1.5	38.5	3.1	12.3			46.2
SE	21.4	1.4	1.4						25.7	2.9	7.1			62.9
SSE	14.9	3.4	1.1						24.1	3.4	9.2			63.2
S	7.3	8.1				.8		2.4	12.1	1.6	4.0			75.8
SSW	8.8	3.8	2.5						15.0		5.0			80.0
SW	3.7	1.2							18.5	1.2	7.4			74.1
WSW	1.3	9.2	1.3					1.3	11.8		7.9			72.4
W	1.3	3.5	.9			1.3		.4	7.4	.4	5.2			83.3
WNW	2.1	2.1				.8			2.9	.4	3.4			89.9
NW	1.5	.9	.4			2.2			2.2	.4	1.8			92.9
NNW	2.9	1.0	3.8			1.9			11.4	1.0	1.9			84.8
VARIABLE														
CALM	2.4		1.1			1.5		.4	16.8	6.8	9.5			64.2
TOTAL	143	51	62	1	7	95		8	346	36	122	1		1420
% TOTAL	7.0	2.5	3.0	.0	.3	2.7		.4	16.9	1.8	6.0	.0		72.8

TOTAL NUMBER OF OBSERVATIONS 2,046

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) APRIL (MONTH) (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	14.1		7.8		1.4	2.8			18.3		1.4			78.9
NNE	7.4	6.3	6.3			3.1			25.0		9.4			62.5
NE	10.6	2.0	16.3					2.0	46.9	4.1	6.1			36.7
ENE	19.4	2.0	8.2						34.7	2.0	6.1			57.1
E	22.4	5.9	4.7			1.2			32.9	2.4	7.1			52.9
ESE	13.2		5.5						32.7		5.5			58.2
SE	8.9	2.5	7.6						21.5	2.5	7.6			69.6
SSE	8.7	5.8	1.4					1.4	15.9	2.9	5.8			75.4
S	9.3	2.6	2.0		.7			.7	15.2	1.3	10.6			72.2
SSW	5.3	7.9	2.6					2.6	9.2		3.9			77.6
SW	1.9	4.6							3.7	3.7	3.7			87.0
WSW	3.6	5.0	.7						5.7		3.6			85.7
W	2.7	1.9				.4			4.3	1.6	5.0			88.4
WNW	1.3	.9				.9			2.2	.4	3.5			91.3
NW	.4	.4				1.8			3.6		.4	.4		95.1
NNW	4.0	1.6				.8			7.3	.8	2.4			89.5
VARIABLE														
CALM	1.1	2.2	.6			.6		1.1	11.8	1.7	9.0			75.4
TOTAL	122	51	37		2	13		7	231	24	98	1		1587
% TOTAL	6.2	2.6	1.9		.1	.7		.4	11.7	1.2	4.9	.1		80.2

TOTAL NUMBER OF OBSERVATIONS 1,980

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

167 [illegible] LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 MAY

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.1	6.2	9.2					3.1	12.3	1.5	6.2			73.8
NNE	3.1	6.8	13.6						29.5	4.5	15.9			45.5
NE	12.7	3.6	16.4						34.5	1.8	5.5			54.5
ENE	13.4	.9	16.1						42.0	1.8	8.9			45.5
E	12.0	7.5	7.5						33.1	2.3	11.3			51.1
ESE	14.3	3.7						3.7	26.9	2.8	14.8			54.6
SE	11.7	4.2						2.5	19.2	4.2	15.8			57.5
SSE	11.3	5.1	.8					2.5	19.5	5.1	10.2			63.6
S	5.4	4.2	1.8					.6	18.7	4.2	6.6			69.9
SSW	6.3	2.4							10.8	1.2	7.2			75.9
SW	1.0	1.0	1.0					1.0	7.3	5.2	11.5			76.0
WSW	.9	2.7						.9	4.5	8.1	20.7			67.6
W	.8	2.0						.4	6.5	3.2	14.5			75.8
WNW	2.6	2.9						1.5	7.4	.7	14.7			76.5
NW	3.8	2.3	1.5					.8	3.8	6.0	8.3			80.5
NNW	6.7	2.2	1.1					1.1	10.0	3.3	2.2			82.2
VARIABLE														
CALM	4.3	1.8	.9					.9	24.1	9.2	11.4			56.6
TOTAL	171	66	59					22	353	86	232			1349
% TOTAL	8.4	3.2	2.9					1.1	17.3	4.2	11.3			65.9

TOTAL NUMBER OF OBSERVATIONS 2,046

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147 [illegible]	LAKEHURST, NJ	JANUARY 1973-DECEMBER 1982	JUNE	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.6	4.9	4.9					6.6	19.7	8.2	8.2			63.9
NNE	4.4		8.9					2.2	26.7	4.4	11.1			57.8
NE	10.2	10.2	6.1					2.0	30.6	8.2	12.2			40.8
ENE	13.4	3.7	3.7						34.1	1.2	6.1			56.1
E	12.7	3.6	5.5				.9	1.8	31.8	1.8	8.2			57.3
ESE	4.5	4.5						1.1	19.1	3.4	12.4			61.8
SE	3.9	2.9	1.0					2.9	21.4	4.9	7.8			64.1
SSE	2.4	3.1						.8	11.8	3.1	13.4			70.9
S	2.2	6.0	2.7					2.7	15.2	3.8	19.0			59.8
SSW	2.5	6.7	1.7					3.4	5.9	4.2	24.4			63.0
SW	1.7	5.9						2.5	6.7	4.2	32.8			55.5
WSW	.3	4.5						2.3	14.3	2.3	34.6			48.9
W	.5	3.7						2.8	9.3	5.6	29.4			55.6
WNW	2.1	2.8						2.1	4.9	3.5	9.0			82.6
NW	2.5							2.0	5.0	6.0	8.0			79.0
NNW		5.5	1.4						5.5	4.1	12.3			75.3
VARIABLE														
CALM	2.5	3.5	.9					.4	24.1	8.8	10.1			53.9
TOTAL	67	82	30				1	40	309	92	331			1225
% TOTAL	3.5	4.1	1.5				.1	2.0	15.6	4.6	16.7			61.9

TOTAL NUMBER OF OBSERVATIONS 1,980

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14[illegible] LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 JULY

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.5	4.5	1.1					4.5	15.7	5.6	23.6			57.3
NNE	4.9		2.4						19.5		17.1			63.4
NE	26.3								26.3	5.3	15.8			47.4
ENE	2.5	5.0	5.0					2.5	22.5	2.5	20.0			50.0
E	5.9	7.4						2.9	29.4		17.6			54.4
ESE	6.3		1.6						17.5		22.2			63.5
SE	1.1	4.4	2.2					2.2	21.1	1.1	26.7			55.6
SSE	3.4	2.6						1.7	10.3	3.4	34.2			53.9
S	1.1	4.8						2.1	11.8	4.8	28.3			54.5
SSW	2.1	4.8						3.4	11.7	2.8	32.4			53.1
SW	1.4	3.6						4.3	12.3	2.9	42.0			44.9
WSW	1.1	2.1						2.1	13.4	5.3	45.5			41.7
W	.8	1.7						1.2	8.3	5.0	37.3			50.2
WNW	.7	.7							5.7	1.4	35.5			58.2
NW		2.6						2.6	7.9	1.8	18.4			70.2
NNW		3.7						1.9	5.6	5.6	15.9			73.8
VARIABLE														
CALM	2.7	1.2						1.6	20.9	16.7	26.4			42.5
TOTAL	44	58	7					42	276	104	618			1087
% TOTAL	2.2	2.8	.3					2.1	13.5	5.1	30.2			53.2

TOTAL NUMBER OF OBSERVATIONS 2,045

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147[illegible] LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 AUGUST
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	4.1	5.4	1.4					2.7	12.2	2.7	24.3			5[illegible].1
NNE	12.7	3.6						1.[illegible]	20.0		10.9			61.[illegible]
NE	7.1	11.9						7.1	31.0	4.8	23.8			45.2
ENE	9.2	6.9						3.4	33.3	5.7	17.2			48.3
E	5.6	6.7	2.2					2.2	25.6	6.7	17.8			53.3
ESE	1.7	5.0						1.7	21.7	3.3	30.0			50.0
SE	3.4	3.4						1.1	14.8	4.5	29.5			50.0
SSE	1.3	10.1						3.8	15.2	6.3	36.7			45.6
S	3.[illegible]	6.4						4.0	17.9	6.4	32.9			44.5
SSW	1.[illegible]	7.9						6.3	18.9	8.7	44.1			32.3
SW		3.9						3.1	14.0	7.0	48.1			34.9
WSW		2.2						2.2	13.2	13.2	49.3			32.4
W	.[illegible]	1.4						1.4	11.6	5.1	47.4			39.1
WNW		1.5						1.5	11.2	6.7	33.6			53.0
NW								.9	9.6	4.4	28.9			63.2
NNW	2.4							1.2	6.1	2.4	15.9			76.8
VARIABLE														
CALM	[illegible]	1.7						1.4	10.5	17.4	10.9			50.1
TOTAL	46	77	3					50	336	164	644			972
% TOTAL	2.3	3.8	.1					2.4	16.5	8.0	31.5			47.6

TOTAL NUMBER OF OBSERVATIONS 2,042

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

147[illegible] LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 SEPTEMBER
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible].8		2.5					1.[illegible]	21.3	2.5	16.3			65.0
NNE	7.4	1.5	8.8					1.5	32.4	2.9	10.3			58.8
NE	23.1	2.8	8.3					.9	33.3	2.8	10.2			52.8
ENE	12.2		8.9						31.1	1.1	21.1			46.7
E	12.[illegible]		2.0					2.0	21.0	2.0	13.0			64.0
ESE	9.4		3.1					1.6	15.6	1.6	10.9			70.3
SE	7.7	2.3						1.2	18.6	3.5	22.1			58.1
SSE	5.1	6.1						2.0	12.1	8.1	24.2			56.6
S	.7	3.7						.7	11.9	5.9	22.2			63.7
SSW	2.4	3.7						1.2	19.5	12.2	19.5			51.2
SW	2.3	3.4						1.1	8.0	4.6	20.7			67.8
WSW	1.0	1.0							12.7	9.8	26.5			55.9
W	2.2	1.1	.6					1.1	12.3	8.9	24.6			56.4
WNW	1.3	2.6						1.3	4.5	5.2	20.1			72.1
NW	.8	1.7	2.5					.8	7.6	.9	9.2			81.5
NNW	2.4	2.4						1.2	8.2	3.5	9.4			78.8
VARIABLE														
CALM	.6	1.5	.3					.6	17.0	17.0	17.0			58.2
TOTAL	90	39	34					20	317	140	356			1225
% TOTAL	4.5	2.0	1.7					1.0	16.0	7.1	18.0			61.9

TOTAL NUMBER OF OBSERVATIONS 1,980

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) _____ (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	7.3	2.1	1.0			1.0		1.0	16.7	1.0	9.4			70.8
NNE	17.9	6.0	3.0			1.5			29.9	7.5	11.9			47.8
NE	9.7	1.4	11.1						20.8		5.6			69.4
ENE	12.7	1.3	11.4						21.5	5.1	6.3			65.8
E	12.4	3.8	8.6						26.6	3.8	5.7			59.0
ESE	10.3	1.7						1.7	13.8	6.9	3.4			75.9
SE	5.8	3.8	1.9						23.1	3.8	11.5			61.5
SSE	14.5	6.6							25.0	1.3	7.9			63.2
S	9.3	5.7							14.3	3.8	15.2			61.9
SSW	2.4	8.5						1.2	14.6	3.7	12.2			68.3
SW	2.1								8.2	4.1	12.4			77.3
WSW	4.8	.8							10.8	3.8	14.6			70.8
W	1.3	1.8							6.1	4.3	7.6			81.9
WNW	2.7	1.6						.5	2.7		4.9			89.7
NW	.7	.7							5.5	3.4	4.1			86.2
NNW	4.0	3.0				1.0		1.0	8.9	1.0	2.0			85.1
VARIABLE														
CALM	.0	.6	.3						11.0	14.6	6.0			64.5
TOTAL	176	48	31			3		5	279	102	160			1485
% TOTAL	5.3	2.3	1.5			.1		.2	13.6	5.0	7.8			72.6

TOTAL NUMBER OF OBSERVATIONS 2,045

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

14734 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (MONTH) (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.4	1.4	1.4						20.3		4.1			74.3
NNE	17.2		3.4						31.0	1.7	1.7			65.5
NE	16.7		9.3			1.9			35.2		13.0			48.1
ENE	14.3	2.9	17.1						42.9		8.6			48.6
E	21.1		9.9		1.4	1.4			38.0	4.2	11.3			43.7
ESE	12.2		7.3						26.8		22.0			51.2
SE	13.4		10.2						38.8	6.1	10.2			42.9
SSE	14.6	2.4	4.9						31.7	2.4	7.3			58.5
S	8.8	4.8	2.4						22.4	1.6	4.8			68.0
SSW	6.4	4.3	1.1			1.1		1.1	9.6	5.3	6.4			70.2
SW	2.0	3.0							9.0	2.0	7.0			83.0
WSW	.7	1.4	.7						6.5	1.4	3.6			87.0
W	.9	2.8						.3	5.0	.6	7.9			83.6
WNW		.9				.5			7.1	1.4	4.7			86.7
NW	2.8		.6		.6	1.7			5.7		4.0			89.8
NNW	8.6	1.2	3.7						17.3		2.5			77.8
VARIABLE														
CALM	4.3		1.8						21.4	6.8	8.9			62.9
TOTAL	115	31	51		2	7		2	322	43	135			1449
% TOTAL	5.8	1.6	2.6		.1	.4		.1	16.3	2.2	6.8			73.2

TOTAL NUMBER OF OBSERVATIONS 1,980

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147[illegible] (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH) _____ (HOURS (L.S.T.))

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	15.6			1.3		14.5			27.6	1.3	5.3			56.6
NNE	21.5	1.5	4.6	6.2	3.1	7.7			36.9	1.5	4.6			49.2
NE	23.6	1.4	5.6	5.6	2.8	6.9			37.5		5.6			43.1
ENE	27.5	2.5	12.5			5.0			35.0		7.5			45.0
E	34.6		5.8						34.6		13.5			51.9
ESE	19.4		6.5						19.4	3.2				71.0
SE	12.5	2.5	5.0						27.5		10.0			62.5
SSE	25.0	6.8	4.5						27.3	11.4	6.8			52.3
S	16.2	4.5	.9		.9	.9			19.8	1.8	2.7			66.7
SSW	12.7	2.5	3.8					1.3	20.3	1.3	6.3			69.4
SW	4.2		1.0						7.3	4.2	6.3			83.3
WSW	7.9	1.0	2.9						14.7	2.0	6.9			78.4
W	2.5	.7	1.1		.4	1.1			8.2	2.8	4.3			83.6
WNW	1.2	1.2	.8		.4	3.1			6.2		3.1	.4		87.5
NW	2.1	1.3	.4						2.9	.4	1.7			93.3
NNW	4.3		2.2	1.1	1.1	5.4			12.0					87.0
VARIABLE														
CALM	3.5	.9	1.2			2.3			14.7	2.6	8.1			52.8
TOTAL	161	26	41	10	8	47		1	301	35	101	1		1525
% TOTAL	9.3	1.3	2.0	.5	.4	2.3		.0	14.9	1.7	5.0	.0		75.3

TOTAL NUMBER OF OBSERVATIONS 2,024

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

147- LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 ALL

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.5	2.2	2.4	.4	.3	4.7		1.5	18.6	1.9	9.9	.2		67.9
NNE	11.7	2.0	5.9	1.2	.9	6.2		.5	30.1	2.3	13.2	.5		53.4
NE	17.1	2.5	9.4	1.0	1.1	5.3		1.0	35.9	2.0	8.4	.3		49.0
ENE	14.5	2.2	9.5	.5	.5	2.8		.6	34.8	2.2	10.0	.5		50.4
E	14.6	3.8	6.7	.5	.8	2.0	.1	.8	31.3	2.8	10.9			52.6
ESE	11.9	2.6	2.7		.1	1.4		1.3	25.0	2.3	12.8			58.6
SE	10.0	2.9	2.2			.2		1.2	23.4	3.4	15.4			57.8
SSE	9.5	4.7	.9			.2		1.3	18.4	4.5	16.1			60.7
S	6.6	4.9	1.1		.1	.3		1.4	16.1	3.4	14.6			63.9
SSW	5.2	5.8	1.2		.1	.4		2.1	13.6	3.7	17.1			63.8
SW	2.2	2.6	.2			.3		1.3	9.2	4.0	19.0			68.3
WSW	2.0	2.5	.4			.2		.8	10.3	4.4	20.2			65.6
W	1.5	1.9	.4		.0	.6		.6	7.5	3.1	14.6	.3		74.4
WNW	1.4	1.3	.1		.1	1.5		.4	5.4	1.6	10.2	.2		81.5
NW	1.5	.8	.7	.1	.1	1.3		.4	5.3	1.8	6.0	.1		85.9
NNW	3.9	1.7	1.4	.2	.1	1.6		.7	9.2	1.7	6.1	.1		81.2
VARIABLE														
CALM	2.6	1.1	.8	.1	.0	1.1		.5	17.0	9.5	11.9			61.3
TOTAL	1262	569	437	35	41	331	1	200	3617	901	3020	27		16325
% TOTAL	5.2	2.4	1.8	.1	.2	1.4	.0	.8	15.0	3.7	12.5	.1		67.8

TOTAL NUMBER OF OBSERVATIONS 24,074

NAVWEASERVCOM

PRECIPITATION

NOCD. Federal Building
sheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

. 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.

. 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)

1[illegible]7 — STATION
LAKEHURST, NJ — STATION NAME
4[illegible]-8[illegible] — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]0.[illegible]	14.5	2.3	9.2	3.9	7.9	6.2	4.5	2.1	.1				35.2	1023	3.33	9.19	.46
FEB	[illegible]0.[illegible]	16.9	3.4	6.0	3.9	7.4	5.1	5.4	2.4					33.6	960	3.12	7.[illegible]5	1.13
MAR	[illegible].4	16.7	2.9	6.1	4.5	5.8	7.2	5.[illegible]	2.[illegible]					34.9	1054	3.76	7.28	.53
APR	[illegible]0.[illegible]	14.3	2.1	7.7	4.3	7.[illegible]	6.9	5.4	1.9	.1				36.[illegible]	1080	3.30	6.63	.97
MAY	[illegible].4	17.6	3.7	7.4	5.6	6.2	5.3	4.7	1.7	.2				35.[illegible]	992	3.25	7.47	.[illegible]3
JUN	[illegible]3.7	13.[illegible]	3.[illegible]	6.2	4.2	7.3	5.1	4.7	2.6	.2				33.3	990	3.38	7.24	.[illegible]1
JUL	[illegible]7.[illegible]	14.9	1.8	5.3	3.[illegible]	4.5	5.6	4.3	2.[illegible]	.8				27.8	1054	3.96	9.98	1.[illegible]
AUG	5[illegible].[illegible]	14.2	3.1	4.7	3.4	6.5	4.3	4.5	3.1	1.[illegible]				29.6	1116	4.45	10.56	.[illegible]1
SEP	[illegible]1.[illegible]	13.2	2.5	5.1	3.5	5.3	3.4	4.0	2.4	.6				26.[illegible]	1[illegible]80	3.41	10.13	.[illegible]1
OCT	[illegible]8.[illegible]	11.5	3.6	4.6	1.9	5.7	2.[illegible]	3.4	3.[illegible]	.5				24.1	1023	3.22	7.17	.[illegible]2
NOV	5[illegible].[illegible]	12.1	2.4	7.0	3.6	5.4	4.4	5.8	3.[illegible]	.1				31.[illegible]	1080	3.62	9.03	.[illegible]7
DEC	[illegible]7.[illegible]	17.3	3.7	5.2	3.7	6.0	6.[illegible]	5.8	3.1	.2				32.[illegible]	1023	3.91	8.74	.51
ANNUAL	5[illegible].[illegible]	14.4	2.6	6.1	3.8	6.2	5.2	4.9	2.[illegible]	.3				31.7	12445	2.71		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	LAWRENCE, NJ	45-77, 79-82

	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	74.7	12.[illegible]	5.2	3.2	1.8	1.2	.6	.4	.4					17.7	930	[illegible].2	21.[illegible]	.1
FEB	77.2	14.[illegible]	3.2	3.7	1.7	1.0	.4	.9	.[illegible]	.1				11.7	818	6.3	27.3	TRACE
MAR	[illegible]	11.9	1.[illegible]	2.3	1.[illegible]	.5	.1	.3	.[illegible]	.2	.1			7.5	941	[illegible].6	34.5	.
APR	[illegible]	[illegible].2	.3	.3	.2	.2								1.[illegible]	1020	.4	3.5	.
MAY	99.9	.1													[illegible]	TRACE	TRACE	.
JUN	99.9	.1													960	TRACE	TRACE	.
JUL	[illegible].3														1023	.[illegible]	.[illegible]	.
AUG	[illegible].3														1023	.[illegible]	.	.
SEP	[illegible].3														[illegible]	.[illegible]	.[illegible]	.[illegible]
OCT	[illegible]	.	.1											.1	930	TRACE	.[illegible]	.
NOV	[illegible]	[illegible].3	.[illegible]	.2				.[illegible]	.1					.[illegible]	960	.6	7.[illegible]	.[illegible]
DEC	.	11.1	2.[illegible]	2.4	1.1	.4	.[illegible]	.3	.5					6.[illegible]	930	3.5	18.7	.
ANNUAL	[illegible].7	4.3	1.1	1.0	.5	.3	.1	.2	.[illegible]	.[illegible]	.[illegible]			[illegible].4	11445	27.6		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible] D.P.T.

(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] HURST, J STATION NAME | 4[illegible] 49-42 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]	1.[illegible]	[illegible].1	4.1	3.[illegible]	5.1	3.[illegible]	.3						23.4	792			
FEB	.[illegible]	1[illegible].4	4.7	3.7	[illegible].2	4.3	[illegible].[illegible]	1.7						20.1	875			
MAR	[illegible].[illegible]	[illegible].1	3.1	2.3	.7	[illegible].3	1.1	.9						10.1	961			
APR	[illegible].[illegible]	.[illegible]	.2	.1	.[illegible]									.5	960			
MAY	[illegible].[illegible]														961			
JUN	[illegible].[illegible]														930			
JUL	[illegible].[illegible]														992			
AUG	[illegible].[illegible]														992			
SEP	[illegible].[illegible]														990			
OCT	[illegible].[illegible]	.[illegible]													930			
NOV	[illegible].[illegible]	1.1	.1											.1	960			
DEC	7.[illegible]	1.3	4.5	1.8	1.[illegible]	1.2	.7							[illegible].6	961			
ANNUAL	[illegible].[illegible]	3.[illegible]	1.6	1.[illegible]	.7	1.1	.7	.2						[illegible].3	11504			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

1?7	LAKEHURST, NJ	45-??
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
?5				.64	.89	.91	1.06	.81	1.10	.53	2.15		
4?		.??	.61	.3?				3.21			.26	1.?3	
47	.8?	.60	1.00	.67		.?6		1.61	.54	.94			
??		.?0		1.45	1.00		1.40	1.?8	.99	.52	.49	.99	
??	1.??	.93	1.?5	.51		.?1	.59	2.46	.83		.83		
??	.24	.50	.81	.79		.95	1.15	1.62	2.84	1.82	1.6?	.6?	
?1	.6?	1.??	2.24	.69	.84	.67	.?3	.79	.71	2.85	1.49	1.??	?.??
2	1.?1	1.13	1.72	2.5?	1.60	.60	.63	3.76	.99	.92	.92	1.84	3.76
??	1.?4	1.67	1.94	.96	.76	2.23	4.22	2.19	.40	1.16	1.60	1.?6	4.??
?4	.60	.?5	.77	1.86	1.72	.17	.6?	2.29	4.6?	.51	1.3?	1.53	4.??
5	.1?	1.04	1.01	.76	.87	1.12	.66	3.81	1.3?	2.79	.59	.3?	3.81
?5	.51	1.47	1.?5	1.42	.53	.99	3.05	.?8	1.72	1.6?	1.?5	1.??	3.?5
??	.3?	1.?3	.96	1.34	.24	3.03	1.40	.?8	.70	.95	.93	3.00	3.?3
??	.03	1.51	1.52	1.19	1.7?	1.?1	1.42	3.31	3.14	2.36	.75	.7?	4.?3
??	.47	.??	1.45	.58	1.83		2.41	1.13	.3?	2.13	2.19	2.??	
??	1.4?	1.?2	1.33	.82	.80	1.65	1.43	1.07	4.68	.81	.80	.7?	4.68
1	1.47	.76	1.89	1.98	1.51	1.?7	.?8	1.67	1.8?	1.36	1.40	1.??	?.?8
?2	1.64	.62	2.03	.89	1.00	1.37	1.82	2.?9	2.25	1.52	1.2?	.71	?.??
??	.50	.??	1.09	.73	.54	.95	1.0?	.82	1.27	.2?	2.??	.7?	?.??
?4	.9?	.96	.63	.98	.25	1.54	3.97	.36	1.51	1.57	.81	1.55	3.97
?5	1.???		1.51	.33	.49	.86	1.63	.63	.55	.72	.44	.76	
?6	1.61	2.43	.30	.85	.92	1.83	1.22	.51	3.62	2.96	.75	.91	3.6?
6?	.94	.80	1.64	1.15	1.34	1.35	1.60	2.67	.82	.76	.7?	1.39	2.67
6?	?.33	.7?	1.16	1.24	4.63	5.00	1.3?	2.61	.7?	1.27	2.16	1.10	5.??
6?	.6?	1.2?	1.1?	.96	1.03	1.12	2.87	.44	2.25	.66	.76	2.3?	?.87
??	.43	1.03	.98	2.05	.54	1.2?	.44	1.85	1.07	.35	.80	1.37	2.?5
71	.5?	1.58	.6?	1.32	?.27	.31	.52	3.67	1.66	1.83	1.69	1.19	3.67
72	.55	1.5?	.93	1.?5	.95	1.14	.85	1.09	.25	2.72	2.16	.93	2.72
73	1.43	1.7?	1.7?	1.?4	.76	1.79	.94	.79	1.26	4.?9	.29	1.73	4.39
74	.62	.81	1.21	1.12	.43	1.?6	.85	1.23	1.3?	1.39	1.39	2.8?	?.?8
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

147	EATONTOWN, NJ	46-82
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
[illegible]	1.[illegible]1	.[illegible]	.74	1.09	1.29	1.[illegible]7	1.25	.79	2.09	1.25	1.23	1.2[illegible]	2.[illegible]
76	1.23	.[illegible]8	.60	.61	.98	1.12	.41	3.21	.36	2.00	.31	1.31	3.21
77	1.82	1.06	1.66	.49	.32	1.16	4.09	2.91	2.04	1.10	4.13	1.22	4.13
78	1.37	1.31	.9[illegible]	1.05	3.39	.53	3.49	3.00	.99				
79									1.04		1.62	.5[illegible]	
1	.33	1.04	.36	.85	1.57	2.45	1.17	1.13	1.89	.64	.38	1.27	2.45
2	1.66	.83	.67	1.00	.93	1.34	3.12	.80	.78	1.40	1.40	1.04	3.12
MEAN	1.03	1.00	1.15	1.04	1.19	1.38	1.60	1.79	1.52	1.46	1.22	1.29	2.32
S.D.	.724	.447	.492	.483	.905	.905	1.111	1.067	1.129	.924	.772	.616	.[illegible]0
TOTAL OBS.	1023	960	1054	1080	992	990	1054	1116	1080	1023	1050	1023	12445

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

1-7 STATION | LAKEHURST, NJ STATION NAME | 45-80 YEARS

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4[illegible]		.54 22	.99 30									1.11 30	PRECIP DAYS
4[illegible]	.34 30				1.15 30	.99 26	.95 30		1.09 28	.49 30			PRECIP DAYS
[illegible]7					1.31 28		.84 30				2.26 27	1.71 30	PRECIP DAYS
[illegible]	1.7[illegible] 30		.5[illegible] 30			.65 29							PRECIP DAYS
[illegible]9					.8[illegible] 30							.34 30	PRECIP DAYS
[illegible]					.64 30								PRECIP DAYS
[illegible]7						.97 29							PRECIP DAYS
5		1.[illegible]1 27											PRECIP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

ONE FALL
(FROM DAILY OBSERVATIONS)

147 STATION | LAKEHURST, NJ STATION NAME | 45-77, 79-82 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4				.0	.0	.0	.0	.0	.0				
4			.1	.0			.0	.0			.1	.5	
47	.5		.0	.3						.0			
4				.0	.1		.0	.0		.0	.0		
4	3.8	2.6	1.5	.0		.0	.0	.0	.0		.2		
5	.5	.7	1.5	.0	.0	.0	.0	.0	.0	.0	.5	.1	1.5
51	4.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	4.8
52	3.0	.2	7.0	.3	.0	.0	.0	.0	.0	.0	1.0	1.0	7.0
53	2.3	.0	5.0	.0	.0	.0	.0	.0	.0	.0	4.9	.1	5.
54	8.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	8.0
55	1.1	4.7	2.8	.3	.0	.0	.0	.0	.0	.0	5.1	1.0	5.1
56	2.5	3.0	3.5	2.9	.0	.0	.0	.0	.0	.0	.0	1.5	3.5
57	2.0	2.1	2.3	.0	.0	.0	.0	.0	.0	.1	.2	5.4	5.4
58	5.3	12.9	10.0	.3	.0	.0	.0	.0	.0	.0	.0	2.0	10.0
59	2.7	.0	1.3	1.6	.3	.0	.0	.0	.0	.0	.2	3.5	3.
60	2.5	3.0	12.4	.3	.0	.0	.0	.0	.0	.0	.0	7.5	12.4
61	9.1	4.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	5.4	9.1
62	.4	2.7	8.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.0
63	2.1	1.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	7.2	7.2
64	9.6	4.5	2.2	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.6
65	9.9	2.0	2.5	3.1	.0	.0	.0	.0	.0	.0	.0	.1	9.9
66	4.7	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.1
67	1.0	3.0	2.2	.0	.0	.0	.0	.0	.0	.0	1.0	2.6	3.0
68	2.0	2.0	2.7	.3	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
69	1.4	7.2	11.0	.0	.0	.0	.0	.0	.0	.1	.0	1.4	11.0
70	4.3	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.3
71	4.4	.6	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	.3	4.4
72	3.1	3.4	.0	.4	.1	.0	.0	.0	.0	.0	.0	.1	3.4
73	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5
74	3.3	2.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.1	3.3
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

147 — STATION
LAKEHURST, NJ — STATION NAME
45-77, 79-82 — YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	2.3	3.0	1.9	.3	.0	.3	.0	.0	.3	.3	.0	1.1	3.3
76						.0							
77				.3		.0	.0	.0	.3				
78													
79									.3		.3	.0	
80	3.3	.3	3.6	.3	.1	.3	.0	.0	.0	.0	.0	2.1	3.6
81	4.3	1.0	.8	2.3	.1	.0	.0	.0	.0	.3	.0	6.5	6.5
MEAN	3.50	3.15	3.15	.33	.00	.00	.00	.00	.00	.00	.59	2.25	6.58
S.D.	2.65	3.257	4.338	.810	.000	.000	.000	.000	.000	.018	1.587	2.241	3.668
TOTAL OBS.	93	918	961	1020	930	960	1023	1023	960	930	760	930	11445

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

147	LAKEHURST, NJ	45-77, 79-82
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
45		4.2 19	.1 25							.0 1	.6 27	7.5 30	SNOFALL DAYS
46	1.7 22	.7 13			.2 22	.0 13			.0 28	.5 30			SNOFALL DAYS
47		2.2 14			.0 12	.0 28	.0 30	.0 30	.0 9		.5 1	17.0 5	SNOFALL DAYS
48	2.0 25	3.7 28	1.2 30			.0 29			.7 29			7.8 30	SNOFALL DAYS
49					.1 20							.0 30	SNOFALL DAYS
76	0	0	.1 26	0	0		0	0	0	0	.0 2	0	SNOFALL DAYS
77	0	0	0		0					0	0	0	SNOFALL DAYS
78	0	0	0	0	0	0	0	0	0				SNOFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

147 — STATION
LAKEHURST, NJ — STATION NAME
45-87 — YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45								0					
46													
47													
48													
[illegible]	[illegible]	[illegible]	20	[illegible]	[illegible]	0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
51	[illegible]	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	13
52	5	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	7
53	1	0	3	0	0	0	0	0	0	0	0	0	3
54	0	0	1	0	0	3	0	0	1	0	0	0	3
55	1	4	1	[illegible]	[illegible]	0	0	0	0	0	1	[illegible]	4
56	[illegible]	[illegible]	12	3	[illegible]	0	0	3	[illegible]	[illegible]	0	1	12
57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0	0	0	0	0	0	[illegible]	[illegible]
58	[illegible]	20	12	0	0	0	0	0	0	0	0	[illegible]	20
59	4	0	1	0	0	0	0	0	0	0	0	[illegible]	4
[illegible]	[illegible]	1	16	0	0	0	0	0	0	0	0	12	16
61	14	11	[illegible]	0	0	0	0	0	0	0	0	[illegible]	14
62	1	2	4	[illegible]	[illegible]	0	0	0	[illegible]	0	0	1	4
63	[illegible]	2	0	[illegible]	0	0	0	0	0	0	0	[illegible]	[illegible]
64	10	5	4	[illegible]	[illegible]	0	0	0	[illegible]	0	0	0	10
65	10	2	4	3	[illegible]	0	0	0	0	0	0	0	10
66	12	15	0	0	[illegible]	0	0	0	0	0	0	4	15
67	1	16	2	0	0	0	0	0	0	0	0	[illegible]	16
68	4	1	5	[illegible]	[illegible]	0	0	0	0	0	0	4	[illegible]
69	1	7	14	0	0	0	0	0	0	0	0	0	14
[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	0	0	0	0	0	0	1	[illegible]
71	4	1	2	0	[illegible]	0	0	0	0	0	0	0	4
72	4	3	0	1	[illegible]	0	0	0	[illegible]	0	0	0	4
73	0	1	0	0	[illegible]	0	0	0	0	0	0	1	1
74	3	8	[illegible]	[illegible]	[illegible]	0	0	0	0	0	0	0	8
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

187	LAKEHURST, NJ	45-67
STATION	STATION NAME	YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
65	3	2	1	0	0	0	0	0	0	0	1	3	3
66	2	3	5	0	0	0	0	0	0	0	0	4	5
67	5	1	2	0	0	0	0	0	0	0	1	[illegible]	[illegible]
68	7	18	7	0	0	0	0	0	0				
69									0		0	2	
1	3	0	0	0	0	0	0	0	0	0	0	1	4
2	0	1	1	2	0	0	0	0	0	0	0	2	9
MEAN	4.2	4.7	4.1	.3	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
S.D.	7.734	5.699	5.382	.813	.000	.000	.000	.000	.000	.000	.177	2.730	5.348
TOTAL OBS.	992	875	961	960	961	930	992	992	990	930	960	961	11504

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

147 [illegible] LAKEHURST, NJ 45-82
STATION STATION NAME YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
4[illegible]		T 1	0	0	0	0	0		0	0	0	T	SNO DPTH DAYS
4[illegible]	0	0	0	0	0	0	0 0	0	0	0	0	0	SNO DPTH DAYS
47	0	0	0	0	0	0	0	0 1	0	0	0	0	SNO DPTH DAYS
4[illegible]	0	T 1	0	0	0	0	0	0	0	0	0	0	SNO DPTH DAYS
49		T	0		T 0	0		0				0	SNO DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] LAKEHURST, NJ 1946-1978 1981-1992

STATION | STATION NAME | YEARS

JANUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	43	19[illegible]	4.4	112	1971
2	[illegible]	16	1966	[illegible].3	[illegible]	1948
3	1.[illegible]	35	1960	[illegible].5	13	1968
4	[illegible].[illegible]	42	1987	0.4	10	1968
5	[illegible].[illegible]	16	1952	0.	5	1972
6	[illegible].[illegible]	42	1962	3.6	91	1987
7	[illegible].[illegible]	14	1976	5.5	140	1953
8	[illegible].[illegible]	19	1953	2.3	58	1953
9	1.[illegible]	26	1953	3.3	84	1974
10	[illegible].[illegible]	46	1977	9.9	251	1965
11	[illegible].[illegible]	20	1954	8.0	203	1954
12	[illegible].4[illegible]	12	1963	2.5	64	1962
13	1.[illegible]	36	196[illegible]	9.6	244	1978
14	[illegible].[illegible]	1[illegible]2	1953	2.5	64	1982
15	1.4[illegible]	37	1961	3.2	81	1965
16	[illegible].[illegible]	13	1954	4.0	102	1965
17	[illegible].[illegible]	25	1978	2.6	66	1958
18	[illegible].[illegible]	15	1975	[illegible].5	13	1967
19	[illegible].[illegible]	23	1961	9.2	234	1961
20	1.[illegible]	35	1978	4.6	122	1978
21	1.[illegible]	26	1949	1.[illegible]	25	1982
22	1.[illegible]	50	1958	1.5	38	1955
23	1.[illegible]1	41	1966	4.4	112	1966
24	[illegible].[illegible]	26	1965	1.[illegible]	33	1976
25	[illegible].3[illegible]	67	1958	[illegible].5	13	1946
26	[illegible].[illegible]4	14	1978	3.4	86	1961
27	1.[illegible]4	38	1973	2.3	58	1959
28	[illegible].[illegible]1	31	1967	3.1	79	1973
29	[illegible].[illegible]	24	1973	1.[illegible]	25	1981
30	[illegible].4[illegible]	12	1966	4.7	119	1966
31	[illegible].[illegible]5	17	1949	4.8	122	1951
Monthly	[illegible].[illegible]	1[illegible]2	1958	9.9	251	1965

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.43	11	1958	4.5	114	1958
2	1.78	45	1973	4.7	119	1955
3	1.18	3[illegible]	1972	4.3	109	1961
4	[illegible].65	17	1952	3.7	94	1948
5	0.48	12	196[illegible]	[illegible].[illegible]	51	1975
6	1.31	33	1978	[illegible].1	53	1957
7	1.[illegible]	4[illegible]	1971	8.0	203	1967
8	[illegible].[illegible]1	21	1974	8.3	211	1974
9	1.20	30	1969	7.	178	1969
10	1.03	26	1957	6.0	152	1967
11	[illegible].[illegible]5	22	1956	4.5	114	1964
12	0.99	25	1963	1.5	38	1975
13	2.43	62	1966	3.[illegible]	76	1969
14	0.67	17	196[illegible]	2.0	51	1979
15	1.67	42	1953	8.0	203	1955
16	1.24	33	1959	12.8	325	1958
17	1.13	29	1952	4.0	102	1945
18	1.[illegible]2	46	196[illegible]	4.5	114	1967
19	1.[illegible]	38	1972	2.6	66	1964
20	1.04	26	1981	2.2	56	1947
21	1.[illegible]9	40	1951	1.6	41	1947
22	[illegible].90	23	1971	[illegible].7	18	1950*
23	[illegible].76	19	1961	3.4	[illegible]6	1972
24	1.06	27	1977	5.[illegible]	127	1966
25	1.14	29	1960	4.6	117	1974
26	[illegible].78	2[illegible]	1957	T	T	19[illegible]
27	1.[illegible]1	38	195[illegible]	[illegible].7	18	1967
28	0.68	25	1958	9.6	244	1949
29	[illegible].[illegible]3	1[illegible]	1968	2.0	51	1968
30						
31						
Monthly	2.43	62	1966	12.8	325	1958

* 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] | LAKEHURST, NJ | 1 4[illegible]-1[illegible]78 1981-1952
STATION | STATION NAME | YEARS

MA[illegible]
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	24	1957	7.0	17[illegible]	1953
2	1.1[illegible]	2[illegible]	1969	11.0	279	1969
3	1.2[illegible]	31	196[illegible]	12.4	315	196[illegible]
4	[illegible]	22	1952	6.7	17[illegible]	1961
5	[illegible]	33	1965	3.6	91	1981
6	1.4[illegible]	37	1953	8.0	203	1[illegible]62
7	1.[illegible]	42	1967	5.	127	1969
8	[illegible]	41	1961	5.	127	1953
9	[illegible]	15	1976	1.5	38	1962
10	.[illegible]	9	1959	1.6	41	1[illegible]
11	[illegible]	44	1952	1.5	38	1946
12	.03	52	1962	3.2	56	1964
13	1.[illegible]	4[illegible]	1953	2.3	5[illegible]	1956
14	1.[illegible]	35	1961	6.6	1[illegible]	1958
15	[illegible]	27	1953	[illegible]	T	1[illegible]
16	.[illegible]9	23	1974	5.5	14	1956
17	1.[illegible]3	34	1960	2.5	64	1965
18	1.[illegible]	27	1968*	5.	127	1956
19	[illegible].1[illegible]	2[illegible]	1961	8.5	216	1956
20	1.[illegible]2	39	1958	18.[illegible]	457	1958
21	[illegible].21	31	1974	2.[illegible]	74	1958
22	[illegible].[illegible]6	42	1977	2.1	53	1964
23	[illegible].[illegible]	48	1961	2.5	64	1971
24	.[illegible]7	20	1953	1.2	3	1[illegible]56
25	.[illegible]	19	196[illegible]	1.0	25	1965
26	[illegible].[illegible]	43	1977	[illegible].3	[illegible]	1960
27	[illegible].[illegible]	23	1956	1.3	33	1[illegible]59
28	[illegible].[illegible]	16	1964	0.2	5	1[illegible]59
29	.[illegible]	5	1979	0.[illegible]	23	1979
30	.24	57	1951	[illegible]	T	1[illegible]69
31	.22	31	196[illegible]	[illegible].1	3	1[illegible]56
Monthly	.2[illegible]	57	1951	18.0	457	1958

AP[illegible] IL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.4[illegible]	37	1948	[illegible]	T	[illegible]7[illegible]
2	2.[illegible]9	52	197[illegible]	3.[illegible]	76	19[illegible]5
3	0.[illegible]4	24	1975	[illegible]	T	1[illegible]75
4	1.[illegible]4	6	1973	[illegible]	T	[illegible]952
5	[illegible].[illegible]4	21	1957	[illegible]	[illegible]	1[illegible]74
6	1.[illegible]2	34	1971	2.	51	1982
7	1.[illegible]2	36	1956	1.0	25	1956
8	[illegible].[illegible]7	25	1973	2.	74	1956
9	1.12	2[illegible]	1974	[illegible].7	18	1982
10	0.[illegible]5	24	1953	[illegible].3	[illegible]	1974
11	0.[illegible]4	16	1958	[illegible]	[illegible]	1[illegible]72
12	[illegible].[illegible]3	21	1981	1.[illegible]	41	1969
13	1.[illegible]8	5[illegible]	1961	[illegible]	T	1[illegible]6[illegible]
14	1.[illegible]7	47	197[illegible]	[illegible]	T	1953[illegible]
15	1.11	2[illegible]	197[illegible]			
16	1.[illegible]	27	1972	[illegible]	T	1[illegible]72
17	1.3[illegible]	34	1954			
18	0.75	19	1953			
19	1.0[illegible]	27	1978			
20	[illegible].77	2[illegible]	1972	T	T	1[illegible]3
21	[illegible].20	5	1945			
22	0.[illegible]6	24	1960	[illegible]	[illegible]	1[illegible]72
23	1.[illegible]6	47	1954			
24	1.24	31	1968	[illegible]	[illegible]	1954
25	1.[illegible]	2[illegible]	1975			
26	0.[illegible]4	21	1973			
27	2.[illegible]2	64	1952	T	T	1[illegible]67
28	1.1[illegible]	3[illegible]	1958			
29	[illegible].[illegible]3	24	1964			
30	0.[illegible]3	19	1963			
31						
Monthly	2.[illegible]2	64	1952	3.[illegible]6	76	1965

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] STATION | [illegible] STATION NAME | 1 4[illegible]-1978 1981-1982 YEARS

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]7	1947	T	T	1[illegible]67
2	[illegible]	13	1981			
3	[illegible]	21	1[illegible]45			
4	[illegible]	33	1[illegible]75			
5	[illegible]	23	1958			
6	[illegible]	13	1956			
7	1.3[illegible]	34	1967			
8	[illegible]	44	1954			
9	[illegible]	26	1973			
10	[illegible]	23	1945			
11	[illegible]	4[illegible]	1981			
12	[illegible]	15	1[illegible]6[illegible]			
13	1.[illegible]	46	1959			
14	1.1[illegible]	2[illegible]	1946			
15	[illegible]	1[illegible]	1953			
16	[illegible]	5[illegible]	1971			
17	[illegible]	16	1944			
18	[illegible]	1[illegible]	1[illegible]7			
19	[illegible]	23	1[illegible]6			
20	1.[illegible]	26	1[illegible]9			
21	1.[illegible]6	42	1[illegible]4			
22	1.[illegible]1	33	1[illegible]7			
23	[illegible]	[illegible]3	1[illegible]1			
24	[illegible]	[illegible]6	1973			
25	[illegible]	45	1[illegible]8			
26	1.[illegible]	38	1961			
27	[illegible]	1[illegible]	194[illegible]			
28	[illegible]	26	1[illegible]8			
29	4.[illegible]	118	1968			
30	[illegible]	20	1[illegible]5			
31	[illegible]	[illegible]9	1952			
Monthly	[illegible]	118	1968	[illegible]	T	1[illegible]63

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.[illegible]1	21	1946			
2	[illegible].69	[illegible]5	1954			
3	[illegible].45	12	1967			
4	0.[illegible]5	24	195[illegible]			
5	0.70	18	1975			
6	[illegible].[illegible]2	[illegible]6	197[illegible]			
7	[illegible].5[illegible]	14	1947			
8	0.[illegible]9	25	1946			
9	1.1[illegible]	29	1977			
10	[illegible].[illegible]3	11	1951			
11	[illegible].[illegible]9	24	1946			
12	[illegible].30	127	1968			
13	1.[illegible]3	36	1953			
14	1.12	2[illegible]	1969			
15	1.[illegible]5	39	195[illegible]			
16	1.[illegible]2	34	1982			
17	0.2[illegible]	[illegible]7	1982[illegible]			
18	1.1[illegible]	2[illegible]	1972			
19	1.3[illegible]	34	1967			
20	2.4[illegible]	62	1981			
21	1.20	30	1[illegible]0			
22	[illegible].23	57	195[illegible]			
23	1.[illegible]8	27	1974			
24	[illegible].03	77	1957			
25	0.[illegible]4	24	1981			
26	1.13	29	1967			
27	[illegible].[illegible]6	22	196[illegible]	T	T	1[illegible]67
28	1.[illegible]3	46	1966			
29	1.34	34	19[illegible]2			
30	1.7[illegible]	45	1973			
31						
Monthly	[illegible].00	127	1968	T	T	1[illegible]62

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
[illegible]	LAKEHURST, NJ	1948-1978 1981-1982

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	1946			
3	[illegible].4	[illegible]	1978			
4	[illegible].22	[illegible]	1966			
5	[illegible].1	[illegible]	1956			
6	[illegible].2	[illegible]	1958			
7	[illegible]	[illegible]	1947			
8	[illegible]	101	1964			
9	[illegible]	[illegible]	1964			
10	[illegible].1	[illegible]	1959			
11	[illegible]	[illegible]	1965			
12	[illegible]	104	1977			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	1966			
15	[illegible].4	[illegible]	1959			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	1945			
18	[illegible]	[illegible]	1962			
19	[illegible]	[illegible]	1968			
20	[illegible]	[illegible]	1981			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	1958			
23	[illegible].22	[illegible]	1953			
24	[illegible]	[illegible]	1974			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	1963			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	66	1969			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

AUGUST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	1977			
2	[illegible]	[illegible]	1973			
3	[illegible]	[illegible]	1967			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	1952			
7	[illegible]	[illegible]	1946			
8	[illegible]	[illegible]	1981			
9	[illegible]	[illegible]	1976			
10	[illegible]	[illegible]	1952			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	1955			
13	[illegible]	[illegible]	1955			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	1946			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	1954			
22	[illegible]	[illegible]	1968			
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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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						
Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.1	29	1953			
2	1.23	31	1961			
3	1.34	35	1961			
4	.28	7	1962			
5	1.52	39	1962			
6	1.14	2	1956			
7	2.85	72	1951			
8	0.59	15	1969			
9	1.42	36	1976			
10	1.2	33	1971			
11	1.21	31	1951			
12	0.44	11	195			
13	.08	2	1980			
14	2.7	71	19			
15	1.1	3	195			
16	1.3	35	1974			
17	1.57	40	1964			
18	1.69	43	1956			
19	2.9	75	1966	T	T	7
20	2.00	51	1976	T	T	1
21	0.6	17	1969			
22	1.7	47	1959			
23	1.2	46	195			
24	.13	54	1959	T	T	1
25	2.3	60	1958			
26	1.1	46	1971	T	T	1 42
27	.4	11	1977	.1	T	1 57
28	1.1	36	1972	T	T	1 5
29	.3	112	1973	T	T	1 2
30	1.11	2	1955			
31	1.6	42	1956			
Monthly	4.2	112	1973	.1	T	1 57

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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						
Monthly						

DECEMBER
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.9	25	1977	T	T	1969*
2	0.72	16	1974	0.6	15	1952
3	1.39	35	1967	1.5	38	1957
4	1.33	34	1964	3.8	97	1957
5	1.22	31	1977	T	T	1969*
6	1.21	30	1959	T	T	1979*
7	1.31	33	1976	0.2	5	1959
8	1.20	30	1974	0.6	15	1975
9	1.42	36	1973	1.3	33	1961
10	1.12	28	1969	1.9	48	1945
11	0.76	20	1965	7.8	198	1960
12	1.55	39	1964	7.9	201	1960
13	0.76	19	1965	0.1	3	1945
14	1.86	47	1953	4.6	117	1951
15	1.27	32	1981	4.0	102	1968
16	2.88	73	1974	2.1	53	1981
17	1.37	35	1970	0.6	15	1973
18	1.09	27	1961	0.5	13	1946
19	0.78	20	1948	7.8	198	1948
20	1.71	43	1957	2.0	51	1964
21	1.84	47	1952	2.0	51	1962
22	1.18	30	1969	3.0	76	1959
23	0.77	20	1963	7.2	183	1963
24	0.40	10	1966	4.0	102	1966
25	1.11	28	1945	1.4	36	1969
26	3.00	76	1957	17.0	432	1947
27	0.60	15	1964	0.3	8	1970
28	2.05	52	1959	0.1	3	1966
29	0.91	23	1966	2.3	58	1963
30	0.99	25	1948	0.4	10	1965
31	0.57	14	1948	2.6	66	1967
Monthly	7.00	76	1957	17.0	432	1947

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

WINDS (SFC)

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

167 — STATION
LAKEHURST, NJ — STATION NAME
40-67 — YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
40		NW 50	W 67	NW 60	WSW 60	SSW 37	NW 55	SW 34	ENE 43	SW 44	NE 57	W 52	
41		NW 63	S 51	W 52	SSW 46	W 37	S 32	NE 28	W 38	SW 47	WSW 45	NW 51	
42	NW 51	WNW 51	W 62	WSW 50	NE 46	42	WSW 32	NNE 33	35	NNE 38	SW 41		
43		WNW 41	SW 58	ENE 52	W 39	SW 62	WSW 48	NW 31		ENE 44	W 52	47	
44	W 44		WNW 49	W 52	W 39	W 30	WSW 42	SW 34	NW 44		WNW 44	W 35	
45	W 44	NW 46	W 52	SW 39	SW 43	WNW 36	W 45	NE 25	W 27	W 37	E 71	WSW 44	
46	SW 52	W 48	ENE 51	SW 50	W 39	W 38	W 49	W 30	NW 32	W 46	W 47	NW 49	WSW 52
47	43	WNW 57	SSE 53	WSW 36	WSW 55	NW 48	SSE 30	SW 40	SE 50	W 39	E 49	SE 41	WSW 55
48	49	WSW 52	WNW 48	WSW 43	WSW 46	NW 38	NW 40	ENE 29	WSW 32	WNW 32	NW 54	47	NW 52
49	47	SE 46	W 46	NW 38	W 36	W 37	NW 44	WNW 34	NW 57	SSE 75	WSW 61	SSE 47	SSE 75
50	NW 43	W 42	W 61	WNW 39	WSW 37	WSW 59	SW 35	ENE 52	NW 29	WNW 53	WNW 47	WSW 38	W 61
51	NNE 57	SSW 67	W 44	SW 44	W 36	SW 34	W 28	SW 30	SW 42	WSW 34	WNW 44	WNW 38	SSW 67
52	SW 50	WSW 39	WNW 39	WNW 38	WSW 32	WSW 44	W 28	SSW 22	WSW 26	NNE 43	E 49	SSE 54	SSE 54
53	NE 58	NE 54	NNE 44	SE 53	WSW 42	WSW 46	WNW 37	SW 37	WSW 34	WNW 41	SSW 50	WSW 47	NE 58
54	51	W 51	SE 56	SE 40	WSW 40	WNW 42	WSW 35	WSW 33	SSW 26	SE 40	WSW 38	SW 47	SE 56
55	S 39	NE 57	NE 39	W 48	WNW 31	W 39	NE 37	W 28	W 51	W 37	W 34	NNE 36	NE 57
56	NNE 32	ENE 49	E 40	ENE 49	W 34	W 55	W 23	W 22	NNW 37	W 33	NNW 35	W 46	W 55
57	S 38	W 32	NE 54	W 38	WSW 46	SE 28	WNW 29	NW 37	W 28	WSW 30	NE 45	NNW 48	NE 54
58	WSW 41	NE 42	W 44	NW 48	NW 39	NW 28	NW 28	NW 32	SSW 32	NW 34	ENE 48	SSE 34	NW 48
59	NE 43	WNW 38	NW 42	W 38	WNW 37	NW 39	ESE 24	W 24	WNW 29	ENE 30	NW 34	NW 42	NE 43
60	N 38	SW 45	WNW 33	W 43	WNW 32	SW 31	NNW 31	WNW 29	SSW 30	SE 38	NNW 44	E 31	SW 45
61	44	S 45	W 44	WNW 23	W 33	NNW 30	NW 43	WNW 31	E 33	NW 32	SE 35	SSE 37	S 45
62	W 41	W 49	NNW 35	WNW 40	ENE 40	WNW 33	SSW 31	SW 38	E 35	S 35	NW 37	W 33	W 49
63	NW 47	WNW 47	NW 50	W 42	E 39	NNW 40		WSW 25	SE 27	W 26	ESE 55	NW 43	
64	NW 40	WNW 43	NW 33	SW 36	SW 34	NW 35	NW 32	W 26	NW 24	W 39	W 35	WNW 45	WNW 46
65	WNW 31	S 50	S 35	W 49	WNW 30	W 33	SSW 33	NE 42	NW 39	NW 31	NW 33	W 43	S 50
66	W 48	18 36	27 54	02 40	26 33	26 27	34 27	29 41	15 23	15 30	04 40	31 32	27 54
67		03 51	11 39	37 29		26 31	27 27	23 22	29 24	02 31	22 36	28 38	
68	29 33	15 41	24 43	37 36	29 30	29 28	28 31	15 20	09 28	09 32	28 41		
69		28 50	29 44	26 47	29 53	06 30	25 39		29 40	29 26	19 30	06 54	
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

1-7[illegible] | LAKEHURST, NJ | 45-82
STATION | STATION NAME | YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]5	31 46	2[illegible] 4[illegible]	33 41	3[illegible] 53	2[illegible] 27	29 [illegible]7	30 46	30 36	23 29	08 31	29 29	30 36	3[illegible] 53
76	3[illegible] 45	31 55	31 76	27 33	30 42	28 46	31 31	31 53	26 25	18 47	29 33	29 3[illegible]	31 76
77	29 47	27 42	28 48		33 34	32 35	29 31	31 44	17 32	28 32	19 38	27 44	
78	17 48	31 28	18 33	2[illegible] 40	30 33	26 29	31 31	27 71					
79												29 3[illegible]	
80									27 29		22 32		
81	30 30	1[illegible] 36		29 30	29 23	29 38	3[illegible] 22		31 28	31 32		32 36	
82	29 33	21 35	26 26	30 42	33 24	31 21		29 26	28 21	28 25	1[illegible] 29	24 3	
MEAN	[illegible]3.[illegible]	45.[illegible]	46.3	42.5	3[illegible].[illegible]	36.[illegible]	34.6	34.1	32.[illegible]	3[illegible].[illegible]	42.5	40.[illegible]	5[illegible].[illegible]
S.D.	[illegible].703	7.839	10.17[illegible]	7.571	8.131	8.8[illegible]2	8.[illegible]16	10.[illegible]22	7.94[illegible]	9.460	9.736	6.271	9.0[illegible]5
TOTAL OBS.	[illegible]57	985	107[illegible]	1047	1081	1070	1046	1[illegible]46	1[illegible]3[illegible]	1[illegible]48	1[illegible]41	1[illegible]7	12483

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

.47 — STATION
LAKEHURST, NJ — STATION NAME
45-80 — YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible] 47 27												WINDS DAYS
47												[illegible] 26	WINDS DAYS
[illegible]	[illegible] 42 .1								SW 37 26				WINDS DAYS
[illegible]		S[illegible] 42 27											WINDS DAYS
6[illegible]							[illegible]W 37 25						WINDS DAYS
72	27 54 23				0[illegible] 33 26								WINDS DAYS
73												19 4[illegible] 26	WINDS DAYS
74	31 37 27							21 42 2[illegible]					WINDS DAYS
77				27 36 17									WINDS DAYS
7[illegible]									25 27 16				WINDS DAYS
81			2[illegible] 30 27					07 27 2[illegible]			3[illegible] 32 19		WINDS DAYS
82							16 33 18						WINDS 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)

347 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) JAN (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	1.1	2.2	2.2									5.4	5.4
NNE	1.2	1.1										2.2	7.3
NE	1.1											1.1	1.6
ENE													
E	1.1	1.1										2.2	3.0
ESE	1.1	1.1	1.1									3.2	5.7
SE			1.1									1.1	10.0
SSE	4.3		1.1									5.4	3.8
S	1.1			1.1								2.2	7.0
SSW	1.1	1.1	1.1									3.2	5.0
SW	4.5	1.1	1.1									8.6	3.5
WSW		4.3	2.2									6.5	5.8
W	1.2	2.2	5.4	1.1								11.8	6.5
WNW	2.2	2.2	3.2	4.3								11.8	8.1
NW	1.1	2.2	2.2			1.1						6.5	8.5
NNW			2.2									2.2	7.5
VARBL													
CALM												25.8	
	25.8	18.3	22.6	6.5		1.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 93

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) — 18 CHURST, NJ (STATION NAME) — 73-75 (YEARS) — JAN (MONTH)

ALL WEATHER (CLASS) — 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.1	1.1									4.3	4.0
NNE	2.2											2.2	2.5
NE	1.1	1.1	1.1									3.2	4.3
ENE	2.2											2.2	2.5
E	2.2											3.2	2.3
ESE		1.1		1.1								2.2	11.0
SE	1.1	2.2	1.1									4.3	5.3
SSE	1.1											1.1	3.0
S		1.1										1.1	5.0
SSW		1.1	2.2									3.2	7.3
SW	3.2											3.2	2.7
WSW	3.2	2.2	1.1									6.5	3.8
W	9.3	6.5	3.2	2.2								16.1	5.9
WNW	1.1	2.2	3.2	1.1								7.5	6.9
NW	2.2		1.1	3.2								6.5	9.2
NNW	2.2	2.2	1.1									5.4	4.8
VARBL													
CALM												28.0	
	25.8	20.4	15.1	7.5								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 93

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION — LAKEHURST, NJ STATION NAME — 45-65 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	1.7	.6									4.2	3.7
NNE	1.3	.6	.7									2.3	4.4
NE	.6	.6	.6									1.9	5.7
ENE	1.3	.6		.7								2.3	4.9
E	1.3	1.0	.3									2.6	4.0
ESE	.3	1.3	1.3									2.6	5.8
SE	.3		.6									1.3	5.3
SSE	1.0	.3	.3									1.9	4.3
S	.3		.7	.3	.3							1.3	10.5
SSW		1.1	.6									1.6	6.6
SW	1.3	1.6	.3	.3								3.2	4.4
WSW	2.6	1.3	1.0	.6	.6							6.1	6.7
W	7.6	4.5	4.5	4.5	1.0							18.0	7.9
WNW	2.3	2.3	3.2	1.9								11.3	6.7
NW	1.6	2.6	3.5	1.6								10.3	6.6
NNW	2.3	1.3	.6	.3								4.3	4.6
VARBL													
CALM												24.1	
	24.4	20.6	16.6	10.0	1.9							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 311

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (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	1.3	3.9	.3									6.4	4.1
NNE	1.3	1.9	2.3									4.2	5.6
NE	1.3	1.9	.7									3.2	4.2
ENE	.3	1.6	.6		.3							2.9	6.9
E	1.3	.6	.6									2.3	5.1
ESE	1.3	.6	1.3									2.6	5.4
SE	.7	1.3										1.3	4.0
SSE	.3	1.6	1.3	.3								2.9	6.7
S	.6	.3	1.6	.3								2.9	7.6
SSW		.6	1.3	.6								2.3	9.6
SW	.6	1.3	1.6	.3	.3							4.2	7.4
WSW	.3	.6	1.3	.6	.3	.3						3.2	10.2
W		2.9	6.1	7.1	3.2							19.9	11.4
WNW	.6	3.9	3.9	6.1	.3	.6						15.4	10.0
NW	1.3	3.9	1.3	4.8								11.6	8.6
NNW	.7	2.3	2.9	1.0								6.4	7.7
VARBL													
CALM												8.4	
	10.5	27.0	27.0	21.2	4.5	1.0						100.2	7.7

TOTAL NUMBER OF OBSERVATIONS 311

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LAKEHURST, NJ 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 13
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	.3	1.8	1.6									4.2	5.6
NNE	.6	.5	.6	.3								2.3	6.6
NE	1.0	1.6	.3									2.9	4.2
ENE	1.6	.5	.7		.3							2.9	5.6
E	1.0	2.3	.6	.3								5.2	4.6
ESE	.7	.3	.5	.3								1.6	9.2
SE		.7	1.0									1.7	7.0
SSE		.6	1.0	.3	.3							2.9	9.1
S	.3	.6	1.0	1.3		.3						3.5	10.5
SSW		.3	1.6	1.0								3.0	9.3
SW		.3	1.7									2.6	7.6
WSW	.3	1.3	2.6	1.0	.6	.5						6.3	10.4
W	1.3	1.6	6.5	8.1	2.3	1.6						21.3	12.2
WNW	.3	1.3	4.5	3.4	2.3							15.1	11.9
NW	1.3	1.3	4.2	3.2	1.0							11.0	9.5
NNW	.3	1.9	2.3	.6	.6							6.1	7.8
VARBL													
CALM												4.5	
	10.5	17.7	31.3	25.6	7.4	2.6						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LEESBURG, FL (STATION NAME) 73-82 (YEARS) JAN (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	1.3	.6									2.6	4.6
NNE	.3	.6	.6									1.5	3.5
NE	1.0	.4	1.0									2.6	5.4
ENE	.3	.3	.3									1.0	4.8
E	1.3	1.0	.6									3.0	4.6
ESE	.4	.6										1.0	4.7
SE		1.0	.4	.3	.3							2.3	6.9
SSE	1.0	1.0	1.0	.3								3.2	6.6
S	1.0	1.0	1.0	1.3	.3							4.0	8.2
SSW	.3	1.0	1.3	.6								3.0	7.2
SW	.4	1.0	1.3		.3							3.0	6.9
WSW	.4	2.3	2.3	2.3	.6	.6						8.7	10.1
W	2.7	1.6	8.1	5.5	1.6							19.0	10.0
WNW	1.0	2.9	7.1	5.5	1.0							19.4	9.4
NW	1.3	2.3	5.2	2.6	.3							12.3	8.4
NNW	1.0	1.3	1.0	.6		.3						5.2	7.8
VARBL													
CALM												.3	
	15.2	23.4	32.2	18.7	4.5	1.0						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7 (STATION) LAKEHURST, N.J (STATION NAME) 73-80 (YEARS) JAN (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	.3	1.3	.6	.3								2.2	6.9
NNE	1.3	1.4	.6									3.3	4.7
NE	1.3	.6										1.9	2.3
ENE	1.3	.6	.6	.3								2.8	5.7
E	1.0	.3										1.3	2.5
ESE	1.0											1.0	2.0
SE	1.3	.3	.3	.3								1.9	5.8
SSE	1.3	1.6		.3								3.2	4.3
S	1.3	.3	.3	.6								2.5	6.1
SSW	2.2	.6	1.3	.6								5.2	5.8
SW	1.6	.6	.6	.6								3.3	5.9
WSW	1.6	2.6	1.6	.6	.3	.6						6.3	8.2
W	1.3	4.8	3.5	3.5	.6	.3						15.5	7.8
WNW	1.3	2.6	1.9	2.3	.6							10.6	7.3
NW	2.2	1.6	5.2	.3	.3							9.7	7.0
NNW	1.3	1.6	1.3	.6								4.8	6.2
VARBL													
CALM												12.3	
	25.3	25.3	17.1	12.6	1.9	1.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION | [illegible] / 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	[illegible]	1.[illegible]	.[illegible]									[illegible]	[illegible]
NNE	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								[illegible]	[illegible]
NE	.[illegible]	1.[illegible]										1.[illegible]	[illegible]
ENE	1.[illegible]	.[illegible]	.[illegible]									2.[illegible]	[illegible]
E	.[illegible]	1.[illegible]	.[illegible]									2.[illegible]	[illegible]
ESE		.[illegible]										.[illegible]	[illegible]
SE	.[illegible]											.[illegible]	[illegible]
SSE	1.[illegible]		.[illegible]		.[illegible]							2.[illegible]	[illegible]
S	1.[illegible]	.[illegible]	.[illegible]	1.[illegible]								3.[illegible]	[illegible]
SSW	.[illegible]	1.[illegible]		1.[illegible]								2.[illegible]	[illegible]
SW	[illegible]	1.[illegible]										4.[illegible]	[illegible]
WSW	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]						[illegible]	[illegible]
W	[illegible]	4.[illegible]	4.[illegible]	2.[illegible]	.[illegible]							13.[illegible]	[illegible]
WNW	[illegible]	1.[illegible]	4.[illegible]	2.[illegible]	.[illegible]	.[illegible]						11.[illegible]	[illegible]
NW	[illegible]	2.[illegible]	[illegible]	.[illegible]	1.[illegible]							11.[illegible]	[illegible]
NNW	.[illegible]	1.[illegible]	2.[illegible]	.[illegible]								6.[illegible]	[illegible]
VARBL													
CALM												24.[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

CLASS ALL WEATHER

CONDITION _____

HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.6	.4	.2								4.1	4.6
NNE	1.2	.8	.7	.1								2.8	5.0
NE	.5	1.1	.4									2.4	4.4
ENE	.1	.8	.2	.3	.1							2.6	5.2
E	1.1	1.3	.5	.2								3.1	4.4
ESE	.5	.4	.2	.1								1.4	5.9
SE	.4	.5	.2	.1	.0							1.3	6.3
SSE	.1	.6	.4	.2	.1							2.9	6.0
S	.4	.8	.7	.7	.1	.0						2.9	7.8
SSW	.4	1.0	1.0	.6								3.2	7.1
SW	.6	1.3	.7	.2	.1							3.9	5.4
WSW	.1	1.0	1.6	.9	.4	.4						5.3	8.6
W	.4	3.7	3.5	4.5	1.4	.2						17.6	9.5
WNW	.6	2.4	4.2	4.4	.7	.2						13.7	9.2
NW	.4	2.3	3.5	2.1	.4	.2						10.4	7.9
NNW	.4	1.4	1.5	.4	.1	.2						5.2	6.9
VARBL													
CALM												15.7	
	11.2	21.6	24.2	15.0	3.5	1.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2045

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167	LAKEHURST, NJ	77-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

21
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.6	1.2									7.1	4.3
NNE	1.2	1.2	1.2									3.6	5.7
NE	1.2	2.4	2.4									6.0	5.2
ENE		3.6										3.6	5.0
E													
ESE	1.2		2.4									3.6	6.0
SE	2.4		1.2									3.6	3.7
SSE		1.2										1.2	4.0
S	1.2	1.2										2.4	3.0
SSW	1.2		1.2									2.4	4.5
SW	2.4	2.4	1.2									6.0	4.0
WSW	1.2		1.2									2.4	5.0
W	3.6	2.4		1.2	1.2							8.3	5.1
WNW	1.2	3.6	2.4	1.2	1.2							9.5	8.0
NW	3.6		6.0									9.6	6.4
NNW	3.6	4.8		1.2								9.6	4.6
VARBL													
CALM												21.4	
	24.2	26.2	20.2	3.6	2.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 84

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 STATION — LAKEHURST, NJ STATION NAME — 73-75 YEARS — FEB MONTH

ALL WEATHER CLASS — 24 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	2.4	1.2									7.1	4.0
NNE	4.3	1.2	1.2									7.1	3.7
NE			1.2									1.2	10.0
ENE	1.2		6.0									7.1	7.0
E	1.2	1.2										2.4	4.0
ESE		1.2	1.2									2.4	7.0
SE													
SSE													
S	2.4		1.2									3.6	5.0
SSW	2.4	1.2	2.4									6.0	5.0
SW		2.4										2.4	5.5
WSW	1.2	3.6		1.2								6.0	5.6
W	2.4	3.6	2.4	1.2								9.5	6.3
WNW	3.6	6.0	1.2			1.2						11.9	6.5
NW	4.8	1.2	3.6	2.4								13.1	5.9
NNW		1.2										1.2	4.0
VARBL													
CALM												19.1	
	27.4	25.0	21.4	4.8		1.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 84

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, N.J (STATION NAME) 73-82 (YEARS) FEB (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	1.1	1.4	.7				.4					3.7	6.5
NNE	.7	1.4										2.1	4.3
NE	1.1	1.8	1.4									4.3	5.6
ENE		.4	2.1	.4								3.5	7.7
E	.7	1.1	.7	.4								2.3	6.4
ESE			.4									.4	5.0
SE	1.1		.4									1.4	4.6
SSE	1.1			.4								2.1	4.7
S	1.1	1.1		.7								2.8	5.8
SSW	1.4	1.1	.7									3.2	4.4
SW	1.8		1.1		.4							3.2	6.6
WSW	1.1	1.1	.4	.4								2.5	5.5
W	1.8	2.1	3.3	3.2				.4				12.1	7.4
WNW	1.1	2.5	2.8	1.4		.4						10.5	6.8
NW	1.8	2.5	3.5	1.1								10.5	5.7
NNW	1.1	1.4	1.4		.4							5.3	5.9
VARBL													
CALM												28.7	
	23.4	18.1	20.2	7.8	.7	.4	.4	.4				100.1	4.6

TOTAL NUMBER OF OBSERVATIONS 282

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]RST, NJ	73-82	FEB

CLASS: ALL WEATHER

HOURS (L.S.T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.2	2.[illegible]	.4								7.4	6.5
NNE	.7	2.1	.7	.4								3.9	5.9
NE	1.4	.7	1.4									3.5	4.8
ENE	1.4	.7	1.4	.7								4.3	6.9
E	1.8	1.8	1.8									5.3	5.4
ESE	.4	.7	.7	.4								2.1	7.2
SE	.4	.7	.4									1.4	5.5
SSE			.7									.7	7.0
S		1.1	1.1	.4	.4	.4						3.2	10.7
SSW		1.4	1.4	.7								3.5	8.4
SW	.4	.4	1.8	.7								3.2	9.9
WSW		1.4	.7	2.1	.7							5.0	10.7
W	.4	2.1	3.9	2.5	.7		.4					9.9	10.7
WNW	.7	1.4	3.2	5.3	1.4	.4	.4					13.1	11.9
NW	1.4	2.1	4.6	7.1	.4							16.0	9.2
NNW	.7	2.1	3.2	1.8								8.5	8.0
VARBL													
CALM												8.9	
	11.0	22.3	30.5	22.3	3.5	.7	.7					100.[illegible]	7.9

TOTAL NUMBER OF OBSERVATIONS: 282

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) FEB (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	1.4	1.4	3.5									6.4	5.8
NNE		2.1	.7									2.8	5.6
NE	.7	1.1	1.4									3.5	6.0
ENE	.7	1.8	2.8									5.3	6.1
E	1.4	1.8	1.1	.4								4.8	4.9
ESE	.4	.4	.4									1.1	5.3
SE	.4	1.1		.4								1.8	5.6
SSE		.7	.7	.7								2.1	10.0
S	.4	1.1	.7	1.1	.7							3.9	9.7
SSW	.7	.4	2.1	.7								3.9	8.0
SW	.4	.4	1.1	1.4								3.2	9.7
WSW		2.1	2.1	2.1	.4	.4						7.1	10.0
W	1.4	2.1	4.3	6.4	1.4	.4	.4					16.7	11.1
WNW	1.4	1.8	5.3	7.8	.4	.7						17.4	10.7
NW	.4	.7	5.3	5.3	.7	.7						13.1	11.8
NNW	.4	.7	1.8	1.4								4.3	9.6
VARBL													
CALM												2.8	
	10.8	19.5	33.3	27.7	3.5	2.1	.4					100.4	9.0

TOTAL NUMBER OF OBSERVATIONS 282

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) FEB (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	.7	1.8	1.4									3.9	6.0
NNE	1.1	1.4	1.4									3.9	5.5
NE	.7	1.4	1.1									3.2	5.6
ENE	1.4	.4	.7	.7								3.2	6.7
E		1.4	1.1	.4								3.2	6.7
ESE	1.4	2.5										3.9	4.5
SE	1.1	2.1	1.1									4.3	5.2
SSE	.4	.4	.7	.4		.4						2.1	10.0
S			1.8	1.4	.7							3.9	11.1
SSW		.4	.7		.4							1.4	10.3
SW	.4	.4	1.1	1.4								3.2	9.4
WSW	.4	1.1	3.2	1.4	.4							6.4	8.6
W	.7	2.1	7.1	7.8	1.8							19.5	11.0
WNW	.4	2.5	3.2	5.3	.7	.4						13.1	10.4
NW	.7	2.2	6.-	3.9	.4	.4						14.-	7.6
NNW	1.4	1.1	5.3	.7								8.-	7.8
VARBL													
CALM												2.1	
	10.6	22.0	36.5	23.4	4.3	1.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 282

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

107 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) FEB (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	1.1	.7	.4									2.1	4.5
NNE	1.0	1.1	.8									2.9	3.9
NE	1.4	1.1	.4									2.9	4.4
ENE	1.1	2.1	1.4									5.3	5.4
E	1.1	1.1		.4								3.5	4.4
ESE	.7		1.1									1.8	6.4
SE	1.4	1.1	.8	.4								3.2	5.1
SSE	1.1	.7	.7									2.5	4.6
S	3.3	1.8	1.4									7.5	4.3
SSW	1.1	1.4	1.1	1.4								5.0	7.1
SW	.7	1.8	.7									3.2	4.8
WSW	2.1	1.1		.4								4.3	4.1
W	3.3	4.3	1.8	2.1	1.1							14.2	6.7
WNW	1.8	2.1	2.5	1.1								7.9	6.5
NW	1.8	4.5	2.5	1.4								11.7	5.5
NNW	2.5	1.1	2.3	.7								7.1	6.3
VARBL													
CALM												14.3	
	31.7	26.7	17.8	7.8	1.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 281

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) FEB (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.[illegible]	.4	.4									2.5	3.7
NNE	.7	.7	.7									2.1	4.7
NE	2.1	2.5	1.8									6.4	5.2
ENE		1.4	.4	.4								2.1	6.2
E	.7	1.1		.4								2.1	5.5
ESE	.7	.7	.4									1.8	5.0
SE	.7	.4	.4									1.4	3.6
SSE	1.[illegible]	.4										2.1	2.5
S	1.4	1.4	1.1	.4								4.3	5.5
SSW	1.4	1.4	1.4	.4								4.6	5.5
SW	1.4	1.8	.7		.4							4.3	5.6
WSW	1.1	.7	.4									2.1	4.7
W	2.9	2.5	1.8	1.4	.4							10.[illegible]	6.3
WNW	2.[illegible]	1.4	3.2	2.5	.7							11.[illegible]	7.6
NW	2.[illegible]	4.3	1.1	2.1								10.0	6.3
NNW	1.8	2.5	2.1	1.1	.4							7.8	7.0
VARBL													
CALM												35.7	
	23.3	23.5	15.7	8.5	1.8							1[illegible].0	4.4

TOTAL NUMBER OF OBSERVATIONS 281

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1:7 (STATION) LAKEHURST, N.J (STATION NAME) 73-82 (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	1.4	1.8	1.5	.1			.1					4.6	5.5
NNE	1.0	1.5	.7	.1								3.2	4.9
NE	1.2	1.4	1.3									3.9	5.4
ENE	.1	1.2	1.7	.3								4.3	6.4
E	1.1	1.3	.7	.3								3.4	5.5
ESE	.6	.7	.4	.1								1.9	5.7
SE	.7	.3	.4	.1								2.2	4.9
SSE	.8	.4	.4	.2		.1						1.9	6.3
S	1.2	1.3	1.0	.6	.3	.1						4.1	7.1
SSW	.8	1.2	1.3	.5	.1							3.7	6.7
SW	.8	.7	1.2	.5	.1							3.4	7.1
WSW	.3	1.3	1.1	1.2	.2	.1						4.4	7.8
W	2.4	2.6	2.6	3.7	.9	.1	.1	.1				13.3	9.1
WNW	1.8	2.3	3.4	3.6	.5	.3	.1					12.1	9.2
NW	2.7	2.6	3.5	3.3	.2	.2						12.5	8.1
NNW	1.2	1.8	2.6	.9	.1							6.8	7.1
VARBL													
CALM												14.4	
	19.5	22.3	25.2	19.2	2.4	.7	.2	.1				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 1858

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) — LAKEHURST, N.J. (STATION NAME) — 73-75 (YEARS) — MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	1.1									2.2	6.0
NNE	[illegible]	1.1	1.1									4.3	4.3
NE	2.2	2.2	1.1									5.4	4.2
ENE	4.3		2.2	1.1								6.5	6.7
E			1.1									1.1	9.0
ESE	2.2											2.2	2.0
SE		2.2										2.2	4.0
SSE	3.2											3.2	2.0
S	1.1											1.1	2.0
SSW	2.2		1.1									3.2	5.0
SW	3.2	1.1	1.1	1.1								5.4	6.8
WSW			1.1									1.1	10.0
W			2.2	2.2								4.3	10.5
WNW	1.1	1.1	2.2			1.1						5.4	9.4
NW	5.2	3.2	5.4	3.2	1.1							15.1	5.9
NNW	1.1		5.4	1.1								7.5	8.4
VARBL													
CALM												10.1	
	22.0	11.0	24.7	8.4	1.1	1.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 93

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

117 (STATION) LANGHORNE, NJ (STATION NAME) 73-75 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 24 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.1									3.2	5.3
NNE	2.2	1.1	1.1									4.3	4.0
NE	2.2	3.2	2.2									7.7	5.3
ENE				1.1								1.1	15.0
E	2.2	1.1	1.1	1.1								5.4	6.8
ESE	1.1	1.1										2.2	3.5
SE		2.2										2.2	9.5
SSE		1.1	1.1									2.2	5.5
S			1.1									1.1	7.0
SSW	1.1		1.1									2.2	5.0
SW		1.1	2.2									3.2	6.3
WSW	1.1				2.2							3.2	15.7
W	2.2		1.1	1.1								4.3	6.8
WNW	3.2	1.1	4.3	2.2		1.1						11.9	9.1
NW		2.2	3.2	3.2	1.1							9.7	10.2
NNW	2.2	1.1	5.4									8.6	6.3
VARBL													
CALM												28.1	
	12.3	15.1	24.7	8.6	3.2	1.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 93

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

107 (STATION) LEBANON, N.J. (STATION NAME) 73-2 (YEARS) MAY (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	2.4	1.6	1.2									5.2	3.9
NNE	1.3	1.1										2.7	3.1
NE	1.0	.5	1.5									3.2	4.8
ENE	.3	.6	1.3	.1								2.5	7.0
E	1.2	1.1	2.3									5.0	5.5
ESE	.2	.5	1.3									2.3	6.3
SE	.4	1.2	1.3									2.9	5.7
SSE	.6	.3	.6									1.6	5.2
S	1.6	1.9	.5	.3								4.5	5.2
SSW	1.2	.6	1.1	.3								2.9	6.2
SW	1.0	.6	2.3	.3								5.2	6.0
WSW	1.1	.6	.5	.3	.3							2.9	6.9
W	2.1	2.6	1.9	1.3								8.5	6.1
WNW	2.3	1.6	4.5	1.9	.3	.3						11.0	8.0
NW	.2	2.3	3.9	2.6		.3						9.4	9.3
NNW	1.3	1.2	.7	.3								3.4	4.5
VARBL													
CALM												26.1	
	21.6	19.7	24.2	8.1	.6	.6						100.	6.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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	.4	1.8	1.4									3.6	5.2
NNE	.4	1.3	1.3	.6								3.6	6.6
NE	1.1	2.6	1.2									5.2	5.2
ENE	.3	1.1	2.3	1.3								5.1	7.8
E	.3	1.3	1.7	.6								4.0	7.1
ESE	.4	1.2	.4	.3								2.3	5.4
SE	.2	.3	1.6	.6								3.0	7.2
SSE	.2	1.3	.8	.6								2.9	5.1
S	.4	1.3	1.8	1.3								4.8	6.2
SSW	1.1		1.4	1.2								3.9	6.1
SW	.2	1.2	1.8	1.6	.3							5.2	8.9
WSW		.2	1.2	1.6	.3							4.2	11.3
W	.2	1.3	3.2	4.9	1.9							12.3	11.2
WNW	.2	1.4	3.8	4.2	1.3	.4	.2					12.3	12.4
NW	.2	1.6	4.2	4.2	1.9							12.3	11.2
NNW	.2	1.6	2.3	1.6								6.5	9.2
VARBL													
CALM												5.2	
	5.4	21.7	32.0	24.3	5.8	.4	.3					100.	9.7

TOTAL NUMBER OF OBSERVATIONS: 525

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAR

CLASS _____ HOURS (L S T) 13

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L.S.T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.8									3.2	6.2
NNE	.3	1.3	1.1									2.6	5.6
NE	1.3	.6	.3	.2								2.2	5.8
ENE	.7	1.6	2.7	.6								4.2	7.3
E	1.7	2.6	1.1	1.2								5.5	6.7
ESE	1.1	2.7										3.8	4.1
SE	.3	1.1	2.3									4.2	6.2
SSE	1.7	1.7	2.3	1.2								6.8	7.3
S	.3	1.3	1.1	2.2								5.9	9.8
SSW	.3	.4	1.5	1.4	.3							4.5	10.3
SW		.3	1.3	1.3								3.5	9.6
WSW		1.1	1.1	1.6	.3							3.7	10.3
W	.3	2.5	4.3	5.2	1.9							14.2	11.3
WNW	.5	1.4	4.3	4.2	1.6	1.1	.5					13.2	12.7
NW	.5	1.3	4.8	4.8	.6	.3						14.3	10.5
NNW		.5	1.1	1.9								3.5	10.2
VARBL													
CALM												1.3	
	.3	21.1	34.5	27.1	4.9	1.3	.5					100.2	9.3

TOTAL NUMBER OF OBSERVATIONS: 310

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7	LAKEHURST, NJ	73-82	M&J
STATION	STATION NAME	YEARS	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	1.7	1.3	.6									3.6	3.5
NNE	1.4	.6	.6									2.3	4.4
NE	.7	.6	.6									1.4	6.0
ENE	.6	1.6	.6	.6	.3							3.2	9.2
E	1.0	2.3	.6	.6								5.1	5.3
ESE	1.0	2.3	1.0									4.5	4.9
SE	1.3	1.4	.3									3.0	3.6
SSE	2.6	3.5		1.0								7.1	4.9
S	2.6	5.2	2.3	1.0								11.1	5.8
SSW	.7	1.0	1.4	.6								3.7	7.4
SW	1.0	1.3	.7									3.0	4.1
WSW	1.4	.4	.6	.3								2.6	6.4
W	.3	1.6	7.2	2.6	.3		.3					12.4	7.7
WNW	1.4	3.2	1.6	1.9	.3	.6						9.7	5.4
NW	1.4	2.6	1.3	2.6	.3							8.1	6.2
NNW	.4	1.6	1.3	.6	.7							4.3	7.5
VARBL													
CALM												12.9	
	25.3	31.6	16.5	11.9	1.6	.6	.3					100.3	5.6

TOTAL NUMBER OF OBSERVATIONS 312

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 7 (STATION) LAB[illegible]RST, N.J (STATION NAME) [illegible]-[illegible] (YEARS) MAY (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	[illegible]	[illegible]	.6									5.8	4.1
NNE	.[illegible]	.3	.6									1.3	6.3
NE	.[illegible]	1.[illegible]	1.[illegible]									3.5	6.3
ENE	.[illegible]	1.[illegible]		.6								2.3	6.7
E	[illegible]	1.[illegible]	.[illegible]	.3								4.2	4.2
ESE	.[illegible]	1.6										2.3	4.3
SE	1.[illegible]	.4										1.6	3.4
SSE	[illegible]	.3	.4									4.5	3.6
S	[illegible]	2.6	1.9	1.3								6.7	5.0
SSW	1.[illegible]	2.[illegible]	1.[illegible]	1.0								6.5	5.7
SW		1.[illegible]	.3									1.8	5.4
WSW	1.6		1.[illegible]		.3							2.5	6.6
W	[illegible]	2.3	1.[illegible]	1.0		.[illegible]	.3					7.4	7.4
WNW	1.[illegible]	2.3	2.[illegible]	2.3	.6		.3					9.7	8.7
NW	1.[illegible]	3.[illegible]	2.[illegible]	1.[illegible]								7.7	6.9
NNW	[illegible]	1.3	1.[illegible]	1.[illegible]								5.5	5.7
VARBL													
CALM												72.3	
	26.1	25.2	15.[illegible]	8.7	1.0	.[illegible]	.6					100.[illegible]	4.6

TOTAL NUMBER OF OBSERVATIONS 310

3

SMO8

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | LAKEHURST, NJ STATION NAME | 73-82 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.[illegible]	1.[illegible]	.[illegible]								[illegible].[illegible]	[illegible].[illegible]
NNE	.[illegible]	1.[illegible]	.7	.1								2.[illegible]	[illegible].2
NE	1.[illegible]	1.2	1.3	.1								3.[illegible]	[illegible].[illegible]
ENE	.[illegible]	1.[illegible]	1.[illegible]	.7	.1							[illegible].1	7.8
E	1.[illegible]	1.6	1.[illegible]	.6								[illegible].[illegible]	6.5
ESE	.[illegible]	1.[illegible]	.7	.[illegible]								3.1	5.2
SE	.7	1.[illegible]	1.[illegible]	.[illegible]	.0							3.[illegible]	[illegible].7
SSE	.[illegible]	1.[illegible]	.[illegible]	.[illegible]		.[illegible]						[illegible].7	[illegible].[illegible]
S	1.[illegible]	1.[illegible]	1.[illegible]	1.1	.0							6.1	7.0
SSW	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.1							3.[illegible]	7.7
SW	.[illegible]	.[illegible]	1.[illegible]	.7	.1							[illegible].[illegible]	7.[illegible]
WSW	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.3	.[illegible]						3.7	[illegible].[illegible]
W	1.[illegible]	1.8	[illegible].[illegible]	[illegible].4	.7	.1	.1					[illegible].2	[illegible].6
WNW	1.[illegible]	2.[illegible]	[illegible].5	[illegible].[illegible]	.9	.[illegible]	.[illegible]					[illegible].[illegible]	10.6
NW	.7	2.[illegible]	[illegible].[illegible]	[illegible].5	.7	.1						[illegible].[illegible]	[illegible].[illegible]
NNW	1.1	1.1	1.[illegible]	1.1	.[illegible]							5.[illegible]	[illegible].5
VARBL													
CALM												[illegible].4	
	1.[illegible]	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].2	.[illegible]	.[illegible]					[illegible].[illegible]	[illegible].

TOTAL NUMBER OF OBSERVATIONS [illegible]2[illegible]5

3

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7	LAKEHURST, NJ	73-75	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2		2.2									4.4	4.8
NNE		1.1										1.1	5.0
NE	1.1		1.1									2.2	6.5
ENE													
E		2.2	1.1									3.3	6.7
ESE	2.2											2.2	2.5
SE		1.1										1.1	4.0
SSE	1.1											1.1	3.0
S	3.3	3.3										6.7	3.5
SSW			2.2									2.2	7.0
SW	1.1	2.2	3.3									6.7	5.7
WSW	3.3	3.3	4.4	1.1								12.2	6.2
W	5.6	4.4		3.3								13.3	5.8
WNW			1.1	1.1		1.1						3.3	15.0
NW	5.6	3.3	2.2	4.4								15.6	6.9
NNW	2.2	1.1										3.3	3.7
VARBL													
CALM												21.1	
	27.8	22.2	17.8	10.0		1.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 90

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | LAKEHURST, N.J. (STATION NAME) | 73-75 (YEARS) | APR (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	1.1	1.1									4.4	4.3
NNE	2.2	1.1										3.3	3.0
NE	1.1		2.2									3.3	5.7
ENE													
E		2.2										2.2	4.0
ESE	1.1	1.1										2.2	4.0
SE		1.1		1.1								2.2	9.5
SSE			1.1									1.1	3.0
S	1.1	2.2										3.3	3.7
SSW		1.1	1.1									2.2	6.0
SW		1.1	3.3									4.4	6.8
WSW	2.2	4.4	3.3									10.0	5.3
W	4.4	2.2	1.1	3.3	1.1							12.2	7.5
WNW	3.3	1.1	2.2	1.1			1.1					8.9	6.1
NW		2.7	1.1	2.2	1.1							11.1	8.1
NNW	1.1			1.1								2.2	6.5
VARBL													
CALM												26.7	
	15.9	25.6	16.7	8.9	2.2		1.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 90

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

747 (LAKEHURST, NJ) 73-82 APR

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	1.7	1.3	.7	.7								3.3	5.1
NNE	1.3	.7										2.0	3.0
NE	1.3	1.0	1.3									3.3	5.5
ENE	.7	2.3	1.0	.3								4.0	6.3
E	1.7	1.3	.7	.3								4.0	4.7
ESE	.3	1.3	.7	.7								3.0	7.3
SE	.7	.7	.3									1.7	5.2
SSE	.7	.7	.7	.3								2.0	5.3
S	1.3	1.3	1.0	.7								4.3	7.1
SSW	1.7	1.3	.7									3.3	4.7
SW	2.0	1.3	1.0	.3								4.7	5.0
WSW	3.3	3.0	3.7	1.3								10.0	6.5
W	2.7	3.3	2.3	2.0	.3							10.7	7.1
WNW	2.3	3.3	4.3	1.3	.3	.3						13.0	7.1
NW	1.0	3.3	2.7	2.3	.7							10.0	8.6
NNW	2.7	1.3	2.7	.3								7.0	5.4
VARBL													
CALM												13.7	
	24.3	27.0	23.0	10.3	1.3	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] LAKEHURST, N.J. 73-82 APR

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 13

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	2.7	.7								5.4	7.2
NNE	1.3	1.0	.7	.3								3.3	5.7
NE	.7	.3	.7	.7								2.3	6.2
ENE	1.7	.7	2.7	1.0								5.7	7.6
E	1.3	1.0	4.0	.7								6.7	7.3
ESE	.7	.3	1.3	.7								2.3	6.1
SE	1.3	1.3	2.0	.3								4.7	5.9
SSE		1.0	1.3	.3								2.3	7.3
S	.3	.7	1.7	1.3								4.0	7.5
SSW		.3	2.0	.3								3.3	7.3
SW		.7	1.7	2.0								4.3	10.1
WSW	1.3	1.3	1.7	2.7	.7							7.3	9.9
W	.7	3.3	5.3	5.3	.3	.7						15.7	10.0
WNW	1.7	3.3	4.7	4.0	1.0		.3					14.3	9.9
NW		3.0	4.3	3.3	1.7	.3						11.7	11.4
NNW	1.7	.7	3.0	1.7								6.7	8.5
VARBL													
CALM												1.7	
	11.3	19.3	39.0	24.7	3.7	1.0	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

197 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) APR (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	1.7	1.7	.3								3.7	6.6
NNE	.3	.7	.3									1.7	5.3
NE	.3	1.0	.7	.3								2.3	6.6
ENE		.7	1.3	.3								2.0	8.4
E	.7	.7	3.0	1.3								5.7	9.1
ESE	.7	.7	1.7									3.0	6.7
SE		1.3	2.7									3.7	6.5
SSE		.3	2.0	1.0								3.3	9.4
S	.3	1.7	2.7	1.0	.3	.3						6.3	10.2
SSW	.7	.7	.7	1.7								3.7	8.9
SW		1.7	2.3	1.7	.3							6.0	9.8
WSW	.3		.7	4.0	.7							5.7	12.5
W	.3	3.0	6.3	7.0	1.3	.3						15.0	10.5
WNW	.3	1.7	4.7	6.3	1.0	1.0						14.7	11.9
NW	.7	1.3	5.0	6.3	2.7	.3						16.3	11.9
NNW	.3	1.7	.3	1.3	.3							4.0	8.8
VARBL													
CALM												1.3	
	5.3	17.7	34.7	32.7	6.7	2.0						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

&U.S. GPO 1984 741 148: 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 | APR MONTH

[illegible] 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	1.5	1.0	1.1	.3								3.7	5.6
NNE	.7	.3	.7									1.7	5.7
NE		.7	.3									1.0	6.7
ENE		1.0	1.3	.7								2.7	7.1
E	.3	1.0	3.0									4.3	6.5
ESE	.3	.3	2.7									3.3	7.9
SE		2.3	3.7	.7								6.7	7.1
SSE	.7	1.7	4.1	1.7								7.4	6.7
S		2.3	4.7	3.7	.3							10.7	9.8
SSW		.3	.3	1.3	.7							2.3	12.1
SW		.7	1.7	1.3	.3							3.7	11.1
WSW	.7	.7	2.0	1.3								5.4	9.2
W	1.7	2.3	5.1	6.3	1.7							16.4	10.2
WNW	.3	1.0	2.7	5.7	1.7		.7					15.1	11.6
NW	.3	.7	3.1	6.0		1.3						13.7	12.5
NNW		1.3	3.1	1.3	.3							6.0	9.1
VARBL													
CALM												.7	
	5.3	16.7	43.1	28.3	4.3	1.3	.7					100.1	7.7

TOTAL NUMBER OF OBSERVATIONS 299

3

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 | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.1	.7									4.5	4.5
NNE	.3											.3	2.0
NE	1.7	1.4	.7									3.8	4.7
ENE		.7		.7								1.4	5.5
E		1.4	1.4									2.8	7.1
ESE	.7	1.7	.3	.3								2.8	5.6
SE	.3	6.1	1.7									7.7	5.7
SSE	2.7	.7	.7									3.7	4.1
S	7.3	3.4	3.1	.7								15.4	5.6
SSW	.7	1.7	2.7	1.0	.3							5.8	6.1
SW	1.3	1.7	.7									4.3	4.0
WSW	1.3	3.3	2.4									7.7	5.1
W	2.7	3.7	2.7	1.0								9.7	6.3
WNW	1.3	2.3	3.4	1.0		.3						8.3	7.6
NW	3.7	2.3	2.3	1.7	.3	.7						10.7	7.1
NNW	1.7	4.7	1.7	.7								8.7	5.5
VARBL													
CALM												7.8	
	27.4	40.5	21.4	5.4	.7	.7						100.2	5.5

TOTAL NUMBER OF OBSERVATIONS 299

3

SMOS

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 _____ HOURS (L S T) 22

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

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													

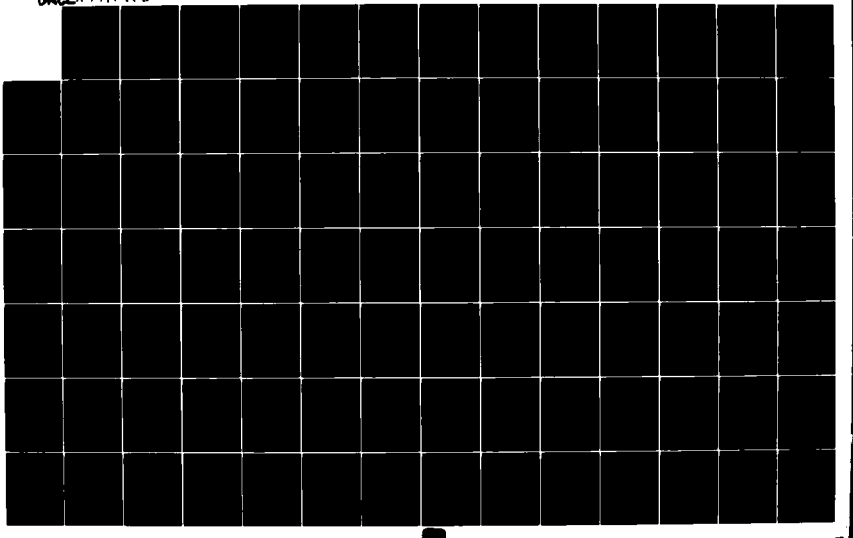
TOTAL NUMBER OF OBSERVATIONS _____

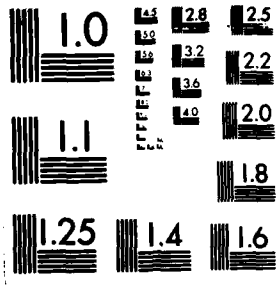
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SMOS

AD A150 449 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
LAKEHURST NEW JERSEY(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) MAY (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	1.1	3.2										4.3	4.0
NNE	1.1											1.1	2.0
NE	1.1											1.1	2.0
ENE	2.2	2.2	1.1	1.1								6.5	6.2
E	4.3	1.1										5.4	2.8
ESE	2.2	2.2										4.3	3.8
SE	1.1	3.2										4.3	4.3
SSE	2.2	1.1	1.1									4.3	4.0
S	2.2	2.2										4.3	3.8
SSW			2.2									2.2	8.0
SW	2.2	1.1										3.2	2.7
WSW	2.2	3.2	2.2									7.5	4.7
W	2.2	1.1	3.2									6.5	5.5
WNW	1.1		1.1									2.2	5.5
NW		2.2	1.1									3.2	5.3
NNW	2.2	3.2										6.5	3.8
VARBL													
CALM												33.3	
	22.2	25.8	11.8	1.1								170.0	2.9

TOTAL NUMBER OF OBSERVATIONS 93

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2											3.2	1.3
NNE		1.1										1.1	5.0
NE	5.4	1.1										6.5	2.7
ENE	2.2	4.3		1.1								7.5	5.3
E	4.3											4.3	2.3
ESE	3.2	3.2										5.4	3.6
SE	2.2	1.1	1.1									4.3	4.5
SSE			1.1									1.1	9.0
S	2.2											2.2	2.5
SSW	1.1	1.1										2.2	4.0
SW	1.1	3.2	1.1									5.4	5.4
WSW	5.4	2.2	1.1									8.6	3.3
W	1.1	3.2	3.2									7.5	5.9
WNW		1.1										1.1	5.0
NW	2.2	1.1										3.2	3.7
NNW	3.2	1.1		1.1								5.4	4.8
VARBL													
CALM												31.2	
	35.5	23.7	7.5	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 93

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

17 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) MAY (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	2.9	2.3										5.2	3.7
NNE	2.6	1.6	.3									4.5	3.2
NE	1.3	1.3	1.9									4.5	5.2
ENE	1.6	1.0	2.6									5.2	5.7
E	1.3	1.3	.6	.3								3.5	5.2
ESE	.6	1.6	.3									2.6	5.0
SE	1.3	1.9	1.6									4.8	5.1
SSE	1.3	1.6	1.3									4.2	4.9
S	2.3	1.9	.3	.3								4.8	4.1
SSW	1.3	.3	1.6	.3								3.5	6.2
SW	1.0	.6	1.9	.6								4.2	6.8
WSW	1.0	1.0	2.6									5.2	5.8
W	1.3	6.1	5.5	1.6								14.5	6.9
WNW	2.6	2.9	1.9	.3								7.7	5.3
NW	1.6	1.9	1.9	.6								6.1	5.7
NNW	1.6	2.6	.6	.6								5.5	5.4
VARBL													
CALM												13.2	
	29.1	30.6	25.2	8.8								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

17 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.0									3.9	5.1
NNE	1.0	1.9	1.0									3.9	5.0
NE	1.3	1.3	1.6									3.9	6.3
ENE	1.0	3.2	2.6	.6								7.4	6.2
E	1.0	3.2	2.6	1.3								8.1	7.2
ESE	1.6	1.6	1.0									4.2	4.6
SE	.3	1.9	2.3									4.5	6.6
SSE	.3	1.6	1.3	1.3								4.5	7.7
S	.3	1.3	1.3	1.0	.3							4.2	7.8
SSW		.6	1.0	.6								2.3	8.9
SW	1.3	.3	2.9	1.3								5.8	7.7
WSW		1.0	3.2	.6								4.8	8.5
W	3.5	3.2	6.5	2.6	.3	.3						16.5	7.8
WNW	1.6	1.6	4.2	1.3								8.7	7.2
NW	.3	1.3	4.8	2.3	.3							9.0	9.4
NNW	.6	1.9	1.0	.6								4.2	6.8
VARBL													
CALM												4.2	
	14.8	28.1	38.1	13.5	1.0	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 310

5-3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] LAKEHURST, NJ 73-80 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 17

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	.3									2.3	5.7
NNE	.3	1.3	.3									1.9	5.0
NE		1.6	1.3	.3								2.9	6.9
ENE	.3	1.9	3.5	1.3								6.5	7.6
E	1.6	3.2	1.2	.3								7.1	5.9
ESE	.3	3.5	2.3	.3								6.5	6.3
SE	1.3	1.3	3.2	.6								6.8	7.3
SSE	.6	1.0	1.9	2.6								6.1	8.7
S	.6	1.0	1.9	1.3								4.3	8.5
SSW		1.3	1.0	.6	.3							2.9	9.6
SW	.3	1.0	1.9	1.9	.3							5.5	10.4
WSW		.3	3.2	1.6								5.2	9.6
W	1.6	3.2	5.2	3.5	.6	.3						14.5	9.1
WNW	.6	1.9	4.2	2.9	.3							10.0	9.6
NW	.3	3.2	4.5	1.3	.3							10.3	8.2
NNW	.3	1.6	2.3	.6								4.8	7.5
VARBL													
CALM												1.6	
	8.1	29.7	39.4	19.0	1.9	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 310

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

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14786 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) MAY (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	.6	.5	.6									1.9	5.2
NNE		.3	1.0									1.3	6.5
NE	.6	.6	.6									1.9	5.2
ENE		1.5	1.9	.3								3.9	7.3
E	1.0	5.2	3.5	.3								10.0	5.9
ESE	1.0	2.6	1.9									5.5	5.8
SE	.6	4.5	5.9	.6								11.6	6.9
SSE	.4	1.0	3.5	1.3								6.5	8.5
S	.3	1.0	2.9	3.9	.3	.3						8.7	10.5
SSW			2.3	1.9								4.2	10.9
SW		.3	.6	1.3								2.3	10.7
WSW		1.3	1.9	1.0								4.2	8.2
W	.3	2.9	5.3	4.8	.3	.3						14.5	9.8
WNW	.3	1.3	4.9	3.9	.3							10.6	9.8
NW	.3	1.9	1.0	1.9	.3	.3						5.8	10.0
NNW	.3	.6	1.6	1.6								4.2	9.5
VARBL													
CALM												2.9	
	6.1	25.8	40.0	22.9	1.3	1.0						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14734 (STATION) LAKEHURST, NJ (STATION NAME) 73-80 (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	1.0		.3									1.3	4.0
NNE	.3											.3	2.0
NE	.6	.3	.6	.3								1.9	7.3
ENE	1.0	1.6	1.3									3.9	5.3
E	1.9	3.2	1.0									6.1	6.8
ESE	3.9	4.8	.6									9.4	3.9
SE	1.6	2.6	.3									4.5	4.0
SSE	3.2	4.5	1.6	.3								9.7	5.1
S	4.5	7.4	5.2	1.3								18.4	5.6
SSW	.6	2.3	1.9									4.8	5.5
SW	.6	1.9	1.0									3.5	5.6
WSW	1.3	3.5	1.0									5.8	4.7
W	2.3	3.2	2.3	1.0								9.4	5.9
WNW	.6	2.3	1.0									3.9	5.5
NW	1.6	1.9	1.3	.6								5.5	6.5
NNW	1.3	1.6		1.0								3.9	6.2
VARBL													
CALM												7.7	
	27.1	41.3	19.4	4.5								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1073	LAKEHURST, NJ	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	.3									3.5	4.4
NNE	1.3	.6										1.6	3.6
NE		.3										.3	4.0
ENE	1.6	1.6	1.3	.6								4.9	5.7
E	3.2	1.9										5.2	3.0
ESE	2.3	1.3	.6									3.9	4.2
SE	2.6	1.3										3.9	2.8
SSE	2.6	2.6		.3								5.5	4.4
S	5.8	2.9	1.6	.3								10.6	4.1
SSW	3.2	2.3	1.6	.6								7.7	4.7
SW	3.9	1.9	1.3									7.1	4.3
WSW	3.2	1.6	.6	.3								5.8	4.3
W	2.3	1.9	1.6	.6								6.5	5.5
WNW	.3	1.3		.3								1.9	5.7
NW	2.3	1.6		.3								4.2	4.0
NNW	.6	1.6	.3	.3								2.9	5.3
VARBL													
CALM												24.5	
	35.1	26.5	9.0	3.9								100.3	3.3

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1471 LAKEHURST, NJ 73-82 MAY

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	1.2	1.0	.4									3.2	4.3
NNE	.8	.9	.4									2.2	4.3
NE	.9	.9	.9	.1								2.7	5.6
ENE	1.0	2.0	2.0	.5								5.5	6.2
E	1.9	2.2	1.5	.3								6.5	5.4
ESE	1.7	2.5	1.0	.0								5.3	4.8
SE	1.3	2.2	2.2	.2								5.9	5.2
SSE	1.4	1.9	1.6	.9								5.8	6.4
S	2.3	2.4	2.0	1.2	.1	.0						8.1	6.4
SSW	.6	1.0	1.5	.6	.0							4.1	7.0
SW	1.2	1.1	1.5	.8	.0							4.7	7.0
WSW	1.3	1.6	2.1	.5								5.4	6.3
W	2.0	3.3	4.3	2.2	.2	.1						12.1	7.7
WNW	1.0	1.2	2.5	1.3	.1							6.5	7.8
NW	1.1	2.1	2.1	1.1	.1	.0						6.5	7.5
NNW	1.0	1.7	.9	.8								4.4	6.5
VARBL													
CALM												11.1	
	20.8	29.8	26.8	10.6	.6	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2046

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LAKEHURST, NJ	73-75	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	1.1										5.6	2.6
NNE	4.4											4.4	2.8
NE		2.2										2.2	4.5
ENE	1.1		1.1									2.2	4.5
E		2.2	1.1									3.3	6.3
ESE	1.1											1.1	2.0
SE	3.3	2.2	1.1									6.7	4.2
SSE	3.3	1.1										4.4	2.8
S	4.4	2.2	2.2									8.9	4.1
SSW		3.3	2.2									5.6	5.4
SW	3.3	3.3										6.7	3.5
WSW	3.3	4.4	1.1									8.9	4.3
W		6.7										6.7	4.3
WNW	1.1	2.2										3.3	3.3
NW													
NNW													
VARBL													
CALM												30.0	
	30.0	31.1	8.9									100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 90

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4											4.4	2.7
NNE	4.4											4.4	2.0
NE	4.4	1.1	1.1									6.7	3.2
ENE	3.2	1.1										4.3	2.3
E	3.2		2.2									5.6	4.4
ESE	1.1											1.1	3.0
SE	1.1	3.3										4.4	4.5
SSE	1.1		1.1									2.2	6.5
S	3.3	2.2										5.6	4.0
SSW	1.1	2.2										3.3	4.3
SW	3.3	2.2	1.1									6.7	4.2
WSW	2.2	3.3										5.6	4.0
W		3.3										3.3	4.3
WNW	3.3	2.2	1.1									6.7	3.5
NW	2.2	2.2										4.4	4.0
NNW	1.1	1.1										2.2	3.0
VARBL													
CALM												10.0	
	35.9	24.4	6.7									100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 90

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION | LAKEHURST, NJ / STATION NAME | [illegible] / YEARS | JUN / 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.[illegible]	.7	.7									5.[illegible]	3.1
NNE	.[illegible]	1.3										3.7	2.4
NE	.3	.7	1.[illegible]									4.[illegible]	3.7
ENE	1.7	2.3		.7								4.3	4.2
E	1.[illegible]	1.7	1.0									3.7	4.7
ESE	1.[illegible]	.3										1.7	3.0
SE	1.[illegible]	1.3										2.7	3.6
SSE	1.[illegible]	1.7	.7									3.3	4.7
S	1.7	2.3	1.[illegible]									5.[illegible]	4.8
SSW	[illegible].[illegible]	3.7	1.[illegible]									7.[illegible]	4.5
SW	[illegible].[illegible]	2.[illegible]	2.[illegible]									7.[illegible]	4.9
WSW	2.3	3.[illegible]	2.3									8.[illegible]	5.3
W	1.7	4.3	4.7	.3								13.[illegible]	5.4
WNW	1.[illegible]	2.3	2.[illegible]	.3								6.7	6.5
NW	1.[illegible]	[illegible].[illegible]	1.7									4.[illegible]	5.2
NNW	[illegible].7	1.3	.7									4.7	3.9
VARBL													
CALM												12.[illegible]	
	[illegible].[illegible]	34.0	20.0	1.0								[illegible].[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION [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	.7	2.7										3.7	3.5
NNE	1.3	1.0										2.3	3.3
NE	1.7	1.0	1.7	.3								4.7	5.9
ENE	1.3	2.7	1.3									5.3	4.9
E	2.0	2.7	1.7	.3								6.7	5.5
ESE	1.7	3.0	1.0									5.7	4.6
SE	.7	1.0	1.7									3.0	6.7
SSE	1.0	1.3	1.0	.3								4.0	5.5
S	.7	1.7	3.3	.3								6.0	6.8
SSW	.7	3.0	2.0	.3								6.0	6.2
SW	1.0	.3	3.7	.7								5.7	7.3
WSW	1.3	2.3	2.0	1.3								7.0	6.7
W	2.3	5.0	5.3	2.3								15.0	6.7
WNW	1.7	2.0	4.7	2.0								10.3	6.0
NW	.3	2.3	4.3	1.0								7.7	7.7
NNW		1.7	2.0									3.7	7.4
VARBL													
CALM												4.0	
	19.7	32.3	36.3	8.7								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 77-82 (YEARS) JUN (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	1.3										2.0	3.8
NNE		2.0	.7									2.3	5.4
NE	.3		.7									1.0	6.7
ENE	1.0	2.0	2.3	.7								7.0	6.4
E	1.7	3.7	1.0	.7								6.7	5.7
ESE	.7	3.3	3.3									7.4	6.0
SE	.3	2.0	3.3	.3								6.0	6.9
SSE		3.3	2.0									4.3	6.8
S	.7	2.0	2.7	1.0								6.0	7.9
SSW	.7	.7	2.0	1.3								4.7	8.7
SW	.3	2.3	2.3	2.0								7.0	7.9
WSW	.3	2.7	3.7	1.7								8.4	7.7
W	1.7	2.3	7.7	4.0								15.4	8.7
WNW	.7	1.0	4.0	3.7	.3							9.4	9.7
NW			4.3	2.0								6.4	10.1
NNW	.7	1.3	2.0									4.0	6.0
VARBL													
CALM												2.0	
	9.4	30.1	41.5	16.7	.3							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

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) LAKEHURST, N.J. (STATION NAME) 73-82 (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	.3	1.7										2.0	4.7
NNE	.7	.3										1.0	2.7
NE		1.7	.7									2.0	4.7
ENE	.7	.7	.7	.7								2.7	7.4
E	1.0	4.0	3.7									8.7	6.2
ESE	.3	3.7	2.3									6.7	5.7
SE	.3	3.7	5.0	.3								9.3	6.9
SSE	.7	2.3	2.7	1.7								7.3	7.2
S	.7	1.3	3.7	4.3								10.0	9.8
SSW	.3	.7	4.0	1.3								6.3	8.5
SW	.3	1.3	1.7	1.0								4.0	7.8
WSW	.7	2.0	4.3	1.3								8.0	8.3
W	1.0	1.7	5.7	4.0								12.3	9.2
WNW	.3	.7	5.0	2.3	.3							8.7	9.3
NW	.3	1.0	2.3	1.0								4.7	8.1
NNW	.7	.7	3.0	.3								4.7	7.4
VARBL													
CALM												2.0	
	8.3	27.3	44.0	18.3	.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NOS GPO 1984 741-348 (20)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) JUL (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	1.0	.7	.3									2.0	3.3
NNE	1.7	.7										2.0	3.5
NE	.3											.3	3.0
ENE	1.7	.7	.3	.3								3.0	4.8
E	1.0	2.7	1.3									5.0	5.6
ESE	2.0	2.0	.7									5.7	3.8
SE	2.3	3.3	.3									6.0	3.9
SSE	3.7	7.4	2.3	.3								13.7	5.0
S	2.0	6.4	7.0	.7								16.1	6.4
SSW	1.7	3.7	1.7									6.7	4.9
SW	1.0	3.7	2.3									7.0	5.8
WSW	1.7	1.0	1.0									3.7	4.4
W	4.0	2.3	1.3									7.7	4.1
WNW	.7	3.0	1.0	.7								5.4	6.3
NW	.7	2.0	.3									3.0	4.7
NNW	1.7	1.7	.3									3.7	4.1
VARBL													
CALM												9.0	
	27.4	41.1	20.4	2.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 299

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7 STATION | LAKEHURST, NJ STATION NAME | 73-82 YEARS | JUN MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) D.D.	1 - 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	1.0	.3									2.7	4.0
NNE	.7	.7										1.3	3.3
NE	1.0	.7										1.7	3.2
ENE	1.7	1.0	.7									3.3	4.1
E	2.7	.3	.7									3.7	3.8
ESE	1.3	.7	.3									2.3	3.8
SE	2.0	.7	1.0									3.7	4.3
SSE	5.0	1.7	1.0									7.7	3.7
S	6.0	5.0	2.7									13.7	4.2
SSW	2.0	3.0	2.0	.3								7.3	5.3
SW	2.3	2.0	.7									5.0	3.9
WSW	2.0	2.7	.7									5.0	4.0
W	1.7	2.3	.7	.3								5.0	4.7
WNW	2.3	1.0	.7	.3								4.3	4.4
NW	.7	1.0	.3	.3								2.3	5.3
NNW	1.7		.3									2.0	3.5
VARBL													
CALM												29.0	
	34.3	23.7	11.7	1.3								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 300

AUS GPO 1984 741 148 201

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1[illegible] (STATION) LAKEHURST, NJ (STATION NAME) 73-80 (YEARS) JUN (MONTH)

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

(CONDITIONS)

SPEED (KNTS) DIR.	1 - 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	1.7	.2									3.1	3.4
NNE	1.3	.2	.1									2.3	3.5
NE	1.1	.8	.6	.1								2.5	4.5
ENE	1.4	1.6	.9	.3								4.1	5.2
E	1.5	2.3	1.6	.1								5.6	5.4
ESE	1.4	2.0	1.2									4.5	4.8
SE	1.2	2.1	1.8	.1								5.2	5.6
SSE	2.0	2.6	1.5	.4								6.4	5.8
S	3.1	3.0	3.2	1.0								9.3	6.4
SSW	1.2	2.3	2.0	.5								6.0	6.1
SW	1.5	2.0	1.9	.6								6.0	6.0
WSW	1.5	2.5	2.1	.7								6.7	6.2
W	2.2	3.2	3.3	1.6								10.3	6.8
WNW	1.2	1.7	2.3	1.4	.1							7.2	7.6
NW	.6	1.8	2.0	.7								5.1	7.0
NNW	1.2	1.1	1.4	.1								3.7	5.8
VARBL													
CALM												11.5	
	21.0	31.1	27.0	7.3	.1							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1978

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

197 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) JUL (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	2.2											2.2	2.0
NNE	1.1	1.1										2.2	3.5
NE													
ENE													
E		1.1										1.1	4.0
ESE													
SE													
SSE													
S	3.3	6.5										10.4	4.0
SSW	4.3	4.3	4.3									12.9	5.2
SW	1.1	1.1	1.1									3.2	5.0
WSW	3.4	4.3										9.7	3.2
W	4.3	2.2										6.5	2.8
WNW	3.2											3.2	2.0
NW	1.1	2.2	1.1									4.3	5.5
NNW	2.2	2.2										4.3	3.5
VARBL													
CALM												34.8	
	22.0	24.7	6.5									100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 91

3

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)

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		1.1										1.1	5.0
NE													
ENE													
E													
ESE	1.1											1.1	2.0
SE													
SSE	1.1											1.1	2.0
S	4.3	3.2	2.2									9.7	4.7
SSW	3.2	3.2										6.5	3.3
SW	3.2	3.2	3.2									9.7	5.1
WSW	3.4	2.2										7.5	2.7
W	6.5	3.2	1.1									10.9	3.4
WNW	3.2	1.1										4.3	2.8
NW	2.2											2.2	2.0
NNW	4.3	4.3										8.6	3.1
VARBL													
CALM												37.6	
	34.4	21.5	6.5									100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 93

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

--7 (STATION) LAKEHURST, NJ (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	4.8	3.5	.3									8.7	3.5
NNE	1.3	.3	.3									1.9	3.7
NE	1.4	.3										1.6	2.4
ENE	.6	1.6	.3									2.6	4.6
E	1.7	1.3										2.3	3.4
ESE	1.7	1.3	.3									2.3	4.4
SE	.6	1.0										1.6	3.4
SSE	.6	.6										1.3	4.0
S	2.6	1.3	.6	.3								4.8	4.5
SSW	2.9	1.9	1.3									6.1	4.4
SW	2.3	3.6	2.6									8.4	5.6
WSW	1.9	5.2	1.3									8.4	4.7
W	2.9	7.4	2.9									14.2	4.9
WNW	1.9	2.3	1.9									6.1	5.2
NW	2.3	3.2	2.9	.3								8.7	5.3
NNW	2.6	2.6	.3									5.5	3.8
VARBL													
CALM												15.5	
	31.6	37.1	15.2	.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) JUL (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	1.7	3.5	1.3									6.9	4.7
NNE	1.3	3.2	.3									4.5	4.9
NE	1.0	1.0										1.9	3.8
ENE	.6	2.3	.3									3.2	4.9
E	.6	1.9	1.0									3.5	5.5
ESE	.3	1.6	.6									2.6	5.4
SE	1.3	1.9	1.6									4.5	5.4
SSE	.3	2.3	.6									3.2	5.0
S	1.3	2.6	1.0	.3								4.9	5.9
SSW	.6	1.3	1.9	.6								4.5	6.7
SW	.3	1.9	2.9									5.5	6.8
WSW	1.0	3.5	3.9	1.0								9.4	6.8
W	1.9	7.1	6.5	.6								16.1	6.4
WNW	.6	3.2	3.2	1.0								8.1	7.1
NW	1.3	2.6	2.6	.6								7.1	6.4
NNW	1.3	3.5	3.9	.3								9.0	6.5
VARBL													
CALM												5.2	
	19.2	43.2	31.9	4.5								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7 (STATION) LAKEHURST, NJ (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	1.3	2.6	.6									4.5	4.5
NNE	.6	1.9	.6									3.2	4.7
NE	.7	1.3										1.6	4.4
ENE	.6	1.0	.3									1.9	4.7
E		2.9	2.3	.3								5.5	6.8
ESE	.3	2.9	1.6									4.9	5.8
SE	.3	1.3	2.6									4.2	6.3
SSE	.3	1.6	1.6									3.5	5.1
S	.3	2.3	3.2									5.3	7.1
SSW		2.3	2.6	1.0								5.9	7.9
SW	.3	1.6	2.9	.6								5.5	7.7
WSW	.6	3.2	7.8	1.6								13.3	7.9
W	2.6	2.9	6.5	1.3	.3							13.9	7.1
WNW	.6	4.2	3.2	1.9								10.7	7.5
NW		1.6	3.2	1.3								6.5	7.9
NNW	1.3	2.3	2.6									6.1	5.8
VARBL													
CALM												1.0	
	13.0	35.2	47.2	7.8	.3							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 309

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LAKEHURST, NJ	73-82	JUL
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	1.0	1.3	1.3									3.5	5.1
NNE		1.0										1.6	6.0
NE		1.1										1.7	5.3
ENE	.7	.6	1.6									2.9	6.3
E	.3	.3	.6	.6								1.9	6.3
ESE	.4	2.0	2.6									5.0	6.1
SE		1.1	3.6	.3								7.7	7.0
SSE	.6	3.9	5.5									9.0	6.5
S	.3	3.3	4.5	1.9								9.9	8.4
SSW	.6	.6	3.9	1.3								6.5	8.2
SW		.3	3.2	.3								4.7	8.3
WSW	.3	2.3	5.5	1.6		.3						10.0	8.6
W	.7	2.9	7.8	2.9								13.5	8.4
WNW	.6	2.3	4.5	2.6								10.0	8.3
NW		2.3	2.9	.6								5.8	7.8
NNW	.3	1.9	1.6	.3								4.5	6.8
VARBL													
CALM												1.7	
	5.3	31.3	49.0	12.6		.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 312

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	77-82	JUL

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	.[illegible]	1.[illegible]	.[illegible]									1.[illegible]	4.[illegible]
NNE	1.[illegible]	.3	.[illegible]									1.[illegible]	[illegible].[illegible]
NE													
ENE	.[illegible]	1.0										1.[illegible]	4.3
E	.[illegible]	1.9	.[illegible]	.[illegible]								3.[illegible]	6.1
ESE	1.[illegible]	1.[illegible]										3.[illegible]	3.[illegible]
SE	1.[illegible]	4.[illegible]										6.[illegible]	4.3
SSE	[illegible].[illegible]	[illegible].7	1.[illegible]	.3								13.9	4.5
S	[illegible].[illegible]	[illegible].7	4.[illegible]	.3								18.1	[illegible].[illegible]
SSW	1.3	1.[illegible]	4.[illegible]									7.4	6.4
SW	[illegible].[illegible]	4.[illegible]	.3	.3								7.4	4.6
WSW	[illegible].[illegible]	3.9	.3									7.1	3.9
W	4.[illegible]	4.2	1.6	.3								10.3	4.6
WNW	[illegible].[illegible]	1.[illegible]	1.0									4.8	4.1
NW	1.[illegible]	1.[illegible]	.[illegible]									4.[illegible]	4.[illegible]
NNW	.[illegible]	1.3										1.[illegible]	4.[illegible]
VARBL													
CALM												6.3	
	31.[illegible]	45.[illegible]	14.[illegible]	1.6								1[illegible]0.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 31[illegible]

SMOS

U.S. GPO 1984 741 348: 20[illegible]

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | LAKEHURST, NJ (STATION NAME) | 72-97 (YEARS) | JUL (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	2.6											2.6	2.7
NNE													
NE													
ENE	1.3	.7										1.3	2.1
E	1.3	.4	.3									2.3	4.2
ESE	1.3	.3										1.3	2.3
SE	2.2	1.6										3.5	3.7
SSE	2.2	1.9	.3									4.5	2.9
S	4.5	4.3	1.9									11.7	4.2
SSW	5.2	5.5	1.9									10.7	4.1
SW	5.5	3.6	.6									9.7	3.5
WSW	3.3	2.8	.6	.3								7.1	4.4
W	2.2	.5	.3									4.9	3.3
WNW	1.3	1.7										3.2	3.1
NW	.9	1.3	.7	.3	.3							2.6	7.5
NNW	1.3	1.9										3.4	3.3
VARBL													
CALM												20.4	
	37.5	35.2	5.5	.9	.7							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

ACY (STATION)	EARTHGRST, NJ (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	[illegible]	1.4	.6									4.3	4.2
NNE	.8	1.1	.3									2.2	4.5
NE	.4	.5										.9	3.9
ENE	.4	1.1	.1									2.4	4.9
E	.4	1.3	.7	.3								3.3	5.7
ESE	.4	1.1	.5									3.1	5.4
SE	1.1	2.1	1.2	.5								4.4	[illegible]
SSE	1.7	2.6	1.4	.5								5.7	[illegible]
S	2.7	3.6	2.9	.4								9.1	5.5
SSW	1.8	2.6	2.4	.4								7.1	5.9
SW	1.8	2.3	2.2	.2								6.6	5.6
WSW	2.1	3.4	2.3	.7		.1						9.1	6.1
W	3.0	4.1	3.9	.8	.0							11.3	6.0
WNW	1.8	2.2	2.3	.5								6.4	6.4
NW	1.3	2.1	2.1	.4	.0							5.6	6.3
NNW	1.4	2.3	1.7	.1								5.2	5.1
VARBL													
CALM												12.4	
	25.2	35.1	29.7	4.2	.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 2944

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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	1.1	1.1										2.2	3.5
NNE	.4											5.4	2.0
NE	1.1											1.1	2.0
ENE	1.1	1.1	3.2									5.4	6.2
E	.2											2.2	3.0
ESE		1.1										1.1	5.0
SE	1.1											1.1	2.0
SSE	.3											2.2	2.0
S	.2											3.2	2.3
SSW	.2	.2	1.1									7.5	4.1
SW	.2	2.2	1.1									5.4	4.2
WSW	.4	1.1										4.3	2.8
W	.2	1.1	1.1									5.4	3.8
WNW	.2											3.2	2.0
NW	.4											2.2	2.5
NNW	.2											2.2	2.0
VARBL													
CALM												46.2	
	30.6	10.8	6.5									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS: 92

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

747 (STATION) LANTIRN ST. NM (STATION NAME) 73-75 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 24 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4											5.4	2.0
NNE	2.2											3.2	2.7
NE			1.1									1.1	9.0
ENE	1.1		1.1									2.2	4.5
E		1.1										1.1	6.0
ESE	1.1											1.1	2.0
SE	1.1	1.1										2.2	3.0
SSE	1.1		1.1									2.2	4.5
S	1.1											1.1	3.0
SSW	4.3	1.1	1.1									6.5	3.5
SW	1.1	1.1										2.2	4.5
WSW	3.4	1.1	1.1									7.5	3.7
W	11.3	1.1	1.1									12.9	2.6
WNW	5.4											5.4	1.6
NW	1.1											1.1	1.0
NNW	1.1	1.1										2.2	3.0
VARBL													
CALM												43.0	
	43.3	7.5	6.5									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 93

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1w7- [illegible] [illegible] AUG
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]	1.2										5.8	3.1
NNE	1.4	.2										2.3	2.7
NE	1.6	1.3	.4									3.2	4.4
ENE	1.2	1.5	.3									4.2	4.2
E	1.4	.6	.2									2.2	3.6
ESE	.6	.3										1.0	2.7
SE	.2	.3										.5	3.0
SSE	1.0	.3	.3									1.6	3.8
S	2.0	1.6	.6									4.4	4.0
SSW	2.3	2.2	1.0									6.5	4.1
SW	3.2	2.3	1.3									7.4	3.9
WSW	3.2	4.2										7.7	3.7
W	3.2	3.2	1.6	.3								8.7	4.6
WNW	2.2	4.5	.3									7.7	4.0
NW	4.2	2.2	1.0									8.4	3.6
NNW	1.6	1.2	.3									3.2	3.9
VARBL													
CALM												23.2	
	37.4	31.2	7.7	.3								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 312

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LANGHURST, NJ (STATION NAME) 73-82 (YEARS) AUG (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	2.8	3.2	1.0									6.5	4.6
NNE	2.6	2.3	.6									5.5	3.8
NE	1.0	.3	1.0									2.9	5.9
ENE	1.3	2.9	1.3	.3								5.8	5.4
E	1.0	3.5	2.6	.3								7.4	6.3
ESE	1.0	1.0										2.0	3.9
SE		1.3	.6									1.9	5.5
SSE	.3	.6	1.0									1.9	5.3
S	1.9	3.5	1.9									7.4	4.9
SSW	.3	2.3	1.6	1.0								5.2	6.9
SW	1.9	1.9	3.2	.6								7.7	6.3
WSW	.6	2.6	4.2									7.4	6.8
W	2.3	4.2	3.2	1.6								11.3	6.9
WNW	1.3	4.2	1.9	.3								7.7	6.0
NW	2.3	3.5	1.6	.3								7.7	5.2
NNW	.6	2.9	1.3	.3								5.5	5.9
VARBL													
CALM												5.7	
	20.6	41.6	27.7	4.8								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, N.J (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

23 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.6									2.9	4.4
NNE	.4	1.6	.7									2.6	4.8
NE	1.3	1.3	.3									2.6	4.1
ENE	.4	1.9	2.9	.3								5.4	6.8
E	1.3	2.4	1.9	.3								5.8	5.5
ESE	1.3	2.0	1.0									4.8	4.7
SE	.3	4.2	.7	.3								5.2	5.6
SSE		.6	1.0									1.6	6.8
S	.6	1.3	3.2	.6								5.8	7.4
SSW	.3	2.3	1.3	.3								4.2	6.6
SW	.6	3.5	3.2	.3								7.7	6.9
WSW	.3	3.2	3.2	1.3								8.7	7.5
W	2.4	5.2	6.8	3.9								18.4	7.4
WNW	1.3	4.5	2.6	.3								9.4	5.8
NW	.6	2.6	1.0	1.3								5.5	7.6
NNW	1.6	2.9	1.9	.3								6.3	5.5
VARBL													
CALM												2.3	
	13.2	41.9	32.3	9.4								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) AUG (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	1.0	1.3		.3								2.6	5.6
NNE	.0	1.3										1.9	4.2
NE	.6	.6	.5									1.9	5.7
ENE	.6	1.2	.6	.3								2.6	6.3
E	.6	3.6	2.3	.3								6.9	6.0
ESE	.6	2.3	1.0									3.9	5.5
SE	1.3	6.1	2.6									10.0	5.8
SSE		1.9	4.5									6.5	7.3
S	.6	1.3	4.3	.6								7.4	7.5
SSW	1.3	1.6	2.6	.6								6.1	6.7
SW		1.0	3.2	.3								4.5	7.6
WSW	.3	3.6	3.2	1.0								8.7	7.0
W	1.0	4.5	5.2	2.6								13.3	7.6
WNW	1.3	3.2	2.3	.6								7.4	6.5
NW	.3	3.2	3.2	.6								7.4	6.9
NNW	.3	3.6	.6	.3								4.9	5.5
VARBL													
CALM												2.9	
	10.7	41.1	37.5	7.8								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

NJT (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) AUG (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	1.3	.3										2.3	2.1
NNE	.3	.6	.3	.3								1.6	7.3
NE	.3	1.3										1.3	3.7
ENE	2.4	.6	.3									3.6	3.3
E	2.4	1.3	.3									4.3	3.5
ESE	2.6	1.3										3.9	3.7
SE	5.3	2.3										7.4	3.1
SSE	5.5	2.6	1.3									10.3	3.6
S	7.4	7.9	2.6									18.9	4.1
SSW	1.6	2.9	1.3									5.8	4.9
SW	2.3	2.3	.3	.3								5.3	4.2
WSW	1.3	1.3	.3									2.6	3.6
W	4.5	1.3										5.8	2.8
WNW	3.4	1.3	.3									5.3	3.2
NW	1.3	1.3	.3									2.6	3.5
NNW	1.3	.3	.3									1.9	3.8
VARBL													
CALM												16.9	
	47.3	29.3	7.4	.6								100.3	3.1

TOTAL NUMBER OF OBSERVATIONS 309

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LAKEHURST, NJ	72-82	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.7									1.6	5.0
NNE	.3	.6										1.3	3.8
NE	.3											.3	2.0
ENE	1.3	.9	1.3									3.9	5.2
E	.3	.6										1.0	4.0
ESE	1.3		.3									2.3	2.7
SE	1.6	.6										2.3	3.0
SSE	1.6	1.0										2.6	3.4
S	7.1	2.9	.3									10.4	3.2
SSW	3.6	4.9	1.6									9.1	4.6
SW	2.3	2.6	1.3									6.2	4.7
WSW	2.3	1.9	.3	.3								5.2	4.6
W	3.2	2.6	.6									6.5	3.5
WNW	1.3	1.0	.3									3.2	3.4
NW	1.3	1.3	.3									4.2	4.2
NNW	1.9	.3				.3						2.6	5.3
VARBL													
CALM												78.3	
	31.3	22.4	6.8	.3		.3						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 308

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.4	.7	.3								3.6	3.9
NNE	1.6	1.0	.2	.3								2.7	3.9
NE	.8	.7	.3									1.8	4.7
ENE	1.4	1.6	1.3	.1								4.3	5.3
E	1.2	1.9	1.1	.1								4.4	5.3
ESE	1.2	1.4	.7									3.3	4.5
SE	1.4	2.5	.8	.5								4.3	4.6
SSE	1.6	1.1	1.2									3.9	4.8
S	3.4	2.3	2.1	.2								8.5	4.8
SSW	1.4	2.3	1.3	.3								6.2	5.3
SW	1.8	2.2	2.3	.2								6.3	5.5
WSW	1.7	2.4	2.3	.4								6.7	5.7
W	1.2	3.3	2.7	1.3								10.5	5.8
WNW	2.4	2.0	1.2	.2								6.6	4.9
NW	1.3	2.4	1.1	.3								5.6	5.3
NNW	1.3	1.3	.7	.1		.1						4.5	5.1
VARBL													
CALM												17.7	
	23.7	32.1	18.7	3.5		.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2542

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (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	2.2	1.1										3.3	3.0
NNE	2.2	3.3										5.6	3.4
NE	2.2		2.2									4.4	4.5
ENE	2.2		1.1									3.3	4.7
E	1.1	2.2										3.3	4.7
ESE		1.1										1.1	4.5
SE													
SSE	2.2											3.3	2.0
S	1.1		1.1									2.2	5.5
SSW	1.1	2.2		1.1								4.4	5.5
SW	2.2	1.1										3.2	3.7
WSW	2.2	2.2										5.6	3.2
W	1.1	2.2										3.3	3.3
WNW	3.6			1.1								6.7	4.7
NW	2.2	1.1	4.4									8.9	5.4
NNW	2.2	1.1										4.4	2.8
VARBL													
CALM												36.7	
	34.4	17.8	8.9	2.2								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 90

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) [illegible] (STATION NAME) 73-75 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 04 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.2										5.6	3.5
NNE	1.1	1.1										2.2	2.5
NE	3.3		1.1									4.4	3.5
ENE	2.2		1.1									3.3	5.3
E	1.1	1.1										2.2	3.5
ESE	1.1	2.2										3.3	4.3
SE	1.1	1.1										2.2	4.0
SSE	1.1											1.1	2.0
S	3.3	1.1										4.4	2.5
SSW	2.2			1.1								3.3	4.0
SW	1.1											1.1	2.0
WSW	1.1	2.2										3.3	3.7
W	3.3	1.1										4.4	2.8
WNW	4.4	1.1	1.1									6.7	3.8
NW	3.4	1.1	1.1									4.7	3.2
NNW		3.3	1.1									4.4	3.5
VARBL													
CALM												1.1	
	34.4	17.8	5.6	1.1								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 92

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7 (STATION) LAKEHURST, NJ (STATION NAME) 72-81 (YEARS) SEP (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	1.7	3.7										5.3	3.5
NNE	3.3	1.0										4.3	2.5
NE	1.7	1.3	1.7									4.7	4.9
ENE	3.0	.7	1.3									5.0	5.0
E	.7	1.7	.3									2.7	5.1
ESE	1.0	.7										1.7	3.4
SE	.3	1.0										1.3	4.3
SSE	1.3	1.3	.3									3.0	4.3
S	.7	.3	.7		.3							1.7	7.0
SSW	1.3	2.0	.7	.3								3.7	5.3
SW	1.3	1.7	.7	.3								3.7	5.5
WSW	1.3	2.7	.3									4.3	3.7
W	5.3	5.7	1.3	.7								12.7	4.3
WNW	2.7	2.7	.7									6.0	3.9
NW	1.7	2.0	1.7									4.7	5.5
NNW	2.7	3.3	.7									6.7	3.7
VARBL													
CALM												10.7	
	37.3	29.3	9.3	1.3	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 7?-_ MONTH SEP

CLASS ALL WEATHER HOURS (L S T) 17

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	1.0	.3								5.0	5.1
NNE	1.3	.7	1.7									2.7	4.2
NE	1.3	2.3	.3									3.7	3.5
ENE	1.3	2.3	2.7									6.3	5.3
E	1.0	2.3	3.3									6.7	5.9
ESE	.7	1.7	1.7									4.0	5.2
SE	1.0	.7	1.7									3.3	6.4
SSE		1.3	2.7	1.3								4.7	8.3
S	2.3	1.7	2.7	1.3								7.3	7.0
SSW	.7	1.3	2.7	.7								4.0	8.3
SW	.7	.7	2.7	1.3								4.7	8.1
WSW		1.7	4.7	2.7								9.3	9.2
W	1.7	2.0	5.0	2.7								10.7	8.6
WNW	1.3	3.7	6.7	1.7	.3							13.3	7.8
NW	.7	2.0	2.7	2.3								7.7	8.6
NNW	.7	.3	2.0									3.0	6.8
VARBL													
CALM												2.7	
	14.7	25.7	43.7	17.3	.3							100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	72-82	SEP

CLASS: ALL WEATHER

HOURS (L.S.T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	.7									2.3	4.7
NNE	.3	.3										.7	3.5
NE	1.3	2.7	2.7									6.7	5.9
ENE	.3	3.3	1.3									4.7	5.1
E	.7	4.3	2.3									7.3	5.7
ESE		4.0	1.7									5.7	5.9
SE	.7	4.3	4.7									9.3	6.6
SSE	1.3	3.3	2.3	.3								6.7	6.4
S	.7	1.3	5.3	1.7								8.3	8.6
SSW		.7	1.3	.3								2.0	8.5
SW	.3	1.3	4.3	.3								6.3	7.6
WSW	.3	.7	2.3	.7								4.0	8.1
W	.3	5.3	5.3	2.7								13.3	7.7
WNW	.3	2.7	4.0	2.3	.3							9.7	9.0
NW	.3	2.7	3.3	1.0								7.3	7.6
NNW	.7	2.7	2.3									5.7	5.8
VARBL													
CALM												1.0	
	7.0	29.3	43.3	9.3	.3							100.3	7.0

TOTAL NUMBER OF OBSERVATIONS: 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 15 (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	1.3	1.0										2.3	3.4
NNE	1.7	.7	.3									2.7	3.5
NE	3.3	1.7	1.0									5.7	3.5
ENE	1.7	.7		.3								2.7	4.1
E	1.7	2.0	1.7	.3								5.3	5.6
ESE	1.7	1.7										3.3	3.5
SE	4.0	3.3										9.3	3.1
SSE	4.3	4.0	1.3									9.7	4.1
S	6.0	7.3	2.7									13.3	4.7
SSW	3.3	1.3	1.7									5.3	4.8
SW	2.3	1.7	.7									4.3	4.1
WSW	.7	3.0										3.3	4.4
W	1.7	.7	.3	.7								3.3	5.4
WNW	3.3	1.7	.7	.3								5.0	4.7
NW	1.3	1.3										2.7	3.8
NNW	1.7	2.3										4.0	3.8
VARBL													
CALM												18.3	
	36.7	33.7	10.3	1.7								100.3	3.4

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

.07 (STATION) LAGUARDIA, N.Y. (STATION NAME) 73-75 (YEARS) SEP (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	1.0	1.3										2.3	3.9
NNE	1.3	1.7										3.7	3.4
NE	1.3	2.3	1.0									4.3	4.9
ENE	.7	1.0	1.3	.3								3.0	6.4
E	1.3	1.3	.3	.3								3.3	4.9
ESE	.3	2.3										2.7	4.2
SE	1.0	.3										1.3	2.2
SSE	3.3	.3	.3	.3								4.3	3.6
S	2.7	1.7	1.3	.3	.3							6.3	5.5
SSW	3.0	2.7	1.3									6.0	4.7
SW	1.0	2.7	.7									4.0	4.8
WSW	1.7	3.3	.7									5.3	4.3
W	1.7	1.0	1.0	.7								4.3	6.0
WNW	4.0	.7	1.0									5.7	3.5
NW	3.7	2.3	.7									5.7	4.0
NNW	2.0	.3	.3									2.7	3.1
VARBL													
CALM												35.0	
	28.3	25.0	7.3	2.0	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

287	LAKEHURST, NJ	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.0	.4	.1								4.0	4.2
NNE	1.0	1.3	.4									2.4	3.7
NE	1.6	1.9	2.0									5.5	5.1
ENE	1.3	1.7	1.5	.1								4.5	5.5
E	1.2	2.4	1.3	.2								5.1	5.5
ESE	.7	1.0	.7	.1								2.2	5.1
SE	1.4	1.0	1.0	.1								4.3	5.0
SSE	1.8	1.5	1.4	.3								5.0	5.2
S	1.8	2.2	2.2	.5	.1							6.8	6.2
SSW	1.1	1.4	1.3	.4								4.1	6.0
SW	1.0	1.3	1.5	.5								4.4	6.4
WSW	1.0	2.0	1.6	.6								5.2	6.3
W	2.1	2.3	2.9	1.3								9.0	6.5
WNW	2.3	2.1	2.4	.9	.1							7.8	6.4
NW	1.3	2.1	1.2	.7								6.0	6.3
NNW	1.5	1.6	1.0	.1								4.3	4.8
VARBL													
CALM												17.7	
	23.3	30.1	23.5	5.5	.2							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1986

SMOS

GPO 1984 761 348 20

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.4											5.4	2.2
NNE	3.2	2.2										5.4	3.6
NE		1.1										1.1	5.0
ENE	1.1			1.1								2.2	3.5
E	1.1	1.1	1.1		1.1							4.3	8.3
ESE		1.1										1.1	5.0
SE	1.1											1.1	2.0
SSE													
S	2.2		1.1									3.2	5.3
SSW		2.2										2.2	5.5
SW	1.1		1.1									2.2	6.5
WSW	2.2	4.3	1.1									7.5	4.7
W	4.5	3.2	1.1									10.8	3.5
WNW	4.3	4.3										8.6	3.5
NW	4.3	6.5										10.8	3.7
NNW		1.1										1.1	4.0
VARBL													
CALM												13.3	
	32.3	26.9	5.4	1.1	1.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 93

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 24 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1											1.1	3.0
NNE	3.2	1.1										4.3	3.0
NE													
ENE	3.2			1.1								4.3	5.5
E	3.2	3.2	1.1	1.1								8.6	5.3
ESE	1.1											1.1	2.0
SE													
SSE	1.1											1.1	3.0
S	1.1	1.1	1.1									3.2	5.7
SSW	1.1		1.1									2.2	5.0
SW	1.1	1.1										2.2	3.5
WSW	2.2	3.2										5.4	3.8
W	4.3	3.2	1.1									8.6	3.8
WNW	3.4	4.3	2.2									11.8	4.1
NW	1.2	3.2										5.4	4.0
NNW	3.2	4.3										7.5	3.7
VARBL													
CALM												13.1	
	33.3	24.7	6.5	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 93

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

187 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) OCT (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	3.7	1.3	.3									4.9	3.5
NNE	3.0	1.6	1.0									4.6	4.6
NE	1.6	1.0										2.6	3.6
ENE	1.6	1.0	.3	.3								3.3	4.7
E	1.6	1.0	.3	.7								3.6	5.4
ESE	.7		.3									1.0	4.0
SE		1.3	.3									1.6	5.0
SSE	2.0	.3	.7									2.9	4.6
S	1.6	1.3	.3									3.3	3.8
SSW	1.6	.3	.7	.3								2.9	5.2
SW	2.3	2.6	.7									5.5	4.1
WSW	2.0	2.0	.7	.3								4.9	4.7
W	4.6	5.9	2.9	.7	.7							14.7	5.5
WNW	2.6	3.3	.7	.3								6.6	4.6
NW	2.0	2.9	.3									5.9	4.0
NNW	1.3	1.6	.7									3.6	4.5
VARBL													
CALM												28.0	
	31.3	27.4	10.1	2.6	.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 307

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-80 (YEARS) OCT (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	1.3	4.2	1.5	.6								7.7	5.5
NNE	1.6	2.6	1.0	.3								4.8	5.3
NE	1.9	2.6	3.2	.3								7.7	6.2
ENE	1.9	.6	2.3	.6								4.5	7.4
E	1.3	1.9	1.3			.3						4.2	6.5
ESE	1.3	1.3	.3									2.9	4.3
SE	.3	1.3	1.0									2.6	6.2
SSE	.3	1.0	.6	.3		.3						2.6	8.8
S	2.3	1.3	2.6	.3								6.5	5.6
SSW		1.0	1.3	1.0								3.2	9.2
SW	.3	.6	.6	1.0								2.6	7.9
WSW	.3	2.9	3.2	2.3								9.7	7.9
W	1.9	2.6	4.8	4.8	1.0	.3						14.5	10.0
WNW	1.3	1.3	2.6	3.5								8.7	8.9
NW	.3	1.6	3.9	2.9								8.7	8.7
NNW	.3	2.3	1.3	.3								4.8	6.3
VARBL													
CALM												4.2	
	17.2	29.4	32.3	13.4	1.0	1.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	.3								5.2	5.5
NNE	.3	1.3	.3	.6								2.5	5.4
NE	.3	1.0	2.3									3.6	6.5
ENE	1.3	.3	3.2	.6								5.5	7.2
E	1.3	1.3	2.6	.3								5.5	6.4
ESE	1.3	1.6	1.3									4.2	4.9
SE	.3		1.3									2.3	7.3
SSE		.3	2.3	.3								3.2	8.5
S	1.3	1.3	.6	.6	.3							3.9	7.6
SSW	1.3	2.3	1.3	1.6								6.1	6.7
SW	.3	1.0	1.3	.6	.3							4.5	7.9
WSW	.3	2.6	1.6	1.6	.3							6.8	8.0
W	.6	4.8	8.4	4.5	1.3							19.7	9.2
WNW	.3	.6	4.8	5.2	.6							11.6	10.9
NW	.3	.6	4.2	1.3	.3							6.8	9.4
NNW	1.3	2.8	1.3	.6								6.1	5.9
VARBL													
CALM												1.9	
	11.9	25.3	38.7	18.4	3.2							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 — STATION
LAKEHURST, NJ — STATION NAME
73-92 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
14 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.6									3.2	4.2
NNE	1.3	1.3	.6	.3								2.2	5.6
NE	.3	2.3	.3									3.3	4.9
ENE	.3	1.3	1.3	.6								3.2	7.7
E	1.6	3.5	1.6	.3								7.4	5.3
ESE	1.3	3.3	.6									5.2	4.3
SE	1.3	1.6	2.3	.3								5.2	5.1
SSE	.3	1.3	1.9									4.2	6.5
S	.6	1.3	3.2	1.3								6.1	7.9
SSW	.3	.6	1.3	.6								2.9	7.5
SW	.3	1.3	2.3	1.3								5.2	7.8
WSW	.3	1.3	2.3	.3								4.2	7.0
W	1.6	4.2	5.4	3.5	.3							14.4	8.1
WNW	1.3	1.6	5.5	3.2	.3							11.7	9.0
NW	.3	.6	4.9	2.3								8.1	9.1
NNW	1.3	2.3	1.6	.3								5.5	5.8
VARBL													
CALM												1.3	
	14.2	30.3	37.4	13.9	.6							100.2	7.0

TOTAL NUMBER OF OBSERVATIONS 316

SMOS

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 _____ 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 _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

197 STATION | LAKEHURST, NJ STATION NAME | 71-75 YEARS | OCT MONTH

ALL WEATHER CLASS | 02 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	1.4									4.5	3.7
NNE	1.7	.7	.4									1.8	4.2
NE	.8	1.0	1.0	.3								2.1	4.3
ENE	1.0	1.3		.7								2.0	4.5
E	.8	1.8	1.0	.6								4.2	6.3
ESE	.6	.5	.7									1.8	4.2
SE	1.3	.3										1.6	2.3
SSE	3.3	1.3	.5									5.1	3.1
S	.7	1.2	.4	.3								2.3	5.6
SSW	1.7	2.3	1.7									4.8	4.6
SW	2.1	2.3	1.7	.3								6.2	4.4
WSW	2.1	2.6	1.7	.3	.3							7.1	5.4
W	1.8	1.8	1.3	1.3								6.2	4.5
WNW	3.3	1.9	1.6									6.4	4.2
NW	2.1	1.3	.6	.3								4.5	5.7
NNW	1.7	2.3	.6	.3								5.5	4.4
VARBL													
CALM												25.5	
	33.2	22.6	12.3	4.2	.3							100.2	3.6

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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	1.1											1.1	2.5
NNE	1.1	2.2										3.3	4.3
NE													
ENE		1.1										1.1	4.5
E													
ESE	1.1											1.1	1.5
SE	3.4	3.3										6.7	3.5
SSE													
S	1.1	2.2	3.3									6.7	5.5
SSW	[illegible]	1.1	1.1									4.4	4.3
SW	[illegible]	3.3	1.1									7.8	4.6
WSW	[illegible]	4.4	3.3									10.0	6.1
W	[illegible]	3.3	4.4	1.1								14.4	5.3
WNW	[illegible]		3.3	1.1								7.8	3.5
NW	1.1	3.3	1.1	4.4								10.0	5.2
NNW	4.4	1.1										5.6	2.2
VARBL													
CALM												10.0	
	15.2	27.8	15.6	6.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 90

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7	[illegible]	73-75	NOV

CLASS: ALL WEATHER

HOURS (L.S.T.): 04

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1											1.1	3.0
NNE		1.1										1.1	[illegible]
NE			1.1									1.1	7.0
ENE	1.1											1.1	2.0
E	1.1											1.1	2.0
ESE	[illegible]	1.1										3.3	[illegible]
SE	[illegible]	1.1										1.1	[illegible]
SSE	1.1	1.1										2.2	3.5
S	2.2		1.1	1.1								4.4	6.3
SSW	4.5	1.1										5.6	2.8
SW	1.2	1.1	1.1									4.4	4.5
WSW	1.3	7.8	2.2									14.4	5.1
W	2.2	7.8	5.6	1.1								16.7	6.3
WNW	2.2	4.5	1.1									7.8	4.1
NW		1.1		2.2								3.3	11.0
NNW	[illegible]	1.1	1.1									3.4	7.8
VARBL													
CALM												25.6	
	22.7	[illegible]	14.4	4.4								[illegible]	3.8

TOTAL NUMBER OF OBSERVATIONS: 90

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1-7	LAKEHURST, NJ	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

— CONDITION

07 — HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.7	.7										4.3	2.4
NNE	1.3	1.0										2.3	3.7
NE	1.7	2.7	.7									4.3	4.3
ENE	.7	1.3	.3									2.3	4.3
E	.7	1.0	1.3	.3								3.3	6.4
ESE	.3	.7										1.0	4.3
SE	1.3	1.0										2.3	3.5
SSE	.3	1.3	.3									1.7	5.6
S	1.7	2.7	.7									5.0	4.3
SSW	1.3	1.3										2.7	3.5
SW	2.3	1.7	2.0	.3								6.3	5.4
WSW	2.3	6.3	1.3									9.7	4.6
W	4.3	5.3	2.7	1.3								13.7	5.6
WNW	2.7	2.3	2.3	.7								9.0	5.1
NW	2.3	2.7	.3	1.3								6.3	6.2
NNW	1.3	1.7	.3	.3								3.7	5.0
VARBL													
CALM												24.0	
	37.7	32.3	11.7	4.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) LAKEHURST, NJ (STATION NAME) 75-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 12 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.3	.7								4.7	6.1
NNE	1.[illegible]	2.[illegible]	.3									4.0	3.5
NE	1.[illegible]	3.3	1.[illegible]									5.3	4.9
ENE	1.7	2.7	1.7									6.[illegible]	4.9
E	2.[illegible]	1.3	1.[illegible]	.3								4.7	4.9
ESE	.7	.7	.3									1.[illegible]	5.7
SE	.7	.7	.7									1.7	5.3
SSE	.3	1.[illegible]		.7								1.7	6.[illegible]
S	.[illegible]	1.[illegible]	1.[illegible]	.3								4.7	7.9
SSW	.[illegible]	.7	2.[illegible]	.7								4.[illegible]	8.7
SW	.7	.7	2.7	.7								4.7	7.9
WSW	.3	1.[illegible]	1.[illegible]	1.3								4.[illegible]	9.8
W	1.3	3.3	6.7	7.[illegible]	1.[illegible]							19.[illegible]	10.[illegible]
WNW	1.[illegible]	4.[illegible]	6.3	5.[illegible]	.7							17.[illegible]	9.9
NW		1.[illegible]	3.7	2.7	.7							8.[illegible]	10.3
NNW	1.[illegible]	.7	2.[illegible]									4.[illegible]	6.9
VARBL													
CALM												5.7	
	1[illegible].[illegible]	25.3	39.7	19.[illegible]	2.3							100.[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS 3[illegible]0

3

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LAKEHURST, NJ	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

17
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.7	1.3	.7								3.	7.0
NNE	1.7	1.7	.3									3.7	6.4
NE	.7	1.0	.7									2.	5.0
ENE	1.3	2.	2.3		.3							5.7	7.1
E	1.3	2.7	.7									4.7	6.1
ESE	1.3	.7	2.									3.3	5.4
SE	.3	1.0	.7									2.0	5.2
SSE			.7	.3								.7	10.5
S	.7	2.0	2.3	1.0	.3							6.3	7.9
SSW	.7	1.7	1.7	1.7								5.7	7.8
SW		1.7	1.7	1.3								4.7	8.6
WSW		.7	3.7	2.0	.3							6.7	10.5
W	1.7	3.0	5.7	8.3	1.3							15.3	10.6
WNW		2.7	4.7	4.3	.7							12.	10.2
NW		1.0	7.7	4.0								12.7	9.9
NNW	.3	2.	1.3	1.3								5.	8.2
VARBL													
CALM												2.7	
	7.0	27.7	36.7	25.0	3.0							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) NOV (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	1.2	2.[illegible]	.7									4.3	4.2
NNE	.2	1.3	.3									2.0	4.3
NE	1.[illegible]	.3										1.3	3.6
ENE	.7	1.7	.2	.3								3.0	5.9
E	.3	4.3	1.0									5.7	5.4
ESE	1.3	2.7	.3									4.3	4.1
SE	.3	3.0	1.3									4.7	5.4
SSE	.7	1.[illegible]	1.3									3.0	5.7
S	.7	2.7	2.[illegible]	1.0								6.3	7.0
SSW	.3	1.[illegible]	1.0	.7	.7							3.7	9.4
SW	.7	2.[illegible]	2.7	.3								5.7	6.9
WSW	.7	1.3	3.3	1.0								6.3	7.6
W	2.7	5.3	7.3	4.3	.7							20.3	8.2
WNW	.7	3.7	4.3	3.0								11.7	8.5
NW	.3	2.0	5.7	2.3								10.3	8.9
NNW	1.[illegible]	.7	3.3	.3								5.3	7.1
VARBL													
CALM												2.[illegible]	
	12.3	35.0	35.0	12.3	1.3							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

167 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) NOV (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	1.0	1.	.7									2.3	3.7
NNE	1.3	1.	.7									2.7	4.1
NE	1.3	.7	.3									2.3	3.4
ENE		1.7	.7	.7								3.0	7.4
E	1.7	1.3	.7									3.7	4.3
ESE	1.3	.3										1.7	2.4
SE	1.3	.7	.3									2.3	3.9
SSE	2.3	1.3	.7									4.3	4.5
S	2.3	4.7	1.3	.7								8.7	5.1
SSW	4.3	1.3	.7	.3								6.7	4.0
SW	2.7	.3										3.0	2.6
WSW	1.7	1.7	1.7	.7								5.3	5.7
W	3.7	3.7	3.3	1.3	.7							12.3	6.6
WNW	2.3	2.3	2.3	1.0	.3							8.	6.8
NW	2.3	3.3	3.	1.7								10.0	6.3
NNW	1.3	.7	.7									3.7	3.9
VARBL													
CALM												20.0	
	31.0	25.7	16.0	6.3	1.0							100.0	4.2

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)

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) NOV (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	[illegible]	2.[illegible]	.7									5.7	3.6
NNE	[illegible]	.7										1.7	2.7
NE	1.[illegible]	1.[illegible]	.3									2.3	4.2
ENE	.7	.3	1.7	.3								3.[illegible]	7.1
E	.7	.3	.7									1.7	[illegible]
ESE	1.[illegible]											1.[illegible]	2.3
SE	.3	1.[illegible]										1.3	4.3
SSE	1.[illegible]	.7										1.7	3.2
S	2.[illegible]	1.7	2.7	1.[illegible]								7.3	6.1
SSW	1.7	2.7	1.[illegible]	.3								5.7	5.2
SW	2.7	1.[illegible]	1.[illegible]	.3								5.[illegible]	4.6
WSW	2.3	2.3	2.[illegible]									6.7	4.9
W	2.3	3.3	3.3	1.3		.3						11.7	5.7
WNW	1.7	2.7	3.3	.3								8.[illegible]	5.6
NW	1.7	2.3	2.3	1.[illegible]								7.3	5.6
NNW	1.3	.7	.3									2.3	4.[illegible]
VARBL													
CALM												28.3	
	27.3	23.[illegible]	19.[illegible]	4.7		.3						100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.7	.2								3.7	4.5
NNE	1.4	1.3	.3									2.9	3.5
NE	1.2	1.3	.2									2.7	4.4
ENE	.8	1.6	1.1	.2	.1							3.8	6.1
E	1.1	1.2	.8	.1								3.2	4.9
ESE	1.2	.7	.4									2.1	4.1
SE	.8	1.3	.5									2.5	4.5
SSE	.5	.8	.4	.1								2.1	5.1
S	1.3	2.4	1.8	.7	.1							6.3	6.3
SSW	1.6	1.4	1.1	.6	.1							4.7	6.0
SW	1.5	1.4	1.6	.5								5.1	6.0
WSW	1.4	2.6	2.2	.8	.1							7.0	6.6
W	2.3	4.1	4.8	3.7	.6	.1						16.0	8.1
WNW	1.7	2.8	3.7	2.2	.3							10.7	7.8
NW	1.2	2.1	3.3	2.3	.1							8.9	8.3
NNW	1.4	1.1	1.3	.3								4.1	5.7
VARBL													
CALM												14.1	
	21.1	27.5	24.6	11.5	1.2	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1980

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14711 (STATION) LANCASTER, NH (STATION NAME) 73-75 (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	3.3											3.3	2.0
NNE	1.2		1.2									2.3	5.5
NE	1.2	2.3	2.3									5.8	6.2
ENE	1.2		1.2			1.2						3.5	11.7
E	1.2											1.2	2.5
ESE		1.2										1.2	5.0
SE	1.2											1.2	2.5
SSE			1.2									1.2	15.0
S			3.5	1.2	1.2							5.8	11.4
SSW	2.3		1.2									3.5	4.7
SW	2.3	2.3	2.3	1.2								8.1	6.3
WSW		2.3	1.2									3.5	6.7
W	2.3	3.5	3.5	1.2								10.5	6.9
WNW	1.2	1.2	3.5	2.3								8.1	9.7
NW	2.3	4.7			2.3							9.3	7.1
NNW	2.3	3.5	1.2									7.0	5.0
VARBL													
CALM												24.4	
	22.1	20.4	22.1	5.8	3.5	1.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 86

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LANGHURST, NJ	73-75	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

04
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	2.4	1.2									7.1	3.5
NNE		2.4										2.4	6.0
NE	2.4		1.2	1.2								4.7	6.3
ENE		1.2	1.2									2.4	7.5
E		1.2		1.2								2.4	6.5
ESE		1.2										1.2	6.0
SE		1.2										1.2	6.0
SSE	2.4		1.2									3.6	3.7
S			1.2									1.2	7.0
SSW				2.4								2.4	12.0
SW	1.2	3.5	1.2	1.2								7.1	6.5
WSW	1.2		1.2									2.4	4.5
W	2.4	5.9	2.4	3.5								14.1	6.7
WNW	1.2	2.4	4.7	2.4								10.6	7.3
NW	3.5	2.4	2.4	1.2	1.2							10.6	7.5
NNW	2.4	2.4										4.7	3.0
VARBL													
CALM												22.4	
	28.0	25.9	17.6	12.9	1.2							100.3	4.9

TOTAL NUMBER OF OBSERVATIONS 85

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

LWT (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (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	1.1	.4									4.2	4.2
NNE	.3	.4	.7	.3								3.5	4.5
NE	.4	1.3	.6	.3								2.6	6.1
ENE	1.3		.7									1.9	3.6
E	.7	.7	.3	.3								1.9	7.5
ESE	.5		.4									1.0	4.7
SE	.4	.3		.1								1.7	5.3
SSE	1.1		1.7									1.9	5.7
S	1.7	.4	1.4	.1								3.5	6.4
SSW	.6	1.1	1.3									2.6	5.4
SW	1.3	.3	1.7									4.2	7.8
WSW	1.1	1.4	1.4	.6								5.9	5.7
W	2.5	3.1	3.5	3.5	.3	.3						15.4	7.1
WNW	2.4	2.6	2.3	1.6								10.9	6.4
NW	2.1	2.3	2.0	1.6	.6							9.1	7.6
NNW	1.6	2.3										3.9	5.9
VARBL													
CALM												16.1	
	25.3	19.7	18.4	9.0	1.0	.3						100.1	4.4

TOTAL NUMBER OF OBSERVATIONS 311

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	LAKEHURST, NJ	73-77	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1?
HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.1	1.9	.3								5.7	5.4
NNE	.1	1.7	1.7	.3								3.8	6.5
NE	1.3	1.8	1.1									3.2	4.7
ENE	.3	2.3	1.1									3.7	5.7
E	1.8	.6	.7	1.1								3.3	5.3
ESE	.7	1.1	.7									1.5	5.4
SE	.5	.3										1.7	4.3
SSE	.3	.3	.3	.3		.7						1.6	11.0
S	1.1	1.3	2.3	.3								5.3	5.3
SSW	.7	.6	1.3	1.1								3.7	7.1
SW	.3	1.1	2.6	1.6								5.6	7.9
WSW	.5	1.7	1.7	1.1								4.9	7.6
W	2.1	2.6	5.9	1.6	1.1							13.5	6.8
WNW	3.1	1.9	3.5	6.1	1.6	.7						16.1	10.3
NW	1.1	1.3	6.5	3.5	1.3	.3						13.1	10.2
NNW	.3	2.6	1.6		.3							4.8	6.3
VARBL													
CALM												7.1	
	17.1	21.9	32.3	17.1	4.2	1.1						100.2	7.5

TOTAL NUMBER OF OBSERVATIONS 31?

3

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 _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T.): 16

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	.7									2.9	4.7
NNE	.4	1.0	.5	.3								2.2	4.4
NE	1.0	1.0	.6									2.6	5.1
ENE	.7	.3										.9	2.8
E	1.0	1.4	.7			.7						3.8	5.1
ESE	.4	1.3	.7									1.9	4.7
SE	1.0	1.7										2.9	3.1
SSE	1.0	1.2			.7							2.9	5.5
S	.7	1.5	.7	.6								3.1	7.2
SSW	.4	.7	1.0	.6								4.5	6.4
SW	.3	1.2	1.0	.3								4.9	5.3
WSW	1.3	2.4	1.7	.7								5.9	5.5
W	.8	4.3	4.5	1.6	.3							15.2	6.7
WNW	.4	2.4	7.1	3.3	2.3							17.4	9.9
NW	.4	2.6	4.3	3.3	.3							13.0	8.4
NNW	.4	1.3	1.7	1.3								4.5	7.8
VARBL													
CALM												.4	
	11.4	28.3	26.1	12.6	3.3	.7						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 310

3

SMOS

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

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	1.7	1.4	.3									3.4	3.5
NNE	.2	.2										1.0	4.3
NE	1.2	1.1	1.1									3.4	4.7
ENE	.1	.2	.6		.2							1.1	5.4
E	1.5	.6	.7	.3		.2						2.8	5.3
ESE	.1	.4	.2									1.2	5.5
SE	1.4	.6										2.3	3.0
SSE	.2	.1	.2									1.3	4.3
S	2.7	2.3	1.8	.6								7.5	5.5
SSW	1.3	1.1	1.6	.7								5.2	5.2
SW	1.3	1.3	.6									3.2	4.2
WSW		1.1	.5									2.2	5.1
W	3.1	4.2	2.6	2.3	.3		.1					12.7	7.3
WNW	1.2	1.2	2.1	1.6	.6							10.7	9.2
NW	1.2	2.2	1.2	1.2	.3							7.8	6.7
NNW	1.1	.2	2.2	.7								4.2	4.6
VARBL													
CALM												26.9	
	22.7	23.2	16.2	7.4	1.6	.2	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 3 4

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LAKEHURST, NJ	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

22
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.6										2.6	3.8
NNE	1.3	1.3	.7									2.3	4.6
NE	.7	1.3	1.0	.7								3.7	6.3
ENE	.7	.3	.3	.7		.7						2.7	9.3
E	.3	.3										.7	3.0
ESE	.7		.7									1.3	5.0
SE	.7	1.3										2.3	3.7
SSE	.7	.7	.3	.7								2.3	6.1
S	1.3	1.6	.3	.7		.7						3.9	6.2
SSW	1.3	1.6	1.3	.3								4.9	5.4
SW	.7	1.6	1.3	.3								3.9	7.1
WSW	1.3	2.0	1.3	.3								4.9	4.9
W	2.6	2.0	1.3	1.6	1.0							10.5	7.7
WNW	2.3	1.6	2.3	2.6								10.2	6.7
NW	3.6	1.6	2.3	1.6	1.3							11.5	7.6
NNW	2.3	1.3	.7									3.9	3.9
VARBL													
CALM												29.9	
	29.7	19.7	15.5	8.6	2.3	.7						100.3	4.4

TOTAL NUMBER OF OBSERVATIONS 304

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

147	LAUREL PARK, NC	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.2	.5	.3								3.3	4.3
NNE	1.2	1.1	.5	.2								3.2	5.0
NE	1.2	1.3	.3	.1								3.4	5.3
ENE	.5	.6	.5	.3	.0	.1						2.0	6.5
E	1.3	.3	.2	.4	.0	.1						2.3	6.6
ESE	.4	.7	.4									1.5	5.1
SE	.3	.3	.1	.3								2.0	3.6
SSE	.7	.4	.5	.2	.3	.0						2.2	6.3
S	1.1	1.5	2.0	.7	.3	.0						5.5	6.7
SSW	1.0	1.2	1.2	.5								3.9	6.4
SW	1.3	1.2	1.5	.5	.3							4.7	6.4
WSW	1.3	2.0	1.4	.5	.1							5.3	6.3
W	2.7	3.7	4.2	2.6	.5	.1	.0					13.9	7.7
WNW	1.3	2.2	3.3	3.3	.9	.1						12.7	9.3
NW	1.1	2.5	3.7	2.5	.9	.1						11.9	8.7
NNW	1.2	1.5	1.1	.5	.3							4.5	6.2
VARBL													
CALM												17.1	
	20.2	23.5	22.0	12.8	2.8	.7	.0					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2024

3

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

1477	LAKEHURST, NJ	73-82	ALL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.7	.7	.1			.0					3.9	4.5
NNE	1.1	1.1	.4	.1								2.7	4.5
NE	1.7	1.1	.2	.1								3.0	5.2
ENE	.9	1.3	1.1	.3	.0	.0						3.6	6.1
E	1.2	1.7	1.1	.3	.0	.0						4.3	5.7
ESE	.9	1.3	.7	.0								2.9	5.0
SE	.9	1.5	1.0	.1	.0							3.5	5.4
SSE	1.3	1.3	1.1	.3	.0	.0						3.9	5.6
S	1.3	2.3	1.9	.7	.1	.0						6.6	6.3
SSW	1.1	1.3	1.4	.6	.0							4.6	6.3
SW	1.4	1.9	1.5	.5	.2							5.0	5.2
WSW	1.7	2.1	1.9	.8	.1	.0						6.1	6.8
W	2.4	3.3	3.9	2.6	.5	.1	.0	.0				12.7	7.9
WNW	1.7	2.2	3.0	2.2	.4	.1	.0					9.7	6.3
NW	1.9	2.3	2.9	1.8	.3	.1						8.5	5.0
NNW	1.3	1.7	1.4	.5	.0	.0						4.9	6.1
VARBL													
CALM												14.1	
	21.3	27.3	24.5	10.8	1.5	.4	.1	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 24966

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) LAKEHURST, NJ (STATION NAME) [illegible]-82 (YEARS) ALL (MONTH)

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

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

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 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.[illegible]	.7	.1			.0					4.0	4.4
NNE	2.[illegible]	2.5	1.0	.3								5.8	5.0
NE	1.7	2.[illegible]	2.9	.2								7.4	5.2
ENE	2.0	2.6	3.1	1.2	.2	.1						9.2	7.0
E	2.3	2.0	2.6	1.0	.1	.1						9.1	6.3
ESE	1.5	1.3	1.1	.2								4.6	5.3
SE	1.7	2.3	1.1	.2	.1							5.0	5.5
SSE	1.1	1.2	1.5	.7	.0	.1						4.7	7.2
S	1.7	1.7	2.2	1.2	.3	.0						6.7	7.5
SSW	1.1	1.5	1.2	.6								4.4	6.4
SW	1.1	1.1	.8	.2								3.2	5.4
WSW	1.3	1.9	1.2	.2	.1	.0						4.7	5.5
W	2.4	2.4	1.7	.5	.1	.[illegible]	.0					7.3	5.7
WNW	1.1	1.3	1.0	.3	.1		.0					3.9	5.1
NW	.7	.9	.7	.2								2.7	5.4
NNW	1.2	1.1	.6	.1		.0						3.1	4.9
VARBL													
CALM												13.4	
	24.0	30.1	23.3	7.4	.8	.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 3762

SMOS

* U.S. GPO 1984 741 348 201

CEILING-VISIBILITY

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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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≥ 400																
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≥ 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	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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≥ 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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TOTAL NUMBER OF OBSERVATIONS _____

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 _____

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																
≥ 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																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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 _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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

3

STATION _____ STATION NAME _____ YEARS 72-76 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	.1	41.7	41.7	41.7	42.2	42.2	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	.1	45.2	45.2	45.8	50.2	50.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 18000	.1	45.2	45.2	45.8	50.2	50.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 16000	.1	45.2	45.2	45.8	50.2	50.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	.1	45.2	45.2	46.3	50.7	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	.1	45.2	45.2	45.8	50.2	50.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	.2	53.6	53.6	53.8	54.3	54.3	56.2	56.2	56.2	56.2	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	.2	54.1	54.1	54.3	54.8	56.2	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	.2	59.5	59.5	59.5	60.7	60.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 7000	.2	60.2	60.2	60.7	61.9	61.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	.2	63.7	63.7	63.7	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	.2	64.3	64.3	64.3	65.5	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	47.6	69.1	69.1	69.1	70.2	70.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4000	.2	71.4	71.4	71.4	72.6	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	.4	75.0	75.0	75.0	77.4	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 3000	.4	77.4	77.4	77.4	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	.4	77.4	77.4	77.4	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	.4	77.4	77.4	77.4	79.8	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800	.4	78.6	78.6	78.6	81.0	81.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1500	.4	78.6	78.6	78.6	81.0	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1200	.4	78.6	78.6	78.6	81.0	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	.4	78.6	78.6	78.6	81.0	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900	.4	79.0	79.0	79.0	82.1	83.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	.4	79.0	79.0	79.0	82.1	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 700	.4	79.0	79.0	81.0	84.5	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 600	.4	79.0	79.0	81.0	84.5	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 500	.4	1.0	81.0	82.1	85.7	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 400	.4	82.1	82.1	84.5	87.5	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	.4	.1	82.1	84.5	91.7	92.9	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	96.4	96.4
≥ 200	.4	.1	82.1	84.5	91.7	92.9	94.1	96.4	96.4	97.6	97.6	97.6	97.6	97.6	98.8	98.8
≥ 100	.4	82.1	82.1	84.5	91.7	92.9	94.1	96.4	96.4	97.6	97.6	97.6	97.6	97.6	100.0	100.0
≥ 0	.4	82.1	82.1	84.5	91.7	92.9	94.1	96.4	96.4	97.6	97.6	97.6	97.6	97.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 84

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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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≥ 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																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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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≥ 900																
≥ 800																
≥ 700																
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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 _____

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																
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≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

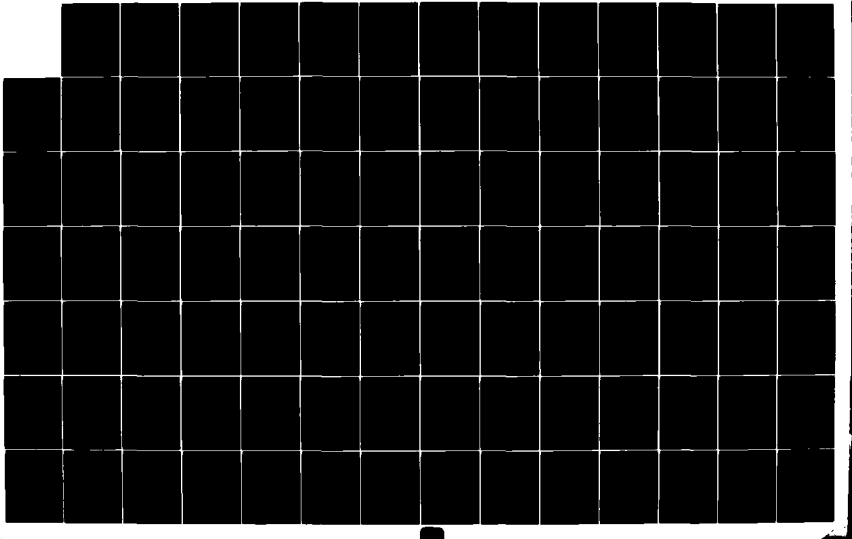
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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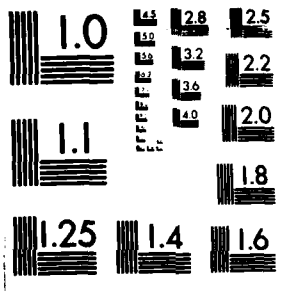
TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANCOMCEN SM-05

AD-A150 449 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) LAKEHURST NEW JERSEY(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 3/4

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

[illegible] | LAKEHURST, NJ | [illegible] | [illegible]
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	[illegible]	48.7	49.5	49.8	50.0	50.2	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	[illegible]	56.2	56.7	56.7	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
≥ 18000	[illegible]	55.3	56.3	56.6	57.2	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5
≥ 16000	[illegible]	55.4	56.4	56.9	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	[illegible]	55.5	56.5	57.0	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	[illegible]	56.1	57.0	57.5	57.9	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2
≥ 10000	[illegible]	59.1	60.2	60.8	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5
≥ 9000	[illegible]	59.4	60.4	61.0	61.4	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	[illegible]	63.3	64.5	65.1	65.6	65.7	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1
≥ 7000	[illegible]	64.3	65.8	66.5	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.6	67.6	67.6
≥ 6000	[illegible]	64.9	66.2	66.9	67.4	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9
≥ 5000	[illegible]	67.[illegible]	68.3	69.1	69.6	69.7	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2
≥ 4500	[illegible]	69.1	71.5	71.4	71.9	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.6	72.6	72.6
≥ 4000	[illegible]	72.[illegible]	73.6	74.5	75.1	75.5	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.1	76.1	76.1
≥ 3500	[illegible]	74.2	75.9	76.9	77.7	78.0	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7
≥ 3000	[illegible]	76.6	78.4	79.5	80.5	80.9	81.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 2500	[illegible]	77.6	79.6	80.7	81.8	82.4	82.8	83.0	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.3
≥ 2000	[illegible]	78.6	80.6	82.0	83.2	83.8	84.3	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1800	[illegible]	79.0	81.0	82.3	83.5	84.1	84.7	85.0	85.0	85.1	85.1	85.1	85.2	85.3	85.3	85.3
≥ 1500	[illegible]	79.4	81.9	83.2	84.6	85.2	86.0	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1200	[illegible]	79.8	81.9	83.4	84.7	85.5	86.3	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 1000	[illegible]	80.3	82.4	83.9	85.2	86.1	87.0	87.4	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7
≥ 900	[illegible]	80.5	82.7	84.2	85.5	86.5	87.5	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3
≥ 800	[illegible]	80.7	82.9	84.5	86.1	87.0	88.2	88.7	88.8	88.9	89.0	89.0	89.2	89.2	89.2	89.2
≥ 700	[illegible]	81.0	83.3	85.0	86.8	87.8	89.1	89.7	89.8	89.9	90.0	90.0	90.2	90.3	90.3	90.3
≥ 600	[illegible]	81.0	83.4	85.1	87.2	88.3	89.8	90.9	91.0	91.1	91.2	91.2	91.4	91.4	91.4	91.4
≥ 500	[illegible]	81.4	83.9	85.7	87.9	89.1	91.1	92.3	92.4	92.7	92.8	92.9	93.3	93.3	93.3	93.3
≥ 400	[illegible]	81.5	84.0	85.9	88.2	89.4	91.7	93.1	93.3	93.7	93.9	94.0	94.5	94.6	94.6	94.6
≥ 300	[illegible]	81.7	84.1	86.1	88.5	89.9	92.3	94.0	94.2	94.7	95.2	95.3	96.1	96.1	96.2	96.2
≥ 200	[illegible]	81.7	84.2	86.1	88.6	90.0	92.4	94.6	94.8	95.5	96.3	96.5	97.7	97.9	98.1	98.2
≥ 100	[illegible]	81.7	84.2	86.1	88.6	90.0	92.4	94.6	94.8	95.7	96.5	96.6	97.9	98.2	99.1	99.2
0	[illegible]	81.7	84.2	86.1	88.6	90.0	92.4	94.6	94.8	95.7	96.5	96.6	97.9	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1552

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

[illegible] STATION | [illegible] STATION NAME | 73-75 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01 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	34.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.8	39.8	39.8	39.8
≥ 20000	38.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	44.1	44.1	45.2	45.2	45.2	45.2
≥ 18000	38.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	44.1	44.1	45.2	45.2	45.2	45.2
≥ 16000	38.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	44.1	44.1	45.2	45.2	45.2	45.2
≥ 14000	38.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	44.1	44.1	45.2	45.2	45.2	45.2
≥ 12000	39.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	47.3	47.3	48.4	48.4	48.4	48.4
≥ 10000	32.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	50.5	50.5	51.6	51.6	51.6	51.6
≥ 9000	32.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	50.5	50.5	51.6	51.6	51.6	51.6
≥ 8000	36.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	57.0	57.0	58.1	58.1	58.1	58.1
≥ 7000	37.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	60.2	60.2	61.3	61.3	61.3	61.3
≥ 6000	37.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	60.2	60.2	61.3	61.3	61.3	61.3
≥ 5000	40.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	63.4	63.4	64.5	64.5	64.5	64.5
≥ 4500	41.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.8	68.8	69.9	69.9	69.9	69.9
≥ 4000	43.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.9	69.9	71.0	71.0	71.0	71.0
≥ 3500	43.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.9	69.9	71.0	71.0	71.0	71.0
≥ 3000	44.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	72.0	72.0	73.1	73.1	73.1	73.1
≥ 2500	45.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	75.3	75.3	76.3	76.3	76.3	76.3
≥ 2000	46.2	77.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.7	80.7	81.7	81.7	81.7	81.7
≥ 1800	46.2	77.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.7	80.7	81.7	81.7	81.7	81.7
≥ 1500	46.2	77.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.7	80.7	81.7	81.7	81.7	81.7
≥ 1200	46.2	77.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	80.7	80.7	81.7	81.7	81.7	81.7
≥ 1000	46.2	78.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.7	81.7	82.8	82.8	82.8	82.8
≥ 900	46.2	78.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.7	81.7	82.8	82.8	82.8	82.8
≥ 800	46.2	78.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.7	81.7	82.8	82.8	82.8	82.8
≥ 700	46.2	78.5	80.7	80.7	80.7	80.7	81.7	81.7	81.7	81.7	82.8	82.8	83.9	83.9	83.9	83.9
≥ 600	46.2	78.5	80.7	80.7	80.7	81.7	82.8	82.8	82.8	82.8	83.9	83.9	85.0	85.0	85.0	85.0
≥ 500	46.2	78.5	80.7	80.7	80.7	82.8	83.9	83.9	83.9	83.9	85.0	85.0	86.0	86.0	86.0	86.0
≥ 400	46.2	78.5	80.7	80.7	82.8	85.0	86.0	86.0	86.0	86.0	87.1	87.1	88.2	88.2	88.2	88.2
≥ 300	46.2	78.5	80.7	80.7	83.9	86.0	87.1	87.1	87.1	87.1	89.3	89.3	90.3	90.3	90.3	90.3
≥ 200	46.2	78.5	80.7	80.7	83.9	86.0	88.2	89.3	89.3	89.3	93.6	93.6	94.6	94.6	94.6	94.6
≥ 100	46.2	78.5	80.7	80.7	83.9	86.0	88.2	89.3	89.3	89.3	93.6	93.6	94.6	95.7	95.7	96.8
0	46.2	78.5	80.7	80.7	83.9	86.0	88.2	89.3	89.3	89.3	93.6	93.6	94.6	95.7	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

DIPNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

24 (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	26.0	38.7	39.7	39.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.8
≥ 20000	30.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	47.3
≥ 18000	30.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	47.3
≥ 16000	30.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	47.3
≥ 14000	30.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	47.3
≥ 12000	30.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	47.3
≥ 10000	30.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	48.4	48.4	48.4	48.4	48.4	48.4	49.5
≥ 9000	31.2	48.4	48.4	48.4	49.4	48.4	48.4	48.4	48.4	49.5	49.5	49.5	49.5	49.5	49.5	50.7
≥ 8000	34.4	53.8	53.8	54.8	54.8	54.8	54.8	54.8	54.8	55.9	55.9	55.9	55.9	55.9	55.9	57.0
≥ 7000	35.5	55.9	55.9	57.0	57.0	57.0	57.0	57.0	57.0	58.1	58.1	58.1	58.1	58.1	58.1	59.1
≥ 6000	35.5	55.9	55.9	57.0	57.0	57.0	57.0	57.0	57.0	58.1	58.1	58.1	58.1	58.1	58.1	59.1
≥ 5000	36.7	59.1	59.1	60.2	60.2	60.2	60.2	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3	62.4
≥ 4500	39.7	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3	62.4	62.4	62.4	62.4	62.4	62.4	63.4
≥ 4000	40.8	64.5	64.5	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7	66.7	66.7	66.7	67.7
≥ 3500	40.9	66.7	66.7	67.7	67.7	67.7	67.7	67.7	67.7	68.8	68.8	68.8	68.8	68.8	68.8	69.9
≥ 3000	43.0	71.0	71.0	72.0	72.0	72.0	72.0	72.0	72.0	73.1	73.1	73.1	73.1	73.1	73.1	74.2
≥ 2500	43.0	72.0	72.0	73.1	73.1	73.1	73.1	73.1	73.1	74.2	74.2	74.2	74.2	74.2	74.2	75.3
≥ 2000	43.0	73.1	73.1	74.2	74.2	74.2	74.2	74.2	74.2	75.3	75.3	75.3	75.3	75.3	75.3	76.3
≥ 1800	43.0	73.1	73.1	74.2	74.2	74.2	74.2	74.2	74.2	75.3	75.3	75.3	75.3	75.3	75.3	76.3
≥ 1500	44.1	74.2	74.2	76.3	76.3	76.3	76.3	76.3	76.3	77.4	77.4	77.4	77.4	77.4	77.4	78.5
≥ 1200	44.1	75.3	75.3	77.4	78.5	78.5	78.5	78.5	78.5	79.6	79.6	79.6	79.6	79.6	79.6	80.7
≥ 1000	44.1	75.3	76.3	78.5	79.6	80.7	80.7	80.7	80.7	81.7	81.7	81.7	81.7	81.7	81.7	82.8
≥ 900	44.1	75.3	76.3	78.5	79.6	80.7	80.7	80.7	80.7	81.7	81.7	81.7	81.7	81.7	81.7	82.8
≥ 800	44.1	75.3	76.3	78.5	79.6	80.7	80.7	80.7	80.7	81.7	81.7	81.7	81.7	81.7	81.7	82.9
≥ 700	44.1	75.3	76.3	78.5	80.7	81.7	81.7	81.7	81.7	82.8	82.8	82.8	82.8	82.8	82.8	83.9
≥ 600	44.1	76.3	77.4	79.6	81.7	82.9	82.8	82.8	82.8	83.9	83.9	83.9	83.9	83.9	83.9	85.0
≥ 500	44.1	76.3	77.4	79.6	81.7	82.8	82.8	82.8	82.8	83.9	83.9	83.9	83.9	83.9	83.9	85.0
≥ 400	44.1	76.3	77.4	79.6	81.7	82.8	82.8	82.8	82.8	83.9	83.9	83.9	83.9	83.9	83.9	85.0
≥ 300	44.1	77.4	78.5	80.7	82.8	83.9	83.9	85.0	85.0	86.0	87.1	87.1	87.1	87.1	87.1	88.2
≥ 200	44.1	77.4	78.5	80.7	82.8	83.9	83.9	86.0	86.0	86.2	90.3	90.3	92.5	92.5	92.5	93.6
≥ 100	44.1	77.4	78.5	81.7	82.8	83.9	83.9	86.0	86.0	88.2	92.5	92.5	94.6	94.6	96.8	98.9
0	44.1	77.4	78.5	80.7	82.8	83.9	83.9	86.0	86.0	88.2	92.5	92.5	94.6	94.6	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

[illegible] STATION | LAKEHURST, NJ STATION NAME | 73-82 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	35.2	37.7	39.0	39.[illegible]	39.4	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.[illegible]	40.[illegible]	41.0
≥ 20000	24.2	41.3	44.5	46.1	46.1	46.8	47.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7	49.0	49.7
≥ 18000	24.2	41.0	44.5	46.1	46.1	46.8	47.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7	49.0	49.7
≥ 16000	24.2	41.0	44.5	46.1	46.1	46.8	47.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7	49.0	49.7
≥ 14000	24.2	41.3	44.8	46.5	46.5	47.1	47.7	48.7	48.7	48.7	48.7	49.0	49.0	49.[illegible]	49.4	50.[illegible]
≥ 12000	24.2	42.3	45.8	47.4	47.4	48.1	48.7	49.7	49.7	49.7	49.7	50.0	50.[illegible]	50.[illegible]	50.3	51.0
≥ 10000	26.1	45.5	50.0	51.6	51.6	52.3	52.9	53.9	53.9	53.9	53.9	54.2	54.2	54.2	54.5	55.[illegible]
≥ 9000	26.1	46.1	50.7	52.3	52.3	52.9	53.6	54.5	54.5	54.5	54.5	54.8	54.8	54.8	55.2	55.8
≥ 8000	28.4	51.3	56.1	58.1	58.4	59.0	60.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.6	62.3
≥ 7000	28.4	52.6	57.4	59.4	59.7	60.3	61.3	62.3	62.3	62.3	62.3	62.6	62.6	62.6	62.9	63.6
≥ 6000	29.4	53.6	58.4	60.3	60.7	61.3	62.3	63.2	63.2	63.2	63.2	63.6	63.6	63.6	63.9	64.5
≥ 5000	29.3	56.5	61.6	63.6	64.5	65.2	66.5	67.4	67.4	67.4	67.4	67.7	67.7	67.7	68.1	68.7
≥ 4500	30.7	58.4	63.2	65.8	66.8	67.4	68.7	69.7	69.7	70.0	70.0	70.3	70.3	70.3	70.7	71.3
≥ 4000	31.3	61.3	66.1	68.7	70.3	71.0	72.3	73.2	73.2	73.6	73.6	73.9	73.9	73.9	74.2	74.8
≥ 3500	31.4	62.9	69.4	71.0	72.9	73.6	74.8	75.8	75.8	76.1	76.1	76.5	76.5	76.5	76.8	77.4
≥ 3000	31.6	63.2	69.0	71.9	73.9	75.2	76.5	77.4	77.4	77.7	77.7	78.1	78.1	78.1	78.4	79.0
≥ 2500	31.9	64.5	70.3	73.2	75.2	76.5	77.7	78.7	78.7	79.0	79.0	79.4	79.4	79.4	79.7	80.3
≥ 2000	31.9	64.5	70.3	73.9	75.8	77.1	78.4	79.4	79.4	79.7	79.7	80.0	80.[illegible]	80.[illegible]	80.3	81.0
≥ 1800	31.9	64.9	70.7	74.2	76.1	77.4	78.7	79.7	79.7	80.0	80.3	80.7	80.7	81.[illegible]	81.[illegible]	81.6
≥ 1500	31.9	65.8	71.9	75.5	77.4	78.7	80.0	81.0	81.0	81.6	81.9	82.3	82.3	82.[illegible]	82.6	83.2
≥ 1200	31.9	66.8	72.9	76.5	79.4	80.0	81.3	82.6	82.6	83.2	83.6	83.9	83.9	83.[illegible]	84.2	84.8
≥ 1000	31.[illegible]	66.8	73.2	77.1	79.[illegible]	80.7	81.9	83.2	83.2	84.2	84.5	84.8	84.8	84.[illegible]	85.2	85.9
≥ 900	31.9	66.8	73.6	77.4	79.4	81.3	82.6	83.9	84.2	85.2	85.5	85.8	85.8	85.[illegible]	86.1	86.7
≥ 800	31.9	66.8	73.6	77.7	79.7	81.6	82.9	84.2	84.5	85.5	86.1	86.5	86.5	86.8	87.4	88.0
≥ 700	31.9	66.8	73.6	77.7	79.7	81.6	82.9	84.2	84.5	85.5	86.1	86.5	86.5	86.5	86.8	87.4
≥ 600	31.9	67.1	73.9	78.4	80.3	82.9	84.8	86.5	87.1	88.1	88.4	88.7	88.7	88.7	89.0	89.7
≥ 500	31.9	67.7	74.5	79.4	81.9	85.2	87.4	89.4	90.0	91.0	91.3	91.6	91.6	91.6	91.9	92.6
≥ 400	31.9	67.7	74.5	79.4	82.3	85.5	88.1	90.3	91.0	91.9	92.3	92.6	92.6	92.6	92.9	93.6
≥ 300	31.9	67.7	74.5	79.4	82.6	86.1	88.4	91.3	91.9	93.9	94.2	94.5	94.8	94.8	95.2	95.9
≥ 200	31.9	67.7	74.5	79.4	82.6	86.1	88.4	91.3	91.9	94.2	94.5	95.2	95.8	95.8	96.1	97.1
≥ 100	31.9	67.7	74.5	79.4	82.6	86.1	88.4	91.3	91.9	94.2	94.5	95.2	96.5	96.8	97.7	100.0
≥ 0	31.9	67.7	74.5	79.4	82.6	86.1	88.4	91.3	91.9	94.2	94.5	95.2	96.5	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 316

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

107 (STATION) LAKEHURST, NJ (STATION NAME) 72-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	24.9	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	39.4
≥ 20000	31.4	47.6	48.5	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3
18000	31.4	47.6	48.5	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3
16000	31.4	47.6	48.5	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3
14000	31.4	47.6	48.5	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3
12000	32.0	48.5	49.5	49.5	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.3
10000	33.3	51.5	52.4	52.4	52.4	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.3
9000	33.3	51.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.6
8000	36.6	57.3	58.3	58.6	59.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.4
7000	36.9	58.6	59.6	59.9	60.2	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.4
6000	36.9	59.2	60.2	60.5	61.2	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
5000	37.2	60.5	61.5	62.1	62.8	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
4500	37.9	61.8	62.8	63.8	64.7	64.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
4000	38.3	64.4	65.4	66.3	68.0	68.3	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
3500	41.8	68.3	69.3	70.2	71.8	72.2	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
3000	44.2	71.8	72.8	74.1	75.7	76.1	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
2500	45.7	73.8	75.1	77.0	79.0	79.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
2000	46.2	76.1	77.4	79.3	81.6	81.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1800	46.2	76.1	77.4	79.3	81.6	81.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
1500	46.2	76.1	77.4	79.6	82.2	82.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
1200	46.2	76.4	78.2	80.3	82.9	83.2	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
1000	46.2	76.4	78.3	80.6	83.2	83.5	84.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.1
900	46.2	76.4	78.3	80.6	83.2	83.5	85.4	86.7	86.7	86.7	86.7	86.7	87.1	87.1	87.1	87.1
800	46.2	76.4	78.3	80.9	84.5	84.8	87.1	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0
700	46.2	76.4	78.3	80.9	84.8	85.1	87.7	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6
600	46.3	76.7	78.6	81.2	85.4	85.8	88.4	90.3	90.3	90.3	90.3	90.6	90.9	90.9	90.9	90.9
500	46.3	76.7	78.6	81.6	85.8	86.1	88.7	91.3	91.3	91.6	91.6	91.9	92.2	92.2	92.2	92.2
400	46.3	76.7	78.6	81.6	86.4	87.4	90.3	93.2	93.2	93.9	94.2	94.5	94.8	94.8	94.8	94.8
300	46.3	76.7	78.6	81.6	86.7	88.0	91.3	94.8	94.8	95.8	96.1	96.4	96.8	96.8	97.4	97.4
200	46.3	76.7	78.6	81.6	86.7	88.0	91.6	95.8	95.8	97.4	98.1	98.4	98.7	99.0	99.7	99.7
100	46.3	76.7	78.6	81.6	86.7	88.0	91.6	95.8	95.8	97.4	98.1	98.4	98.7	99.4	100.0	100.0
0	46.3	76.7	78.6	81.6	86.7	88.0	91.6	95.8	95.8	97.4	98.1	98.4	98.7	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

247 (STATION) LANGHURST, NJ (STATION NAME) 73-32 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

12 (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	33.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	33.2	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	33.2	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 16000	33.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000	33.6	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000	33.6	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	35.5	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 9000	35.5	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 8000	37.1	52.3	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 7000	37.4	53.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 6000	37.7	53.9	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 5000	38.1	55.2	55.8	55.8	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 4500	39.4	57.1	57.7	57.7	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000	41.3	62.6	63.2	63.2	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500	46.1	68.7	69.4	69.7	70.0	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3000	50.0	74.8	75.5	75.8	76.8	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	51.0	76.5	77.4	77.7	79.0	79.4	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2000	51.6	78.1	79.4	80.0	81.3	81.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1800	51.9	78.4	79.7	80.3	81.6	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	51.9	78.7	80.0	81.6	83.6	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	51.9	78.7	80.0	81.6	83.6	83.9	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	52.3	79.7	81.9	82.9	85.5	86.8	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	52.3	80.3	82.3	83.2	86.5	87.7	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	52.3	80.3	82.9	83.9	87.4	88.7	90.0	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	52.3	80.7	83.2	84.2	88.1	89.4	91.0	91.9	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3
≥ 600	52.3	80.7	83.2	84.2	88.7	90.3	91.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	52.3	80.7	83.2	84.2	89.7	90.7	92.6	94.2	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 400	52.3	80.7	83.2	84.5	89.7	91.9	94.5	97.1	97.1	97.4	97.7	97.7	97.7	97.7	98.1	98.1
≥ 300	52.3	80.7	83.2	84.5	89.7	91.9	94.5	97.4	97.4	97.7	98.4	98.4	98.4	98.4	99.0	99.0
≥ 200	52.3	80.7	83.2	84.5	89.7	91.9	94.5	97.4	97.7	98.1	98.7	98.7	98.7	98.7	99.7	99.7
≥ 100	52.3	80.7	83.2	84.5	89.7	91.9	94.5	97.4	97.7	98.1	98.7	99.0	99.0	99.0	100.0	100.0
0	52.3	80.7	83.2	84.5	89.7	91.9	94.5	97.4	97.7	98.1	98.7	99.0	99.0	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

167 (STATION) LAKEHURST, NJ (STATION NAME) 72-82 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	27.4	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	32.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	32.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	32.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	32.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 12000	32.6	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 10000	35.2	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 9000	35.2	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 8000	35.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 7000	36.5	58.4	58.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 6000	36.8	59.1	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 5000	37.1	59.7	60.0	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 4500	38.1	62.3	62.6	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4000	41.7	67.4	67.7	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 3500	42.0	70.7	71.0	71.6	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3000	45.8	76.5	76.8	77.4	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	46.1	78.7	79.4	80.3	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	46.5	80.3	80.7	81.6	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	46.5	80.3	81.0	81.9	82.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	46.8	80.7	81.3	82.6	83.2	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	46.8	81.3	82.3	83.6	84.5	85.2	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	46.8	81.6	82.9	84.2	85.2	86.1	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	46.8	81.6	82.9	84.5	85.5	86.5	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800	46.8	81.9	83.2	84.8	86.1	87.1	87.7	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 700	46.8	82.6	83.9	85.5	87.7	89.0	90.3	91.0	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	46.8	82.9	84.2	85.8	88.1	89.4	91.6	92.3	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2
≥ 500	46.8	83.2	84.5	86.1	88.7	90.3	92.9	93.9	94.2	94.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	46.8	83.2	84.5	86.1	89.0	91.0	93.6	94.8	95.2	95.2	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	46.8	83.2	84.5	86.1	89.4	91.3	94.2	96.5	96.8	97.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	46.8	83.2	84.5	86.1	89.4	91.3	94.2	96.5	96.8	97.1	99.0	99.0	99.0	99.0	99.4	99.4
≥ 100	46.8	83.2	84.5	86.1	89.4	91.3	94.2	96.5	96.8	97.1	99.0	99.0	99.4	99.4	100.0	100.0
0	46.8	83.2	84.5	86.1	89.4	91.3	94.2	96.5	96.8	97.1	99.0	99.0	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 312

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 — STATION | LAKEHURST, NJ — STATION NAME | 73-82 — YEARS | MAR — MONTH | 12 — HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 14000	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 10000	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	57.7	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	61.6	61.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 7000	63.9	64.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 6000	63.9	64.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 5000	64.2	64.5	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4500	67.1	69.4	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	70.7	71.9	73.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5
≥ 3500	72.6	73.9	75.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8
≥ 3000	75.8	77.1	78.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0
≥ 2500	78.1	79.7	81.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 2000	79.4	80.7	82.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2
≥ 1800	79.4	80.7	82.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2
≥ 1500	80.0	82.3	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.1
≥ 1200	80.3	82.3	83.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.1	86.1
≥ 1000	80.3	82.3	83.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5	86.8	86.8	86.8	86.8
≥ 900	80.3	82.3	83.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5	86.8	86.8	86.8	86.8
≥ 800	80.3	82.6	84.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	88.1	88.1	88.1	88.1
≥ 700	80.3	82.6	85.2	87.7	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.7	89.7	89.7	89.7
≥ 600	80.3	82.6	85.5	88.4	89.4	90.3	90.7	90.7	91.0	91.0	91.3	91.6	91.6	91.6	91.6	91.6
≥ 500	80.3	82.6	86.5	89.7	91.3	92.9	93.2	93.2	93.6	93.6	93.9	94.2	94.2	94.2	94.2	94.2
≥ 400	80.3	82.6	86.5	90.7	92.3	93.9	94.2	94.2	94.8	94.8	95.2	95.8	95.8	95.8	95.8	95.8
≥ 300	80.3	82.6	86.5	90.7	92.3	94.2	94.8	95.2	95.8	95.8	96.1	96.8	96.8	96.8	96.8	96.8
≥ 200	80.3	82.6	86.5	90.7	92.3	94.2	95.5	96.1	96.8	97.1	97.4	98.1	98.1	98.7	98.7	98.7
≥ 100	80.3	82.6	86.5	90.7	92.3	94.2	95.5	96.1	96.8	97.1	97.4	98.1	99.0	100.0	100.0	100.0
0	80.3	82.6	86.5	90.7	92.3	94.2	95.5	96.1	96.8	97.1	97.4	98.1	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	49.7	49.4	49.7	49.7	[illegible]	50.3	[illegible]	50.3	50.3	50.3	50.3	50.7	50.7	51.0	[illegible]
≥ 20000	[illegible]	[illegible]	53.9	54.2	54.2	[illegible]	[illegible]	[illegible]	[illegible]	54.8	54.8	54.8	55.2	55.2	55.5	[illegible]
≥ 18000	[illegible]	53.2	[illegible]	54.2	54.2	[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]	53.6	54.2	54.5	54.5	[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

3

[illegible] STATION | [illegible] STATION NAME | 72-75 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	40.[illegible]	40.[illegible]	41.2	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.7	41.[illegible]
20000	31.1	47.4	48.[illegible]	48.6	48.6	48.8	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.4	49.6
≥ 18000	31.1	47.4	48.7	48.6	48.6	48.8	49.0	49.1	49.1	49.1	49.2	49.2	49.3	49.3	49.4	49.6
≥ 16000	31.1	47.5	48.3	48.7	48.7	48.8	49.0	49.1	49.1	49.2	49.2	49.3	49.4	49.4	49.5	49.6
≥ 14000	31.2	47.7	48.6	48.9	48.9	49.1	49.2	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.7	49.9
≥ 12000	31.4	48.5	49.3	49.7	49.7	49.9	50.1	50.2	50.3	50.3	50.4	50.5	50.5	50.6	50.7	[illegible]
≥ 10000	32.1	51.6	52.6	53.0	53.0	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.8	[illegible]
≥ 9000	33.2	52.[illegible]	53.1	53.5	53.5	53.6	53.8	54.0	54.0	54.0	54.1	54.1	54.2	54.2	54.3	[illegible]
≥ 8000	35.0	56.7	57.8	58.4	58.6	58.8	59.1	59.2	59.2	59.3	59.3	59.4	59.5	59.5	59.6	[illegible]
≥ 7000	35.[illegible]	58.7	59.9	60.6	60.8	61.0	61.3	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.8	[illegible]
≥ 6000	36.2	59.[illegible]	60.[illegible]	61.0	61.[illegible]	61.5	61.8	62.0	62.[illegible]	62.0	62.[illegible]	62.1	62.[illegible]	62.2	62.[illegible]	62.4
≥ 5000	36.[illegible]	60.7	62.[illegible]	62.7	63.[illegible]	63.3	63.8	63.9	63.[illegible]	64.0	64.0	64.1	64.2	64.[illegible]	64.3	64.4
≥ 4500	37.7	63.[illegible]	64.4	65.3	65.9	66.1	66.6	66.8	66.[illegible]	66.9	66.[illegible]	66.9	67.0	67.[illegible]	67.1	67.[illegible]
≥ 4000	38.3	66.5	67.9	68.9	69.7	69.9	70.5	70.7	70.7	70.8	70.[illegible]	70.9	71.0	71.0	71.1	71.3
≥ 3500	41.1	69.4	70.9	71.9	73.[illegible]	73.2	73.7	73.9	73.9	74.0	74.1	74.1	74.3	74.3	74.4	74.5
≥ 3000	42.[illegible]	73.0	74.5	75.6	76.7	77.0	77.4	77.8	77.8	77.9	78.0	78.[illegible]	78.1	78.1	78.2	78.4
≥ 2500	43.4	74.8	76.5	77.9	79.1	79.4	80.[illegible]	80.2	80.[illegible]	80.3	80.[illegible]	80.4	80.5	80.5	80.6	80.8
≥ 2000	43.[illegible]	76.0	77.9	79.4	80.7	81.1	81.6	81.9	81.[illegible]	82.0	82.[illegible]	82.1	82.2	82.2	82.3	82.4
≥ 1800	43.[illegible]	76.1	78.0	79.5	80.8	81.2	81.8	82.0	82.[illegible]	82.1	82.2	82.3	82.4	82.4	82.5	82.6
≥ 1500	43.[illegible]	76.7	78.9	80.6	82.2	82.7	83.3	83.6	83.6	83.7	83.8	83.9	84.0	84.[illegible]	84.1	84.3
≥ 1200	43.[illegible]	77.1	79.[illegible]	81.1	82.8	83.4	84.1	84.4	84.4	84.6	84.7	84.7	84.8	84.8	84.9	85.1
≥ 1000	44.[illegible]	77.4	80.[illegible]	81.8	83.6	84.5	85.2	85.6	85.6	85.8	85.9	86.0	86.[illegible]	86.[illegible]	86.3	86.5
≥ 900	44.[illegible]	77.4	80.1	82.0	84.[illegible]	84.9	85.8	86.3	86.4	86.6	86.7	86.8	87.0	87.[illegible]	87.1	87.3
≥ 800	44.[illegible]	77.7	80.3	82.5	84.7	85.7	86.7	87.2	87.4	87.6	87.8	87.9	88.1	88.1	88.2	88.3
≥ 700	44.[illegible]	77.9	80.6	[illegible].6	85.3	86.5	87.7	88.5	88.6	88.9	89.1	89.1	89.[illegible]	89.[illegible]	89.4	89.6
≥ 600	44.1	78.[illegible]	80.[illegible]	[illegible].1	85.[illegible]	87.2	88.9	89.8	89.9	90.2	90.5	90.6	90.8	90.8	90.9	91.1
≥ 500	44.1	78.2	81.[illegible]	[illegible].6	86.6	88.3	90.[illegible]	91.6	91.7	92.2	92.5	92.6	92.8	92.8	92.9	93.1
≥ 400	44.1	78.2	81.0	83.6	87.2	89.1	91.[illegible]	92.9	93.1	93.6	94.[illegible]	94.1	94.[illegible]	94.[illegible]	94.5	94.7
≥ 300	44.1	78.2	81.0	83.7	87.5	89.5	91.9	94.0	94.2	95.1	95.7	95.8	96.1	96.1	96.4	96.5
≥ 200	44.1	78.2	81.0	83.7	87.5	89.5	92.0	94.6	94.9	95.9	96.3	97.0	97.5	97.6	98.1	98.3
≥ 100	44.1	78.2	81.0	83.7	87.5	89.5	92.0	94.6	95.0	96.0	97.0	97.3	97.9	98.3	99.2	99.8
0	44.1	78.2	81.0	83.7	87.5	89.5	92.0	94.6	95.0	96.0	97.0	97.3	97.9	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]2045

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000	1.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3	73.3	73.3
≥ 7000	1.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3	73.3	73.3
≥ 6000	1.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3	73.3	73.3
≥ 5000	2.3	75.6	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.8	77.8	77.8
≥ 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

3

STATION _____ STATION NAME _____ 73-75 YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

3

[illegible] STATION | LAKEHURST, NJ STATION NAME | 73-82 YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 HOURS (L S T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	47.7	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	52.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	52.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	52.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	52.3	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 12000	52.3	54.7	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	56.7	59.0	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	57.3	60.3	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	[illegible]	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	[illegible]	67.[illegible]	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	[illegible]	67.3	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	[illegible]	69.7	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4500	43.7	72.7	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	47.0	77.7	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 3500	47.7	79.0	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 3000	49.3	83.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	49.7	84.7	85.7	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2000	49.7	85.3	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	49.7	85.3	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1500	49.7	85.3	86.3	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
≥ 1200	49.7	86.0	87.0	87.7	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	[illegible]	87.0	88.0	88.7	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	[illegible]	87.0	88.0	89.0	89.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 800	[illegible]	87.0	88.7	90.0	91.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	[illegible]	87.3	88.0	90.3	91.3	92.7	93.0	94.0	94.[illegible]	94.0	94.[illegible]	94.[illegible]	94.[illegible]	94.[illegible]	94.0	94.0
≥ 600	[illegible]	87.3	89.0	90.3	91.7	93.0	93.3	95.0	95.0	95.0	95.0	95.0	95.[illegible]	95.[illegible]	95.3	95.3
≥ 500	[illegible]	87.3	89.0	90.3	91.7	93.0	94.0	96.0	96.7	96.3	96.3	96.3	96.3	96.7	96.3	96.3
≥ 400	[illegible]	87.3	89.0	90.3	92.0	93.3	94.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	[illegible]	87.3	89.0	90.3	92.0	93.3	95.0	97.7	98.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	[illegible]	87.3	89.0	90.3	92.0	93.3	95.0	97.7	99.7	99.0	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	[illegible]	87.3	89.0	90.3	92.0	93.3	95.0	97.7	99.7	99.0	99.7	99.7	99.7	99.7	99.7	100.0
0	[illegible]	87.3	89.0	90.3	92.0	93.3	95.0	97.7	99.7	99.[illegible]	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	73-82	APR

HOURS (LST) 13

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	[illegible]	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	[illegible]	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	[illegible]	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	[illegible]	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	[illegible]	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 10000	[illegible]	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	[illegible]	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	[illegible]	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	[illegible]	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	[illegible]	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 5000	[illegible]	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4500	[illegible]	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 4000	[illegible]	73.7	74.3	74.3	74.3	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	[illegible]	76.0	77.0	77.3	77.7	78.0	78.0	78.3	78.3	78.3	78.3	79.3	79.3	78.3	78.3	78.3
≥ 3000	[illegible]	81.7	82.7	83.0	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2500	[illegible]	83.3	84.3	84.7	85.7	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	[illegible]	84..	85.0	85.3	86.3	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	[illegible]	84..	85.0	85.3	86.3	87.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	[illegible]	85.0	86.0	86.3	87.7	88.3	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	[illegible]	85.7	86.7	87.7	89.0	89.7	90.0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1000	[illegible]	86.7	87.7	88.7	91.3	91.3	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	[illegible]	87.0	89.0	89.3	91.3	92.0	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	[illegible]	87.3	88.3	90.0	92.3	93.3	94.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	[illegible]	87.3	88.7	90.3	93.0	94.0	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	[illegible]	87.3	88.7	90.7	93.3	94.3	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	[illegible]	87.3	89.7	91.0	93.7	95.3	96.3	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3
≥ 400	[illegible]	87.3	88.7	91.0	93.7	95.7	96.7	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7
≥ 300	[illegible]	87.3	88.7	91..	93.7	95.7	97.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3
≥ 200	[illegible]	87.3	88.7	91..	93.7	95.7	97.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	87.3	88.7	91.0	93.7	95.7	97.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0
0	[illegible]	87.3	88.7	91.0	93.7	95.7	97.0	99.0	99.0	99.0	99.0	99.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

16 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.4	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	37.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	37.9	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	37.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	37.8	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	39.1	55.5	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	41.5	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	41.8	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	43.1	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	43.1	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 6000	43.1	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 5000	44.3	65.6	65.9	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	46.2	69.6	70.2	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	50.2	76.3	76.9	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3500	51.3	78.6	79.6	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	54.2	82.6	83.6	84.3	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	54.9	83.6	84.6	85.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	55.2	84.3	85.3	86.0	87.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	55.2	85.3	86.0	86.6	87.6	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	55.2	86.3	87.0	87.6	88.6	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	55.2	86.3	87.6	88.3	89.3	89.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	55.2	86.6	89.3	89.0	90.3	90.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	55.2	86.6	88.6	89.3	90.6	90.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	55.2	87.3	89.3	90.3	92.0	92.0	93.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 700	55.2	87.3	89.6	90.6	92.3	92.6	94.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	55.2	87.3	89.6	90.6	92.3	93.0	95.0	96.0	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	55.2	87.3	89.6	90.6	92.3	93.0	96.0	97.0	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	55.2	87.3	89.6	90.6	92.3	93.0	96.0	97.0	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	55.2	87.3	89.6	90.6	92.6	93.3	96.7	97.7	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	55.2	87.3	89.6	90.6	92.6	93.3	96.7	97.7	98.0	98.7	99.3	99.3	99.3	99.7	99.7	99.7
≥ 100	55.2	87.3	89.6	90.6	92.6	93.3	96.7	97.7	98.0	98.7	99.3	99.3	99.3	99.7	100.0	100.0
≥ 0	55.2	87.3	89.6	90.6	92.6	93.3	96.7	97.7	98.0	98.7	99.3	99.3	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

[illegible] (STATION) LAKEHURST, NJ (STATION NAME) 73-92 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	48.3	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	35.[illegible]	58.5	59.2	59.2	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	35.[illegible]	58.5	59.2	59.2	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	35.[illegible]	58.5	59.2	59.2	59.5	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	36.[illegible]	59.5	60.2	60.2	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	37.[illegible]	61.9	62.5	62.5	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 10000	39.1	64.6	65.2	65.2	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 9000	39.1	64.6	65.2	65.2	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 8000	40.[illegible]	68.2	68.9	68.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	41.5	69.9	70.6	70.6	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	41.[illegible]	70.6	71.6	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 5000	42.[illegible]	72.2	73.2	73.6	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	44.[illegible]	75.9	76.9	77.3	77.6	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	45.[illegible]	79.6	81.6	81.9	82.3	82.9	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3500	45.[illegible]	80.9	82.6	84.0	84.3	85.0	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	46.5	81.6	83.3	84.6	85.0	86.3	86.6	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2500	46.5	82.3	84.0	85.3	85.6	87.0	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	46.5	82.9	84.6	86.0	86.3	87.6	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	46.5	82.9	85.0	86.3	86.6	88.0	88.3	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	46.5	83.3	85.3	87.0	87.3	89.0	89.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	46.5	83.3	85.3	87.0	87.3	89.0	89.6	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	46.9	83.6	85.6	87.6	88.0	90.0	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	46.9	84.0	86.0	88.0	88.3	90.3	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	46.[illegible]	84.0	86.0	88.3	89.3	91.6	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	46.[illegible]	84.0	86.0	88.3	89.3	91.6	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	46.[illegible]	84.0	86.0	88.3	89.3	92.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 500	46.[illegible]	84.3	86.3	89.0	90.0	93.0	95.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	46.[illegible]	84.3	86.3	89.0	90.0	93.0	95.3	96.3	96.3	97.0	97.0	97.3	97.3	97.3	97.3	97.3
≥ 300	46.[illegible]	84.6	86.6	89.3	90.6	93.7	96.3	97.3	97.3	98.0	98.3	98.7	98.7	98.7	98.7	98.7
≥ 200	46.[illegible]	84.6	86.6	89.3	90.6	93.7	96.3	97.3	97.3	98.3	99.0	99.3	99.3	99.3	99.7	99.7
≥ 100	46.[illegible]	84.6	86.6	89.3	90.6	93.7	96.3	97.3	97.3	98.3	99.3	99.7	99.7	99.7	100.0	100.0
≥ 0	46.[illegible]	84.6	86.6	89.3	90.6	93.7	96.3	97.3	97.3	98.3	99.3	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 209

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

14[illegible] (STATION) LANGHURST, NJ (STATION NAME) 73-82 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	35.7	59.7	60.7	60.7	60.7	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	35.7	59.7	60.7	60.7	61.7	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	35.7	59.7	60.7	60.7	62.7	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	36.0	60.0	61.0	61.0	61.7	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	36.7	61.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	38.3	65.0	66.3	66.3	66.3	66.7	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	39.0	65.7	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	41.7	70.3	71.7	72.0	72.0	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 7000	42.3	72.3	73.7	74.0	74.0	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 6000	42.3	72.7	74.7	74.3	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	43.0	74.7	76.3	77.3	77.3	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	44.3	77.0	79.0	80.0	80.0	80.3	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	46.0	80.0	82.3	83.3	83.7	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	46.0	80.7	83.3	84.3	84.7	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	46.7	82.0	84.7	85.7	86.0	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 2500	46.7	82.0	84.7	86.0	86.7	87.0	87.0	87.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	46.7	83.0	85.7	87.3	88.0	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1800	46.7	83.3	86.3	88.0	88.7	89.3	89.3	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	47.0	84.0	87.0	88.7	89.3	90.3	90.3	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	47.0	84.7	87.7	89.3	90.0	91.0	91.3	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	47.3	85.0	88.0	89.7	90.7	91.7	92.0	92.0	92.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	47.3	85.0	88.0	90.0	91.0	92.0	92.3	92.3	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	47.3	85.3	88.3	90.3	91.3	92.3	92.7	92.7	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	47.3	85.3	88.3	90.3	91.3	92.3	93.0	93.0	93.0	93.7	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	47.3	85.7	88.7	91.0	92.0	93.3	94.0	94.3	94.3	95.0	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	47.3	86.0	89.0	91.3	92.3	93.7	94.7	95.0	95.0	95.7	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	47.3	86.0	89.0	91.7	93.0	94.3	95.3	95.7	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	47.3	86.0	89.0	91.7	93.0	94.7	96.3	96.7	96.7	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	47.3	86.0	89.0	91.7	93.3	95.0	96.7	97.0	97.0	98.0	99.0	99.0	99.3	99.3	99.3	99.3
≥ 100	47.3	86.0	89.0	91.7	93.3	95.0	96.7	97.0	97.0	98.0	99.0	99.0	99.3	99.3	99.7	100.0
0	47.3	86.0	89.0	91.7	93.3	95.0	96.7	97.0	97.0	98.0	99.0	99.0	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14732 (STATION) LAKEHURST, NJ (STATION NAME) 72-82 (YEARS) APR (MONTH)

ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	31.6	49.3	49.8	50.0	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 20000	35.6	55.5	56.1	56.3	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
≥ 18000	35.6	55.6	56.2	56.4	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 16000	35.6	55.6	56.2	56.4	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
≥ 14000	35.8	55.9	56.5	56.7	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
≥ 12000	36.7	57.3	57.8	58.0	58.4	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
≥ 10000	38.8	60.6	61.3	61.5	61.9	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	39.1	61.1	61.7	62.0	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7
≥ 8000	41.2	65.2	65.9	66.3	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	41.3	66.9	67.8	68.2	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	42.1	67.4	68.4	68.8	69.2	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	43.3	69.7	70.7	71.2	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 4500	44.8	72.5	73.7	74.2	74.7	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	47.5	77.5	78.7	79.5	80.0	80.5	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 3500	48.4	78.9	80.4	81.2	81.8	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7
≥ 3000	49.7	81.5	83.1	83.9	84.6	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 2500	50.1	82.3	83.9	84.8	85.7	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 2000	50.2	83.0	84.6	85.6	86.6	87.3	87.6	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
≥ 1800	50.2	83.2	84.8	85.9	86.9	87.6	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2
≥ 1500	50.4	83.7	85.4	86.6	87.7	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 1200	50.4	84.2	86.0	87.2	88.4	89.3	89.7	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 1000	50.6	84.8	86.7	87.9	89.3	90.3	90.9	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 900	50.7	84.9	86.9	88.3	89.6	90.7	91.3	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 800	50.7	85.2	87.3	88.9	90.5	91.7	92.5	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	50.7	85.3	87.5	89.1	90.9	92.2	93.3	93.8	93.8	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	50.7	85.3	87.6	89.3	91.1	92.5	93.8	94.5	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	50.7	85.4	87.7	89.5	91.5	93.1	94.8	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 400	50.7	85.5	87.8	89.6	91.7	93.5	95.3	96.5	96.5	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 300	50.7	85.5	87.9	89.7	91.9	93.7	96.0	97.4	97.5	98.0	98.3	98.3	98.5	98.5	98.5	98.5
≥ 200	50.7	85.5	87.9	89.7	92.0	93.8	96.0	97.5	97.7	98.4	98.9	98.9	99.3	99.3	99.4	99.5
≥ 100	50.7	85.5	87.9	89.7	92.0	93.8	96.0	97.5	97.7	98.4	98.9	99.0	99.3	99.4	99.5	100.0
0	50.7	85.5	87.9	89.7	92.0	93.8	96.0	97.5	97.7	98.4	98.9	99.0	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1978

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

14732 (STATION) LANCHURST, NJ (STATION NAME) 73-75 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 (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	32.4	33.3	37.6	39.7	40.9	41.9	43.0	43.0	43.0	44.1	44.1	44.1	45.2	45.2	45.2	45.2
≥ 20000	32.4	36.6	40.9	41.9	44.1	45.2	46.2	46.2	46.2	47.3	47.3	47.3	48.4	48.4	48.4	48.4
≥ 18000	32.4	36.6	40.9	41.9	44.1	45.2	46.2	46.2	46.2	47.3	47.3	47.3	48.4	48.4	48.4	48.4
≥ 16000	32.4	36.6	40.9	41.9	44.1	45.2	46.2	46.2	46.2	47.3	47.3	47.3	48.4	48.4	48.4	48.4
≥ 14000	32.4	36.6	40.9	41.9	44.1	45.2	46.2	46.2	46.2	47.3	47.3	47.3	48.4	48.4	48.4	48.4
≥ 12000	32.4	37.6	41.9	43.0	45.2	46.2	47.3	47.3	47.3	48.4	48.4	48.4	49.5	49.5	49.5	49.5
≥ 10000	38.7	44.1	48.4	49.5	51.6	52.7	53.8	53.8	53.8	54.8	54.8	54.8	55.9	55.9	55.9	55.9
≥ 9000	38.7	45.2	49.5	50.5	52.7	53.8	54.8	54.8	54.8	55.9	55.9	55.9	57.0	57.0	57.0	57.0
≥ 8000	39.1	49.7	53.8	54.8	57.0	58.1	59.1	59.1	59.1	60.2	60.2	60.2	61.3	61.3	61.3	61.3
≥ 7000	41.2	53.8	58.1	59.1	61.3	63.4	64.5	64.5	64.5	65.6	65.6	65.6	66.7	66.7	66.7	66.7
≥ 6000	41.2	53.8	58.1	60.2	62.4	64.5	65.6	65.6	65.6	66.7	66.7	66.7	67.7	67.7	67.7	67.7
≥ 5000	41.2	54.8	59.1	62.4	64.5	66.7	67.7	67.7	67.7	68.8	68.8	68.8	69.9	69.9	69.9	69.9
≥ 4500	41.2	54.8	59.1	62.4	64.5	66.7	67.7	67.7	67.7	68.8	68.8	68.8	69.9	69.9	69.9	69.9
≥ 4000	42.3	59.1	63.4	67.7	71.0	73.1	74.2	74.2	74.2	75.3	75.3	75.3	76.3	76.3	76.3	76.3
≥ 3500	42.3	59.1	63.4	67.7	71.0	73.1	74.2	74.2	74.2	75.3	75.3	75.3	76.3	76.3	76.3	76.3
≥ 3000	42.3	59.1	63.4	67.7	71.0	73.1	74.2	74.2	74.2	75.3	75.3	75.3	76.3	76.3	76.3	76.3
≥ 2500	43.3	61.3	65.6	69.9	73.1	75.3	77.4	77.4	77.4	78.5	78.5	78.5	79.6	79.6	79.6	79.6
≥ 2000	43.3	61.3	65.6	69.9	73.1	75.3	77.4	77.4	77.4	78.5	78.5	78.5	79.6	79.6	79.6	79.6
≥ 1800	43.3	61.3	65.6	69.9	73.1	75.3	77.4	77.4	77.4	78.5	78.5	78.5	79.6	79.6	79.6	79.6
≥ 1500	43.3	62.4	66.7	71.0	74.2	76.3	78.5	78.5	78.5	80.7	80.7	80.7	81.7	81.7	81.7	81.7
≥ 1200	43.3	62.4	66.7	71.0	74.2	76.3	78.5	78.5	78.5	80.7	80.7	80.7	81.7	81.7	81.7	81.7
≥ 1000	43.3	62.4	66.7	71.0	74.2	76.3	79.6	79.6	79.6	81.7	81.7	81.7	82.8	82.8	82.8	82.8
≥ 900	43.3	62.4	66.7	71.0	74.2	76.3	79.6	79.6	79.6	81.7	81.7	81.7	82.8	82.8	82.8	82.8
≥ 800	43.3	62.4	66.7	71.0	74.2	76.3	79.6	79.6	79.6	81.7	81.7	81.7	82.8	82.8	82.8	82.8
≥ 700	43.3	62.4	66.7	72.0	75.3	77.4	80.7	82.8	82.8	85.0	85.0	85.0	86.0	86.0	86.0	87.1
≥ 600	43.3	63.4	69.9	75.3	78.5	80.7	83.9	86.0	86.0	88.2	88.2	88.2	89.3	89.3	89.3	90.3
≥ 500	43.3	64.5	71.0	76.3	79.6	81.7	85.0	87.1	87.1	89.3	89.3	89.3	90.3	90.3	90.3	91.4
≥ 400	43.3	64.5	71.0	76.3	80.7	82.8	86.0	88.2	88.2	90.3	90.3	90.3	91.4	91.4	91.4	92.5
≥ 300	43.3	64.5	71.0	76.3	80.7	82.8	87.1	89.3	89.3	92.5	92.5	92.5	93.6	93.6	93.6	94.6
≥ 200	43.3	64.5	71.0	76.3	80.7	82.8	87.1	89.3	89.3	92.5	92.5	92.5	93.6	93.6	94.6	95.7
≥ 100	43.3	64.5	71.0	76.3	80.7	82.8	87.1	89.3	89.3	92.5	92.5	92.5	93.6	93.6	95.7	98.9
≥ 0	43.3	64.5	71.0	76.3	80.7	82.8	87.1	89.3	89.3	92.5	92.5	92.5	93.6	93.6	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 [illegible]	LAKEHURST, NJ	72-76	MAY
STATION	STATION NAME	YEARS	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	14.1	32.3	33.3	34.4	37.6	38.7	38.7	38.7	38.7	40.9	41.9	41.9	41.9	41.9	41.9	43.0
≥ 20000	16.1	36.6	38.7	39.8	44.1	45.2	45.2	45.2	45.2	47.3	48.4	48.4	48.4	48.4	48.4	49.5
≥ 18000	16.1	36.6	38.7	39.8	44.1	45.2	45.2	45.2	45.2	47.3	48.4	48.4	48.4	48.4	48.4	49.5
≥ 16000	16.1	36.6	38.7	39.8	44.1	45.2	45.2	45.2	45.2	47.3	48.4	48.4	48.4	48.4	48.4	49.5
≥ 14000	16.1	36.6	38.7	39.8	44.1	45.2	45.2	45.2	45.2	47.3	48.4	48.4	48.4	48.4	48.4	49.5
≥ 12000	17.2	38.7	40.9	41.9	46.2	47.3	47.3	47.3	47.3	49.5	50.5	50.5	50.5	50.5	50.5	51.6
≥ 10000	18.3	39.8	41.9	43.0	47.3	48.4	48.4	48.4	48.4	50.5	51.6	51.6	51.6	51.6	51.6	52.7
≥ 9000	19.4	40.9	43.0	44.1	48.4	49.5	49.5	49.5	49.5	51.6	52.7	52.7	52.7	52.7	52.7	53.8
≥ 8000	20.4	44.1	46.2	47.3	52.7	53.8	53.8	53.8	53.8	55.9	57.0	57.0	57.0	57.0	57.0	58.1
≥ 7000	22.6	47.3	49.5	50.5	55.9	57.0	57.0	57.0	57.0	59.1	60.2	60.2	60.2	60.2	60.2	61.3
≥ 6000	24.7	49.5	51.6	52.7	58.1	59.1	59.1	59.1	59.1	61.3	62.4	62.4	62.4	62.4	62.4	63.4
≥ 5000	24.7	51.6	53.8	54.8	60.2	61.3	62.4	62.4	62.4	64.5	65.6	65.6	65.6	65.6	65.6	66.7
≥ 4500	24.7	54.8	57.0	58.1	63.4	64.5	65.6	65.6	65.6	67.7	68.8	68.8	68.8	68.8	68.8	69.9
≥ 4000	24.7	55.9	58.1	59.1	64.5	65.6	66.7	66.7	66.7	68.8	69.9	69.9	69.9	69.9	69.9	71.0
≥ 3500	24.7	58.1	60.2	61.3	66.7	67.7	68.8	68.8	68.8	71.0	72.0	72.0	72.0	72.0	72.0	73.1
≥ 3000	24.7	58.1	60.2	61.3	66.7	67.7	68.8	68.8	68.8	71.0	72.0	72.0	72.0	72.0	72.0	73.1
≥ 2500	24.7	59.1	61.3	62.4	67.7	68.8	69.9	69.9	69.9	72.0	73.1	73.1	73.1	73.1	73.1	74.2
≥ 2000	24.7	60.2	62.4	63.4	69.9	71.0	72.0	72.0	72.0	74.2	75.3	75.3	75.3	75.3	75.3	76.3
≥ 1800	24.7	60.2	62.4	63.4	69.9	71.0	72.0	72.0	72.0	74.2	75.3	75.3	75.3	75.3	75.3	76.3
≥ 1500	24.7	61.3	63.4	64.5	71.0	72.0	73.1	73.1	73.1	75.3	76.3	76.3	76.3	76.3	76.3	77.4
≥ 1200	24.7	61.3	63.4	64.5	71.0	72.0	73.1	73.1	73.1	75.3	76.3	76.3	76.3	76.3	76.3	77.4
≥ 1000	24.7	62.4	64.5	65.6	72.0	73.1	74.2	74.2	74.2	76.3	77.4	77.4	77.4	77.4	77.4	78.5
≥ 900	24.7	62.4	64.5	65.6	72.0	73.1	75.3	75.3	75.3	77.4	78.5	78.5	78.5	78.5	78.5	80.7
≥ 800	24.7	63.4	65.6	66.7	73.1	74.2	76.3	76.3	76.3	78.5	79.6	79.6	79.6	79.6	79.6	81.7
≥ 700	25.8	64.5	66.7	67.7	74.2	75.3	77.4	77.4	77.4	79.6	80.7	80.7	80.7	80.7	80.7	82.8
≥ 600	25.8	64.5	67.7	68.8	75.3	77.4	79.6	79.6	79.6	81.7	82.8	82.8	82.8	82.8	82.8	84.9
≥ 500	25.8	64.5	68.8	69.9	77.4	80.7	82.8	83.9	83.9	86.0	87.1	87.1	87.1	87.1	87.1	89.3
≥ 400	25.8	64.5	68.8	69.9	77.4	80.7	82.8	83.9	83.9	86.0	88.2	88.2	88.2	88.2	88.2	90.3
≥ 300	25.8	64.5	68.8	69.9	77.4	80.7	83.9	85.0	85.0	87.1	91.4	91.4	92.5	92.5	92.5	94.6
≥ 200	25.8	64.5	68.8	69.9	77.4	80.7	83.9	85.0	85.0	87.1	91.4	91.4	92.5	92.5	93.6	95.7
≥ 100	25.8	64.5	68.8	69.9	77.4	80.7	83.9	85.0	85.0	87.1	91.4	91.4	92.5	92.5	94.6	100.0
0	25.8	64.5	68.8	69.9	77.4	80.7	83.9	85.0	85.0	87.1	91.4	91.4	92.5	92.5	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 93

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	73-[illegible]	MAY

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	31.7	33.9	35.5	39.7	40.3	40.7	41.3	41.9	41.9	41.9	41.9	41.9	41.9	42.3	42.8	43.4
≥ 20000	13.9	38.4	41.0	43.9	46.1	46.5	47.1	47.7	48.1	48.1	48.1	48.1	48.1	48.4	48.7	48.7
≥ 18000	13.9	38.4	41.0	43.9	46.1	46.5	47.1	47.7	48.1	48.1	48.1	48.1	48.1	48.4	48.7	48.7
≥ 16000	13.9	38.4	41.0	43.9	46.1	46.5	47.1	47.7	48.1	48.1	48.1	48.1	48.1	48.4	48.7	48.7
≥ 14000	13.9	38.4	41.0	43.9	46.1	46.5	47.1	47.7	48.1	48.1	48.1	48.1	48.1	48.4	48.7	48.7
≥ 12000	14.2	38.7	41.3	44.2	46.5	46.8	47.4	48.1	48.4	48.4	48.4	48.4	48.4	48.7	49.0	49.0
≥ 10000	15.9	42.3	45.5	48.7	51.6	52.3	52.9	53.6	53.9	53.9	53.9	53.9	53.9	54.2	54.5	54.5
≥ 9000	15.9	42.6	45.8	49.0	51.9	52.6	53.2	53.9	54.2	54.2	54.2	54.2	54.2	54.5	54.8	54.8
≥ 8000	17.6	46.1	49.7	53.6	56.5	57.1	58.4	59.0	59.4	59.4	59.4	59.4	59.4	59.7	60.1	60.2
≥ 7000	18.1	47.7	51.3	55.2	58.4	59.7	60.3	61.0	61.3	61.3	61.3	61.3	61.3	61.6	61.9	61.9
≥ 6000	19.4	48.7	52.3	56.1	59.4	60.7	61.3	61.9	62.3	62.3	62.3	62.3	62.3	62.6	62.9	62.9
≥ 5000	19.7	50.0	53.6	57.4	61.1	62.3	63.2	63.9	64.2	64.2	64.2	64.2	64.2	64.5	64.8	64.8
≥ 4500	19.7	51.3	55.5	59.7	63.2	64.8	66.1	67.4	67.7	67.7	67.7	67.7	67.7	68.1	68.4	68.4
≥ 4000	20.7	52.9	57.1	61.3	65.2	67.1	68.4	69.7	70.0	70.0	70.0	70.0	70.0	70.3	70.7	70.7
≥ 3500	20.7	53.2	57.4	61.6	65.5	67.4	68.7	70.0	70.3	70.3	70.3	70.3	70.3	70.7	71.0	71.0
≥ 3000	21.0	53.6	57.7	61.9	66.1	68.1	69.7	71.0	71.3	71.3	71.3	71.3	71.3	71.6	71.9	71.9
≥ 2500	21.0	53.9	58.0	62.6	67.1	69.0	70.7	71.9	72.3	72.3	72.3	72.3	72.3	72.6	72.9	72.9
≥ 2000	21.3	54.2	58.7	63.9	68.4	70.3	71.9	73.2	73.6	73.6	73.6	73.6	73.6	73.9	74.2	74.2
≥ 1800	21.3	54.2	58.7	63.9	68.7	70.7	72.3	73.6	73.9	73.9	73.9	73.9	73.9	74.2	74.5	74.5
≥ 1500	21.3	54.2	58.7	64.2	69.1	71.0	72.9	74.2	74.5	74.5	74.5	74.5	74.5	74.8	75.2	75.2
≥ 1200	21.6	55.5	61.7	65.2	71.0	71.9	73.7	75.5	75.8	75.8	75.8	75.8	75.8	76.1	76.5	76.5
≥ 1000	21.6	56.1	61.3	65.8	71.0	72.9	74.8	76.6	77.1	77.1	77.1	77.1	77.1	77.4	77.7	77.7
≥ 900	21.7	56.5	61.6	66.1	71.3	73.2	75.2	77.1	77.4	77.4	77.4	77.4	77.4	77.7	78.1	78.1
≥ 800	21.7	56.5	62.3	66.8	71.9	73.9	75.8	77.7	78.1	78.1	78.1	78.1	78.1	78.4	78.7	78.7
≥ 700	21.7	56.7	62.3	66.8	71.9	74.5	77.1	79.0	79.4	79.4	79.4	79.4	79.4	79.7	80.0	80.0
≥ 600	21.9	57.1	62.6	67.4	72.9	75.8	79.4	81.9	82.3	82.3	82.3	82.3	82.3	82.6	82.9	82.9
≥ 500	21.9	57.2	62.6	67.4	73.6	77.4	81.6	84.8	85.2	85.2	85.2	85.2	85.2	85.5	85.8	85.8
≥ 400	21.9	57.4	62.9	67.7	73.9	78.4	82.2	86.8	87.1	87.1	87.4	87.4	87.4	87.7	88.1	88.1
≥ 300	21.9	57.4	62.9	67.7	74.2	78.7	83.6	88.1	88.7	88.7	89.4	89.4	89.7	90.0	90.3	90.3
≥ 200	21.9	57.4	62.9	67.7	74.2	78.7	84.2	88.7	89.7	90.0	91.9	92.3	93.9	94.5	95.5	96.1
≥ 100	21.9	57.4	62.9	67.7	74.2	78.7	84.2	88.7	89.7	90.0	91.9	92.6	94.2	94.8	97.1	99.7
0	21.9	57.4	62.9	67.7	74.2	78.7	84.2	88.7	89.7	90.0	91.9	92.6	94.2	94.8	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	49.7	51.3	51.9	52.9	52.9	52.9	52.9	52.9	52.9	[illegible]	52.9	52.9	52.9	52.9	53.3
≥ 20000	[illegible]	49.7	51.3	51.9	52.9	52.9	52.9	52.9	52.9	52.9	[illegible]	52.9	52.9	52.9	52.9	53.3
≥ 18000	[illegible]	50.0	51.6	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	[illegible]	53.6
≥ 16000	[illegible]	50.0	51.6	52.3	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.6
≥ 14000	[illegible]	51.3	51.9	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	54.0
≥ 12000	[illegible]	51.7	52.3	52.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.3
≥ 10000	[illegible]	53.6	55.5	56.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4
≥ 9000	[illegible]	53.6	55.5	56.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4
≥ 8000	[illegible]	56.5	58.7	59.4	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6
≥ 7000	[illegible]	57.4	59.7	60.3	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 6000	[illegible]	57.4	59.7	60.3	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 5000	[illegible]	58.7	61.0	61.6	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.9
≥ 4500	[illegible]	60.3	62.9	63.6	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.8
≥ 4000	[illegible]	63.2	65.8	67.1	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.4
≥ 3500	[illegible]	65.2	67.7	69.0	70.7	71.0	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.3
≥ 3000	[illegible]	68.1	70.7	71.9	73.9	74.5	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5
≥ 2500	[illegible]	69.0	71.9	73.2	75.2	75.8	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8
≥ 2000	[illegible]	71.3	74.2	75.5	77.4	78.1	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.4
≥ 1800	[illegible]	71.3	74.2	75.5	77.4	78.1	78.4	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.7
≥ 1500	[illegible]	72.9	75.5	76.7	81.3	81.9	82.6	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.9
≥ 1200	[illegible]	74.5	77.1	80.3	83.2	83.9	84.5	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.8
≥ 1000	[illegible]	74.5	79.7	81.9	85.2	85.8	87.1	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.4
≥ 900	[illegible]	74.9	79.4	82.3	86.8	86.5	88.4	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.7
≥ 800	[illegible]	75.3	80.0	82.9	86.5	87.1	89.0	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.3
≥ 700	[illegible]	75.9	81.0	83.9	87.4	88.1	91.3	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.6
≥ 600	[illegible]	75.8	81.3	83.9	87.7	88.7	92.3	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.6
≥ 500	[illegible]	76.1	81.6	84.5	88.7	89.0	93.9	95.5	95.5	95.8	[illegible]	95.8	95.8	95.8	95.8	96.1
≥ 400	[illegible]	76.5	81.9	84.8	89.3	91.3	95.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.4
≥ 300	[illegible]	76.5	81.9	84.8	90.0	91.3	95.8	97.4	97.4	98.4	98.4	98.4	98.4	98.7	98.7	99.0
≥ 200	[illegible]	76.5	81.9	84.8	90.0	91.3	95.8	97.7	97.7	99.0	99.4	99.4	99.4	99.7	99.7	100.0
≥ 100	[illegible]	76.5	81.9	84.8	90.0	91.3	95.8	97.7	97.7	99.0	99.4	99.4	99.4	99.7	99.7	100.0
≥ 0	[illegible]	76.5	81.9	84.8	90.0	91.3	95.8	97.7	97.7	99.0	99.4	99.4	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH 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	[illegible]	35.5	36.1	[illegible]	36.5	[illegible]	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	[illegible]
≥ 20000	[illegible]	42.7	43.6	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	[illegible]	42.7	43.6	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 16000	[illegible]	42.7	43.6	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 14000	[illegible]	42.7	43.6	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 12000	[illegible]	43.2	43.9	43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 10000	[illegible]	47.7	48.4	48.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	[illegible]	[illegible]	[illegible]	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 8000	[illegible]	52.4	[illegible]	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 7000	[illegible]	53.1	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 6000	[illegible]	53.2	54.2	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 5000	[illegible]	54.0	55.0	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 4500	[illegible]	58.1	[illegible]	[illegible]	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	[illegible]	61.1	62.6	63.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 3500	[illegible]	67.1	68.7	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
≥ 3000	[illegible]	73.2	75.2	76.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	[illegible]	76.5	77.7	79.7	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	[illegible]	79.7	81.3	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	[illegible]	79.7	81.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	[illegible]	80.7	83.9	85.2	86.8	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	89.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	[illegible]	83.2	86.5	88.4	90.1	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	[illegible]	83.9	87.4	89.3	91.1	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 800	[illegible]	[illegible]	88.1	[illegible]	91.9	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 700	[illegible]	[illegible]	[illegible]	90.3	92.3	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	[illegible]	[illegible]	89.0	91.0	92.9	94.8	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	[illegible]	[illegible]	89.0	91.3	92.9	94.5	96.1	97.1	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	[illegible]	[illegible]	89.3	91.6	93.2	95.2	96.5	97.4	97.7	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	[illegible]	[illegible]	89.7	91.6	93.2	95.2	96.5	97.7	99.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4
≥ 200	[illegible]	[illegible]	89.0	91.0	93.2	95.2	96.5	98.1	98.4	98.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	[illegible]	89.7	91.3	93.2	95.2	96.5	98.1	98.4	98.7	99.7	99.7	100.0	100.0	100.0	100.0
0	[illegible]	[illegible]	89.7	91.3	93.2	95.2	96.5	98.1	98.4	98.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

107	LAKEHURST, NJ	[illegible]	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.7	47.7	43.6	45.2	47.9	43.6	43.6	43.6	47.9	43.6	47.6	43.6	47.6	43.6	43.9	43.6
≥ 20000	77.1	50.0	51.7	52.9	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 18000	77.1	50.3	51.6	53.2	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	77.1	50.3	51.6	53.2	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	77.7	51.0	52.3	53.9	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	77.1	51.1	52.6	54.2	54.5	54.8	54.8	54.8	54.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	77.0	53.2	54.5	56.5	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	77.4	53.4	55.2	57.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	81.3	59.4	61.3	62.3	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 7000	81.3	59.4	61.7	62.9	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	81.4	59.7	61.6	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 5000	81.4	62.3	64.2	66.1	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 4500	82.1	65.9	67.7	69.7	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4000	84.7	71.7	74.2	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3500	86.0	75.8	78.0	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	87.4	79.4	81.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2500	88.7	81.1	84.5	86.5	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	90.1	82.3	86.1	88.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	90.1	82.3	86.1	88.1	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500	90.7	82.6	86.5	88.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	91.0	83.3	87.1	89.0	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	92.0	83.9	87.7	89.7	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	92.3	84.5	88.4	90.3	91.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 800	92.4	84.6	88.5	91.0	92.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	92.6	84.9	88.7	91.0	92.0	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	92.6	84.9	88.8	91.6	93.2	94.5	95.2	95.5	95.5	95.8	95.8	95.9	95.8	95.8	95.9	95.8
≥ 500	92.7	84.9	88.8	91.6	93.2	94.5	95.2	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 400	92.7	84.9	88.8	91.6	93.2	94.5	95.5	96.1	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	92.7	84.9	88.8	91.6	93.2	94.5	95.8	96.8	97.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	92.7	84.9	88.8	91.6	93.2	94.5	95.8	96.8	97.1	98.1	99.0	99.0	99.0	99.4	99.4	99.7
≥ 100	92.7	84.9	88.8	91.6	93.2	94.5	95.8	96.8	97.1	98.1	99.0	99.0	99.0	99.4	99.4	100.0
0	92.7	84.9	88.8	91.6	93.2	94.5	95.8	96.8	97.1	98.1	99.0	99.0	99.0	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.[illegible]	41.[illegible]	41.[illegible]	42.3	43.[illegible]	43.3	43.3	43.[illegible]	43.6	43.6	43.6	43.6	43.6	43.6	43.[illegible]	43.[illegible]
≥ 20000	[illegible].9	47.1	47.4	48.4	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	[illegible].9	47.7	48.[illegible]	49.1	51.[illegible]	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	[illegible].9	47.7	48.0	49.0	50.[illegible]	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 14000	[illegible].9	48.[illegible]	49.7	49.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.[illegible]
≥ 12000	26.[illegible]	49.4	50.[illegible]	50.[illegible]	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	[illegible].7	53.2	54.[illegible]	55.2	56.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	[illegible].7	53.[illegible]	54.[illegible]	55.2	56.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 8000	[illegible].[illegible]	59.[illegible]	61.[illegible]	62.6	63.6	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.[illegible]
≥ 7000	32.[illegible]	60.[illegible]	62.3	64.5	65.[illegible]	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	32.[illegible]	60.[illegible]	62.3	64.5	65.5	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 5000	[illegible].1	63.2	65.[illegible]	67.7	69.[illegible]	70.2	70.2	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
≥ 4500	51.[illegible]	55.[illegible]	61.4	70.7	72.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	53.3	60.4	71.[illegible]	74.2	76.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	53.[illegible]	71.3	74.5	77.1	79.[illegible]	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.[illegible]
≥ 3000	53.[illegible]	72.3	75.3	79.4	81.3	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	54.3	73.2	77.1	80.7	82.9	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	54.2	73.[illegible]	77.4	81.0	83.[illegible]	86.1	86.3	86.8	86.[illegible]	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1800	54.3	73.[illegible]	77.7	81.3	83.9	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500	54.3	74.3	78.4	82.3	84.2	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1200	54.3	74.2	78.4	82.3	85.3	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	54.3	74.[illegible]	78.7	82.6	85.5	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900	54.3	75.3	79.7	83.6	86.5	89.[illegible]	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	54.[illegible]	75.5	8[illegible].3	84.2	87.1	89.7	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	54.7	75.9	80.7	84.5	87.7	90.3	91.[illegible]	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	54.[illegible]	75.8	80.7	84.5	88.1	90.7	91.6	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	54.[illegible]	75.[illegible]	81.[illegible]	84.5	88.1	90.7	92.3	92.6	93.2	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 400	54.[illegible]	75.[illegible]	8[illegible].7	84.5	88.1	91.[illegible]	92.6	93.9	94.2	95.2	95.5	95.5	96.1	96.1	96.1	96.1
≥ 300	54.[illegible]	75.[illegible]	80.7	84.5	88.1	91.[illegible]	92.6	95.2	95.[illegible]	96.6	97.4	97.7	98.7	98.7	98.7	99.[illegible]
≥ 200	54.[illegible]	75.[illegible]	80.7	84.5	88.1	91.3	92.6	95.5	96.1	97.1	97.7	98.1	99.7	99.7	99.7	99.7
≥ 100	54.[illegible]	75.[illegible]	8[illegible].7	84.5	88.1	91.[illegible]	92.6	95.5	96.1	97.1	97.7	98.1	99.7	99.7	99.7	100.0
≥ 0	54.[illegible]	75.[illegible]	8[illegible].7	84.5	88.1	91.[illegible]	92.[illegible]	95.5	96.1	97.1	97.[illegible]	98.1	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]RST, NJ	73-82	MAY

HOURS (L S T)
22

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	44.[illegible]	45.[illegible]	46.1	46.[illegible]	46.[illegible]	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.1
≥ 20000	[illegible]	49.4	50.7	51.6	52.3	52.3	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.9
≥ 18000	[illegible]	49.7	51.0	51.9	52.6	52.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2
≥ 16000	[illegible]	49.7	51.0	51.9	52.6	52.6	53.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2
≥ 14000	[illegible]	50.0	51.3	52.3	52.9	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.5
≥ 12000	[illegible]	50.7	51.9	52.9	53.6	53.6	54.2	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1
≥ 10000	[illegible]	53.6	54.9	56.5	57.1	57.1	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.7
≥ 9000	[illegible]	53.9	55.1	57.1	57.7	57.7	58.4	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.4
≥ 8000	[illegible]	57.4	59.7	61.3	61.9	61.9	62.6	63.2	63.2	63.2	63.6	63.6	63.6	63.6	63.6	63.9
≥ 7000	[illegible]	58.1	60.3	61.9	62.9	62.9	63.6	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.8
≥ 6000	[illegible]	58.1	60.3	61.9	62.9	62.9	63.6	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.8
≥ 5000	[illegible]	59.[illegible]	61.3	62.9	64.2	64.5	65.2	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.5
≥ 4500	[illegible]	[illegible]	62.6	64.2	66.1	66.5	67.1	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.4
≥ 4000	[illegible]	63.[illegible]	66.2	66.7	7[illegible].7	71.[illegible]	71.6	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.9
≥ 3500	[illegible]	[illegible]	68.7	71.3	73.6	73.9	74.5	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.8
≥ 3000	[illegible]	67.4	71.3	74.8	77.7	78.1	78.7	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	[illegible]
≥ 2500	[illegible]	68.1	71.9	75.5	79.1	79.4	80.0	80.7	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.3
≥ 2000	[illegible]	68.1	72.3	75.8	79.4	79.7	80.3	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.6
≥ 1800	[illegible]	68.1	72.3	75.8	79.4	79.7	80.3	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.6
≥ 1500	[illegible]	69.[illegible]	73.[illegible]	77.1	80.7	81.0	81.9	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	83.2
≥ 1200	[illegible]	69.[illegible]	73.6	77.4	81.0	81.3	82.3	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.9
≥ 1000	[illegible]	69.7	74.5	78.7	82.6	82.9	83.9	84.8	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.5
≥ 900	[illegible]	69.7	74.5	7[illegible].7	83.2	83.6	84.5	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	86.1
≥ 800	[illegible]	69.7	74.5	79.0	83.6	84.2	85.2	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.8
≥ 700	[illegible]	[illegible].2	75.2	79.7	84.5	85.5	86.5	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.4
≥ 600	[illegible]	[illegible].2	75.[illegible]	[illegible].3	85.2	[illegible].1	87.1	88.7	88.7	88.7	[illegible].[illegible]	89.0	89.0	89.0	89.0	89.4
≥ 500	[illegible]	[illegible].7	[illegible].5	[illegible].6	[illegible].5	[illegible].4	89.4	[illegible].0	[illegible].0	[illegible].0	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].3	[illegible].7
≥ 400	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	87.7	88.7	90.0	91.9	92.3	92.6	92.9	92.9	92.9	92.9	92.9	93.2
≥ 300	[illegible]	[illegible]	76.8	82.3	88.1	[illegible].4	90.7	[illegible].2	[illegible].6	[illegible].9	94.2	94.2	94.2	94.2	94.2	94.5
≥ 200	[illegible]	[illegible]	76.8	82.3	[illegible].1	[illegible].4	[illegible]	94.2	94.5	94.8	95.5	95.5	95.5	95.5	95.5	95.8
≥ 100	[illegible]	[illegible].[illegible]	76.8	82.3	[illegible].1	[illegible].4	[illegible]	94.2	94.5	95.2	96.1	96.1	96.8	96.8	97.7	100.0
0	[illegible]	[illegible].[illegible]	76.8	82.3	[illegible].1	[illegible].4	91.0	94.2	94.5	95.2	96.1	96.1	96.8	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] | 73-82 | MAY
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	40.2	41.1	42.0	42.2	42.5	42.6	42.6	42.3	42.8	42.8	42.9	42.9	43.0	43.1
≥ 20000	24.4	45.4	47.0	48.3	49.3	49.5	49.7	49.9	50.0	50.1	50.2	50.2	50.2	50.2	50.3	50.4
≥ 18000	24.4	45.6	47.2	48.2	49.4	49.7	50.0	50.2	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.7
≥ 16000	24.4	45.6	47.2	48.2	49.4	49.7	50.0	50.2	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.7
≥ 14000	24.5	45.7	47.5	48.5	49.7	50.0	50.2	50.4	50.5	50.6	50.7	50.7	50.7	50.8	50.8	51.0
≥ 12000	24.7	46.5	48.1	49.1	50.3	50.6	50.8	51.0	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.6
≥ 10000	24.8	49.8	51.6	53.0	54.4	54.8	55.0	55.2	55.3	55.4	55.5	55.5	55.5	55.6	55.6	55.8
≥ 9000	24.9	50.2	52.0	53.4	54.7	55.2	55.4	55.6	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.2
≥ 8000	25.1	54.3	56.5	58.2	59.6	60.1	60.4	60.6	60.6	60.8	61.0	60.9	60.9	61.0	61.0	61.1
≥ 7000	25.5	55.4	57.7	59.5	61.0	61.6	61.8	62.0	62.1	62.2	62.3	62.3	62.3	62.4	62.4	62.5
≥ 6000	28.0	55.8	58.1	59.9	61.4	62.1	62.2	62.4	62.5	62.6	62.7	62.7	62.8	62.8	62.9	63.0
≥ 5000	28.2	57.5	59.8	61.7	63.3	64.0	64.3	64.5	64.6	64.7	64.8	64.8	64.8	64.9	64.9	65.1
≥ 4500	30.7	59.7	62.4	64.3	66.1	66.9	67.2	67.5	67.5	67.6	67.7	67.7	67.8	67.8	67.9	68.0
≥ 4000	31.4	63.0	65.9	68.0	70.0	70.9	71.4	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.1	72.2
≥ 3500	32.7	65.5	68.7	71.0	73.0	74.0	74.5	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.3	75.4
≥ 3000	33.3	67.9	71.1	73.7	76.0	77.0	77.6	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.4	78.5
≥ 2500	33.6	69.4	72.8	75.4	78.0	79.1	79.8	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.7
≥ 2000	34.1	70.6	74.2	76.8	79.6	80.7	81.4	81.8	81.8	82.0	82.1	82.1	82.1	82.2	82.3	82.4
≥ 1800	34.2	71.7	74.3	76.9	79.7	80.8	81.5	81.9	81.9	82.1	82.2	82.2	82.3	82.3	82.4	82.5
≥ 1500	34.7	71.4	75.3	78.3	81.2	82.5	83.3	83.7	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.4
≥ 1200	34.9	72.1	76.1	79.0	82.1	83.4	84.3	84.8	84.9	85.0	85.1	85.1	85.2	85.2	85.3	85.4
≥ 1000	34.9	72.6	76.9	80.0	83.2	84.6	85.6	86.2	86.2	86.5	86.6	86.6	86.6	86.7	86.7	86.9
≥ 900	34.4	73.1	77.3	80.5	83.9	85.2	86.4	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.7
≥ 800	34.5	73.3	77.9	81.1	84.5	85.9	87.2	87.8	87.9	88.1	88.2	88.2	88.3	88.3	88.4	88.6
≥ 700	34.5	73.5	77.3	81.5	85.0	86.7	88.3	89.0	89.1	89.4	89.4	89.4	89.5	89.5	89.6	89.8
≥ 600	34.5	73.7	78.7	82.1	85.8	87.6	89.5	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.4
≥ 500	34.5	73.9	79.1	82.5	86.4	88.4	90.6	92.0	92.2	92.6	92.8	92.8	92.9	92.9	93.1	93.2
≥ 400	34.5	74.1	79.1	82.7	86.9	89.1	91.5	93.2	93.8	94.1	94.5	94.5	94.6	94.7	94.7	95.0
≥ 300	34.5	74.0	79.1	82.7	87.2	89.3	91.8	94.0	94.4	95.2	95.8	95.9	96.2	96.3	96.3	96.6
≥ 200	34.5	74.0	79.1	82.7	87.3	89.3	92.0	94.4	94.8	95.7	96.7	96.8	97.5	97.7	98.0	98.3
≥ 100	34.5	74.1	79.1	82.7	87.0	89.3	92.0	94.4	94.8	95.8	96.8	97.0	97.8	97.9	98.7	99.9
0	34.5	74.1	79.1	82.7	87.1	89.3	92.0	94.4	94.8	95.9	96.8	97.0	97.8	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2044

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 LAKEHURST, NJ 73-75 JUL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01

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]	[illegible]	32.4	33.3	37.8	[illegible]	42.2	44.4	44.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	10.0	32.2	33.3	34.4	38.9	41.1	43.3	45.6	45.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 18000	10.0	32.2	33.3	34.4	38.9	41.1	43.3	45.6	45.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 16000	[illegible]	32.2	33.3	34.4	38.9	41.1	43.3	45.6	45.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 14000	[illegible]	32.2	33.3	34.4	38.9	41.1	43.3	45.6	45.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 12000	10.0	33.3	34.4	35.6	40.0	42.2	44.4	46.7	46.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 10000	10.0	36.7	37.8	40.0	45.6	47.8	51.1	53.3	53.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 9000	10.0	36.7	37.8	40.0	45.6	47.8	51.1	53.3	53.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 8000	16.3	43.3	44.4	46.7	53.3	55.6	58.9	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	17.2	45.6	46.7	48.9	55.6	57.8	61.1	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	17.3	45.6	46.7	48.9	55.6	57.8	61.1	63.3	63.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 5000	18.4	47.8	48.9	51.1	57.8	60.0	63.3	65.6	65.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 4500	18.3	48.9	51.1	53.3	61.1	62.2	65.6	67.6	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 4000	18.3	50.0	52.2	54.4	61.1	63.3	66.7	68.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	18.3	50.0	52.2	54.4	61.1	63.3	66.7	68.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	18.3	50.0	52.2	54.4	61.1	63.3	66.7	68.9	68.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 2500	18.3	50.0	52.2	54.4	62.2	64.4	67.8	70.0	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2000	18.3	51.1	53.3	56.7	64.4	66.7	70.0	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1800	18.3	51.1	53.3	56.7	64.4	66.7	70.0	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 1500	18.4	52.2	54.4	57.8	65.6	67.8	71.1	73.3	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1200	18.4	52.2	54.4	57.8	65.6	67.8	71.1	73.3	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 1000	18.4	52.2	54.4	57.8	65.6	67.8	71.1	73.3	73.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 900	18.4	54.4	56.7	60.0	67.8	70.0	73.3	75.6	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 800	18.4	55.6	57.8	61.1	68.9	71.1	74.4	76.7	76.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 700	18.4	55.6	57.8	61.1	68.9	71.1	75.6	77.9	77.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 600	18.4	56.7	60.0	64.4	72.2	74.4	78.9	82.2	82.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 500	18.4	56.7	60.0	64.4	72.2	74.4	82.2	86.7	86.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 400	18.4	56.7	60.0	64.4	72.2	75.6	84.4	88.9	88.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 300	18.4	56.7	60.0	64.4	72.2	75.6	84.4	88.9	88.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 200	18.4	56.7	60.0	64.4	72.2	76.7	86.7	91.1	91.1	94.4	94.4	94.4	96.7	96.7	96.7	96.7
≥ 100	14.4	56.7	60.0	64.4	72.2	76.7	86.7	91.1	91.1	94.4	94.4	94.4	97.8	97.8	98.9	98.9
≥ 0	14.4	56.7	60.0	64.4	72.2	76.7	86.7	91.1	91.1	94.4	94.4	94.4	97.8	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 90

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

167	LAKEHURST, NJ	73-75	JUN
STATION	STATION NAME	YEARS	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	7.9	22.3	28.4	29.9	31.1	33.3	37.8	41.1	41.1	42.2	43.3	43.3	43.3	43.3	44.4	44.4
≥ 20000	7.9	23.3	29.7	31.1	33.3	35.6	40.0	43.3	43.3	44.4	45.6	45.6	45.6	45.6	47.8	47.8
≥ 18000	7.9	23.3	29.7	31.1	33.3	35.6	40.0	43.3	43.3	44.4	45.6	45.6	45.6	45.6	47.8	47.8
≥ 16000	7.9	23.3	29.7	31.1	33.3	35.6	40.0	43.3	43.3	44.4	45.6	45.6	45.6	45.6	47.8	47.8
≥ 14000	7.9	23.3	29.7	31.1	33.3	35.6	40.0	43.3	43.3	44.4	45.6	45.6	45.6	45.6	47.8	47.8
≥ 12000	7.9	23.3	29.7	31.1	33.3	35.6	40.0	43.3	43.3	45.6	46.7	46.7	46.7	46.7	48.9	48.9
≥ 10000	7.9	23.3	27.8	32.2	34.4	36.7	41.1	44.4	44.4	46.7	47.8	47.8	47.8	47.8	50.0	50.0
≥ 9000	7.9	23.3	27.8	32.2	34.4	36.7	41.1	44.4	44.4	46.7	47.8	47.8	47.8	47.8	50.0	50.0
≥ 8000	7.9	24.7	31.1	35.6	38.9	41.1	45.6	48.9	48.9	51.1	52.2	52.2	53.3	53.3	55.6	55.6
≥ 7000	10.0	27.8	32.2	36.7	40.0	42.2	46.7	50.0	50.0	52.2	53.3	53.3	54.4	54.4	56.7	56.7
≥ 6000	11.1	27.8	32.2	36.7	40.0	42.2	46.7	50.0	50.0	52.2	53.3	53.3	54.4	54.4	56.7	56.7
≥ 5000	11.1	27.8	34.4	38.9	42.2	44.4	48.9	52.2	52.2	54.4	55.6	55.6	56.7	56.7	58.9	58.9
≥ 4500	11.1	28.9	36.7	41.1	44.4	46.7	51.1	54.4	54.4	56.7	57.8	57.8	58.9	58.9	61.1	61.1
≥ 4000	11.1	28.9	36.7	42.2	45.6	47.8	52.2	55.6	55.6	57.8	58.9	58.9	60.0	60.0	62.2	62.2
≥ 3500	11.1	28.9	36.7	42.2	45.6	47.8	52.2	55.6	55.6	57.8	58.9	58.9	60.0	60.0	62.2	62.2
≥ 3000	11.1	28.9	36.7	42.2	46.7	48.9	54.4	57.8	57.8	60.0	61.1	61.1	62.2	62.2	64.4	64.4
≥ 2500	11.1	30.0	37.8	43.3	47.8	50.0	55.6	58.9	58.9	61.1	62.2	62.2	63.3	63.3	65.6	65.6
≥ 2000	11.1	30.0	37.8	43.3	46.9	51.1	56.7	60.0	60.0	62.2	63.3	63.3	64.4	64.4	66.7	66.7
≥ 1800	11.1	30.0	37.8	43.3	48.9	51.1	56.7	60.0	60.0	62.2	63.3	63.3	64.4	64.4	66.7	66.7
≥ 1500	12.2	32.2	40.0	45.6	51.1	53.3	61.0	63.3	63.3	65.6	66.7	66.7	67.8	67.8	70.0	70.0
≥ 1200	12.2	33.3	41.1	46.7	52.2	54.4	61.1	64.4	64.4	66.7	67.8	67.8	68.9	68.9	71.1	71.1
≥ 1000	13.3	34.4	43.3	48.9	54.4	56.7	63.3	66.7	66.7	68.9	70.0	70.0	71.1	71.1	73.3	73.3
≥ 900	13.3	34.4	43.3	48.9	54.4	56.7	63.3	66.7	66.7	68.9	70.0	70.0	71.1	71.1	73.3	73.3
≥ 800	13.3	34.4	43.3	48.9	54.4	56.7	63.3	66.7	66.7	68.9	70.0	70.0	71.1	71.1	73.3	73.3
≥ 700	13.3	35.6	44.4	50.0	56.7	58.9	65.6	68.9	68.9	71.1	72.2	72.2	73.3	73.3	75.6	75.6
≥ 600	13.3	35.6	44.4	50.0	56.7	58.9	67.8	71.1	71.1	73.3	74.4	74.4	75.6	75.6	77.8	77.8
≥ 500	13.3	35.6	44.4	50.0	57.8	61.1	72.2	76.7	76.7	78.9	80.0	80.0	81.1	81.1	83.3	83.3
≥ 400	13.3	36.7	45.6	51.1	60.0	65.6	76.7	81.1	81.1	83.3	84.4	84.4	85.6	85.6	87.8	87.8
≥ 300	13.3	36.7	45.6	52.2	61.1	66.7	80.0	84.4	84.4	86.7	88.9	88.9	90.0	90.0	92.2	92.2
≥ 200	13.3	36.7	45.6	52.2	61.1	66.7	80.0	84.4	84.4	86.7	88.9	88.9	92.2	92.2	94.4	94.4
≥ 100	13.3	36.7	45.6	52.2	61.1	66.7	80.0	85.6	85.6	88.9	91.1	91.1	94.4	94.4	96.7	97.8
0	13.3	36.7	45.6	52.2	61.1	66.7	80.0	85.6	85.6	88.9	91.1	91.1	94.4	94.4	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 90

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

.47 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) JAN (MONTH)

07 (HOURS (L.S.T.))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.3	33.3	37.3	39.7	42.7	44.7	45.7	46.3	46.3	47.0	47.0	47.0	47.0	47.0	47.3	47.3
≥ 20000	12.3	34.7	39.7	42.7	48.3	50.0	51.0	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.7
≥ 18000	12.3	34.7	39.7	42.7	48.3	50.0	51.0	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.7
≥ 16000	12.3	34.7	39.7	42.7	48.0	50.0	51.0	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.7
≥ 14000	12.3	34.7	39.7	42.7	48.0	50.0	51.0	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.7
≥ 12000	12.3	35.3	40.3	43.3	49.0	51.3	52.3	53.0	53.0	53.7	53.7	53.7	53.7	53.7	53.7	54.0
≥ 10000	13.3	36.7	42.0	46.0	53.7	56.0	57.3	58.0	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3
≥ 9000	13.3	36.7	42.0	46.0	53.7	56.0	57.3	58.0	58.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3
≥ 8000	13.3	40.3	46.3	50.3	56.3	59.3	60.7	61.7	61.7	62.7	63.0	63.0	63.0	63.0	63.0	63.3
≥ 7000	13.3	40.7	47.0	51.0	57.3	60.0	61.3	62.3	62.3	63.3	63.7	63.7	63.7	63.7	63.7	64.0
≥ 6000	13.3	41.0	47.3	51.7	57.7	60.7	62.0	63.0	63.0	64.0	64.3	64.3	64.3	64.3	64.3	64.7
≥ 5000	13.3	42.0	48.7	53.0	59.3	62.3	64.0	65.0	65.0	66.0	66.3	66.3	66.3	66.3	66.3	66.7
≥ 4500	13.3	43.7	51.0	55.3	62.0	65.0	66.7	67.7	67.7	68.7	69.0	69.0	69.0	69.0	69.3	69.3
≥ 4000	14.0	46.3	54.3	59.7	65.3	68.7	70.3	71.3	71.3	72.3	72.7	72.7	72.7	72.7	72.7	73.0
≥ 3500	14.3	47.0	55.3	59.7	66.3	69.7	71.3	72.3	72.3	73.3	73.7	73.7	73.7	73.7	73.7	74.0
≥ 3000	14.3	47.3	55.7	60.0	67.0	70.3	72.3	74.0	74.0	75.0	75.3	75.3	75.3	75.3	75.3	75.7
≥ 2500	14.3	47.7	56.0	60.3	67.3	70.7	73.0	74.7	74.7	75.7	76.0	76.0	76.0	76.0	76.0	76.3
≥ 2000	14.3	47.7	56.3	60.7	67.7	71.0	73.3	75.0	75.0	76.0	76.3	76.3	76.3	76.3	76.3	76.7
≥ 1800	14.3	48.0	56.7	61.0	68.3	71.7	74.0	76.0	76.0	77.0	77.3	77.3	77.3	77.3	77.3	77.7
≥ 1500	14.3	48.7	57.3	62.0	70.0	73.3	75.7	77.7	77.7	78.7	79.0	79.0	79.0	79.0	79.3	79.3
≥ 1200	14.3	49.3	58.3	63.3	71.3	74.7	77.0	79.0	79.0	80.0	80.3	80.3	80.3	80.3	80.3	80.7
≥ 1000	14.3	49.7	58.7	63.7	71.7	75.3	78.0	80.0	80.0	81.0	81.3	81.3	81.3	81.3	81.3	81.7
≥ 900	14.3	49.7	59.7	63.7	72.0	75.7	78.3	80.3	80.3	81.3	81.7	81.7	81.7	81.7	81.7	82.0
≥ 800	14.3	51.0	60.0	65.0	73.7	77.7	80.3	82.7	82.7	83.7	84.0	84.0	84.0	84.0	84.0	84.3
≥ 700	14.7	52.0	61.0	66.0	74.7	79.3	82.0	84.3	84.3	85.3	85.7	85.7	85.7	85.7	85.7	86.0
≥ 600	14.7	52.3	61.3	66.3	75.0	79.7	83.0	85.7	86.0	87.0	87.3	87.3	87.3	87.3	87.3	87.7
≥ 500	14.7	53.0	62.0	67.0	76.0	81.3	85.0	87.7	88.0	89.3	89.7	89.7	89.7	89.7	89.7	90.0
≥ 400	14.7	53.3	62.0	67.0	76.3	83.0	87.0	90.3	90.7	92.0	92.3	92.3	92.7	92.7	92.7	93.3
≥ 300	14.7	53.3	62.3	67.0	76.3	83.3	87.7	91.3	91.7	93.3	93.7	94.0	94.3	94.3	94.3	94.7
≥ 200	14.7	53.0	62.0	67.0	76.3	83.3	87.7	92.3	92.7	95.0	96.7	97.0	97.7	98.0	98.3	99.0
≥ 100	14.7	53.0	62.0	67.0	76.3	83.3	87.7	92.3	92.7	95.0	96.7	97.0	97.7	98.0	99.0	100.0
≥ 0	14.7	53.3	62.0	67.0	76.3	83.3	87.7	92.3	92.7	95.0	96.7	97.0	97.7	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147	LAKEHURST, NJ	73-77	JUN
STATION	STATION NAME	YEARS	MONTH

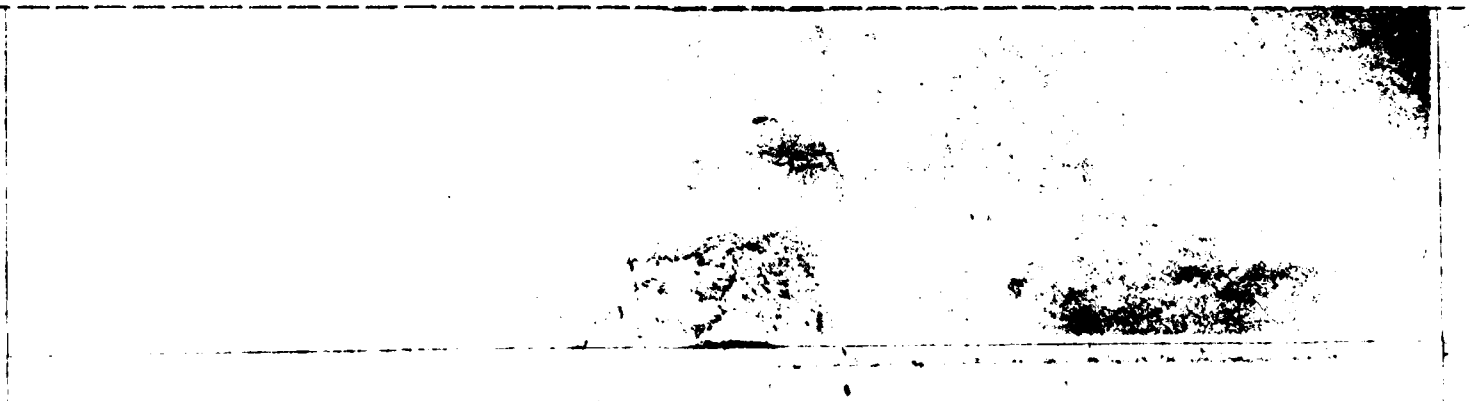
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
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	35.7	39.3	42.0	43.0	43.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	37.0	46.0	49.7	51.0	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	37.0	46.0	49.7	51.0	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	37.3	46.3	49.7	51.0	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	37.3	46.3	50.0	51.3	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	37.3	46.3	50.0	51.3	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 10000	38.7	49.7	53.7	55.0	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 9000	39.3	50.3	54.7	56.0	57.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	40.3	54.3	58.3	59.7	61.3	62.3	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	40.3	55.0	59.7	61.0	62.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 6000	41.3	55.7	60.0	61.3	63.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	43.7	58.3	63.3	64.3	66.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4500	44.0	59.3	64.0	65.7	67.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	45.3	61.0	65.7	67.7	70.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 3500	48.7	62.3	67.3	69.3	72.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	51.7	65.7	70.0	72.0	74.7	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 2500	52.3	67.7	72.7	74.7	77.3	78.7	78.7	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	52.3	69.0	74.0	76.3	79.3	80.7	81.0	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1800	53.3	69.0	74.3	77.0	80.0	81.3	81.7	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	53.7	71.3	77.0	80.0	84.0	85.3	86.0	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	53.7	73.7	79.3	82.3	86.3	87.7	88.7	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1000	53.7	74.3	80.0	83.3	87.3	89.0	90.7	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	53.7	74.7	80.3	84.0	88.0	89.7	91.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	53.7	75.7	81.3	85.3	90.0	92.0	94.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 700	53.7	76.0	82.0	86.7	91.3	93.3	95.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	53.7	76.3	82.3	87.3	91.7	94.0	96.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	53.7	76.3	82.3	87.0	91.7	94.0	96.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	53.7	76.3	82.3	87.0	91.7	94.0	97.3	98.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3
≥ 300	53.7	76.3	82.3	87.0	91.7	94.3	97.7	98.7	98.7	99.0	99.3	99.7	100.0	100.0	100.0	100.0
≥ 200	53.7	76.3	82.3	87.0	91.7	94.3	97.7	98.7	98.7	99.0	99.3	99.7	100.0	100.0	100.0	100.0
≥ 100	53.7	76.3	82.3	87.0	91.7	94.3	97.7	98.7	98.7	99.0	99.3	99.7	100.0	100.0	100.0	100.0
≥ 0	53.7	76.3	82.3	87.0	91.7	94.3	97.7	98.7	98.7	99.0	99.3	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.4	34.1	37.0	37.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 20000	23.4	41.1	43.5	45.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	23.4	41.1	43.5	45.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	23.4	41.1	43.5	45.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	23.4	41.1	43.5	45.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000	23.4	41.8	44.2	46.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000	23.4	43.8	46.2	48.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 9000	23.4	43.8	46.2	48.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 8000	24.1	45.2	47.5	50.2	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 7000	25.4	46.2	49.2	51.8	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 6000	26.4	46.2	49.2	51.8	54.2	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 5000	27.4	47.8	50.2	52.8	55.2	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4500	27.4	48.5	51.5	54.2	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 4000	28.4	53.9	56.5	59.5	62.2	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3500	31.1	62.9	66.2	69.2	71.9	71.9	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	32.4	70.2	73.6	77.3	80.9	80.9	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	33.1	74.6	79.6	82.6	86.3	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	33.1	77.3	81.6	85.6	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800	33.1	77.6	81.9	86.0	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	33.1	78.6	84.0	88.0	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	33.1	78.6	84.0	88.0	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	33.1	79.9	84.3	88.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 900	33.1	80.6	85.0	89.0	94.0	94.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	33.1	80.9	85.6	90.3	94.7	95.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	33.1	80.9	85.6	90.3	94.7	95.3	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 600	33.1	81.3	86.0	90.6	95.0	96.0	97.0	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	33.1	81.3	86.0	90.6	95.7	96.7	97.7	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	33.1	81.3	86.0	90.6	95.7	96.7	97.7	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	33.1	81.3	86.0	90.6	96.0	97.0	98.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	33.1	81.3	86.0	90.6	96.0	97.0	98.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	33.1	81.3	86.0	90.6	96.0	97.0	98.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	33.1	81.3	86.0	90.6	96.0	97.0	98.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS) JUN (MONTH)

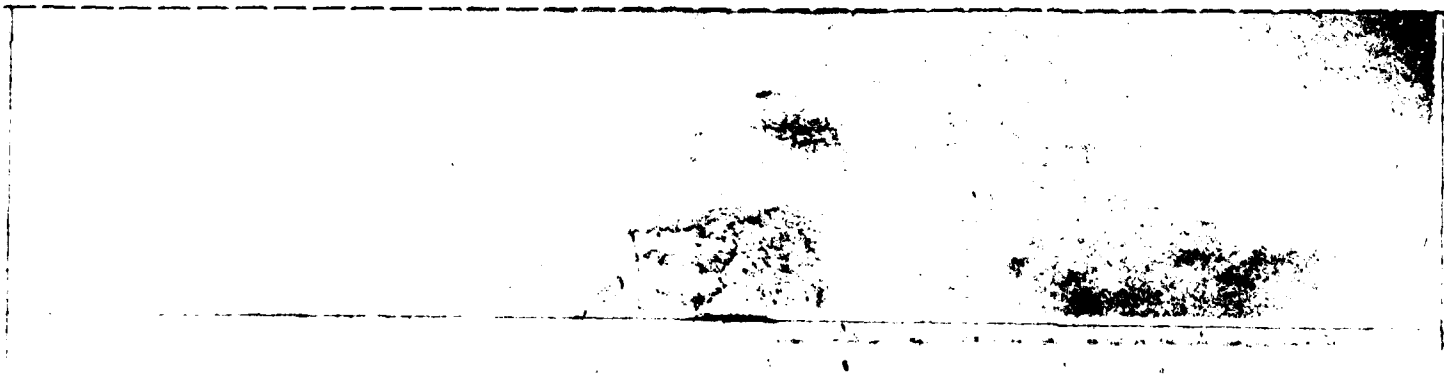
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 (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	32.7	38.7	41.3	41.3	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	35.3	46.7	49.3	51.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	35.3	47.0	50.0	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	35.3	47.0	50.0	51.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	35.3	47.3	50.3	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 12000	36.7	49.0	52.0	53.7	54.7	54.7	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	37.0	53.3	56.3	58.3	59.3	59.3	59.3	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	37.0	53.7	56.7	58.7	59.7	59.7	59.7	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	38.3	58.0	61.0	63.0	64.0	64.0	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.7
≥ 7000	38.7	58.3	61.3	63.3	64.3	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.3
≥ 6000	39.0	58.7	61.7	63.7	64.7	65.0	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.7
≥ 5000	39.0	59.0	62.0	64.0	65.0	65.3	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 4500	51.0	60.3	63.3	65.7	66.7	67.0	67.0	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 4000	53.3	65.7	68.7	71.3	72.3	73.3	73.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	54.3	69.7	73.0	76.0	77.3	78.7	79.3	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	57.0	71.7	75.3	78.3	82.3	84.7	85.3	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	55.7	74.0	78.7	82.7	84.7	87.3	87.7	87.7	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	55.7	75.7	80.3	84.7	86.7	89.3	90.0	90.0	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	55.7	75.7	80.3	84.7	86.7	89.3	90.0	90.0	90.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	55.7	77.3	82.0	86.3	88.7	91.3	92.0	92.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	56.7	78.3	83.3	87.7	90.0	92.7	93.3	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	56.3	79.0	84.0	88.3	91.0	93.7	94.3	94.3	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	56.7	79.0	84.0	88.3	91.3	94.0	94.7	94.7	94.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	56.7	79.3	84.3	89.3	92.3	95.0	96.0	96.0	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	56.0	79.7	85.0	90.0	93.3	96.3	97.0	97.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	56.0	79.7	85.0	90.0	93.7	96.3	97.7	97.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	56.0	79.7	85.0	90.0	94.0	96.7	98.3	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	56.0	79.7	85.0	90.0	94.0	96.7	98.3	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	56.0	79.7	85.0	90.0	94.0	96.7	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	56.0	79.7	85.0	90.0	94.0	96.7	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	56.0	79.7	85.0	90.0	94.0	96.7	98.3	98.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	56.0	79.7	85.0	90.0	94.0	96.7	98.3	98.7	99.0	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

1-7 (STATION) LAKEHURST, NJ (STATION NAME) 57-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.1	41.8	43.2	44.8	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	49.1	51.5	55.2	56.9	58.5	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	49.1	51.5	55.9	56.9	58.5	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 16000	49.1	51.5	55.9	56.9	58.5	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 14000	49.1	51.5	56.2	57.2	58.9	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 12000	49.1	52.5	56.9	57.9	59.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	57.8	56.2	61.2	62.2	64.2	66.2	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	58.1	56.9	61.5	62.5	64.6	66.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	59.8	61.2	67.2	67.2	69.9	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	59.8	61.9	66.9	67.9	70.6	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	59.8	61.9	66.9	68.2	70.9	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	61.1	64.6	69.6	70.9	73.6	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	61.8	65.9	71.9	72.2	75.3	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	63.1	66.2	73.6	74.9	76.3	81.3	81.3	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	63.4	70.2	75.9	77.3	80.9	84.0	84.0	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	63.4	70.6	76.6	77.9	81.6	84.6	85.3	85.6	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0
≥ 2500	63.4	70.9	76.9	78.6	82.3	85.3	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000	63.4	72.2	78.3	79.2	83.6	86.6	87.3	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	63.8	72.2	78.3	79.9	83.6	86.6	87.3	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1500	63.4	72.2	78.6	80.3	84.2	87.0	88.0	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	63.4	72.6	78.9	80.6	84.6	87.6	88.6	89.0	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1000	63.4	73.2	79.6	81.6	85.6	88.6	89.6	90.0	90.3	90.6	91.0	91.0	91.3	91.3	91.3	91.3
≥ 900	63.8	73.6	79.9	81.9	86.3	89.3	90.3	90.6	91.0	91.3	91.6	91.6	92.0	92.0	92.0	92.0
≥ 800	63.8	73.9	80.3	82.3	87.0	90.0	91.3	92.0	92.3	92.6	93.0	93.0	93.3	93.3	93.3	93.3
≥ 700	63.8	74.6	80.9	82.9	88.0	91.3	92.6	93.3	93.7	94.0	94.3	94.3	94.7	94.7	94.7	94.7
≥ 600	63.8	74.9	81.3	83.3	88.3	91.6	93.0	94.0	94.3	94.7	95.0	95.0	95.3	95.3	95.3	95.3
≥ 500	63.8	74.9	81.6	83.6	89.6	92.0	93.7	95.0	95.3	96.0	96.3	96.3	96.7	96.7	96.7	96.7
≥ 400	63.8	75.3	81.9	84.0	89.3	92.6	94.7	96.0	96.3	97.3	97.7	97.7	98.0	98.0	98.0	98.0
≥ 300	63.8	75.3	81.9	84.0	89.3	92.6	95.0	96.3	96.7	98.0	98.3	98.7	99.0	99.0	99.3	99.3
≥ 200	63.8	75.3	81.9	84.0	89.3	92.6	95.3	97.0	97.3	98.7	99.0	99.3	99.7	99.7	100.0	100.0
≥ 100	63.8	75.3	81.9	84.0	89.3	92.6	95.3	97.0	97.3	98.7	99.0	99.3	99.7	99.7	100.0	100.0
≥ 0	63.8	75.3	81.9	84.0	89.3	92.6	95.3	97.0	97.3	98.7	99.0	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAUREL, MD	[illegible]-82	JUN

HOURS (L S T) 02

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.7	44.3	46.7	48.0	50.0	50.3	51.0	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	25.7	48.7	51.0	53.0	55.0	55.3	56.3	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	25.7	48.7	51.0	53.0	55.0	55.3	56.3	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	25.7	48.7	51.0	53.0	55.0	55.3	56.3	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	25.0	48.7	51.0	53.3	55.3	55.7	56.7	57.0	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000	25.7	48.7	51.0	53.3	55.3	55.7	56.7	57.0	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	29.3	52.0	54.7	57.0	59.7	60.0	61.0	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	29.7	52.3	55.0	57.3	60.0	60.3	61.3	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 8000	34.7	58.3	59.7	61.0	64.0	64.7	65.7	66.3	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 7000	34.7	58.7	59.7	61.7	64.7	65.7	66.7	67.3	67.3	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	34.7	58.7	59.3	62.0	65.0	66.0	67.3	68.0	68.0	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 5000	35.7	58.7	61.7	64.7	67.7	69.0	70.3	71.0	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	35.7	58.7	62.3	65.3	68.7	70.0	71.3	72.0	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	37.7	63.3	67.3	70.7	74.0	75.3	76.7	77.3	77.3	78.0	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	37.7	64.7	69.0	72.3	76.0	77.7	79.0	79.7	79.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	37.7	65.0	70.0	73.3	79.0	79.7	81.0	81.7	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	37.7	65.3	70.7	74.3	80.0	81.7	83.0	84.0	84.3	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 2000	37.7	66.7	72.0	75.7	81.3	83.0	84.3	85.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	37.7	66.7	72.0	75.7	81.3	83.0	84.3	85.3	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	38.0	68.0	73.3	77.0	82.7	84.3	85.7	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1200	38.0	68.3	73.7	77.3	83.0	84.7	86.0	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	38.3	68.3	73.7	77.3	83.3	85.3	87.3	88.7	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	38.0	68.3	73.7	77.3	83.3	85.3	87.3	88.7	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	38.3	68.7	74.0	77.7	83.7	85.7	88.0	89.3	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 700	38.3	68.3	74.7	78.7	84.7	87.0	89.3	90.7	90.7	92.3	92.3	92.0	92.0	92.0	92.0	92.0
≥ 600	38.3	68.3	74.7	78.7	85.0	87.3	90.0	91.7	91.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 500	38.3	68.7	75.0	79.3	85.7	88.3	91.0	93.0	93.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	38.7	69.7	75.3	80.0	86.7	89.3	92.0	94.7	94.7	96.0	96.0	96.0	96.0	96.0	96.0	96.3
≥ 300	38.7	69.7	75.3	80.0	86.7	89.3	92.3	95.0	95.0	96.7	97.0	97.0	97.0	97.0	97.0	97.3
≥ 200	38.7	69.7	75.3	80.0	86.7	89.7	92.7	95.7	95.7	97.7	98.0	98.0	98.0	98.0	98.3	98.7
≥ 100	38.7	69.7	75.3	80.0	86.7	89.7	92.7	95.7	95.7	98.0	98.3	98.3	98.3	98.7	99.3	100.0
0	38.7	69.7	75.3	80.0	86.7	89.7	92.7	95.7	95.7	98.0	98.3	98.3	98.3	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.6	37.1	39.2	41.1	47.0	43.7	44.3	44.7	44.7	44.9	45.1	45.3	45.3	45.3	45.1	45.1
≥ 20000	42.3	43.2	46.5	48.4	50.7	51.6	52.2	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.1	53.2
≥ 18000	42.1	43.3	46.6	48.5	50.8	51.7	52.3	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.2	53.3
≥ 16000	42.1	43.3	46.6	48.5	50.8	51.7	52.3	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.2	53.3
≥ 14000	42.1	43.4	46.8	48.7	51.0	51.9	52.5	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.4	53.5
≥ 12000	42.4	44.1	47.4	49.3	51.6	52.7	53.3	53.7	53.7	54.2	54.2	54.2	54.2	54.2	54.3	54.4
≥ 10000	43.1	47.2	51.0	53.1	55.7	56.7	57.5	58.0	58.0	58.4	58.5	58.5	58.5	58.5	58.6	58.7
≥ 9000	43.2	47.5	51.3	53.4	56.0	57.1	57.8	58.3	58.3	58.6	58.8	58.8	58.8	58.8	58.9	59.1
≥ 8000	43.2	50.7	54.6	57.0	60.0	61.3	62.0	62.6	62.6	63.1	63.2	63.2	63.3	63.3	63.4	63.4
≥ 7000	43.3	51.6	55.6	57.9	61.0	62.3	63.1	63.7	63.7	64.2	64.3	64.3	64.3	64.3	64.4	64.5
≥ 6000	43.3	51.7	55.7	58.2	61.2	62.6	63.5	64.1	64.1	64.5	64.6	64.6	64.7	64.7	64.8	64.9
≥ 5000	43.3	53.4	57.6	61.1	63.1	64.6	65.5	66.1	66.1	66.5	66.6	66.6	66.7	66.7	66.8	66.8
≥ 4500	43.4	54.6	58.7	61.6	64.8	66.3	67.1	67.8	67.8	68.2	68.3	68.3	68.4	68.4	68.5	68.5
≥ 4000	43.4	57.5	62.5	65.4	68.8	70.5	71.4	72.0	72.0	72.6	72.7	72.7	72.8	72.8	72.9	72.9
≥ 3500	45.7	62.9	68.7	69.6	73.2	74.8	75.7	75.6	75.6	76.1	76.2	76.2	76.3	76.3	76.4	76.4
≥ 3000	45.8	63.4	69.3	71.2	75.3	77.3	78.5	79.2	79.2	79.7	79.9	79.9	79.9	79.9	80.0	80.1
≥ 2500	46.3	64.2	69.8	73.1	77.4	79.4	80.6	81.4	81.4	82.1	82.2	82.2	82.3	82.3	82.4	82.4
≥ 2000	46.4	65.4	71.2	74.7	79.1	81.1	82.5	83.2	83.2	83.9	84.0	84.0	84.1	84.1	84.2	84.3
≥ 1800	46.4	65.7	71.3	74.9	79.4	81.4	82.7	83.5	83.5	84.2	84.3	84.3	84.4	84.4	84.5	84.5
≥ 1500	46.7	67.0	72.8	76.4	81.2	83.3	84.3	85.7	85.7	86.4	86.6	86.6	86.6	86.6	86.7	86.8
≥ 1200	47.1	67.8	73.7	77.4	82.2	84.2	85.8	86.7	86.8	87.4	87.6	87.6	87.6	87.6	87.7	87.8
≥ 1000	47.4	68.3	74.2	78.0	83.1	85.1	87.0	87.9	87.9	88.6	88.8	88.8	88.9	88.9	89.0	89.1
≥ 900	47.6	69.6	74.5	78.4	83.6	85.7	87.6	88.5	88.6	89.4	89.5	89.5	89.6	89.6	89.7	89.8
≥ 800	47.6	69.2	75.1	79.2	84.6	87.1	89.0	90.0	90.1	90.9	91.1	91.1	91.2	91.2	91.3	91.5
≥ 700	47.7	69.7	75.7	81.0	85.5	88.1	90.1	91.2	91.3	92.1	92.2	92.2	92.3	92.3	92.4	92.5
≥ 600	47.7	69.9	76.0	80.3	86.0	88.6	91.1	92.3	92.4	93.3	93.4	93.4	93.5	93.5	93.6	93.7
≥ 500	47.7	70.1	76.2	80.6	86.5	89.3	92.2	93.8	93.9	94.9	95.1	95.1	95.2	95.2	95.3	95.4
≥ 400	47.8	70.3	76.4	80.8	86.9	90.1	93.2	95.1	95.2	96.4	96.6	96.6	96.8	96.8	96.9	97.1
≥ 300	47.8	70.2	76.4	80.6	87.0	90.3	93.7	95.6	95.8	97.1	97.4	97.5	97.7	97.7	97.9	98.1
≥ 200	47.8	70.2	76.4	80.8	87.1	90.4	93.9	96.1	96.2	97.7	98.2	98.3	98.4	98.4	99.1	99.2
≥ 100	47.8	70.2	76.4	80.8	87.1	90.4	93.9	96.2	96.3	97.8	98.3	98.5	99.0	99.1	99.5	99.9
≥ 0	47.8	70.2	76.4	80.8	87.0	90.4	93.9	96.1	96.3	97.8	98.3	98.5	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1978

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] LAKEHURST, NJ STATION NAME | [illegible]-[illegible] YEARS | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L S T)

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

[illegible] | [illegible] | [illegible] | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] | 77-82 | JUL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible]	[illegible]	3[illegible]	37.2	39.[illegible]	39.5	40.1	[illegible]	[illegible]	40.1	40.1	40.1	40.1	40.1	40.1	4[illegible]
≥ 20000	31.7	38.5	42.7	46.0	48.2	48.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	31.7	38.5	42.7	46.[illegible]	48.2	48.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	31.7	38.5	42.7	46.0	48.2	48.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	31.7	38.5	42.7	46.0	48.2	48.5	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	32.[illegible]	40.1	44.3	46.6	48.9	49.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	34.[illegible]	43.4	47.6	49.8	52.[illegible]	53.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 9000	34.[illegible]	43.4	47.6	49.8	52.[illegible]	53.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	34.2	46.[illegible]	50.[illegible]	52.3	56.[illegible]	56.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 7000	34.3	46.[illegible]	51.[illegible]	53.7	57.[illegible]	57.6	58.9	[illegible].9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 6000	34.[illegible]	46.[illegible]	51.9	53.7	57.[illegible]	57.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 5000	34.[illegible]	47.9	52.4	54.7	57.9	58.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 4500	34.[illegible]	47.9	52.4	54.7	57.9	58.6	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4000	35.6	51.[illegible]	56.[illegible]	58.9	62.8	63.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 3500	37.[illegible]	58.3	64.7	67.3	71.8	73.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	38.4	65.7	73.[illegible]	77.4	83.2	84.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	38.[illegible]	67.6	76.4	80.3	86.4	88.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	38.[illegible]	68.6	78.[illegible]	82.5	89.[illegible]	91.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	38.[illegible]	68.9	78.3	82.9	89.3	91.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	39.1	70.2	79.9	84.5	90.9	93.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	39.1	70.2	79.9	84.5	91.3	93.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	39.1	70.2	79.9	84.5	91.3	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	39.1	70.2	80.3	84.8	91.6	94.5	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.0	99.[illegible]
≥ 700	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 600	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	39.1	70.6	80.9	85.4	93.2	96.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	39.1	7[illegible].6	81.[illegible]	85.4	93.2	96.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	39.1	7[illegible].6	81.[illegible]	85.4	93.2	96.1	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] | [illegible] | JUL

STATION | STATION NAME | YEARS | 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	17.7	36.8	40.7	45.3	45.2	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	21.7	43.2	47.7	52.7	54.5	54.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 18000	21.3	43.2	47.7	52.7	54.5	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 16000	21.3	43.2	47.7	52.7	54.5	54.8	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 14000	21.3	43.9	48.4	53.3	55.2	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	21.3	44.3	48.4	53.3	56.5	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	21.3	47.1	52.3	55.2	60.0	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	21.3	47.1	52.3	55.2	60.0	60.3	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	23.2	51.3	56.5	59.4	64.2	64.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	23.2	52.3	57.4	61.3	65.2	65.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	23.5	52.6	57.7	61.7	65.5	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 5000	23.5	52.9	58.1	61.8	65.8	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 4500	23.5	53.6	58.7	61.8	66.5	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 4000	24.1	57.4	62.6	66.5	71.9	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3500	26.5	61.9	68.1	72.3	77.7	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	28.4	65.2	71.6	76.1	82.9	84.2	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	29.0	67.7	74.5	79.4	86.1	87.7	89.7	90.0	90.0	90.1	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	29.7	69.4	76.5	81.6	88.7	90.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	29.7	69.4	76.5	81.6	88.7	90.7	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	29.4	69.7	76.8	82.6	89.7	91.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	29.4	69.7	76.8	82.6	89.7	91.6	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	29.4	69.7	77.4	83.2	90.3	92.3	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	29.4	69.7	77.7	83.6	90.7	92.6	95.3	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8
≥ 800	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0
≥ 700	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0
≥ 600	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.4	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0
≥ 500	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.7	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7
≥ 400	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.7	98.7	99.0	99.4	99.4	99.7	99.7	99.7	99.7
≥ 300	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0
0	29.4	70.7	78.7	84.5	91.6	93.6	97.4	98.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | [illegible] WEST, WV STATION NAME | 73-[illegible] YEARS | JUL MONTH

10 HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	43.6	46.3	[illegible]	52.6	53.6	54.5	[illegible]	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	[illegible]	51.9	55.5	[illegible]	64.2	66.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	[illegible]	[illegible]	55.5	60.0	64.2	66.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	[illegible]	51.9	55.5	60.0	64.2	66.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 14000	[illegible]	51.9	55.5	[illegible]	64.2	66.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 12000	[illegible]	53.2	56.8	61.3	65.5	67.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000	[illegible]	56.6	61.3	66.1	71.0	73.2	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	[illegible]	57.1	61.9	66.8	71.6	73.9	74.8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 8000	[illegible]	59.7	64.5	69.7	74.8	77.1	78.1	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	[illegible]	61.0	66.1	71.3	76.1	78.7	80.0	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	[illegible]	61.3	66.1	71.3	76.1	78.7	80.0	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	[illegible]	61.3	66.5	71.6	76.5	79.0	80.3	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	[illegible]	62.6	67.4	73.6	78.4	81.0	82.3	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	[illegible]	65.2	71.0	76.8	82.6	85.5	87.1	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	[illegible]	65.5	71.3	77.4	83.2	86.5	88.4	89.0	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	[illegible]	67.1	72.9	79.4	85.5	89.0	91.3	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	[illegible]	67.1	72.9	79.4	85.5	89.0	91.3	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	[illegible]	68.1	73.9	80.3	86.5	90.3	92.6	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	[illegible]	68.1	73.9	80.3	86.5	90.3	92.6	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500	[illegible]	68.1	74.2	80.7	86.8	90.7	92.9	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	[illegible]	68.4	74.5	81.0	87.1	91.3	93.6	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	[illegible]	69.1	75.2	81.6	87.7	91.9	94.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	[illegible]	69.4	75.5	81.9	88.1	92.3	94.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	[illegible]	69.7	75.5	82.3	88.4	92.6	95.5	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	[illegible]	69.7	75.8	82.3	88.4	92.9	95.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	[illegible]	69.7	75.8	82.3	88.4	92.9	96.1	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	[illegible]	69.7	75.8	82.3	88.4	92.9	96.5	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	[illegible]	69.7	75.9	82.3	88.4	92.9	96.5	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	69.7	75.8	82.3	88.4	92.9	96.5	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	69.7	75.8	82.3	88.4	92.9	96.5	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	69.7	75.8	82.3	88.4	92.9	96.5	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	69.7	75.8	82.3	88.4	92.9	96.5	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

22 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	19.7	43.0	46.9	50.5	52.4	54.1	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 20000	21.3	50.8	56.6	61.2	64.7	66.7	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6
≥ 18000	21.3	50.8	56.6	61.2	64.7	66.7	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6
≥ 16000	21.3	50.8	56.6	61.2	64.7	66.7	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6
≥ 14000	21.3	50.8	56.6	61.2	64.7	66.7	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6	69.6
≥ 12000	21.3	50.8	56.6	61.2	65.4	67.3	68.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.6	70.6
≥ 10000	22.0	53.7	59.9	65.1	69.9	72.2	74.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7
≥ 9000	22.0	53.7	59.9	65.1	69.9	72.2	74.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7
≥ 8000	22.3	55.0	61.9	66.0	73.1	75.4	77.4	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.3	79.3
≥ 7000	22.3	56.0	62.9	66.9	74.4	76.7	78.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.6	80.6
≥ 6000	22.3	56.0	62.9	68.9	74.4	76.7	78.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.6	80.6
≥ 5000	22.3	56.0	63.1	69.3	74.9	77.0	79.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.9	80.9
≥ 4500	22.3	57.6	65.1	71.2	76.7	79.6	81.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.5	83.5
≥ 4000	22.7	60.4	68.6	75.1	80.9	83.9	85.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.7
≥ 3500	22.7	61.2	69.9	75.4	81.2	84.1	86.1	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.4	88.4
≥ 3000	22.7	62.1	70.7	77.0	83.2	86.4	88.7	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.9	90.9
≥ 2500	22.7	62.1	70.2	77.0	83.2	86.4	89.0	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.3	91.3
≥ 2000	22.7	62.5	70.6	77.4	83.5	86.7	89.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 1800	22.7	62.5	70.6	77.4	83.5	86.7	89.6	91.5	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 1500	22.7	62.5	70.6	77.4	83.5	87.4	90.3	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9
≥ 1200	22.7	62.5	70.6	77.4	83.5	87.4	90.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2
≥ 1000	22.7	62.5	71.2	78.0	84.1	88.0	91.3	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9
≥ 900	22.7	62.5	71.2	78.0	84.1	88.4	91.6	93.5	93.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2
≥ 800	22.7	62.5	71.5	78.3	84.5	88.7	91.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.5	94.5
≥ 700	22.7	62.5	71.8	78.6	85.1	89.3	92.6	94.5	94.8	94.8	94.8	94.8	94.8	94.8	95.2	95.2
≥ 600	22.7	62.5	71.8	78.6	85.1	89.3	93.2	95.2	95.5	95.8	95.8	95.8	95.8	95.8	96.1	96.1
≥ 500	22.7	62.8	72.2	79.0	85.4	89.6	94.5	96.4	96.8	97.4	97.4	97.4	97.4	97.4	97.7	97.7
≥ 400	22.7	63.1	72.5	79.3	85.8	90.0	94.8	96.8	97.1	97.7	97.7	97.7	97.7	97.7	98.1	98.1
≥ 300	22.7	63.4	72.8	79.6	86.4	90.6	95.8	97.7	98.4	99.0	99.0	99.0	99.0	99.0	99.4	99.4
≥ 200	22.7	63.4	72.8	79.6	86.4	90.6	95.8	97.7	98.4	99.0	99.0	99.0	99.7	99.7	100.0	100.0
≥ 100	22.7	63.4	72.8	79.6	86.4	90.6	95.8	97.7	98.4	99.0	99.0	99.0	99.7	99.7	100.0	100.0
0	22.7	63.4	72.8	79.6	86.4	90.6	95.8	97.7	98.4	99.0	99.0	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) LAKEHURST, NJ (STATION NAME) 72-82 (YEARS) JUL (MONTH)

ALL (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible]	37.[illegible]	[illegible]	43.4	45.[illegible]	47.2	48.9	49.5	49.5	49.7	49.8	49.8	49.8	49.8	50.1	50.1
≥ 20000	[illegible]	43.3	47.7	51.2	54.8	56.6	58.7	59.3	59.4	59.6	59.8	59.8	59.8	59.9	60.2	60.2
≥ 18000	1[illegible]	43.3	47.7	51.2	54.8	56.6	58.7	59.3	59.4	59.6	59.8	59.8	59.8	59.9	60.2	60.2
≥ 16000	1[illegible]	43.3	47.7	51.2	54.8	56.6	58.7	59.3	59.4	59.6	59.8	59.8	59.8	59.9	60.2	60.2
≥ 14000	1[illegible]	43.4	47.8	51.3	55.0	56.8	58.9	59.5	59.6	59.8	60.0	60.0	60.0	60.1	60.4	60.4
≥ 12000	1[illegible]	43.4	48.3	51.9	55.7	57.5	59.6	60.4	60.5	60.7	60.9	60.9	60.9	61.0	61.3	61.3
≥ 10000	19.8	46.6	51.5	55.2	59.6	61.8	64.1	65.0	65.1	65.3	65.5	65.5	65.6	65.6	65.9	66.[illegible]
≥ 9000	19.8	46.7	51.6	55.3	59.8	62.0	64.4	65.2	65.3	65.5	65.8	65.8	65.8	65.9	66.1	66.2
≥ 8000	[illegible].4	49.[illegible]	54.7	58.7	63.7	66.1	68.5	69.4	69.5	69.9	70.1	70.1	70.2	70.2	70.5	70.6
≥ 7000	[illegible].8	50.4	55.7	59.7	64.8	67.2	69.8	70.7	70.8	71.1	71.4	71.4	71.4	71.5	71.8	71.9
≥ 6000	20.[illegible]	50.[illegible]	55.8	59.8	64.9	67.3	69.9	70.8	70.9	71.2	71.5	71.5	71.5	71.6	71.9	72.0
≥ 5000	[illegible].9	50.9	56.2	60.3	65.3	67.8	70.3	71.3	71.4	71.7	72.0	72.0	72.0	72.1	72.4	72.5
≥ 4500	[illegible].7	51.[illegible]	57.3	61.5	66.6	69.2	71.9	72.9	73.0	73.3	73.6	73.6	73.6	73.7	74.0	74.1
≥ 4000	[illegible].7	54.3	60.0	64.6	70.3	73.1	76.0	77.3	77.4	77.7	77.9	77.9	78.0	78.0	78.4	78.4
≥ 3500	[illegible].9	56.6	62.7	67.4	73.2	76.2	79.1	80.4	80.5	80.9	81.1	81.1	81.2	81.2	81.6	81.6
≥ 3000	[illegible].0	59.4	66.0	71.0	77.4	[illegible].7	83.9	85.2	85.3	85.7	85.9	85.9	86.0	86.1	86.4	86.5
≥ 2500	23.3	[illegible].5	67.2	72.5	78.9	82.3	85.6	87.0	87.1	87.4	87.7	87.7	87.7	87.8	88.2	88.2
≥ 2000	23.3	[illegible].4	68.3	73.7	80.4	84.0	87.4	88.9	89.0	89.3	89.5	89.5	89.6	89.7	90.0	90.1
≥ 1800	23.3	61.6	68.4	73.8	80.5	84.2	87.6	89.0	89.1	89.5	89.7	89.7	89.8	89.9	90.2	90.3
≥ 1500	23.4	62.1	69.0	74.7	81.5	85.3	89.0	90.6	90.7	91.1	91.3	91.3	91.3	91.4	91.8	91.8
≥ 1200	23.4	62.2	69.3	75.1	82.1	86.0	89.7	91.3	91.4	91.8	92.0	92.0	92.1	92.2	92.5	92.6
≥ 1000	23.4	62.5	69.9	75.7	82.8	86.8	90.6	92.4	92.5	92.9	93.1	93.1	93.2	93.3	93.6	93.7
≥ 900	23.4	62.6	70.2	76.0	83.2	87.3	91.1	93.1	93.2	93.5	93.8	93.8	93.9	94.0	94.4	94.4
≥ 800	23.4	63.0	70.7	76.5	83.9	88.1	92.3	94.3	94.5	94.9	95.1	95.1	95.3	95.4	95.7	95.7
≥ 700	23.4	63.2	70.9	76.8	84.3	88.7	92.9	94.9	95.1	95.5	95.7	95.7	95.8	95.9	96.3	96.3
≥ 600	23.4	63.2	70.9	76.9	84.5	88.9	93.4	95.5	95.6	96.0	96.3	96.3	96.5	96.6	96.9	97.0
≥ 500	23.4	63.3	71.0	77.1	84.8	89.1	94.1	96.6	96.8	97.3	97.6	97.6	97.8	97.9	98.2	98.3
≥ 400	23.4	63.3	71.1	77.2	84.9	89.2	94.2	96.9	97.1	97.6	97.9	98.0	98.1	98.2	98.6	98.6
≥ 300	23.4	63.4	71.1	77.3	85.0	89.3	94.4	97.1	97.5	98.0	98.4	98.4	98.7	98.8	99.2	99.3
≥ 200	23.4	63.4	71.1	77.3	85.[illegible]	89.4	94.5	97.2	97.5	98.0	98.5	98.6	98.9	99.0	99.5	99.6
≥ 100	23.4	63.4	71.1	77.3	85.[illegible]	89.4	94.5	97.2	97.5	98.[illegible]	98.6	98.6	99.0	99.1	99.7	99.8
0	23.4	63.4	71.1	77.3	85.0	89.4	94.5	97.2	97.5	98.0	98.6	98.6	99.0	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2044

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | LAKEHURST, NJ STATION NAME | 73-75 YEARS | [illegible] MONTH

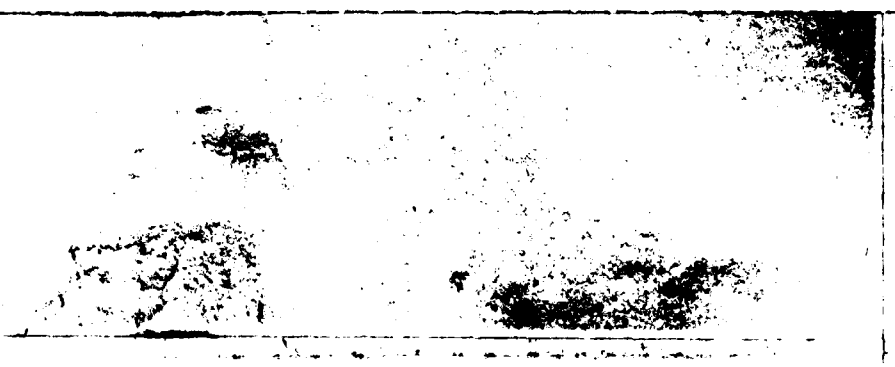
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	31.7	36.6	37.6	40.9	41.9	46.2	47.3	48.4	48.4	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	9.7	36.6	41.9	44.1	49.5	51.6	58.1	59.1	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000	9.7	36.6	41.9	44.1	49.5	51.6	58.1	59.1	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000	9.7	36.6	41.9	44.1	49.5	51.6	58.1	59.1	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000	9.7	36.6	41.9	44.1	49.5	51.6	58.1	59.1	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000	9.7	36.6	43.0	45.2	50.5	52.7	59.1	60.2	61.3	61.3	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	9.7	37.6	46.2	48.4	53.8	55.9	62.4	63.4	64.5	64.5	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	9.7	38.7	47.3	49.5	54.8	57.0	63.4	64.5	65.6	65.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	9.7	44.1	52.7	54.8	61.3	63.4	69.9	71.0	72.0	72.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	9.7	44.1	52.7	55.9	62.4	64.5	71.0	72.0	73.1	73.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	11.8	46.3	54.8	58.1	64.5	66.7	73.1	74.2	75.3	75.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	11.8	47.3	55.9	59.1	65.6	68.8	75.3	76.3	77.4	77.4	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	11.8	48.4	57.0	60.2	66.7	69.9	76.3	77.4	78.5	78.5	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	11.8	50.5	59.1	62.4	68.8	72.0	78.5	79.6	81.7	81.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	11.8	50.5	59.1	62.4	68.8	72.0	78.5	79.6	81.7	81.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	11.8	50.5	59.1	62.4	68.8	72.0	78.5	80.7	82.8	82.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	11.8	50.5	59.1	62.4	68.8	72.0	78.5	80.7	82.8	82.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	11.8	51.6	60.2	63.4	69.9	73.1	79.6	81.7	83.9	83.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1800	11.8	51.6	60.2	63.4	69.9	73.1	79.6	81.7	83.9	83.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1500	11.8	52.7	61.3	64.5	72.0	76.3	82.8	85.0	87.1	87.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	11.8	52.7	61.3	64.5	72.0	76.3	83.9	86.0	88.2	88.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	11.8	54.8	63.4	66.7	74.2	78.5	87.1	89.3	91.4	91.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	11.8	54.8	63.4	66.7	74.2	78.5	87.1	89.3	91.4	91.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 800	11.8	54.8	64.5	67.7	76.3	80.7	89.3	91.4	93.6	93.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	11.8	54.8	64.5	67.7	76.3	80.7	89.3	91.4	93.6	93.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 600	11.8	54.8	64.5	67.7	76.3	80.7	89.3	91.4	93.6	93.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	11.8	54.8	64.5	67.7	76.3	81.7	91.4	93.6	95.7	95.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	11.8	54.8	64.5	67.7	76.3	81.7	92.5	94.6	96.8	96.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	11.8	54.8	64.5	67.7	76.3	81.7	92.5	94.6	96.8	96.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	11.8	54.8	64.5	67.7	76.3	81.7	93.6	95.7	97.9	97.9	98.9	98.9	98.9	98.9	100.0	100.0
≥ 100	11.8	54.8	64.5	67.7	76.3	81.7	93.6	95.7	97.9	97.9	98.9	98.9	98.9	98.9	100.0	100.0
0	11.8	54.8	64.5	67.7	76.3	81.7	93.6	95.7	97.9	97.9	98.9	98.9	98.9	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) LAKEHURST, NJ (STATION NAME) 73-75 (YEARS) AUG (MONTH)

06 (HOURS (L S T))

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.7	28.1	29.3	30.1	35.5	37.6	45.2	47.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	50.5
≥ 20000	7.7	30.1	31.2	32.3	40.9	43.0	51.6	54.8	55.9	57.0	57.0	57.0	57.0	58.1	58.1	59.1
≥ 18000	7.7	30.1	31.2	32.3	40.9	43.0	51.6	54.8	55.9	57.0	57.0	57.0	57.0	58.1	58.1	59.1
≥ 16000	7.7	30.1	31.2	32.3	40.9	43.0	51.6	54.8	55.9	57.0	57.0	57.0	57.0	58.1	58.1	59.1
≥ 14000	7.7	30.1	31.2	32.3	40.9	43.0	51.6	54.8	55.9	57.0	57.0	57.0	57.0	58.1	58.1	59.1
≥ 12000	7.7	32.3	33.4	35.5	44.1	46.2	54.8	58.1	59.1	60.2	60.2	60.2	60.2	61.3	61.3	62.4
≥ 10000	7.7	34.6	35.7	37.8	46.4	50.5	59.1	62.4	63.4	64.5	64.5	64.5	64.5	65.6	65.6	66.7
≥ 9000	7.7	37.8	39.8	40.9	49.5	53.6	62.2	65.4	66.5	65.6	65.6	65.6	65.6	66.7	66.7	67.7
≥ 8000	7.7	39.8	41.9	43.0	52.7	56.8	65.6	68.8	69.9	71.0	71.0	71.0	71.0	72.0	72.0	73.1
≥ 7000	7.7	39.8	41.9	43.0	52.7	56.8	65.6	68.8	69.9	71.0	71.0	71.0	71.0	72.0	72.0	73.1
≥ 6000	7.7	39.8	41.9	43.0	52.7	56.8	65.6	68.8	69.9	71.0	71.0	71.0	71.0	72.0	72.0	73.1
≥ 5000	7.7	41.1	44.1	46.2	56.8	61.0	67.7	71.0	72.0	73.1	73.1	73.1	73.1	74.2	74.2	75.3
≥ 4500	7.7	44.1	46.2	47.3	58.1	62.2	71.0	74.2	75.3	76.3	76.3	76.3	76.3	77.4	77.4	78.5
≥ 4000	7.7	44.1	46.2	47.3	58.1	62.2	71.0	74.2	75.3	76.3	76.3	76.3	76.3	77.4	77.4	78.5
≥ 3500	7.7	45.2	47.4	49.5	60.2	64.4	73.1	76.3	77.4	78.5	78.5	78.5	78.5	79.6	79.6	80.7
≥ 3000	7.7	46.2	48.4	50.5	61.3	65.4	74.2	77.4	78.5	79.6	79.6	79.6	79.6	80.7	80.7	81.7
≥ 2500	7.7	47.3	49.5	51.6	62.4	66.5	75.3	78.5	79.6	80.7	80.7	80.7	80.7	81.7	81.7	82.8
≥ 2000	7.7	48.4	50.5	52.7	63.4	67.6	76.3	79.6	80.7	81.7	81.7	81.7	81.7	82.8	82.8	83.9
≥ 1800	7.7	48.4	50.5	52.7	63.4	67.6	76.3	79.6	80.7	81.7	81.7	81.7	81.7	82.8	82.8	83.9
≥ 1500	7.7	48.4	50.5	52.7	64.5	66.7	77.4	80.7	81.7	82.8	82.8	82.8	82.8	83.9	83.9	85.0
≥ 1200	7.7	49.5	51.6	53.8	66.7	69.9	80.7	83.9	85.0	86.0	86.0	86.0	86.0	87.1	87.1	88.2
≥ 1000	7.7	49.5	51.6	53.8	67.7	71.0	81.7	85.0	86.0	87.1	87.1	87.1	87.1	88.2	88.2	89.3
≥ 900	7.7	49.5	51.6	53.8	67.7	71.0	81.7	85.0	86.0	87.1	87.1	87.1	87.1	88.2	88.2	89.3
≥ 800	7.7	49.5	51.6	53.8	67.7	72.0	82.8	86.0	87.1	88.2	88.2	88.2	88.2	89.3	89.3	90.3
≥ 700	7.7	49.5	51.6	53.8	67.7	72.0	82.8	86.0	87.1	88.2	88.2	88.2	88.2	89.3	89.3	90.3
≥ 600	7.7	49.5	51.6	53.8	67.7	72.0	82.8	86.0	87.1	88.2	88.2	88.2	88.2	89.3	89.3	90.3
≥ 500	7.7	50.5	53.8	55.9	69.9	74.2	85.0	88.2	89.3	90.3	90.3	90.3	90.3	91.4	91.4	92.5
≥ 400	7.7	50.5	53.8	55.9	69.9	74.2	87.1	91.4	92.5	93.6	93.6	93.6	93.6	94.6	94.6	95.7
≥ 300	7.7	50.5	53.8	55.9	69.9	74.2	87.1	91.4	92.5	93.6	94.6	94.6	94.6	95.7	95.7	96.8
≥ 200	7.7	50.5	53.8	55.9	69.9	75.3	88.2	92.5	93.6	94.6	95.7	95.7	95.7	96.8	96.8	97.9
≥ 100	7.7	50.5	53.8	55.9	69.9	75.3	88.2	92.5	93.6	94.6	95.7	95.7	95.7	96.8	96.8	100.0
≥ 0	7.7	50.5	53.8	55.9	69.9	75.3	88.2	92.5	93.6	94.6	95.7	95.7	95.7	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 93

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

187	LAKEHURST, NJ	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	6.1	20.7	23.2	24.8	29.7	32.9	39.4	41.6	41.6	43.2	43.6	43.9	44.2	44.2	44.2	44.3
≥ 20000	6.1	22.3	24.8	27.7	34.2	38.1	45.5	48.4	48.4	50.7	51.0	51.3	51.6	51.6	52.3	52.9
≥ 18000	6.1	22.3	24.9	27.7	34.2	38.1	45.5	48.4	48.4	50.7	51.0	51.3	51.6	51.6	52.3	52.9
≥ 16000	6.1	22.3	24.8	27.7	34.2	38.1	45.5	48.4	48.4	50.7	51.0	51.3	51.6	51.6	52.3	52.9
≥ 14000	6.1	22.3	24.9	27.7	34.2	38.1	45.5	48.4	48.4	50.7	51.0	51.3	51.6	51.6	52.3	52.9
≥ 12000	6.1	22.3	24.9	27.7	34.2	38.1	45.5	48.4	48.4	50.7	51.0	51.3	51.6	51.6	52.3	52.9
≥ 10000	6.1	24.2	27.4	31.3	39.4	43.9	51.9	55.5	55.5	56.1	58.4	58.7	59.0	59.0	59.7	60.3
≥ 9000	6.1	24.2	27.4	31.3	39.4	43.9	52.3	55.8	55.8	58.4	58.7	59.0	59.4	59.4	60.0	60.7
≥ 8000	6.1	26.3	31.3	34.5	43.2	49.0	59.4	63.2	63.2	65.8	66.1	66.5	67.4	67.4	68.1	69.0
≥ 7000	6.5	27.1	31.7	35.2	43.9	49.7	60.0	64.2	64.2	66.8	67.1	67.4	68.4	68.4	69.2	70.2
≥ 6000	6.5	27.4	31.7	35.5	44.2	50.0	60.3	64.5	64.5	67.1	67.4	67.7	68.7	68.7	69.4	70.7
≥ 5000	6.5	28.4	32.6	37.1	45.9	51.6	62.6	66.9	66.9	69.4	69.7	70.0	71.0	71.0	71.9	72.9
≥ 4500	6.7	28.4	32.6	37.1	45.9	51.6	62.9	67.1	67.1	69.7	70.0	70.3	71.3	71.3	72.3	73.2
≥ 4000	6.5	30.0	34.5	39.2	48.4	54.8	66.5	70.7	71.0	73.6	73.9	74.2	75.5	75.5	76.5	77.4
≥ 3500	6.9	31.8	36.5	41.0	49.4	55.8	67.4	71.6	71.9	74.5	74.8	75.2	76.5	76.5	77.4	78.4
≥ 3000	7.4	32.6	37.1	41.6	51.6	58.1	69.7	74.2	74.5	77.1	77.4	77.7	79.0	79.0	80.0	81.0
≥ 2500	7.4	32.6	37.1	41.6	51.6	58.1	69.7	74.2	74.5	77.1	77.4	77.7	79.0	79.0	80.0	81.0
≥ 2000	7.4	33.2	37.7	42.3	52.9	59.4	71.0	75.5	75.8	78.4	78.7	79.0	80.3	80.3	81.3	82.3
≥ 1800	7.4	33.2	37.7	42.3	52.9	59.4	71.0	75.5	75.8	78.4	78.7	79.0	80.3	80.3	81.3	82.3
≥ 1500	7.4	33.6	38.1	42.6	54.2	60.7	72.6	77.4	77.7	80.3	81.0	81.3	82.6	82.6	83.6	84.5
≥ 1200	7.4	33.9	38.7	43.2	54.9	61.6	73.6	78.4	78.7	81.3	81.9	82.3	83.6	83.6	84.5	85.5
≥ 1000	7.4	33.9	38.7	43.2	54.9	61.6	73.9	78.7	79.0	81.6	82.3	82.6	83.9	83.9	84.8	85.8
≥ 900	7.4	33.9	38.7	43.2	54.9	61.6	73.9	78.7	79.0	81.6	82.3	82.6	83.9	83.9	84.8	85.8
≥ 800	7.4	34.2	39.4	43.9	55.8	62.6	75.2	80.0	80.3	82.9	83.6	83.9	85.2	85.2	86.1	87.1
≥ 700	7.4	34.2	39.4	43.9	55.8	62.6	75.2	80.0	80.7	82.9	83.6	83.9	85.2	85.2	86.1	87.1
≥ 600	7.4	34.5	39.7	44.2	56.1	62.9	75.1	81.0	81.3	83.9	84.8	85.2	86.5	86.5	87.4	88.7
≥ 500	7.4	34.5	39.7	44.8	56.9	63.6	77.1	82.9	83.2	86.1	87.7	88.4	89.7	89.7	90.7	92.3
≥ 400	7.4	34.5	39.7	44.8	57.1	63.9	77.4	83.6	84.2	87.1	88.7	89.4	91.0	91.0	91.9	93.6
≥ 300	7.4	34.5	39.7	44.8	57.1	64.2	77.7	84.2	84.8	87.7	89.7	90.3	92.3	92.3	93.2	95.2
≥ 200	7.4	34.5	39.7	44.8	57.1	64.2	77.7	84.2	84.8	87.7	89.7	90.3	93.2	93.6	95.5	98.4
≥ 100	7.4	34.5	39.7	44.8	57.1	64.2	77.7	84.2	84.8	87.7	89.7	90.3	93.2	93.6	96.1	100.0
0	7.4	34.5	39.7	44.8	57.1	64.2	77.7	84.2	84.5	87.7	89.7	90.3	93.2	93.6	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

HOURS (L S T): 10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	32.[illegible]	37.4	42.3	48.7	49.4	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	[illegible]	35.[illegible]	41.3	45.5	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	[illegible]	35.[illegible]	41.3	45.5	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	[illegible]	33.[illegible]	41.3	45.5	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 14000	[illegible]	35.[illegible]	41.3	45.5	52.9	53.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 12000	[illegible]	37.1	42.6	46.8	54.5	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	[illegible]	39.4	45.2	50.3	58.7	60.3	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	[illegible]	39.4	45.2	50.3	58.7	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 8000	[illegible]	42.9	48.4	54.8	63.2	65.2	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 7000	[illegible]	43.6	50.0	56.5	63.9	65.8	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 6000	[illegible]	43.9	51.3	55.8	64.2	66.1	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	[illegible]	44.[illegible]	51.6	57.1	65.5	67.4	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 4500	[illegible]	45.[illegible]	52.6	58.4	66.8	68.7	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	[illegible]	46.5	53.9	59.7	68.4	70.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 3500	[illegible]	47.7	55.0	61.6	70.7	72.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	[illegible]	[illegible]	54.4	64.2	74.2	76.8	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	[illegible]	52.6	61.0	67.1	77.4	80.0	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	[illegible]	54.3	62.6	69.0	79.7	82.3	84.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	[illegible]	54.[illegible]	63.2	69.7	80.3	82.9	85.2	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500	[illegible]	55.[illegible]	64.2	71.0	82.6	85.5	88.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1200	[illegible]	56.3	64.8	71.9	84.5	87.7	91.0	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1000	[illegible]	56.1	66.5	73.9	86.8	90.3	93.6	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	[illegible]	53.1	66.5	74.2	87.1	90.7	93.9	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	[illegible]	[illegible]	67.1	74.8	87.7	91.9	95.5	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	[illegible]	56.7	67.1	74.8	87.7	91.9	95.5	96.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	[illegible]	56.7	67.1	74.8	87.7	91.9	95.5	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	[illegible]	56.7	67.1	74.8	88.1	92.3	96.5	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	[illegible]	56.7	67.1	74.8	88.1	92.3	96.8	98.7	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	56.7	67.1	74.8	88.1	92.3	96.8	98.7	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	[illegible]	56.7	67.1	74.8	88.1	92.3	96.8	98.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	56.7	67.1	74.8	88.1	92.3	96.8	98.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0
0	[illegible]	56.7	67.1	74.8	88.1	92.3	96.8	98.7	99.0	99.4	99.7	99.7	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

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	12.3	27.4	31.1	33.2	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	14.4	32.9	37.1	39.4	41.6	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 18000	14.4	32.9	37.1	39.4	41.6	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 16000	14.4	32.9	37.1	39.4	41.6	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 14000	14.4	32.9	37.1	39.4	41.6	41.6	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000	14.4	33.3	37.4	39.7	41.9	41.9	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 10000	14.5	36.9	41.3	43.6	45.8	45.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	14.5	37.4	41.9	44.2	46.5	46.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	15.1	40.3	45.0	48.7	51.6	51.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 7000	15.4	41.1	46.5	49.4	52.3	52.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 6000	15.4	41.8	46.5	49.4	52.3	52.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 5000	15.4	42.6	48.4	51.3	54.2	54.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 4500	15.7	43.6	49.4	52.3	55.5	55.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4000	15.7	45.5	52.9	56.1	59.7	60.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 3500	21.1	50.3	57.4	62.3	67.4	68.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 3000	23.9	55.3	65.5	71.0	77.1	78.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	24.4	61.1	71.0	77.7	84.2	85.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	24.4	61.9	72.6	79.7	86.1	88.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	25.0	62.6	73.2	80.3	86.8	89.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	25.2	63.2	74.3	81.3	87.7	90.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200	25.3	64.2	75.5	82.6	89.0	91.3	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	25.2	64.5	75.8	82.9	89.0	92.3	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	25.3	64.5	76.1	83.2	90.3	92.6	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	25.2	64.5	76.1	83.6	90.7	92.9	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	25.3	64.5	76.1	83.6	91.0	93.2	97.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	25.3	64.5	76.5	83.9	91.6	94.2	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	25.2	64.5	76.5	83.9	91.6	94.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	25.2	64.5	76.5	83.9	91.6	94.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	25.2	64.5	76.5	83.9	91.6	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	25.2	64.5	76.5	83.9	91.6	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	25.2	64.5	76.5	83.9	91.6	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	25.2	64.5	76.5	83.9	91.6	94.2	98.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

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																
≥ 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 713

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	35.7	38.1	41.3	44.8	45.[illegible]	47.7	48.1	48.1	48.2	48.1	48.2	48.1	48.1	48.1	48.1
≥ 20000	[illegible]	43.2	46.0	51.[illegible]	55.8	57.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	[illegible]	43.2	46.8	51.8	55.8	57.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	[illegible]	43.2	46.8	51.8	55.8	57.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	[illegible]	43.2	46.8	51.8	55.8	57.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	[illegible]	44.2	47.7	51.9	57.1	59.[illegible]	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	[illegible]	48.4	52.0	56.1	63.6	65.5	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	[illegible]	49.[illegible]	53.6	58.7	64.2	66.1	70.2	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 8000	[illegible]	52.9	57.7	62.9	69.[illegible]	71.3	75.1	76.5	76.[illegible]	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	[illegible]	53.6	58.7	64.2	7[illegible].3	72.6	77.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000	[illegible]	53.7	59.0	64.5	70.7	72.9	78.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	[illegible]	[illegible]	60.7	66.1	72.3	74.5	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	[illegible]	55.9	61.9	67.1	73.3	76.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4000	[illegible]	57.1	63.2	[illegible].3	75.8	78.7	84.2	84.5	84.5	84.5	84.5	84.5	84.8	84.8	84.8	84.8
≥ 3500	[illegible]	57.4	64.[illegible]	70.0	77.1	[illegible].0	86.1	86.5	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1
≥ 3000	[illegible]	59.4	66.1	71.9	80.0	[illegible].6	89.7	90.0	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7
≥ 2500	[illegible]	[illegible]	67.4	73.2	81.3	[illegible].2	91.6	91.9	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.6
≥ 2000	[illegible]	[illegible].3	67.7	74.2	82.6	[illegible].5	93.6	94.2	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8
≥ 1800	[illegible]	[illegible].3	68.1	74.5	82.9	[illegible].9	93.9	94.5	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2
≥ 1500	[illegible]	[illegible].7	68.1	74.5	82.9	[illegible].8	93.9	95.2	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
≥ 1200	[illegible]	[illegible].3	68.1	74.5	82.9	[illegible].8	93.9	95.2	95.5	95.5	95.5	95.5	95.8	95.8	95.8	95.8
≥ 1000	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].4	94.5	96.5	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1
≥ 900	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].4	94.8	96.8	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4
≥ 800	[illegible]	[illegible].3	68.7	75.2	[illegible]3.6	[illegible].4	94.8	96.8	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4
≥ 700	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].4	94.8	96.8	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.4
≥ 600	[illegible]	61.[illegible]	68.7	75.2	83.6	[illegible].4	95.2	[illegible].1	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 500	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].4	95.5	98.1	98.4	98.7	98.7	98.7	99.0	99.[illegible]	99.0	99.0
≥ 400	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].7	95.8	98.4	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 300	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].7	96.1	98.7	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].7	96.1	98.7	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 100	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].7	96.1	98.7	99.[illegible]	99.4	99.4	99.4	99.7	99.7	100.0	100.0
≥ 0	[illegible]	[illegible].3	68.7	75.2	83.6	[illegible].7	96.1	98.7	99.[illegible]	99.4	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 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	.1	70.9	3 .4	37.1	41.5	41.7	44.1	44.7	44.8	45.1	45.2	45.2	45.3	45.3	45.3	45.4
≥ 20000	17.4	36.5	4 .7	44.1	48.7	49.2	53.4	54.2	54.3	54.7	54.9	54.8	54.9	54.9	55.3	55.2
≥ 18000	17.4	36.5	4 .5	44.1	48.7	49.2	53.4	54.2	54.3	54.7	54.9	54.8	54.9	54.9	55.3	55.2
≥ 16000	17.4	36.5	40.5	44.1	48.7	49.2	53.4	54.2	54.3	54.7	54.9	54.8	54.9	54.9	55.3	55.2
≥ 14000	17.4	36.5	40.5	44.1	48.7	49.2	53.4	54.2	54.3	54.7	54.9	54.8	54.9	54.9	55.3	55.2
≥ 12000	18.0	37.2	41.3	44.9	49.7	50.2	54.3	55.2	55.3	55.7	55.8	55.8	55.8	55.9	56.3	56.1
≥ 10000	19.4	40.1	44.7	48.9	54.1	55.1	59.2	60.2	60.3	60.7	60.9	60.9	60.9	61.0	61.1	61.1
≥ 9000	19.4	40.4	45.1	49.2	54.4	56.1	59.7	60.7	60.9	61.2	61.3	61.4	61.4	61.5	61.6	61.7
≥ 8000	19.4	44.1	49.4	53.8	59.5	61.7	65.9	66.9	67.0	67.5	67.6	67.6	67.8	67.9	67.9	68.1
≥ 7000	19.4	44.7	50.1	54.7	60.4	62.5	66.8	67.9	68.0	68.4	68.5	68.6	68.7	68.8	68.9	69.1
≥ 6000	19.7	48.0	53.4	58.0	63.7	65.8	69.1	70.2	70.3	70.7	70.9	70.9	71.0	71.1	71.1	71.3
≥ 5000	19.7	48.3	53.7	58.4	64.2	66.4	69.8	70.9	71.0	71.4	71.5	71.5	71.7	71.7	71.9	72.1
≥ 4500	19.9	49.1	54.5	59.6	65.6	67.5	71.2	72.3	72.4	72.8	72.9	72.9	73.1	73.2	73.3	73.5
≥ 4000	19.9	49.8	55.1	60.3	66.3	68.9	72.8	74.0	74.1	74.6	75.1	75.1	75.2	75.3	75.4	75.6
≥ 3500	19.9	50.7	56.4	62.5	69.3	72.1	77.2	78.4	78.6	79.1	79.2	79.2	79.5	79.5	79.7	79.8
≥ 3000	19.9	53.1	59.1	65.8	73.5	76.4	81.7	83.1	83.4	83.8	83.9	84.0	84.2	84.3	84.4	84.6
≥ 2500	19.9	54.4	60.3	66.9	75.5	78.9	84.4	85.9	86.1	86.6	86.7	86.7	86.9	87.0	87.1	87.3
≥ 2000	19.9	55.3	62.3	69.1	77.2	80.5	86.2	87.8	88.1	88.6	88.7	88.8	89.0	89.1	89.2	89.4
≥ 1800	19.9	55.5	62.1	69.3	77.5	80.8	86.5	88.1	88.4	88.9	89.0	89.0	89.2	89.3	89.5	89.7
≥ 1500	19.9	55.9	62.5	69.8	78.4	81.9	87.9	89.6	89.9	90.4	90.5	90.6	90.8	90.9	91.1	91.3
≥ 1200	19.9	56.9	64.1	70.4	79.2	82.8	88.9	90.8	91.1	91.5	91.6	91.7	91.9	92.0	92.2	92.4
≥ 1000	19.9	56.9	64.7	71.1	80.2	83.8	90.1	92.1	92.3	92.6	92.7	92.8	92.9	93.0	93.2	93.4
≥ 900	19.9	56.9	64.7	71.2	80.3	83.9	90.3	92.3	92.6	93.0	93.1	93.2	93.3	93.4	93.7	93.9
≥ 800	19.9	57.1	65.1	71.7	80.9	84.7	91.2	93.4	93.7	94.2	94.3	94.4	94.6	94.7	94.9	95.1
≥ 700	19.9	57.1	65.2	71.7	81.1	85.3	91.5	93.6	94.0	94.5	94.6	94.7	94.9	95.0	95.2	95.4
≥ 600	19.9	57.2	65.3	71.9	81.3	85.3	92.0	94.3	94.7	95.2	95.4	95.4	95.7	95.7	95.9	96.1
≥ 500	19.9	57.3	65.4	72.1	81.6	85.6	92.7	95.4	95.8	96.3	96.7	96.8	97.0	97.1	97.3	97.6
≥ 400	19.9	57.3	65.4	72.1	81.6	85.7	93.1	95.9	96.3	96.9	97.3	97.4	97.7	97.8	98.0	98.2
≥ 300	19.9	57.3	65.4	72.1	81.6	85.9	93.2	96.2	96.6	97.3	97.8	97.9	98.2	98.3	98.5	98.8
≥ 200	19.9	57.3	65.4	72.1	81.6	85.8	93.4	96.3	96.7	97.4	97.9	98.0	98.5	98.6	99.0	99.2
≥ 100	19.9	57.3	65.4	72.1	81.6	85.8	93.4	96.3	96.7	97.4	97.9	98.0	98.5	98.6	99.3	100.0
≥ 0	19.9	57.3	65.4	72.1	81.6	85.8	93.4	96.3	96.7	97.4	97.9	98.0	98.5	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2045

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | LA[illegible]RST, NJ STATION NAME | 77-7[illegible] YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible] HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible].[illegible]	3[illegible].[illegible]	4[illegible].3	4[illegible].6	4[illegible].[illegible]	4[illegible].[illegible]	5[illegible].2	[illegible]5.6	[illegible]5.6	[illegible]5.6	56.7	56.7	56.7	56.7	56.7	56.7
≥ 20000	1.1	43.3	47.8	52.2	55.6	[illegible]5.6	58.9	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4
≥ 18000	1.1	43.3	47.8	52.2	55.6	55.6	58.9	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4
≥ 16000	1.1	43.3	47.8	52.2	55.6	55.6	58.9	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4
≥ 14000	1.1	43.3	47.8	52.2	55.6	[illegible]5.6	58.9	62.2	62.2	62.2	63.3	63.3	64.4	64.4	64.4	64.4
≥ 12000	1.1	44.4	48.9	53.3	56.7	56.7	60.0	63.3	63.3	63.3	64.4	64.4	65.6	65.6	65.6	65.6
≥ 10000	[illegible]2.2	48.9	53.3	57.8	61.1	61.1	64.4	67.8	67.8	67.8	68.9	68.9	70.0	70.0	70.0	70.0
≥ 9000	[illegible]2.2	48.9	53.3	57.8	61.1	61.1	64.4	67.8	67.8	67.8	68.9	68.9	70.0	70.0	70.0	70.0
≥ 8000	2[illegible].3	51.1	55.6	60.0	63.3	63.3	66.7	70.0	70.0	70.0	71.1	71.1	72.2	72.2	72.2	72.2
≥ 7000	2[illegible].[illegible]	52.2	56.7	61.1	64.4	64.4	67.8	71.1	71.1	71.1	72.2	72.2	73.3	73.3	73.3	73.3
≥ 6000	2[illegible].3	52.2	56.7	61.1	64.4	64.4	67.8	71.1	71.1	71.1	72.2	72.2	73.3	73.3	73.3	73.3
≥ 5000	2[illegible].3	52.2	56.7	61.1	64.4	64.4	67.8	71.1	71.1	71.1	72.2	72.2	73.3	73.3	73.3	73.3
≥ 4500	2[illegible].[illegible]	54.4	58.9	63.3	66.7	[illegible]6.7	70.0	73.3	73.3	73.3	74.4	74.4	75.6	75.6	75.6	75.6
≥ 4000	2[illegible].[illegible]	54.4	58.9	63.3	66.7	[illegible]6.7	70.0	73.3	73.3	73.3	74.4	74.4	75.6	75.6	75.6	75.6
≥ 3500	2[illegible].[illegible]	54.4	60.0	64.4	67.8	67.8	71.1	74.4	74.4	74.4	75.6	75.6	76.7	76.7	76.7	76.7
≥ 3000	2[illegible].[illegible]	54.4	60.0	64.4	67.8	67.8	72.2	75.6	75.6	75.6	76.7	76.7	77.8	77.8	77.8	77.8
≥ 2500	2[illegible].[illegible]	57.8	63.3	67.8	71.1	71.1	75.6	78.9	78.9	78.9	80.0	80.0	81.1	81.1	81.1	81.1
≥ 2000	2[illegible].[illegible]	61.1	66.7	71.1	74.4	74.4	78.9	82.2	82.2	82.2	83.3	83.3	84.4	84.4	84.4	84.4
≥ 1800	2[illegible].[illegible]	61.1	66.7	71.1	74.4	74.4	78.9	82.2	82.2	82.2	83.3	83.3	84.4	84.4	84.4	84.4
≥ 1500	2[illegible].[illegible]	61.1	66.7	71.1	74.4	74.4	78.9	82.2	82.2	82.2	83.3	83.3	84.4	84.4	84.4	84.4
≥ 1200	2[illegible].[illegible]	61.1	67.8	72.2	75.6	75.6	80.0	83.3	83.3	83.3	84.4	84.4	85.6	85.6	85.6	85.6
≥ 1000	2[illegible].[illegible]	61.1	68.9	73.3	76.7	76.7	81.1	84.4	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7
≥ 900	[illegible].[illegible]	61.1	68.9	73.3	76.7	76.7	81.1	84.4	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7
≥ 800	2[illegible].[illegible]	61.1	68.9	73.3	76.7	76.7	81.1	84.4	84.4	84.4	85.6	85.6	86.7	86.7	86.7	86.7
≥ 700	[illegible].[illegible]	61.1	70.0	75.6	78.9	78.9	83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	88.9	88.9
≥ 600	2[illegible].[illegible]	61.1	70.0	75.6	78.9	78.9	83.3	86.7	86.7	86.7	87.8	87.8	88.9	88.9	88.9	88.9
≥ 500	2[illegible].[illegible]	61.1	70.0	75.6	78.9	78.9	84.4	88.9	88.9	88.9	90.0	90.0	91.1	91.1	91.1	91.1
≥ 400	2[illegible].[illegible]	61.1	71.1	76.7	80.0	80.0	86.7	92.2	92.2	92.2	93.3	93.3	94.4	94.4	94.4	94.4
≥ 300	[illegible].[illegible]	61.1	71.1	77.8	81.1	81.1	87.8	93.3	93.3	93.3	94.4	94.4	95.6	95.6	95.6	95.6
≥ 200	2[illegible].[illegible]	61.1	71.1	77.8	81.1	81.1	87.8	93.3	93.3	93.3	94.4	94.4	95.6	95.6	95.6	95.6
≥ 100	2[illegible].[illegible]	61.1	71.1	77.8	81.1	81.1	87.8	93.3	93.3	93.3	94.4	94.4	95.6	96.7	97.8	97.8
0	2[illegible].[illegible]	61.1	71.1	77.8	81.1	81.1	87.8	93.3	93.3	93.3	94.4	94.4	95.6	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]9[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 (STATION) [illegible] (STATION NAME) 73-75 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

74 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1[illegible].8	32.2	34.4	3[illegible].6	37.8	37.8	47.2	47.8	47.8	48.9	50.0	50.0	51.1	51.1	51.1	51.1
≥ 20000	1[illegible].6	34.4	36.7	37.8	42.2	43.3	47.8	53.3	53.3	54.4	55.6	55.6	56.7	56.7	56.7	56.7
≥ 18000	1[illegible].6	34.4	36.7	37.8	42.2	43.3	47.8	53.3	53.3	54.4	55.6	55.6	56.7	56.7	56.7	56.7
≥ 16000	1[illegible].6	34.4	36.7	37.8	42.2	43.3	47.8	53.3	53.3	54.4	55.6	55.6	56.7	56.7	56.7	56.7
≥ 14000	1[illegible].6	34.4	36.7	37.8	42.2	43.3	47.8	53.3	53.3	54.4	55.6	55.6	56.7	56.7	56.7	56.7
≥ 12000	1[illegible].6	34.4	36.7	37.8	42.2	43.3	47.8	53.3	53.3	54.4	55.6	55.6	56.7	56.7	56.7	56.7
≥ 10000	1[illegible].7	40.[illegible]	42.2	44.4	48.9	50.0	54.4	60.0	60.0	61.1	62.2	62.2	63.3	63.3	63.3	63.3
≥ 9000	1[illegible].7	40.[illegible]	42.2	44.4	48.9	50.[illegible]	54.4	61.1	61.1	62.2	63.3	63.3	64.4	64.4	64.4	64.4
≥ 8000	1[illegible].9	43.3	46.7	48.9	53.3	54.4	58.9	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9
≥ 7000	1[illegible].9	43.3	46.7	48.9	53.3	54.4	58.9	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9
≥ 6000	1[illegible].9	43.3	46.7	48.9	53.3	54.4	58.9	65.6	65.6	66.7	67.8	67.8	68.9	68.9	68.9	68.9
≥ 5000	1[illegible].9	45.6	48.9	51.1	55.6	56.7	61.1	67.8	67.8	68.9	70.0	70.0	71.1	71.1	71.1	71.1
≥ 4500	1[illegible].1	46.7	50.0	52.2	56.7	57.8	62.2	68.9	68.9	70.0	71.1	71.1	72.2	72.2	72.2	72.2
≥ 4000	1[illegible].2	46.9	50.3	52.6	60.0	61.1	65.6	72.2	72.2	73.3	75.6	75.6	76.7	76.7	76.7	76.7
≥ 3500	1[illegible].2	46.9	50.4	52.7	61.1	62.2	66.7	73.3	73.3	74.4	76.7	76.7	77.8	77.8	77.8	77.8
≥ 3000	1[illegible].2	46.9	50.4	52.7	61.1	62.2	66.7	73.3	73.3	74.4	76.7	76.7	77.8	77.8	77.8	77.8
≥ 2500	2[illegible].2	50.0	53.6	57.8	62.2	63.4	68.9	75.6	75.6	76.7	78.9	78.9	80.0	80.0	80.0	80.0
≥ 2000	2[illegible].2	51.1	57.8	60.0	64.4	66.7	71.1	77.8	77.8	78.9	81.1	81.1	82.2	82.2	82.2	82.2
≥ 1800	2[illegible].2	51.1	57.8	60.0	64.4	66.7	71.1	77.8	77.8	78.9	81.1	81.1	82.2	82.2	82.2	82.2
≥ 1500	2[illegible].2	51.1	58.9	61.1	65.6	67.8	72.2	78.9	78.9	80.0	82.2	82.2	83.3	83.3	83.3	83.3
≥ 1200	2[illegible].2	52.2	60.0	62.2	66.7	68.9	73.3	80.0	80.0	81.1	83.3	83.3	84.4	84.4	84.4	84.4
≥ 1000	2[illegible].2	52.2	61.1	64.4	68.9	71.1	75.6	82.2	82.2	83.3	85.6	85.6	86.7	86.7	86.7	86.7
≥ 900	2[illegible].2	52.2	61.1	64.4	68.9	71.1	75.6	82.2	82.2	83.3	85.6	85.6	86.7	86.7	86.7	86.7
≥ 800	2[illegible].2	53.3	62.2	65.6	70.0	73.3	77.8	84.4	84.4	85.6	87.8	87.8	88.9	88.9	88.9	88.9
≥ 700	2[illegible].2	54.4	63.3	66.7	71.1	74.4	78.9	85.6	85.6	86.7	88.9	88.9	90.0	90.0	90.0	90.0
≥ 600	2[illegible].2	54.4	63.3	66.7	71.1	74.4	78.9	85.6	85.6	86.7	88.9	88.9	90.0	90.0	90.0	90.0
≥ 500	2[illegible].2	54.4	63.3	66.7	71.1	75.6	81.1	88.9	88.9	91.1	93.3	93.3	94.4	94.4	94.4	94.4
≥ 400	2[illegible].2	54.4	63.3	66.7	71.1	75.6	81.1	88.9	88.9	91.1	94.4	94.4	95.6	95.6	95.6	95.6
≥ 300	2[illegible].2	54.4	63.3	66.7	71.1	75.6	81.1	88.9	88.9	91.1	94.4	94.4	95.6	95.6	95.6	95.6
≥ 200	2[illegible].2	54.4	63.3	66.7	71.1	75.6	81.1	88.9	88.9	91.1	95.6	95.6	96.7	96.7	96.7	96.7
≥ 100	2.2	54.4	63.3	66.7	71.1	75.6	81.1	88.9	88.9	91.1	95.6	95.6	96.7	96.7	97.8	97.8
≥ 0	2[illegible].2	54.4	63.3	66.7	71.1	75.6	81.1	88.9	88.9	91.1	95.6	95.6	96.7	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 90

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

HOURS (LST) 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	11.7	26.7	28.3	31.7	33.7	34.0	36.0	38.7	38.7	39.7	40.7	41.7	42.7	42.7	43.3	49.7
≥ 20000	13.3	29.3	31.3	33.7	36.0	37.3	39.7	43.7	43.7	43.0	46.3	47.3	49.0	49.0	49.7	51.7
≥ 18000	12.7	29.7	31.7	34.0	36.3	37.7	40.0	44.0	44.0	45.3	46.7	47.7	49.3	49.3	50.0	52.0
≥ 16000	12.7	29.7	31.7	34.0	36.3	37.7	40.0	44.0	44.0	45.3	46.7	47.7	49.3	49.3	50.0	52.0
≥ 14000	12.7	29.7	31.7	34.0	36.3	37.7	40.0	44.0	44.0	45.3	46.7	47.7	49.3	49.3	50.0	52.0
≥ 12000	13.0	30.0	32.3	34.3	36.7	38.0	40.3	44.3	44.3	45.7	47.0	48.0	49.7	49.7	50.3	52.3
≥ 10000	14.3	32.3	35.0	37.7	40.3	41.7	44.3	48.3	48.7	50.3	51.7	52.7	54.3	54.3	55.0	57.0
≥ 9000	14.3	32.3	35.0	37.7	40.3	41.7	44.3	48.7	49.0	50.7	52.0	53.0	54.7	54.7	55.3	57.3
≥ 8000	14.7	34.0	37.3	40.0	43.3	44.7	48.0	52.3	52.7	54.7	56.0	57.0	58.7	58.7	59.3	61.3
≥ 7000	14.7	35.3	38.7	41.3	44.7	46.3	49.7	54.7	54.7	57.0	58.3	59.3	61.0	61.0	61.7	63.7
≥ 6000	14.7	35.7	38.7	41.3	44.7	46.3	49.7	54.3	54.7	57.0	58.3	59.3	61.0	61.0	61.7	63.7
≥ 5000	16.0	37.7	41.0	43.7	47.0	48.7	52.0	56.7	57.0	59.3	60.7	61.7	63.3	63.3	64.0	66.0
≥ 4500	16.0	39.0	42.3	45.0	49.3	51.0	54.3	59.0	59.3	62.0	63.3	64.3	66.0	66.0	66.7	69.7
≥ 4000	16.3	41.3	44.7	47.7	52.3	54.1	57.3	62.0	62.3	65.0	66.3	67.3	69.0	69.0	69.7	71.7
≥ 3500	16.7	41.7	45.3	48.7	53.3	55.0	58.7	63.3	63.7	66.3	67.7	68.7	70.3	70.3	71.0	73.0
≥ 3000	16.7	42.7	47.3	51.0	55.7	57.7	61.3	66.0	66.3	69.3	70.7	71.7	73.3	73.3	74.0	76.0
≥ 2500	17.0	44.0	48.7	52.7	57.7	59.7	63.3	68.0	68.3	71.3	72.7	73.7	75.3	75.3	76.0	78.0
≥ 2000	17.3	45.3	50.0	54.0	59.0	61.0	65.3	70.0	70.3	73.3	74.7	75.7	77.3	77.3	78.0	80.0
≥ 1800	17.3	45.3	50.0	54.0	59.0	61.0	65.3	70.0	70.3	73.3	74.7	75.7	77.3	77.3	78.0	80.0
≥ 1500	17.7	46.3	52.0	56.3	61.3	63.7	68.3	73.0	73.3	76.7	78.0	79.0	80.7	80.7	81.3	83.3
≥ 1200	17.7	46.7	52.3	57.0	62.0	64.7	69.3	74.0	74.3	77.7	79.0	80.0	81.7	81.7	82.3	84.3
≥ 1000	17.7	46.7	52.3	57.0	62.0	64.7	69.7	74.3	74.7	78.3	79.7	80.7	82.3	82.3	83.0	85.0
≥ 900	17.7	46.7	52.3	57.0	62.0	64.7	69.7	74.7	75.0	78.7	80.0	81.0	82.7	82.7	83.3	85.3
≥ 800	17.7	47.0	52.7	57.7	62.7	65.3	70.7	75.7	76.0	79.7	81.0	82.0	83.7	83.7	84.3	86.3
≥ 700	17.7	47.0	52.7	57.7	62.7	65.3	71.0	76.0	76.3	80.3	81.7	82.7	84.3	84.3	85.0	87.0
≥ 600	17.7	47.0	52.7	57.7	63.0	66.0	72.7	78.0	78.3	82.3	83.7	84.7	86.3	86.3	87.0	89.0
≥ 500	17.7	47.0	53.7	58.7	64.7	67.7	74.7	80.3	80.7	84.7	86.0	87.0	89.0	89.0	89.7	92.3
≥ 400	17.7	47.0	53.7	58.7	65.0	69.0	76.0	82.3	82.7	87.0	88.0	90.0	92.3	92.3	93.0	96.0
≥ 300	17.7	47.0	53.7	58.7	65.0	69.0	76.0	82.7	83.0	87.3	89.7	91.0	93.7	93.7	94.3	97.3
≥ 200	17.7	47.0	53.7	58.7	65.0	69.0	76.0	82.7	83.0	87.3	89.7	91.0	94.0	94.3	94.7	97.7
≥ 100	17.7	47.0	53.7	58.7	65.0	69.0	76.0	82.7	83.0	87.3	89.7	91.0	94.7	94.7	95.3	98.7
≥ 0	17.7	47.0	53.7	58.7	65.0	69.0	76.0	82.7	83.0	87.3	89.7	91.0	94.7	94.7	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 [illegible] | LAKEHURST, NJ | 73-92 | SEP

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.7	39.0	42.7	44.0	44.7	46.0	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 20000	39.7	43.3	47.3	48.7	49.3	51.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	39.7	43.3	47.3	48.7	49.3	51.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 16000	39.7	43.3	47.3	48.7	49.3	51.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 14000	39.7	43.3	47.3	48.7	49.3	51.0	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	40.0	44.3	48.3	49.7	50.3	52.0	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 10000	40.7	47.0	51.7	53.0	53.7	55.3	56.0	56.3	56.7	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	41.0	47.3	52.0	53.3	54.0	55.7	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 8000	42.3	51.3	56.3	58.3	59.3	61.3	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 7000	43.3	53.7	58.7	61.0	62.0	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 6000	43.3	53.7	58.7	61.0	62.0	64.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	43.3	54.3	59.3	61.7	62.7	65.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 4500	44.0	56.0	61.3	63.7	64.7	67.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 4000	44.0	57.0	62.7	65.0	66.0	68.7	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 3500	44.7	59.3	65.3	67.7	68.7	71.7	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	46.3	62.7	69.0	71.3	72.7	75.7	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	47.0	65.0	71.7	74.0	75.3	78.3	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 2000	47.0	65.3	72.0	74.7	76.0	79.0	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 1800	47.3	66.7	73.3	76.0	77.3	80.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1500	47.7	69.3	76.0	79.0	80.7	84.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	48.0	69.7	76.7	80.0	81.7	85.3	87.0	87.3	87.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	48.0	70.3	79.0	82.7	84.7	88.3	90.7	91.0	91.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	48.0	71.3	80.0	84.0	86.0	89.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	48.0	71.7	80.3	84.3	86.7	90.3	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	48.0	73.0	81.7	86.3	89.0	92.7	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	48.0	73.3	82.0	87.0	90.0	93.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	48.0	73.3	82.0	87.0	90.0	94.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	48.0	73.3	82.0	87.0	90.0	94.0	97.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	48.0	73.3	82.0	87.0	90.3	94.3	97.3	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	48.0	73.3	82.0	87.0	90.3	94.3	97.3	98.7	98.7	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	48.0	73.3	82.0	87.0	90.3	94.3	97.3	98.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	48.0	73.3	82.0	87.0	90.3	94.3	97.3	98.7	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 330

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

167 [illegible]	LAKEHURST, NJ	73-82	SEP
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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	23.7	37.7	39.0	40.0	41.3	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	25.7	42.7	44.3	45.7	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	25.7	42.7	44.3	45.7	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	25.7	42.7	44.3	45.7	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	26.0	43.3	45.0	46.3	48.0	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	26.3	44.3	46.0	47.3	49.0	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	27.0	46.0	48.0	49.7	51.3	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	27.0	46.0	48.0	49.7	51.3	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	28.0	49.3	51.3	53.0	54.7	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 7000	29.7	51.7	53.7	54.7	56.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	29.7	50.7	53.0	54.7	56.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 5000	29.7	50.7	53.0	54.7	56.3	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 4500	29.7	52.7	54.3	56.0	58.0	58.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 4000	30.3	56.0	58.7	60.3	62.3	62.7	63.3	63.3	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7
≥ 3500	31.7	60.7	64.3	66.3	68.7	69.0	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3000	34.7	67.3	71.7	74.0	76.7	77.0	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	37.3	73.3	77.0	80.3	83.0	83.7	84.7	85.0	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	37.3	74.3	79.0	81.3	84.0	84.7	85.7	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	37.3	74.7	79.7	81.7	84.3	85.0	86.0	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1500	37.7	77.0	82.0	85.3	88.7	89.3	90.7	91.3	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	38.0	79.3	84.3	87.7	91.0	91.7	93.3	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	38.3	80.0	85.3	88.7	92.0	93.0	94.7	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	38.3	80.3	86.0	89.3	92.7	93.7	95.3	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	38.3	80.7	86.3	89.7	93.0	94.3	96.0	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	38.3	80.7	86.3	89.7	93.0	94.3	96.3	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	38.3	80.7	86.3	89.7	93.0	94.3	96.7	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	38.3	80.7	86.3	89.7	93.0	94.3	97.0	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	38.3	80.7	86.3	89.7	93.0	94.3	97.0	98.0	98.0	98.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	38.3	80.7	86.3	89.7	93.3	94.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.3	80.7	86.3	89.7	93.3	94.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.3	80.7	86.3	89.7	93.3	94.7	97.7	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	38.3	80.7	86.3	89.7	93.3	94.7	97.7	99.0	99.0	99.7	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

STATION	STATION NAME	YEARS	MONTH
187	LAKEHURST, NJ	73-82	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T): 16

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	33.3	41.3	42.3	43.7	45.3	45.3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 20000	37.7	49.0	50.3	51.7	53.7	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	37.7	49.0	50.3	51.7	53.7	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	37.7	49.0	50.3	51.7	53.7	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 14000	37.7	49.0	50.3	51.7	53.7	53.7	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 12000	39.0	49.3	50.7	52.0	54.0	54.0	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 10000	39.3	52.7	54.7	56.3	58.3	58.3	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 9000	39.3	53.3	55.3	57.0	59.0	59.0	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 8000	31.3	58.3	60.7	62.7	64.7	64.7	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	31.7	59.3	61.7	63.7	66.0	66.0	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	31.7	59.3	61.7	63.7	66.0	66.0	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 5000	31.7	60.7	63.7	65.7	68.0	68.0	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	31.7	62.3	65.3	67.3	69.7	69.7	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	33.0	66.0	69.0	71.0	73.7	73.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3500	34.7	68.7	71.7	74.7	77.3	77.3	78.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	35.7	73.0	76.3	79.7	83.0	83.0	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	36.0	74.3	78.0	81.3	84.7	84.7	86.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2000	37.3	76.3	80.0	83.3	86.7	86.7	88.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	37.3	76.7	80.3	83.7	87.0	87.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	37.3	78.3	82.0	86.0	89.7	90.0	92.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	37.7	78.7	82.3	86.3	90.0	90.3	92.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	37.7	79.0	82.7	86.7	90.3	90.7	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	37.7	79.0	82.7	86.7	90.3	90.7	93.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 800	37.3	79.7	83.7	87.7	91.3	91.7	94.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	37.3	80.3	84.3	88.3	92.0	92.7	95.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	37.3	80.3	84.3	88.7	92.3	93.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	37.3	80.3	84.7	89.0	92.7	93.7	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	37.3	80.3	85.0	89.3	93.3	94.7	97.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	37.3	80.3	85.0	89.3	93.3	94.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	37.3	80.3	85.0	89.3	93.3	94.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	37.3	80.3	85.0	89.3	93.3	94.7	97.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	37.3	80.3	85.0	89.3	93.3	94.7	97.7	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

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	73-82	SEP

HOURS (L S T): 19

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	25.7	45.3	46.0	47.7	48.7	49.0	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	26.3	50.0	51.0	53.0	54.7	55.3	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	26.3	50.0	51.0	53.0	54.7	55.3	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	26.3	50.0	51.3	53.0	54.7	55.3	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	26.3	50.3	51.3	53.3	55.0	55.7	57.7	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	26.3	51.7	52.7	54.7	56.3	57.3	59.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	27.7	53.3	55.0	57.7	59.7	60.7	62.7	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	27.7	53.3	55.7	58.3	60.3	61.3	63.3	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	28.0	56.0	60.7	64.0	66.0	67.3	69.3	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	28.7	56.0	60.7	64.0	66.0	67.3	69.3	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	28.3	59.0	65.7	69.0	66.0	67.3	69.3	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 5000	28.3	59.3	62.0	65.7	67.7	69.0	71.0	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 4500	29.7	60.3	63.7	67.0	69.0	70.3	72.3	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	29.3	62.7	66.3	70.3	73.0	74.3	76.3	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	29.7	64.0	67.7	71.7	74.3	76.3	78.3	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000	30.3	67.0	70.7	75.0	78.0	80.0	82.3	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	31.0	68.7	72.7	77.3	80.3	82.3	84.7	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2000	31.0	69.0	73.0	77.7	81.0	83.0	85.3	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	31.7	69.0	73.0	77.7	81.0	83.0	85.3	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	31.7	70.3	74.3	79.3	83.0	85.0	87.3	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	31.3	70.3	74.3	79.3	83.3	85.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	31.7	71.3	75.7	80.7	84.3	86.3	89.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 900	31.0	71.3	75.7	81.0	85.0	87.0	89.7	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	31.3	72.0	76.3	81.7	85.7	88.3	91.3	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	31.7	72.0	76.7	82.0	86.3	89.0	92.0	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	31.7	72.0	76.7	82.0	86.7	89.3	92.3	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	31.3	72.7	77.7	83.0	88.0	90.7	93.7	97.0	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	31.3	73.7	78.0	83.3	88.3	91.0	94.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	31.3	73.7	78.0	83.3	88.3	91.0	94.3	98.0	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	31.3	73.7	78.0	83.3	88.3	91.0	94.7	98.7	98.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7
≥ 100	31.3	73.0	78.0	83.3	88.3	91.3	94.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	31.3	73.0	78.0	83.3	88.3	91.3	94.7	98.7	98.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
147	[illegible]RST, NC	7[illegible]-8[illegible]	SEP

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	47.7	48.7	50.3	51.0	52.3	52.7	52.7	52.7	52.7	52.7	52.7	53.7	53.7	[illegible]
≥ 20000	24.7	49.[illegible]	54.3	56.7	58.7	59.3	61.0	61.3	61.3	61.3	61.3	61.3	61.3	62.3	62.3	62.7
≥ 18000	24.7	49.0	54.3	56.7	58.7	59.3	61.0	61.3	61.3	61.3	61.3	61.3	61.3	62.3	62.3	62.7
≥ 16000	24.7	49.[illegible]	54.3	56.7	58.7	59.3	61.0	61.3	61.3	61.3	61.3	61.3	61.3	62.3	62.3	62.7
≥ 14000	24.7	49.0	54.3	56.7	58.7	59.3	61.0	61.3	61.3	61.3	61.3	61.3	61.3	62.3	62.3	62.7
≥ 12000	25.0	50.0	55.3	57.7	59.7	60.3	62.0	62.3	62.3	62.3	62.3	62.3	62.3	63.3	63.3	63.7
≥ 10000	[illegible]	52.7	58.0	61.3	63.3	64.0	65.7	66.0	66.0	66.3	66.7	66.3	66.7	67.0	67.0	67.3
≥ 9000	[illegible]	53.3	58.7	62.0	64.0	64.7	66.3	66.7	66.7	66.7	66.7	66.7	66.7	67.7	67.7	68.[illegible]
≥ 8000	[illegible]	56.7	62.3	65.7	68.0	69.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	72.3	72.3	72.7
≥ 7000	[illegible]	56.7	62.3	65.7	68.3	69.3	71.0	71.3	71.3	71.3	71.3	71.3	71.3	72.3	72.3	72.7
≥ 6000	[illegible]	56.7	62.3	65.7	68.0	69.0	71.[illegible]	71.3	71.3	71.3	71.3	71.3	71.3	72.3	72.3	72.7
≥ 5000	[illegible]	56.7	63.7	67.3	69.7	70.7	72.7	73.[illegible]	73.[illegible]	73.[illegible]	73.0	73.0	73.0	74.0	74.0	74.3
≥ 4500	[illegible]	59.3	65.[illegible]	69.3	71.3	72.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	75.7	75.7	76.[illegible]
≥ 4000	[illegible]	61.3	67.7	72.0	74.3	75.3	77.3	78.[illegible]	78.0	78.0	78.0	78.0	78.0	79.0	79.0	79.3
≥ 3500	[illegible]	62.0	68.3	73.3	75.7	76.7	78.7	79.3	79.3	79.3	79.3	79.3	79.3	80.3	80.3	[illegible]
≥ 3000	[illegible]	62.7	70.0	75.7	78.3	79.7	81.7	82.7	82.7	82.7	82.7	82.7	83.7	83.7	83.7	84.[illegible]
≥ 2500	[illegible]	64.[illegible]	71.3	77.0	79.7	81.0	83.0	84.3	84.3	84.3	84.3	84.3	85.3	85.3	85.3	85.7
≥ 2000	[illegible]	66.3	73.7	79.3	82.0	83.3	85.3	86.7	86.7	86.7	86.7	86.7	87.7	87.7	87.7	88.[illegible]
≥ 1800	[illegible]	66.3	73.7	79.3	82.7	83.3	85.3	86.7	86.7	86.7	86.7	86.7	87.7	87.7	87.7	88.0
≥ 1500	[illegible]	66.7	74.7	80.3	83.3	84.7	86.7	88.0	88.0	88.0	88.0	88.0	89.0	89.0	89.0	89.3
≥ 1200	[illegible]	67.[illegible]	75.0	80.7	83.7	85.0	87.0	88.3	88.3	88.3	88.3	88.3	89.3	89.3	89.3	89.7
≥ 1000	[illegible]	67.3	76.0	82.3	85.3	86.7	88.7	90.3	90.3	90.3	90.3	90.3	91.3	91.3	91.3	91.7
≥ 900	[illegible]	67.3	76.3	82.7	86.0	87.3	89.3	91.0	91.0	91.0	91.0	91.0	92.0	92.0	92.0	92.3
≥ 800	[illegible]	67.3	76.7	83.0	86.7	88.7	90.7	92.3	92.3	92.3	92.3	92.3	93.3	93.3	93.3	93.7
≥ 700	[illegible]	67.3	76.7	83.0	87.0	89.0	91.3	92.7	92.7	92.7	92.7	92.7	93.7	93.7	93.7	94.[illegible]
≥ 600	[illegible]	67.3	76.7	83.0	87.0	89.0	91.7	93.3	93.3	93.3	93.3	93.3	94.3	94.3	94.3	94.7
≥ 500	[illegible]	67.3	76.7	83.0	87.3	89.7	92.7	94.7	94.7	94.7	94.7	94.7	95.7	95.7	95.7	96.[illegible]
≥ 400	[illegible]	67.7	77.0	83.7	88.0	90.3	94.0	96.3	96.3	96.7	96.7	96.7	97.7	97.7	97.7	98.[illegible]
≥ 300	[illegible]	67.7	77.0	83.7	88.3	90.3	94.3	97.0	97.0	97.3	97.3	97.3	98.3	98.3	98.3	98.7
≥ 200	[illegible]	67.7	77.0	83.7	88.3	90.3	94.3	97.0	97.0	97.3	97.3	97.3	99.0	99.0	99.0	99.3
≥ 100	[illegible]	67.7	77.[illegible]	83.7	88.0	90.3	94.3	97.0	97.0	97.7	97.7	97.7	99.3	99.3	99.3	99.7
≥ 0	[illegible]	67.7	77.0	83.7	88.0	90.3	94.3	97.0	97.0	97.7	97.7	97.7	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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

1-7 (STATION) LAWRENCE, KS (STATION NAME) 73-75 (YEARS) OCT (MONTH)

(HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	53.4	53.4	54.2	54.8	54.8	55.9	58.1	61.3	61.3	62.4	63.4	63.4	63.4	63.4	65.6	66.7
≥ 20000	53.4	53.4	54.2	54.8	54.8	55.9	58.1	61.3	61.3	62.4	63.4	63.4	63.4	63.4	65.6	66.7
≥ 18000	53.4	53.4	54.8	54.8	54.8	55.9	58.1	61.3	61.3	62.4	63.4	63.4	63.4	63.4	65.6	66.7
≥ 16000	53.4	53.4	54.8	54.8	54.8	55.9	58.1	61.3	61.3	62.4	63.4	63.4	63.4	63.4	65.6	66.7
≥ 14000	53.4	53.4	54.8	54.8	54.8	55.9	58.1	61.3	61.3	62.4	63.4	63.4	63.4	63.4	65.6	66.7
≥ 12000	56.1	56.1	57.0	57.0	57.3	58.1	60.2	63.4	63.4	64.5	65.6	65.6	65.6	65.6	67.7	68.8
≥ 10000	61.3	61.3	62.4	62.4	63.4	64.5	66.7	69.9	69.9	71.0	72.0	72.0	72.0	72.0	74.2	75.3
≥ 9000	61.3	61.3	62.4	62.4	63.4	64.5	66.7	69.9	69.9	71.0	72.0	72.0	72.0	72.0	74.2	75.3
≥ 8000	63.4	63.4	65.6	65.6	67.7	68.9	72.0	75.3	75.3	76.3	77.4	77.4	77.4	77.4	79.6	80.7
≥ 7000	63.4	64.5	66.7	66.7	68.8	71.0	73.1	76.3	76.3	77.4	78.5	78.5	78.5	78.5	80.7	81.7
≥ 6000	63.4	64.5	66.7	66.7	68.8	71.0	73.1	76.3	76.3	78.5	79.6	79.6	79.6	79.6	81.7	82.8
≥ 5000	63.4	64.5	66.7	66.7	68.8	71.0	73.1	76.3	76.3	78.5	79.6	79.6	79.6	79.6	81.7	82.8
≥ 4500	63.4	64.5	66.7	66.7	68.8	71.0	73.1	76.3	76.3	78.5	79.6	79.6	79.6	79.6	81.7	82.8
≥ 4000	63.4	64.5	66.7	66.7	68.8	71.0	73.1	76.3	76.3	78.5	79.6	79.6	79.6	79.6	81.7	82.8
≥ 3500	63.4	66.7	68.9	68.9	71.1	73.3	75.4	78.7	78.7	80.8	81.9	81.9	81.9	81.9	84.0	85.1
≥ 3000	63.4	66.7	68.9	68.9	71.1	73.3	75.4	78.7	78.7	80.8	81.9	81.9	81.9	81.9	84.0	85.1
≥ 2500	63.4	67.8	70.0	70.0	72.2	74.4	76.6	79.8	79.8	81.9	83.0	83.0	83.0	83.0	85.2	86.3
≥ 2000	63.4	67.8	70.0	70.0	72.2	74.4	76.6	79.8	79.8	81.9	83.0	83.0	83.0	83.0	85.2	86.3
≥ 1800	63.4	67.8	70.0	70.0	72.2	74.4	76.6	79.8	79.8	81.9	83.0	83.0	83.0	83.0	85.2	86.3
≥ 1500	63.4	71.0	73.2	73.2	75.3	77.5	79.7	83.0	83.0	85.1	86.2	86.2	86.2	86.2	88.4	89.5
≥ 1200	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 1000	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 900	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 800	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 700	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 600	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 500	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 400	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 300	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 200	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 100	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6
≥ 0	63.4	72.0	74.2	74.2	76.3	78.5	80.7	84.0	84.0	86.2	87.3	87.3	87.3	87.3	89.5	90.6

TOTAL NUMBER OF OBSERVATIONS 93

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	73-75	OCT

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	49.9	[illegible]	53.8	55.9	[illegible]	56.7	57.0	57.0	61.3	61.3	61.3	62.4	62.4	63.4	64.5
≥ 20000	[illegible]	51.9	52.7	57.0	59.1	59.1	59.1	60.2	60.2	64.5	64.5	64.5	65.6	65.6	66.7	67.7
≥ 18000	[illegible]	51.9	52.7	57.0	59.1	59.1	59.1	60.2	60.2	64.5	64.5	64.5	65.6	65.6	66.7	67.7
≥ 16000	[illegible]	51.9	52.7	57.0	59.1	59.1	59.1	60.2	60.2	64.5	64.5	64.5	65.6	65.6	66.7	67.7
≥ 14000	[illegible]	51.9	52.7	57.0	59.1	59.1	59.1	60.2	60.2	64.5	64.5	64.5	65.6	65.6	66.7	67.7
≥ 12000	[illegible]	52.7	54.9	59.1	61.3	61.3	61.3	62.4	62.4	66.7	66.7	66.7	67.7	67.7	68.8	69.9
≥ 10000	[illegible]	55.0	56.1	62.4	64.5	64.5	64.5	65.6	65.6	69.9	69.9	69.9	71.0	71.0	72.1	73.1
≥ 9000	[illegible]	57.0	59.1	63.4	65.6	65.6	65.6	66.7	66.7	71.0	71.0	71.0	72.0	72.0	73.1	74.2
≥ 8000	[illegible]	61.3	63.4	67.7	69.9	69.9	69.9	71.0	71.0	75.3	75.3	75.3	76.3	76.3	77.4	78.5
≥ 7000	[illegible]	61.3	63.4	67.7	69.9	69.9	69.9	71.0	71.0	75.3	75.3	75.3	76.3	76.3	77.4	78.5
≥ 6000	[illegible]	61.3	64.5	68.8	71.0	71.0	71.0	72.0	72.0	76.3	76.3	76.3	77.4	77.4	78.5	79.6
≥ 5000	[illegible]	61.3	64.5	68.8	71.0	71.0	71.0	72.0	72.0	76.3	76.3	76.3	77.4	77.4	78.5	79.6
≥ 4500	[illegible]	61.3	64.5	68.8	71.0	71.0	71.0	72.0	72.0	76.3	76.3	76.3	77.4	77.4	78.5	79.6
≥ 4000	[illegible]	62.4	65.6	71.0	73.1	73.1	73.1	74.2	74.2	78.5	78.5	78.5	79.6	79.6	80.7	81.7
≥ 3500	[illegible]	62.4	65.6	71.0	73.1	73.1	74.2	75.3	75.3	79.6	79.6	79.6	80.7	80.7	81.7	82.8
≥ 3000	[illegible]	62.4	65.6	71.0	73.1	73.1	74.2	75.3	75.3	79.6	79.6	79.6	80.7	80.7	81.7	82.8
≥ 2500	[illegible]	64.5	67.7	73.1	75.3	75.3	76.3	77.4	77.4	81.7	81.7	81.7	82.8	82.8	83.9	85.0
≥ 2000	[illegible]	67.7	71.0	76.3	78.5	78.5	79.6	80.7	80.7	85.0	85.0	85.0	86.0	86.0	87.1	88.2
≥ 1800	[illegible]	67.7	71.0	76.3	78.5	78.5	79.6	80.7	80.7	85.0	85.0	85.0	86.0	86.0	87.1	88.2
≥ 1500	[illegible]	67.7	72.0	77.4	79.6	79.6	80.7	81.7	81.7	86.0	86.0	86.0	87.1	87.1	88.2	89.3
≥ 1200	[illegible]	67.7	73.1	78.5	80.7	80.7	81.7	82.8	82.8	87.1	87.1	87.1	88.2	88.2	89.3	90.3
≥ 1000	[illegible]	67.7	73.1	78.5	80.7	80.7	81.7	82.8	82.8	87.1	87.1	87.1	88.2	88.2	89.3	90.3
≥ 900	[illegible]	67.7	73.1	78.5	80.7	80.7	81.7	82.8	82.8	87.1	87.1	87.1	88.2	88.2	89.3	90.3
≥ 800	[illegible]	67.7	73.1	78.5	81.7	81.7	82.8	83.9	83.9	88.2	88.2	88.2	89.3	89.3	90.3	91.4
≥ 700	[illegible]	67.7	73.1	78.5	81.7	81.7	82.8	83.9	83.9	88.2	88.2	88.2	89.3	89.3	90.3	91.4
≥ 600	[illegible]	67.7	73.1	78.5	81.7	82.8	83.9	85.0	85.0	89.3	89.3	89.3	90.3	90.3	91.4	92.5
≥ 500	[illegible]	67.7	73.1	78.5	82.8	83.9	86.0	87.1	87.1	91.4	91.4	91.4	92.5	92.5	93.6	94.6
≥ 400	[illegible]	67.7	73.1	78.5	82.8	83.9	86.0	87.1	87.1	91.4	91.4	91.4	92.5	92.5	93.6	94.6
≥ 300	[illegible]	67.7	73.1	78.5	83.9	85.0	87.1	88.2	88.2	92.5	92.5	92.5	93.6	93.6	94.6	95.7
≥ 200	[illegible]	67.7	73.1	78.5	83.9	85.0	87.1	88.2	88.2	92.5	93.6	93.6	94.6	94.6	96.8	97.9
≥ 100	[illegible]	67.7	73.1	78.5	83.9	85.0	87.1	88.2	88.2	92.5	93.6	93.6	94.6	94.6	96.3	98.9
0	[illegible]	67.7	73.1	78.5	83.9	85.0	87.1	88.2	88.2	92.5	93.6	93.6	94.6	94.6	96.8	100.0

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) 17

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.1	33.1	37.1	39.1	42.4	43.5	44.6	47.9	47.9	49.9	49.2	49.2	49.5	49.9	50.5	51.7
≥ 20000	11.4	36.3	41.1	42.4	43.7	46.1	49.3	51.1	51.1	52.4	52.3	52.6	53.1	53.4	54.4	55.4
≥ 18000	11.4	36.5	41.1	42.4	43.7	46.6	49.8	51.1	51.1	52.4	52.3	52.8	53.1	53.4	54.4	55.4
≥ 16000	11.4	36.5	41.1	42.4	43.7	46.6	49.8	51.1	51.1	52.4	52.3	52.8	53.1	53.4	54.4	55.4
≥ 14000	11.4	36.5	41.1	42.4	43.7	46.6	49.8	51.1	51.1	52.4	52.3	52.8	53.1	53.4	54.4	55.4
≥ 12000	11.4	36.5	41.4	42.7	44.1	46.9	50.2	51.5	51.5	52.8	53.1	53.1	53.4	53.7	54.7	55.7
≥ 10000	12.1	41.0	45.9	47.2	49.2	52.1	55.7	57.3	57.3	58.6	58.9	59.2	59.6	60.6	61.6	62.6
≥ 9000	12.4	41.4	46.3	47.6	49.5	52.4	56.0	57.7	57.7	59.0	59.3	59.3	59.6	59.9	60.9	61.9
≥ 8000	14.0	44.9	50.2	52.1	54.1	57.0	61.2	62.9	62.9	64.5	65.2	65.2	65.8	66.1	67.4	68.7
≥ 7000	14.3	47.2	52.8	54.7	56.7	59.6	63.9	65.5	65.5	67.1	67.8	67.8	68.4	68.7	70.0	71.3
≥ 6000	14.3	47.2	52.8	54.7	56.7	59.6	63.8	65.5	65.5	67.1	67.8	67.8	68.4	68.7	70.0	71.3
≥ 5000	14.3	47.3	53.4	55.4	57.3	60.6	64.3	66.5	66.5	68.7	69.4	69.4	70.0	70.4	71.7	73.0
≥ 4500	15.1	49.3	55.4	57.3	59.6	63.2	67.4	69.1	69.1	71.3	72.0	72.0	72.6	73.0	74.3	75.6
≥ 4000	15.8	51.9	58.1	59.9	62.2	65.8	71.4	72.0	72.0	74.3	74.9	74.9	75.6	75.9	77.2	78.5
≥ 3500	15.8	53.1	59.3	62.2	64.4	68.4	73.8	74.6	74.6	76.9	77.5	77.5	78.2	78.5	79.8	81.1
≥ 3000	16.2	54.4	61.6	63.5	66.1	69.7	74.6	76.2	76.2	78.8	79.5	79.5	80.1	80.5	81.8	83.1
≥ 2500	17.2	55.1	62.7	64.2	67.1	70.7	75.6	77.2	77.5	79.8	80.5	80.5	81.1	81.4	82.7	84.0
≥ 2000	17.2	55.7	63.2	65.2	68.4	72.0	76.9	78.5	78.8	81.1	81.8	81.8	82.4	82.7	84.0	85.3
≥ 1800	17.2	55.7	63.2	65.2	68.4	72.0	76.9	78.5	78.8	81.1	81.8	81.8	82.4	82.7	84.0	85.3
≥ 1500	17.2	55.7	63.2	65.2	68.4	72.0	77.2	78.8	79.2	81.8	82.4	82.4	83.1	83.4	84.7	86.0
≥ 1200	17.5	56.7	64.2	66.2	69.4	73.2	77.9	79.5	79.8	82.4	83.1	83.1	83.7	84.0	85.3	86.6
≥ 1000	17.8	56.8	64.2	66.1	69.4	73.1	78.8	80.5	80.8	83.4	84.0	84.0	84.7	85.0	86.3	87.6
≥ 900	17.9	56.8	64.2	66.1	69.7	73.3	79.5	81.1	81.4	84.0	84.7	84.7	85.3	85.7	87.0	88.3
≥ 800	17.9	57.0	65.2	67.1	71.0	74.5	80.6	82.7	83.1	85.7	86.3	86.3	87.0	87.3	88.6	89.9
≥ 700	17.9	57.0	65.2	67.1	71.0	74.6	81.1	83.1	83.4	86.0	86.6	86.6	87.3	87.6	88.9	90.2
≥ 600	17.9	57.2	65.5	67.8	71.7	75.6	82.7	84.7	85.0	87.6	88.3	88.3	89.0	89.3	90.6	91.9
≥ 500	17.9	57.2	65.5	67.8	71.7	75.6	83.1	85.3	85.7	88.3	89.0	89.3	89.9	90.2	91.5	92.8
≥ 400	17.9	57.2	65.5	67.8	72.0	76.2	84.0	86.6	87.0	89.6	90.6	90.6	91.5	91.9	93.2	94.5
≥ 300	17.9	57.3	65.5	67.8	72.0	76.6	84.4	87.3	87.6	90.5	91.5	91.5	92.5	92.3	94.1	95.8
≥ 200	17.9	57.3	65.5	67.8	72.0	76.6	84.4	87.3	87.6	90.9	92.2	92.2	93.5	93.8	95.1	97.1
≥ 100	17.9	57.3	65.5	67.8	72.0	76.6	84.4	87.3	87.6	90.9	92.2	92.2	93.5	93.8	96.1	98.4
0	17.9	57.3	65.5	67.8	72.0	76.6	84.4	87.3	87.6	90.9	92.2	92.2	93.5	94.5	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 307

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 (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 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
[illegible]	[illegible]	[illegible]	OCT

HOURS (LST): 1F

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	57.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 18000	[illegible]	56.9	57.1	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	[illegible]	57.1	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	[illegible]
≥ 14000	[illegible]	57.1	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	[illegible]
≥ 12000	[illegible]	[illegible]	57.1	57.4	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	[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
1-7	LAKEHURST, NJ	77-82	OCT

HOURS (L S T) 19

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.1	52.9	53.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	58.4	59.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	58.4	59.2	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	58.4	59.2	62.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 14000	58.4	59.2	62.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 12000	58.7	59.7	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	58.7	62.1	64.9	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	58.3	62.9	64.5	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	58.7	68.4	70.9	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	58.7	69.1	72.7	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	53.6	70.0	71.5	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	54.2	71.3	73.9	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	54.4	72.9	74.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4000	56.0	77.1	78.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3500	56.1	79.4	81.3	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
≥ 3000	56.4	80.7	82.9	85.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	57.4	82.3	84.8	88.1	89.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	57.4	83.9	86.5	90.7	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	57.4	83.6	86.1	89.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	57.7	84.2	87.4	91.7	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	58.7	85.2	87.7	91.0	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1000	58.7	85.2	87.7	91.3	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	58.7	85.2	87.7	91.3	92.6	92.9	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	58.7	85.2	87.7	91.3	92.6	92.9	93.2	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	58.7	85.3	88.4	92.3	93.6	94.2	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	58.7	85.8	88.4	92.6	94.5	95.5	95.8	96.1	96.1	96.5	96.8	96.8	96.8	96.8	96.9	96.9
≥ 500	58.7	85.8	88.4	92.6	95.2	96.1	96.8	97.4	97.4	98.1	99.1	98.1	98.1	98.1	98.1	98.1
≥ 400	58.7	85.8	88.4	92.6	95.2	96.1	96.8	97.4	97.4	98.1	99.1	98.1	98.1	98.1	98.1	98.1
≥ 300	58.7	85.8	89.4	93.2	95.9	96.8	97.4	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	58.7	85.8	89.4	93.2	96.1	97.1	97.7	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	58.7	85.8	89.4	93.2	96.1	97.1	97.7	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	58.7	85.8	89.4	93.2	96.1	97.1	97.7	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 [illegible] | LAKEHURST, NJ | 73-[illegible] | OCT

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	51.8	53.2	55.[illegible]	55.5	56.1	56.1	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.[illegible]
≥ 20000	57.4	58.4	59.4	61.0	62.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.5
≥ 18000	57.4	58.4	59.4	61.0	62.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.5
≥ 16000	57.4	58.4	59.4	61.0	62.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.5
≥ 14000	57.4	58.4	59.4	61.0	62.9	63.2	63.9	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.5
≥ 12000	59.0	60.7	61.6	63.2	65.2	65.5	66.1	66.1	66.1	66.1	66.1	66.1	66.5	66.5	66.5	66.8
≥ 10000	61.[illegible]	63.2	64.2	66.1	68.1	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.4	69.4	69.7	70.0
≥ 9000	61.[illegible]	63.6	64.5	66.5	68.4	68.7	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	70.0	70.3
≥ 8000	63.[illegible]	68.4	69.4	71.3	73.2	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.5	74.5	74.8	75.2
≥ 7000	63.[illegible]	68.7	69.7	71.6	73.6	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.8	74.8	75.2	75.5
≥ 6000	63.9	69.[illegible]	70.0	71.9	73.9	74.2	74.8	74.8	74.8	74.8	74.8	74.8	75.2	75.2	75.5	75.8
≥ 5000	63.9	69.7	71.[illegible]	72.6	74.9	75.2	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.5	76.8
≥ 4500	64.[illegible]	71.9	72.9	74.8	77.1	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.4	78.4	78.7	79.0
≥ 4000	74.5	75.2	76.5	78.4	80.7	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.9	81.9	82.3	82.6
≥ 3500	77.4	77.4	78.7	80.7	82.9	83.2	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.5	85.2
≥ 3000	78.1	76.4	79.7	81.6	84.2	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.8	86.5
≥ 2500	80.1	81.0	82.3	84.2	87.1	87.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.7	89.0	89.7
≥ 2000	84.1	81.3	82.9	84.8	87.7	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4	89.7	90.3
≥ 1800	84.1	81.9	82.9	84.8	87.7	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.4	89.7	90.3
≥ 1500	84.4	81.6	83.6	85.8	88.7	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.7	90.7	91.0	91.6
≥ 1200	84.4	81.9	83.9	86.1	89.0	89.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.3	91.9
≥ 1000	84.4	81.9	84.2	86.8	89.7	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.9	91.9	92.3	92.3
≥ 900	84.4	81.9	84.5	87.1	90.0	90.7	91.9	91.9	91.9	91.9	91.9	91.9	92.3	92.3	92.6	93.2
≥ 800	84.4	81.9	84.5	87.1	90.0	90.7	91.9	91.9	91.9	91.9	91.9	91.9	92.3	92.3	92.6	93.2
≥ 700	84.4	82.3	84.9	87.4	90.3	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.9	93.6
≥ 600	84.4	82.3	84.9	87.4	90.3	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.9	92.9	93.2	93.9
≥ 500	84.4	82.6	85.2	88.4	91.6	92.3	93.6	93.9	93.9	93.9	93.9	93.9	94.5	94.5	94.8	95.5
≥ 400	84.4	82.6	85.5	88.7	92.3	92.9	94.2	94.5	94.5	94.5	94.5	94.5	95.2	95.2	95.5	96.1
≥ 300	84.4	82.6	85.5	88.7	92.3	93.2	94.5	94.8	94.8	94.8	95.2	95.2	95.8	95.8	96.1	96.8
≥ 200	84.4	82.6	85.5	88.7	92.3	93.2	94.5	95.2	95.2	95.5	95.8	95.8	96.5	96.5	96.8	97.7
≥ 100	84.4	82.6	85.5	88.7	92.3	93.2	94.5	95.2	95.2	95.5	95.8	95.8	97.1	97.1	99.1	99.4
≥ 0	84.4	82.6	85.5	88.7	92.3	93.2	94.5	95.2	95.2	95.5	95.8	95.8	97.1	97.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

347	LAFAYETTE, NJ	77-82	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	42.7	45.8	47.3	49.8	49.5	50.1	50.8	51.2	51.2	51.5	51.6	51.6	51.8	51.8	52.1	52.4
≥ 20000	24.9	51.8	53.7	55.1	55.9	56.5	57.2	57.6	57.6	58.0	58.1	58.1	58.3	58.3	58.6	58.9
≥ 18000	24.9	51.9	53.7	55.1	55.9	56.9	57.2	57.6	57.6	58.0	58.1	58.1	58.3	58.3	58.6	58.9
≥ 16000	24.9	51.9	53.7	55.2	56.0	56.5	57.2	57.6	57.6	58.1	58.2	58.2	58.3	59.4	58.6	58.9
≥ 14000	24.9	51.9	53.7	55.2	56.0	56.6	57.3	57.7	57.7	58.1	58.2	58.2	58.4	58.4	58.7	59.
≥ 12000	24.9	52.9	54.3	56.3	57.1	57.7	58.4	58.7	58.7	59.2	59.3	59.3	59.4	59.5	59.8	60.1
≥ 10000	26.4	56.1	58.2	59.8	60.7	61.3	62.1	62.5	62.5	63.0	63.0	63.0	63.2	63.2	63.6	63.9
≥ 9000	26.9	56.3	58.4	59.9	60.9	61.5	62.2	62.7	62.7	63.1	63.2	63.2	63.3	63.4	63.7	64.0
≥ 8000	28.4	60.4	62.7	64.5	65.5	66.2	67.0	67.5	67.5	67.9	68.1	68.1	68.3	68.3	68.7	69.1
≥ 7000	28.7	61.5	63.8	65.6	66.7	67.3	68.2	68.6	68.6	69.1	69.3	69.3	69.5	69.5	69.9	70.3
≥ 6000	29.9	61.9	64.2	66.1	67.1	67.7	68.6	69.1	69.1	69.6	69.8	69.8	70.0	70.0	70.4	70.7
≥ 5000	29.9	62.7	65.2	67.1	68.3	69.0	69.9	70.3	70.3	70.9	71.1	71.1	71.3	71.3	71.7	72.1
≥ 4500	30.1	65.2	67.7	69.7	71.0	71.7	72.6	73.0	73.0	73.7	73.8	73.8	74.0	74.1	74.5	74.9
≥ 4000	31.6	68.3	71.0	73.1	74.5	75.2	76.2	76.6	76.6	77.2	77.4	77.4	77.6	77.6	78.0	78.4
≥ 3500	33.1	71.2	74.2	76.4	77.9	78.7	79.8	80.2	80.2	80.9	81.0	81.0	81.2	81.3	81.6	82.0
≥ 3000	33.1	74.3	77.0	79.3	81.0	81.8	83.0	83.5	83.5	84.1	84.3	84.3	84.5	84.5	84.9	85.3
≥ 2500	35.1	76.2	79.3	81.6	83.5	84.4	85.7	86.2	86.3	86.9	87.1	87.0	87.2	87.3	87.7	88.1
≥ 2000	35.1	77.0	80.4	82.8	84.7	85.8	87.1	87.6	87.6	88.3	88.4	88.4	88.6	88.6	89.0	89.4
≥ 1800	36.1	77.1	80.5	82.9	84.8	85.9	87.2	87.7	87.7	88.4	88.5	88.5	88.7	88.7	89.1	89.5
≥ 1500	36.2	77.5	81.4	83.9	86.0	87.2	88.6	89.1	89.1	89.8	90.0	90.1	90.2	90.2	90.6	91.0
≥ 1200	36.2	78.3	81.9	84.5	86.6	87.9	89.3	89.9	89.9	90.6	90.8	90.8	90.9	91.0	91.4	91.8
≥ 1000	36.3	78.6	82.4	85.2	87.3	88.6	90.1	90.6	90.7	91.4	91.5	91.5	91.7	91.8	92.2	92.6
≥ 900	36.3	78.7	82.5	85.3	87.6	88.8	90.4	91.0	91.1	91.9	92.1	92.1	92.3	92.3	92.7	93.1
≥ 800	36.3	79.1	82.9	85.7	88.1	89.4	91.0	91.8	91.8	92.7	92.8	92.8	93.0	93.1	93.4	93.8
≥ 700	36.3	79.3	83.2	86.1	88.7	90.1	91.8	92.6	92.7	93.5	93.6	93.6	93.8	93.9	94.3	94.7
≥ 600	36.3	79.4	83.4	86.4	89.1	90.8	92.5	93.3	93.4	94.3	94.5	94.5	94.7	94.8	95.2	95.6
≥ 500	36.3	79.5	83.6	86.8	89.7	91.5	93.5	94.6	94.6	95.6	95.9	95.9	96.1	96.2	96.6	97.0
≥ 400	36.3	79.5	83.6	86.8	89.9	91.7	93.8	95.1	95.1	96.1	96.4	96.4	96.7	96.7	97.1	97.6
≥ 300	36.3	79.5	83.7	87.0	90.1	92.0	94.1	95.5	95.6	96.7	97.0	97.1	97.4	97.4	97.8	98.2
≥ 200	36.3	79.5	83.7	87.0	90.2	92.1	94.2	95.6	95.7	96.9	97.5	97.6	97.9	97.9	98.4	98.9
≥ 100	36.3	79.5	83.7	87.0	90.2	92.1	94.2	95.6	95.7	96.9	97.5	97.6	98.0	98.2	98.8	99.6
≥ 0	36.3	79.5	83.7	87.0	90.2	92.1	94.2	95.6	95.7	96.9	97.5	97.6	98.0	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2043

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147	LAKEHURST, NJ	73-75	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

31
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	24.4	47.3	49.9	49.9	49.9	49.9	49.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	57.2
≥ 20000	24.7	52.2	53.3	53.3	53.3	53.3	53.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	56.7
≥ 18000	24.7	52.2	53.3	53.3	53.3	53.3	53.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	56.7
≥ 16000	24.7	52.2	53.3	53.3	53.3	53.3	53.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	56.7
≥ 14000	24.7	52.2	53.3	53.3	53.3	53.3	53.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	56.7
≥ 12000	24.7	52.2	53.3	53.3	53.3	53.3	53.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	56.7
≥ 10000	25.9	58.9	60.0	60.0	61.1	61.1	61.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.4
≥ 9000	25.9	58.9	60.0	60.0	61.1	61.1	61.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	64.4
≥ 8000	31.1	64.4	65.6	65.6	66.7	66.7	66.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	70.0
≥ 7000	32.2	67.8	68.9	68.9	70.0	70.0	70.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3
≥ 6000	32.2	67.8	68.9	68.9	70.0	70.0	70.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	73.3
≥ 5000	34.4	70.0	71.1	71.1	72.2	72.2	72.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	75.6
≥ 4500	37.8	74.4	75.6	75.6	77.8	77.8	77.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	81.1
≥ 4000	38.9	76.7	77.8	77.8	80.0	80.0	80.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	83.3
≥ 3500	41.1	80.0	81.1	81.1	83.3	83.3	83.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.7
≥ 3000	41.1	80.0	81.1	81.1	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.8
≥ 2500	41.1	80.0	81.1	81.1	84.4	84.4	84.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.8
≥ 2000	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 1800	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 1500	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 1200	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 1000	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 900	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 800	42.2	83.3	84.4	84.4	87.8	87.8	87.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	91.1
≥ 700	42.2	83.3	85.6	85.6	88.9	88.9	88.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	92.2
≥ 600	42.2	83.3	85.6	85.6	88.9	88.9	88.9	91.1	91.1	92.2	92.2	92.2	92.2	92.2	92.2	93.3
≥ 500	42.2	85.6	87.8	87.8	91.1	91.1	91.1	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	95.6
≥ 400	42.2	85.6	87.8	87.8	91.1	91.1	91.1	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	95.6
≥ 300	42.2	85.6	87.8	87.8	91.1	91.1	91.1	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	95.6
≥ 200	42.2	85.6	87.8	87.8	91.1	91.1	91.1	94.4	94.4	95.6	95.6	95.6	96.7	96.7	96.7	97.8
≥ 100	42.2	85.6	87.8	87.8	91.1	91.1	91.1	94.4	94.4	95.6	95.6	95.6	96.7	96.7	97.8	98.9
0	42.2	85.6	87.8	87.8	91.1	91.1	91.1	94.4	94.4	95.6	95.6	95.6	96.7	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 90

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

187[illegible]	LAKEHURST, NJ	73-75	NOV
STATION	STATION NAME	YEARS	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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	71.1	55.6	54.7	57.3	60.0	60.0	60.0	60.0	60.0	60.0	61.1	61.1	61.1	61.1	61.1	63.3
≥ 20000	71.1	56.7	57.8	58.9	61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	62.2	62.2	62.2	64.4
≥ 18000	71.1	56.7	57.8	58.9	61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	62.2	62.2	62.2	64.4
≥ 16000	71.1	56.7	57.8	58.9	61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	62.2	62.2	62.2	64.4
≥ 14000	71.1	56.7	57.8	58.9	61.1	61.1	61.1	61.1	61.1	61.1	62.2	62.2	62.2	62.2	62.2	64.4
≥ 12000	71.1	56.7	56.9	60.0	62.2	62.2	62.2	62.2	62.2	62.2	63.3	63.3	63.3	63.3	63.3	65.6
≥ 10000	72.2	60.0	62.2	63.3	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7	66.7	66.7	68.9
≥ 9000	72.2	60.0	62.2	63.3	65.6	65.6	65.6	65.6	65.6	65.6	66.7	66.7	66.7	66.7	66.7	68.9
≥ 8000	73.3	66.7	70.0	71.1	73.3	73.3	73.3	73.3	73.3	73.3	74.4	74.4	74.4	74.4	74.4	76.7
≥ 7000	73.3	66.7	70.0	71.1	73.3	73.3	73.3	73.3	73.3	73.3	74.4	74.4	74.4	74.4	74.4	76.7
≥ 6000	73.3	66.7	70.0	71.1	73.3	73.3	73.3	73.3	73.3	73.3	74.4	74.4	74.4	74.4	74.4	76.7
≥ 5000	73.3	68.9	72.2	73.3	75.6	75.6	75.6	75.6	75.6	75.6	76.7	76.7	76.7	76.7	76.7	78.9
≥ 4500	73.3	71.1	74.4	75.6	77.8	77.8	77.8	77.8	77.8	77.8	78.9	78.9	78.9	78.9	78.9	81.1
≥ 4000	73.3	72.2	75.6	76.7	78.9	78.9	78.9	78.9	78.9	78.9	80.0	80.0	80.0	80.0	80.0	82.2
≥ 3500	77.8	74.4	78.9	80.0	82.2	82.2	82.2	82.2	82.2	82.2	83.3	83.3	83.3	83.3	83.3	85.6
≥ 3000	77.8	75.6	80.0	81.1	83.3	83.3	83.3	83.3	83.3	83.3	84.4	84.4	84.4	84.4	84.4	86.7
≥ 2500	77.8	75.6	80.0	81.1	83.3	83.3	83.3	83.3	83.3	83.3	84.4	84.4	84.4	84.4	84.4	86.7
≥ 2000	78.9	77.8	82.2	83.3	85.6	85.6	85.6	85.6	85.6	85.6	86.7	86.7	86.7	86.7	86.7	88.9
≥ 1800	78.9	77.8	82.2	83.3	85.6	85.6	85.6	85.6	85.6	85.6	86.7	86.7	86.7	86.7	86.7	88.9
≥ 1500	78.9	78.9	83.3	84.4	86.7	86.7	86.7	86.7	86.7	86.7	87.8	87.8	87.8	87.8	87.8	90.0
≥ 1200	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 1000	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 900	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 800	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 700	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 600	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 500	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 400	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 300	78.9	78.9	84.4	85.6	87.8	87.8	87.8	87.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	91.1
≥ 200	78.9	78.9	84.4	85.6	87.8	87.8	88.9	88.9	88.9	90.0	92.2	92.2	93.3	93.3	94.4	96.7
≥ 100	78.9	78.9	84.4	85.6	87.8	87.8	88.9	88.9	88.9	90.0	92.2	92.2	93.3	93.3	95.6	98.9
≥ 0	78.9	78.9	84.4	85.6	87.8	87.8	88.9	88.9	88.9	91.1	92.2	92.2	93.3	93.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 90

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147[illegible] | LAKEHURST, NJ | 73-[illegible] | NOV

STATION | STATION NAME | YEARS | MONTH

07

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	≥ ¼	≥ 0
NO CEILING	13.7	34.7	37.[illegible]	38.0	40.0	40.3	41.3	42.0	42.0	42.3	42.3	42.3	43.0	43.0	43.3	44.7
≥ 20000	14.7	39.3	41.7	42.7	44.7	45.0	46.0	46.7	46.7	47.3	47.7	47.3	48.0	48.0	48.3	50.0
≥ 18000	14.3	39.3	41.7	42.7	44.7	45.0	46.0	46.7	46.7	47.3	47.3	47.3	48.0	48.0	48.3	50.0
≥ 16000	14.3	39.3	41.7	42.7	44.7	45.0	46.0	46.7	46.7	47.3	47.3	47.3	48.0	48.0	48.3	50.0
≥ 14000	14.3	39.3	41.7	42.7	44.7	45.0	46.0	46.7	46.7	47.3	47.3	47.3	48.0	48.0	48.3	50.0
≥ 12000	14.7	40.3	42.7	43.7	45.7	46.3	47.0	47.7	47.7	48.3	48.3	48.3	49.0	49.0	49.7	51.3
≥ 10000	15.7	43.3	46.3	47.7	49.7	50.0	51.7	52.7	52.7	53.3	53.3	53.3	54.0	54.0	54.7	56.7
≥ 9000	15.7	43.7	46.7	48.0	50.0	50.3	52.0	53.0	53.0	53.7	53.7	53.7	54.3	54.3	55.0	57.0
≥ 8000	16.7	48.0	50.0	53.3	55.7	56.7	58.7	59.7	59.7	60.3	60.3	60.3	61.0	61.0	61.7	63.7
≥ 7000	17.7	49.3	53.3	55.0	57.3	58.3	60.7	61.3	61.3	62.0	62.0	62.0	62.7	62.7	63.3	65.7
≥ 6000	17.7	49.3	53.3	55.0	57.3	58.3	60.3	61.3	61.7	62.0	62.0	62.0	62.7	62.7	63.3	65.7
≥ 5000	17.7	51.3	55.3	57.0	59.3	60.3	62.3	63.3	63.3	64.0	64.0	64.0	64.7	64.7	65.3	67.7
≥ 4500	18.3	56.3	59.7	61.3	63.7	64.7	66.7	67.7	67.7	68.3	68.3	68.3	69.0	69.0	69.7	72.0
≥ 4000	18.3	57.3	61.7	63.7	66.7	67.7	69.7	70.7	70.7	71.3	71.3	71.3	72.0	72.0	72.7	75.0
≥ 3500	19.3	57.7	62.7	64.7	67.7	68.7	71.0	72.0	72.0	72.7	72.7	72.7	73.3	73.3	74.0	76.3
≥ 3000	19.3	58.7	64.0	66.0	69.3	70.3	73.0	74.0	74.0	74.7	74.7	74.7	75.3	75.3	76.0	78.3
≥ 2500	19.7	59.3	65.0	67.0	70.3	71.3	74.0	75.0	75.0	75.7	75.7	75.7	76.3	76.3	77.0	79.3
≥ 2000	19.3	60.7	66.3	68.7	72.3	73.3	76.0	77.0	77.0	77.7	77.7	77.7	78.3	78.3	79.0	81.3
≥ 1800	19.7	61.0	66.7	69.0	72.7	73.7	76.3	77.3	77.7	78.0	78.0	78.0	78.7	78.7	79.3	81.7
≥ 1500	19.7	61.7	67.0	70.3	74.3	75.3	78.0	79.0	79.0	79.7	79.7	79.7	80.7	80.7	81.3	83.7
≥ 1200	19.7	62.3	68.3	71.0	75.0	76.0	79.0	80.0	80.0	80.7	80.7	80.7	81.7	81.7	82.3	84.7
≥ 1000	19.7	62.3	69.0	72.0	76.3	77.3	80.3	81.7	81.7	82.3	82.3	82.3	83.3	83.3	84.0	86.3
≥ 900	19.7	62.3	69.0	72.0	76.3	77.3	80.3	81.7	81.7	82.3	82.3	82.3	83.3	83.3	84.0	86.3
≥ 800	19.7	62.7	69.7	72.3	77.0	78.0	81.0	82.3	82.3	83.0	83.0	83.0	84.0	84.0	84.7	87.0
≥ 700	18.7	63.0	69.7	72.7	77.7	79.0	82.7	84.0	84.0	84.7	84.7	84.7	85.7	85.7	86.3	88.7
≥ 600	18.7	63.0	70.0	73.0	78.0	79.3	83.0	85.0	85.0	85.7	85.7	85.7	86.7	86.7	87.3	89.7
≥ 500	19.7	63.0	70.0	73.3	79.3	80.3	84.0	86.3	86.3	87.3	87.3	87.3	88.3	88.3	89.0	91.3
≥ 400	19.7	63.3	70.0	74.0	79.0	81.0	84.7	87.3	87.3	88.3	88.3	88.3	89.7	89.7	90.3	92.7
≥ 300	19.7	63.7	70.0	74.3	79.7	82.0	85.7	88.7	88.7	90.0	90.0	90.0	92.3	92.3	93.0	95.3
≥ 200	19.7	63.7	71.0	74.3	79.7	82.0	85.7	88.7	89.0	90.7	91.3	91.3	93.7	93.7	94.3	97.7
≥ 100	19.7	63.7	71.0	74.3	79.7	82.3	85.7	88.7	89.0	90.7	91.3	91.3	94.3	94.7	95.3	99.3
0	19.7	63.7	71.0	74.3	79.7	82.3	85.7	88.7	89.0	90.7	91.3	91.3	94.3	94.7	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 | LAF[illegible] RST, [illegible] | 7[illegible]-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	41.7	44.7	45.3	45.7	45.7	45.7	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	[illegible]
≥ 20000	[illegible]	45.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.7	50.7	50.7	50.7	50.7	50.7	[illegible]
≥ 18000	[illegible]	45.7	[illegible]	[illegible]	50.3	[illegible]	[illegible]	[illegible]	[illegible]	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	[illegible]	45.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	45.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	46.7	50.0	51.0	51.3	[illegible]	51.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	49.7	[illegible]	54.3	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	50.7	54.0	55.3	55.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	55.3	[illegible]	60.3	61.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	56.3	[illegible]	61.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	56.7	[illegible]	61.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	64.7	65.3	[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]	66.7	71.7	73.0	74.0	74.3	74.3	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 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]	100.0
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	LEESBURG, VA	[illegible]-72	NOV

HOURS (L S T) 13

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	42.3	41.3	41.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	[illegible]	46.7	47.7	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	[illegible]	46.7	47.7	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	[illegible]	46.7	47.7	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 14000	[illegible]	46.7	47.7	48.3	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 12000	[illegible]	47.3	48.3	49.3	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	[illegible]	50.7	51.7	52.7	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 9000	[illegible]	50.3	51.7	52.7	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 8000	[illegible]	55.7	57.0	58.0	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 7000	[illegible]	57.3	58.3	59.3	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000	[illegible]	57.3	58.3	59.3	60.7	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000	[illegible]	59.7	61.0	61.0	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 4500	[illegible]	61.3	61.7	62.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 4000	[illegible]	63.7	64.3	65.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 3500	[illegible]	68.7	70.0	71.3	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	[illegible]	73.3	74.7	76.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2500	[illegible]	77.3	78.7	80.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	[illegible]	78.7	80.0	81.3	83.3	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	[illegible]	79.3	80.7	82.0	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	[illegible]	81.3	82.7	84.0	86.0	86.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	[illegible]	87.3	84.7	85.3	87.3	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	[illegible]	83.3	86.7	87.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 900	[illegible]	83.3	85.3	87.3	89.3	89.3	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	[illegible]	84.0	86.0	88.0	91.3	91.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	[illegible]	85.3	87.7	89.7	93.3	93.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	[illegible]	85.3	87.7	89.7	93.3	93.7	95.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	[illegible]	86.3	88.3	90.3	94.0	94.3	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	[illegible]	85.3	88.3	90.3	94.0	94.3	97.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	[illegible]	85.3	88.3	90.7	94.3	94.7	97.3	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	[illegible]	85.3	88.3	90.7	94.3	94.7	97.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	[illegible]	85.7	88.3	90.7	94.3	94.7	97.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	[illegible]	85.7	88.3	90.7	94.3	94.7	97.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
137	CAPE HATTERAS, NC	73-82	ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 10

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	77.7	45.3	45.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.7
≥ 20000	88.3	52.0	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3
≥ 18000	88.7	52.0	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3
≥ 16000	88.7	52.0	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3
≥ 14000	88.7	52.0	52.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3
≥ 12000	88.7	52.7	52.7	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 10000	91.3	55.7	55.7	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	91.7	56.3	56.3	58.0	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	93.7	60.3	60.3	62.0	62.0	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	94.7	62.0	62.0	63.7	63.7	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 6000	94.7	62.7	63.7	64.3	64.3	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 5000	95.0	63.3	64.3	67.3	67.3	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	96.7	67.7	69.3	70.0	70.3	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4000	96.7	73.3	73.3	75.7	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3500	97.3	76.3	76.7	79.3	79.7	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	97.7	78.7	79.0	81.3	82.3	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	98.3	81.3	82.0	84.3	85.3	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	98.7	83.0	83.7	86.0	87.3	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1800	98.7	83.3	84.0	86.0	87.3	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1500	98.7	83.3	84.0	86.7	87.7	88.3	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	98.7	83.7	84.3	87.0	88.0	88.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	98.7	84.7	85.3	88.0	89.0	90.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	98.7	85.0	85.7	88.3	89.3	90.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	98.7	85.7	86.7	89.3	90.3	91.7	93.3	94.0	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.7
≥ 700	98.7	86.3	87.0	89.7	90.7	92.0	94.3	94.7	94.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	98.7	86.3	87.0	89.7	90.7	92.0	94.3	95.0	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	98.7	86.3	87.3	90.0	91.0	92.3	94.7	95.3	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0
≥ 400	98.7	86.7	87.7	90.3	91.3	92.7	96.0	97.0	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	98.7	86.7	87.7	90.3	91.3	92.7	96.0	97.0	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	98.7	86.7	87.7	90.3	91.3	92.7	96.0	97.0	97.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7
≥ 100	98.7	86.7	87.7	90.3	91.3	92.7	96.0	97.0	97.7	98.7	99.0	99.3	99.7	100.0	100.0	100.0
0	98.7	86.7	87.7	90.3	91.3	92.7	96.0	97.0	97.7	98.7	99.0	99.3	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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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≥ 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																
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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																
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≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILI

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
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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
≥ 20000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
≥ 18000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
≥ 16000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
≥ 14000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
≥ 12000		47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
≥ 10000		54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
≥ 9000		54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
≥ 8000		56.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
≥ 7000		56.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
≥ 6000		56.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
≥ 5000		61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
≥ 4500		63.5	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
≥ 4000		63.5	65.9	65.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
≥ 3500		67.1	67.4	67.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
≥ 3000		71.	74.1	74.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
≥ 2500		76.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
≥ 2000		76.5	82.4	82.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
≥ 1800		78.8	82.4	82.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
≥ 1500		81.2	85.9	85.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
≥ 1200		81.2	85.9	85.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
≥ 1000		81.2	85.9	85.9	90.2	90.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
≥ 900		81.2	85.9	85.9	88.2	88.2	88.2	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
≥ 800		82.4	88.2	88.2	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
≥ 700		82.4	88.2	88.2	90.6	90.6	90.6	90.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
≥ 600		82.4	88.2	88.2	91.9	91.8	91.8	91.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
≥ 500		82.4	88.2	88.2	92.9	92.9	92.9	92.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
≥ 400		82.4	88.2	88.2	92.9	92.9	94.1	95.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
≥ 300		82.4	88.2	88.2	92.9	92.9	94.1	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0
≥ 200		82.4	88.2	88.2	92.9	92.9	94.1	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0
≥ 100		82.4	88.2	88.2	92.9	92.9	94.1	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	100.0
0		82.4	88.2	88.2	92.9	92.9	94.1	96.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	

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) 07

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	14.5	39.7	41.3	41.6	43.2	43.1	43.9	44.5	44.7	44.5	44.5	44.5	44.5	44.5	44.5	44.8
≥ 20000	15.3	41.7	43.9	45.2	46.3	47.1	47.4	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.7
≥ 18000	15.3	41.7	43.9	45.2	46.8	47.1	47.4	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.7
≥ 16000	15.3	41.9	43.9	45.2	46.9	47.1	47.4	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.7
≥ 14000	15.5	41.9	43.9	45.2	46.9	47.1	47.4	48.9	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.7
≥ 12000	16.3	42.3	44.2	45.5	47.1	47.4	47.7	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.0
≥ 10000	17.2	45.2	47.7	49.0	50.7	51.0	51.3	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0
≥ 9000	17.4	45.5	48.0	50.3	51.9	52.3	52.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.9
≥ 8000	18.4	51.7	54.5	55.8	57.4	57.7	58.1	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7
≥ 7000	19.2	52.6	55.2	56.5	58.1	58.4	58.7	59.7	60.2	60.0	60.0	60.0	60.0	60.0	60.2	60.5
≥ 6000	19.7	53.2	55.9	57.1	58.7	59.0	59.4	60.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	61.0
≥ 5000	19.7	56.1	58.7	60.3	61.9	62.3	62.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2
≥ 4500	20.2	58.4	61.4	63.6	65.5	65.8	66.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7
≥ 4000	21.2	62.3	65.5	67.4	69.7	70.0	70.7	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2
≥ 3500	21.4	63.6	67.4	69.4	71.9	72.3	72.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.5
≥ 3000	22.3	64.9	69.0	71.0	73.9	74.2	75.2	76.1	76.5	76.5	76.5	76.5	76.8	76.8	76.8	77.1
≥ 2500	22.6	66.5	70.7	72.6	75.8	76.1	77.4	78.7	79.0	79.0	79.0	79.1	79.4	79.4	79.4	79.7
≥ 2000	22.9	67.1	71.8	73.6	76.9	77.4	78.7	80.0	80.3	80.3	80.3	80.3	80.7	80.7	80.7	81.3
≥ 1800	22.9	67.4	71.9	73.9	77.1	77.7	79.0	80.3	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.6
≥ 1500	23.2	68.4	72.9	76.1	79.7	80.3	81.6	82.9	83.2	83.2	83.2	83.6	83.9	83.9	83.9	84.5
≥ 1200	23.4	72.8	76.8	77.1	81.7	82.0	82.9	84.2	84.5	84.5	84.5	84.8	85.2	85.2	85.2	85.8
≥ 1000	23.4	73.7	77.8	78.4	82.3	83.2	84.8	86.5	86.9	86.6	87.1	87.1	87.4	87.4	87.4	88.2
≥ 900	23.4	74.0	78.5	79.0	82.9	84.2	85.8	87.4	87.7	87.7	88.1	88.1	88.4	88.4	88.4	89.2
≥ 800	23.4	74.0	78.5	79.0	82.9	84.2	85.8	87.4	87.7	87.7	88.1	88.1	88.4	88.4	88.4	89.2
≥ 700	23.7	74.4	78.4	80.0	83.9	85.2	86.8	88.4	88.7	88.7	89.0	89.4	89.4	89.7	89.7	90.5
≥ 600	23.7	74.9	79.1	81.0	84.8	86.1	88.1	90.0	90.3	90.3	90.7	91.0	91.0	91.3	91.3	92.1
≥ 500	24.2	75.5	79.8	81.9	86.1	87.4	89.7	91.6	92.0	92.0	92.3	92.7	92.7	93.0	93.0	93.8
≥ 400	24.2	75.6	79.8	82.3	86.5	88.7	91.6	94.2	94.5	94.5	94.6	94.8	95.2	95.2	95.2	95.9
≥ 300	24.2	75.6	79.8	82.3	86.5	89.4	92.3	95.2	95.5	95.5	96.1	96.1	96.5	96.5	96.5	97.1
≥ 200	24.2	75.6	79.8	82.3	86.9	89.4	92.3	95.8	96.1	96.5	97.1	97.1	97.4	97.4	98.1	98.7
≥ 100	24.2	75.6	79.8	82.3	86.9	89.4	92.3	95.8	96.1	96.5	97.4	97.4	97.7	97.7	98.7	100.0
≥ 0	24.2	75.6	79.8	82.3	86.9	89.4	92.3	95.8	96.1	96.5	97.4	97.4	97.7	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

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

147 | [illegible] | [illegible] | DEC
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]	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000	[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000	[illegible]	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 14000	[illegible]	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	[illegible]	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	[illegible]	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 9000	[illegible]	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 8000	[illegible]	59.0	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 7000	[illegible]	6 .7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 6000	[illegible]	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 5000	[illegible]	62.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 4500	[illegible]	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 4000	[illegible]	68.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	[illegible]	71.9	72.9	73.2	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	[illegible]	75.3	77.1	77.4	77.4	77.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	[illegible]	79.0	80.3	80.7	80.7	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	[illegible]	80.3	81.6	81.9	81.9	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	[illegible]	80.3	81.6	81.9	81.9	81.9	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	[illegible]	81.9	83.2	83.6	83.6	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	[illegible]	82.6	83.9	84.2	84.5	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1000	[illegible]	82.9	84.5	84.8	85.5	85.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	[illegible]	83.6	85.2	85.5	86.8	86.8	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	[illegible]	84.2	86.1	86.5	87.7	87.7	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	[illegible]	84.5	86.5	86.8	88.1	88.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	[illegible]	84.5	86.8	87.1	88.4	89.0	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	[illegible]	84.9	86.8	87.4	88.7	90.0	93.2	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 400	[illegible]	84.5	86.8	87.4	89.0	90.3	93.6	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 300	[illegible]	84.5	86.8	87.7	89.4	90.7	94.5	97.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	[illegible]	84.5	86.8	87.7	89.4	90.7	94.5	97.7	97.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4
100	[illegible]	84.5	86.8	87.7	89.4	90.7	94.5	97.7	97.7	99.0	99.4	99.4	99.4	99.4	99.7	100.0
0	[illegible]	84.5	86.8	87.7	89.4	90.7	94.5	97.7	97.7	99.0	99.4	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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≥ 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

147 STATION | LAKEHURST, NJ STATION NAME | [illegible] YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	37.2	47.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 20000	51.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 18000	51.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 16000	51.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	51.4	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	52.1	56.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 10000	52.4	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 9000	52.7	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 8000	55.5	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	56.3	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	56.3	64.4	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 5000	57.5	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 4500	58.5	69.9	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 4000	58.5	74.1	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	60.5	76.4	77.4	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3000	61.1	77.7	78.8	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2500	61.4	78.9	81.2	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	61.4	81.2	82.9	83.5	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1800	61.4	81.2	82.9	83.5	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	61.4	81.2	84.1	85.1	85.4	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1200	61.4	81.2	84.1	85.8	86.1	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1000	61.4	82.2	84.8	86.4	86.7	86.7	87.1	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 900	61.4	82.5	85.4	87.1	87.4	87.4	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 800	61.4	82.9	85.8	87.4	87.7	87.7	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 700	61.4	83.2	86.1	88.0	88.3	88.3	88.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 600	61.4	83.2	86.7	89.0	90.0	90.0	90.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 500	61.4	83.3	87.4	89.6	90.6	90.6	91.3	91.9	92.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5
≥ 400	61.4	83.3	87.4	90.0	91.3	91.3	92.2	93.2	94.8	94.8	95.5	95.8	95.8	95.8	95.8	95.8
≥ 300	61.4	83.3	87.4	91.3	91.9	92.2	93.5	96.4	96.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	61.4	83.3	87.4	91.3	91.9	92.2	94.3	96.8	97.1	98.1	98.4	98.4	98.4	98.4	98.7	98.7
≥ 100	61.4	83.3	87.4	91.3	91.9	92.2	94.3	96.8	97.1	98.1	98.4	98.4	98.4	99.4	99.7	100.0
0	61.4	83.3	87.4	91.3	91.9	92.2	94.3	96.8	97.1	98.1	98.4	98.4	98.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147	LAKEHURST, NJ	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	45.1	46.7	46.4	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	47.1	47.1
≥ 20000	[illegible]	51.3	52.[illegible]	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3
≥ 18000	[illegible]	51.3	52.[illegible]	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3
≥ 16000	[illegible]	51.3	52.[illegible]	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3
≥ 14000	[illegible]	51.3	52.[illegible]	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3	53.3
≥ 12000	[illegible]	51.6	52.3	53.0	53.0	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.6	53.6
≥ 10000	54.2	55.6	56.3	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.6	57.6
≥ 9000	54.2	56.3	56.9	57.6	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2	58.2
≥ 8000	[illegible]	61.[illegible]	61.8	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.2	63.2
≥ 7000	[illegible]	62.2	62.8	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1	64.1
≥ 6000	[illegible]	62.8	63.5	64.1	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8
≥ 5000	[illegible]	65.1	66.1	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.4	67.4
≥ 4500	[illegible]	67.4	68.4	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7
≥ 4000	[illegible]	70.7	71.7	72.4	72.4	72.4	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.4	73.4
≥ 3500	[illegible]	71.4	72.4	73.0	73.0	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.3	74.3
≥ 3000	[illegible]	74.0	75.7	76.3	76.3	76.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0
≥ 2500	[illegible]	76.9	78.0	78.6	78.6	79.0	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3	80.3
≥ 2000	[illegible]	78.0	80.6	81.3	81.3	81.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9	82.9
≥ 1800	[illegible]	78.[illegible]	80.6	81.3	81.3	81.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9	82.9
≥ 1500	[illegible]	78.6	81.6	82.2	82.2	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2
≥ 1200	[illegible]	79.[illegible]	82.2	82.9	82.9	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2
≥ 1000	[illegible]	79.6	83.2	84.5	84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8
≥ 900	[illegible]	[illegible].3	83.9	85.9	85.9	86.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5
≥ 800	[illegible]	80.2	84.5	87.2	87.8	88.8	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.8	90.8
≥ 700	[illegible]	80.9	84.9	87.5	88.2	89.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5	91.5
≥ 600	[illegible]	80.9	84.9	87.5	88.2	89.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.5	91.5
≥ 500	[illegible]	81.6	85.9	88.5	89.5	91.1	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1	94.1
≥ 400	[illegible]	81.6	86.9	88.5	89.8	91.5	93.4	95.1	95.1	95.1	95.7	95.7	95.7	95.7	96.1	96.1
≥ 300	[illegible]	81.6	86.7	89.1	90.5	92.1	94.4	96.1	96.1	96.1	96.7	96.7	97.0	97.0	97.4	97.4
≥ 200	[illegible]	81.6	86.7	89.1	90.8	92.4	94.7	96.4	96.4	96.4	97.0	97.0	97.7	97.7	98.0	98.0
≥ 100	[illegible]	81.6	86.2	89.1	90.8	92.4	94.7	96.4	96.4	96.4	97.0	97.0	98.0	98.0	99.0	99.3
≥ 0	[illegible]	81.6	86.2	89.1	90.8	92.4	94.7	96.4	96.4	96.4	97.0	97.0	98.0	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

147 | [illegible] | 73-82 | DEC
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	[illegible]	41.7	42.2	42.5	42.9	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.4
≥ 20000	[illegible]	48.1	48.7	49.0	49.3	49.4	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	[illegible]
≥ 18000	[illegible]	48.2	48.5	49.1	49.3	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	[illegible]
≥ 16000	[illegible]	48.2	48.5	49.1	49.3	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	[illegible]
≥ 14000	[illegible]	48.2	48.8	49.1	49.4	49.5	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	[illegible]
≥ 12000	[illegible]	48.6	49.2	49.5	49.7	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.3	50.4
≥ 10000	[illegible]	52.4	53.1	53.5	53.8	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.5
≥ 9000	[illegible]	53.3	54.0	54.4	54.6	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.4
≥ 8000	[illegible]	58.6	59.4	59.8	60.1	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.9
≥ 7000	[illegible]	59.5	60.4	60.8	61.1	61.2	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.9
≥ 6000	[illegible]	59.8	60.7	61.1	61.4	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.2
≥ 5000	[illegible]	62.4	63.7	64.1	64.4	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.2
≥ 4500	[illegible]	65.1	66.4	67.1	67.5	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.3
≥ 4000	[illegible]	68.7	70.2	70.8	71.2	71.4	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.2
≥ 3500	[illegible]	71.2	72.9	73.5	74.1	74.4	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.2
≥ 3000	[illegible]	73.7	76.7	76.3	77.0	77.3	77.3	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.3	78.5
≥ 2500	[illegible]	75.7	77.9	78.6	79.5	79.7	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	81.1
≥ 2000	[illegible]	77.3	79.8	80.7	81.6	81.9	82.5	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.4
≥ 1800	[illegible]	77.4	79.9	80.8	81.7	82.0	82.6	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.5
≥ 1500	[illegible]	78.6	81.4	82.5	83.5	83.8	84.5	85.0	85.1	85.1	85.2	85.2	85.3	85.3	85.4	85.7
≥ 1200	[illegible]	79.1	82.0	83.2	84.4	84.9	85.6	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.4	86.7
≥ 1000	[illegible]	79.5	82.7	84.1	85.5	86.0	86.9	87.6	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.3
≥ 900	[illegible]	79.9	83.2	84.7	86.2	86.8	87.8	88.5	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.3
≥ 800	[illegible]	80.2	83.7	85.3	86.9	87.6	88.6	89.4	89.6	89.6	89.7	89.7	89.8	89.8	89.9	90.2
≥ 700	[illegible]	80.6	84.1	85.9	87.6	88.4	89.5	90.5	90.7	90.7	90.8	90.8	90.9	90.9	91.0	91.3
≥ 600	[illegible]	80.7	84.6	86.4	88.3	89.1	90.7	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.3	92.6
≥ 500	[illegible]	81.0	85.0	87.0	89.0	90.1	92.1	93.5	93.7	94.1	94.2	94.2	94.2	94.2	94.3	94.6
≥ 400	[illegible]	81.1	85.1	87.2	89.3	90.6	92.8	94.7	94.9	95.5	95.9	95.9	96.0	96.0	96.1	96.3
≥ 300	[illegible]	81.1	85.2	87.4	89.7	91.3	93.6	96.0	96.2	96.9	97.4	97.4	97.5	97.6	97.7	98.0
≥ 200	[illegible]	81.1	85.2	87.4	89.8	91.4	93.8	96.3	96.5	97.4	98.1	98.1	98.3	99.4	98.7	99.1
≥ 100	[illegible]	81.1	85.2	87.4	89.8	91.4	93.8	96.3	96.5	97.5	98.2	98.3	98.7	98.8	99.4	99.9
≥ 0	[illegible]	81.1	85.2	87.4	89.8	91.4	93.8	96.3	96.5	97.5	98.2	98.3	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2024

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
147	[illegible]	73-82	ALL

HOURS (LST): ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	32.3	41.2	42.8	43.5	45.2	45.4	46.1	46.4	46.4	46.5	46.6	46.6	46.7	46.7	46.8	46.8
≥ 20000	35.2	47.4	49.3	50.6	52.0	52.6	53.3	53.7	53.7	53.9	54.0	54.1	54.1	54.1	54.2	54.4
≥ 18000	35.2	47.4	49.3	50.7	52.1	52.6	53.4	53.8	53.8	53.9	54.0	54.1	54.1	54.2	54.3	54.5
≥ 16000	35.2	47.4	49.4	50.7	52.1	52.6	53.4	53.8	53.9	54.0	54.1	54.1	54.2	54.2	54.3	54.5
≥ 14000	35.3	47.6	49.5	51.8	52.2	52.8	53.6	53.9	54.0	54.1	54.2	54.2	54.3	54.4	54.5	54.6
≥ 12000	35.6	48.3	50.3	51.6	53.0	53.6	54.4	54.8	54.8	55.0	55.1	55.1	55.2	55.2	55.3	55.6
≥ 10000	37.0	51.5	53.3	55.3	56.9	57.5	58.4	58.8	58.9	59.1	59.2	59.2	59.3	59.3	59.4	59.6
≥ 9000	37.2	51.9	54.2	55.7	57.3	58.0	58.9	59.3	59.3	59.5	59.6	59.6	59.7	59.7	59.9	60.1
≥ 8000	38.7	56.0	58.4	60.2	62.0	62.7	63.7	64.2	64.2	64.4	64.5	64.6	64.7	64.7	64.9	65.0
≥ 7000	39.1	57.2	59.7	61.5	63.3	64.1	65.1	65.6	65.6	65.8	65.9	66.0	66.1	66.1	66.2	66.4
≥ 6000	39.3	57.5	60.0	61.8	63.6	64.4	65.4	65.9	66.0	66.2	66.3	66.3	66.4	66.5	66.6	66.8
≥ 5000	39.7	59.0	61.7	63.5	65.4	66.3	67.3	67.8	67.9	68.1	68.2	68.2	68.3	68.4	68.5	68.7
≥ 4500	40.4	61.3	63.9	65.8	67.8	68.6	69.7	70.2	70.3	70.5	70.6	70.6	70.9	70.9	71.0	71.1
≥ 4000	41.7	64.1	67.1	69.2	71.4	72.4	73.6	74.2	74.3	74.5	74.6	74.6	74.7	74.8	74.9	75.1
≥ 3500	42.2	66.5	69.7	71.9	74.3	75.3	76.6	77.2	77.3	77.5	77.6	77.6	77.8	77.8	77.9	78.1
≥ 3000	43.1	69.1	72.5	74.9	77.5	78.7	80.1	80.7	80.8	81.1	81.2	81.2	81.3	81.4	81.5	81.7
≥ 2500	44.3	70.6	74.2	76.8	79.5	80.3	82.2	82.9	83.0	83.2	83.4	83.4	83.5	83.5	83.7	83.9
≥ 2000	44.5	71.7	75.5	78.1	81.3	82.3	83.9	84.6	84.6	84.9	85.0	85.1	85.2	85.2	85.4	85.6
≥ 1800	44.7	71.9	75.6	78.3	81.2	82.5	84.1	84.8	84.9	85.2	85.3	85.3	85.4	85.5	85.6	85.8
≥ 1500	44.7	72.7	76.7	79.5	82.6	84.1	85.7	86.5	86.6	86.9	87.0	87.0	87.2	87.2	87.4	87.5
≥ 1200	45.7	73.2	77.2	80.1	83.3	84.8	86.6	87.4	87.5	87.8	87.9	88.0	88.1	88.1	88.3	88.5
≥ 1000	46.1	73.6	77.9	80.9	84.2	85.8	87.7	88.6	88.7	89.0	89.2	89.2	89.4	89.4	89.5	89.7
≥ 900	46.3	73.6	78.2	81.3	84.7	86.3	88.2	89.2	89.3	89.7	89.8	89.9	90.0	90.1	90.2	90.4
≥ 800	46.4	74.2	78.6	81.8	85.4	87.1	89.0	90.2	90.4	90.7	90.9	90.9	91.1	91.1	91.3	91.5
≥ 700	46.4	74.4	78.8	82.2	86.1	87.9	90.1	91.3	91.4	91.8	92.0	92.0	92.2	92.2	92.4	92.6
≥ 600	46.4	74.5	79.1	82.5	86.4	88.4	90.9	92.3	92.4	92.6	92.8	93.1	93.3	93.3	93.4	93.6
≥ 500	46.4	74.7	79.4	82.9	87.0	89.1	92.0	93.7	93.9	94.4	94.6	94.7	94.9	95.0	95.1	95.3
≥ 400	46.4	74.8	79.8	83.1	87.3	89.6	92.7	94.6	94.8	95.4	95.8	95.9	96.1	96.2	96.3	96.5
≥ 300	46.4	74.8	79.6	83.2	87.5	89.9	93.1	95.3	95.5	96.4	96.8	96.9	97.1	97.4	97.6	97.8
≥ 200	46.4	74.8	79.6	83.2	87.6	89.9	93.2	95.6	95.9	96.8	97.5	97.6	98.3	98.3	98.7	99.0
≥ 100	46.4	74.8	79.8	83.2	87.6	89.9	93.2	95.7	96.0	96.9	97.6	97.8	98.5	98.6	99.2	99.5
0	46.4	74.8	79.6	83.2	87.6	89.9	93.2	95.7	96.0	96.9	97.6	97.8	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 24[illegible]

DIRNAVOCEANMET SMOS

SKY COVER

14780 LAKEHURST, NJ 73-82 JAN

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	01	22.6			19.4						6.5	51.6	6.3	93
	04	23.7			20.4						9.7	46.2	6.1	93
	07	16.4			21.5						13.5	48.6	6.7	311
	10	13.5			22.2						13.8	50.5	7.0	311
	13	8.1			19.7						23.2	49.0	7.6	310
	16	11.6			20.3						19.0	49.0	7.2	310
	19	18.7			21.9						14.2	45.2	6.5	310
	22	20.3			23.2						12.3	44.5	6.3	310
TOTALS		16.4			21.1						14.0	48.1	6.7	2048

NAVWEASERVCOM

3

SKY COVER

1.787 LAKEHURST, NJ 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	32.1			11.9						11.9	44.0	5.8	84
	04	22.6			15.5						14.3	47.6	6.5	84
	07	14.9			28.0						13.8	43.3	6.4	282
	10	16.7			23.0						16.3	44.0	6.6	282
	13	12.8			22.0						19.5	45.7	7.0	282
	16	14.2			21.3						19.9	44.7	6.9	282
	19	21.0			24.6						13.5	40.9	6.0	281
	22	29.5			19.9						10.3	40.2	5.5	281
TOTALS		20.5			20.9						14.9	43.8	6.3	1956

NAVWEASERVCOM

3

SKY COVER

1-780 LAKEHURST, NJ 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	24.7			9.7						6.5	59.1	[illegible]	[illegible]
	04	27.4			14.8						8.6	57.0	6.9	[illegible]
	07	16.1			17.7						17.1	49.0	7.0	310
	10	10.6			17.7						19.7	52.9	7.5	310
	13	5.5			20.0						21.3	53.2	7.8	310
	16	7.1			19.7						25.2	48.0	7.7	310
	19	12.9			25.2						13.9	48.1	6.8	310
	22	26.1			15.5						11.6	46.8	6.2	310
TOTALS		15.4			17.3						15.4	51.9	7.1	2046

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3

SKY COVER

1-780 LAKEHURST, NJ 73-82 AP-
STATION STATION NAME PERIOD MONTH

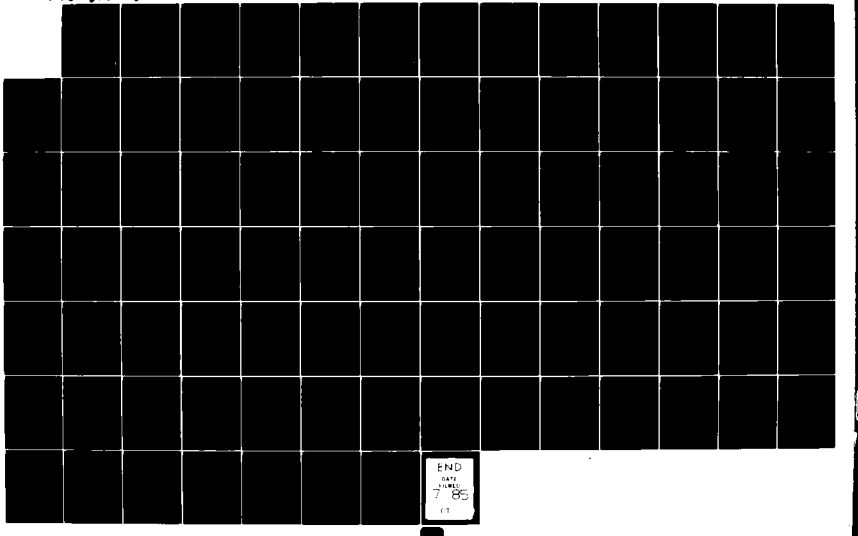
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

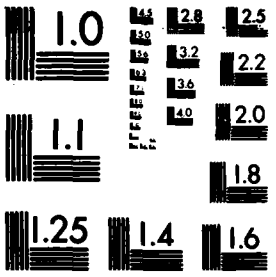
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	01	33.3			13.3						14.4	39.9	[illegible].6	[illegible]
	[illegible]4	24.4			22.2						15.6	37.8	[illegible].8	[illegible]
	07	17.7			24.7						19.0	38.7	6.3	300
	10	16.3			20.3						23.3	40.0	6.7	300
	13	13.7			25.0						24.3	40.0	6.9	300
	16	13.7			24.0						24.3	41.0	7.0	300
	19	12.3			26.7						19.7	41.7	6.7	300
	22	20.7			20.0						15.0	36.3	5.6	300
TOTALS		19.2			22.0						19.5	39.3	6.3	1935

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AD-A150 999 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) LAKEHURST NEW JERSEY(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 4/4

UNCLASSIFIED F/G 4/2 NL





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

SKY COVER

14780	LAKEHURST, NJ	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	12.9			24.7						11.8	50.5	6.9	93
	04	10.8			20.4						19.4	49.5	7.3	93
	07	12.3			20.0						19.7	48.1	7.2	310
	10	7.4			24.2						22.9	45.5	7.3	310
	13	1.9			21.6						30.6	45.8	8.0	310
	16	2.9			26.5						25.2	45.5	7.6	310
	19	3.9			22.3						27.1	46.8	7.8	310
	22	16.1			21.6						15.5	46.8	6.7	310
TOTALS		8.5			22.7						21.5	47.3	7.4	2046

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SKY COVER

14780 LAKEHURST, NJ 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	16.7			21.1						13.3	48.9	6.7	90
	04	5.6			24.4						18.9	51.1	7.5	90
	07	11.3			24.3						18.3	46.0	7.0	300
	10	7.3			26.0						26.7	40.0	7.2	300
	13	2.7			25.3						32.7	39.3	7.6	300
	16	2.7			26.0						34.3	37.0	7.6	300
	19	6.7			25.7						27.3	40.3	7.3	300
	22	12.7			29.0						16.3	42.0	6.5	300
TOTALS		8.2			25.2						23.5	43.1	7.2	1980

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SKY COVER

14780	LAKEHURST, NJ	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	24.7			20.4						11.8	43.0	6.0	93
	04	17.2			28.0						10.9	44.1	6.2	93
	07	13.9			28.7						18.1	39.4	6.4	310
	10	9.4			32.3						23.5	34.8	6.6	310
	13	1.9			25.5						36.5	36.1	7.7	310
	16	2.3			27.7						39.4	30.6	7.4	310
	19	8.4			30.3						26.5	34.8	6.8	310
	22	17.2			28.2						19.4	35.3	6.1	309
TOTALS		11.9			27.6						23.3	37.3	6.7	2045

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SKY COVER

14780 LAKEHURST, NJ 73-82 AUG

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		
AUG	01	17.2			23.7						14.0	45.2	6.5	93
	04	14.0			24.7						17.2	44.1	6.7	93
	07	10.0			26.1						21.6	42.3	7.0	310
	10	7.1			30.6						30.6	31.6	6.8	310
	13	1.3			24.5						40.3	33.9	7.8	310
	16	2.9			27.1						36.1	33.9	7.5	310
	19	5.5			30.3						27.4	36.8	7.1	310
	22	16.5			24.3						21.0	38.2	6.4	309
TOTALS		9.3			26.4						26.0	38.3	7.0	2045

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3

SKY COVER

14780 LAKEHURST, NJ 73-82 SEP

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		
SEP	01	14.4			28.9						14.4	42.2	6.4	90
	04	20.0			21.1						16.7	42.2	6.4	90
	07	9.0			30.0						21.3	39.7	6.8	300
	10	10.3			30.3						24.7	34.7	6.6	300
	13	4.7			30.0						28.0	37.3	7.2	300
	16	5.0			32.3						29.3	33.3	6.9	300
	19	9.0			29.7						23.3	38.0	6.8	300
	22	20.0			26.0						19.3	34.7	6.0	300
TOTALS		11.6			28.5						22.1	37.8	6.6	1980

NAVWEASERVCOM

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SKY COVER

14780 LAKEHURST, NJ 73-82 OCT

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	40.9			19.4						7.5	32.3	4.5	93
	04	36.6			21.5						9.7	32.3	4.7	93
	07	18.4			26.2						20.4	35.0	6.1	309
	10	13.5			32.3						21.3	32.9	6.2	310
	13	9.0			28.1						29.7	33.2	6.8	310
	16	11.0			29.0						29.0	31.0	6.6	310
	19	20.3			25.8						21.6	32.3	5.9	310
	22	30.6			21.3						17.7	30.3	5.3	310
TOTALS		22.5			25.5						19.6	32.4	5.8	2045

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SKY COVER

14780 LAKEHURST, NJ 73-82 NOV

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01	22.2			23.3						13.3	41.1	6.0	90
	04	22.2			27.8						15.6	34.4	5.7	90
	07	14.0			21.0						24.0	41.0	6.9	300
	10	11.0			24.3						26.0	38.7	6.9	300
	13	7.3			25.7						25.0	42.0	7.2	300
	16	9.0			25.7						25.0	40.3	7.1	300
	19	21.0			19.7						15.7	43.7	6.4	300
	22	23.7			18.3						15.3	42.7	6.2	300
TOTALS		16.3			23.2						20.0	40.5	6.6	1980

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SKY COVER

14780 LAKEHURST, NJ 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	18.6			20.9						12.8	47.7	6.5	86
	04	18.8			18.8						14.1	48.2	6.7	85
	07	14.8			25.2						16.8	43.2	6.6	310
	10	13.2			17.4						23.5	45.8	7.2	310
	13	8.4			21.3						21.0	49.4	7.5	310
	16	10.0			23.5						21.6	44.8	7.1	310
	19	21.7			22.0						13.3	43.0	6.2	309
	22	20.7			21.4						15.5	42.4	6.3	304
TOTALS		15.8			21.3						17.3	45.6	6.8	2024

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SKY COVER

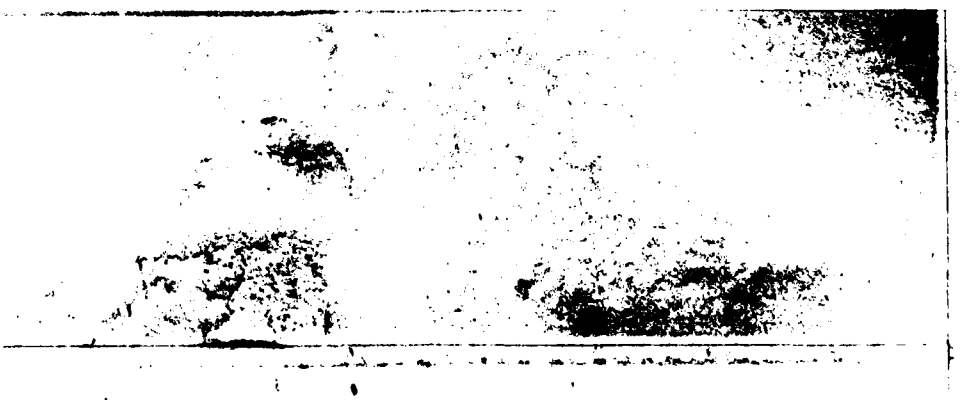
14780 LAKEHURST, NJ 73-82 ALL

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	16.8			21.1						14.0	48.1	6.7	2048
FEB		20.5			20.8						14.9	43.8	6.3	1858
MAR		15.4			17.3						15.4	51.9	7.1	2046
APR		19.2			22.0						19.5	39.3	6.3	1980
MAY		8.5			22.7						21.5	47.3	7.4	2046
JUN		8.2			25.2						23.5	43.1	7.2	1980
JUL		11.9			27.6						23.3	37.3	6.7	2045
AUG		9.3			26.4						26.0	38.3	7.0	2045
SEP		11.6			28.5						22.1	37.8	6.6	1980
OCT		22.5			25.5						19.6	32.4	5.8	2045
NOV		16.3			23.2						20.0	40.5	6.6	1980
DEC		15.8			21.3						17.3	45.6	6.8	2024
TOTALS		14.7			23.5						19.8	42.1	6.7	24077

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ANTHROPOMETRIC

NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

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

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

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

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).

DAILY TEMPERATURES

7 STATION | LONG BRANCH, N.J. STATION NAME | 45-[illegible] YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

"INIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]						.3	1.2	.7	.2				.2
≥ [illegible]					.1	4.6	18.5	14.8	4.9	.4			3.7
≥ [illegible]					2.9	24.4	53.3	45.8	17.7	1.7	.1		12.4
≥ [illegible]			.2	1.0	10.9	49.3	80.5	71.3	34.8	6.1	1.1		21.6
≥ 25	.1		.7	4.7	26.5	73.1	95.4	90.8	58.4	16.3	4.4	.3	31.3
≥ [illegible]	.3	.3	2.7	11.1	51.5	91.7	99.8	98.7	77.9	32.9	9.5	1.6	43.3
≥ 40	1.6	2.2	5.6	26.5	74.8	99.1	100.0	99.8	91.2	52.9	19.5	3.9	55.6
≥ 45	3.3	4.6	15.6	52.9	93.8	100.0		100.0	96.6	74.3	35.5	10.0	67.8
≥ 50	10.1	15.2	34.3	75.4	99.2				99.5	88.8	55.5	21.2	77.3
≥ 55	27.7	31.9	60.4	92.7	100.0				100.0	97.4	77.3	41.2	87.6
≥ 60	46.1	51.7	81.0	98.4						99.7	92.6	60.5	96.0
≥ 65	62.3	69.8	92.5	100.0						99.9	98.6	77.4	99.9
≥ 70	78.5	82.3	97.8							100.0	99.9	89.1	99.7
≥ 75	88.7	93.5	99.6								100.0	96.6	99.2
≥ 80	95.2	98.4	99.9									99.4	99.4
≥ 85	99.1	99.6	100.0									100.0	99.9
≥ 90	99.8	99.9											100.0
≥ 95	99.9	100.0											100.0
≥ 100	100.0												100.0
≥													
≥													
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≥													
MEAN	22.[illegible]	24.5	31.6	40.[illegible]	49.9	59.1	64.[illegible]	63.1	56.0	45.5	36.7	27.1	43.4
S.D.	10.636	9.704	8.448	7.609	7.214	6.660	5.445	6.031	8.417	8.788	9.157	9.799	16.708
TOTAL OBS.	1085	1016	1115	1080	1115	1080	1115	1116	1110	1054	1079	1113	13078

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DAILY TEMPERATURES

147 | LAKEHURST, NJ | 45-60 | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAYHEW

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 100						.1	.2	.4	.1				.1
≥ 95					.1	2.9	5.3	2.5	.3				.9
≥ 90				.3	2.9	14.7	23.0	13.6	6.5	.2			6.2
≥ 85			.4	2.8	10.1	33.1	51.2	40.1	17.1	1.6			15.2
≥ 80			1.3	6.9	20.4	56.9	78.1	68.4	35.9	7.4	.5		27.3
≥ 75	.1	.2	2.7	13.6	38.1	73.1	94.5	88.4	56.6	18.7	2.6	.1	38.7
≥ 70	.3	1.0	6.1	24.1	55.4	88.2	99.1	97.9	74.9	35.1	8.1	1.3	51.4
≥ 65	2.2	2.9	12.3	34.8	73.7	96.1	99.8	99.9	89.5	55.6	17.6	2.9	63.3
≥ 60	5.7	6.7	19.6	52.8	86.5	99.1	100.0	100.0	97.3	75.6	31.6	8.0	57.3
≥ 55	11.2	13.3	30.6	71.4	95.2	99.9			99.2	89.7	50.3	17.2	65.1
≥ 50	19.9	23.2	45.3	86.8	98.7	100.0			99.8	96.8	68.7	28.4	72.5
≥ 45	31.3	36.3	64.3	96.8	99.8				100.0	99.1	85.0	43.2	79.9
≥ 40	48.1	56.0	82.3	99.3	100.0					99.8	94.2	63.6	87.1
≥ 35	66.2	75.5	93.7	99.9						100.0	98.5	80.3	92.9
≥ 30	80.6	88.0	98.4	100.0							99.7	91.0	96.5
≥ 25	91.3	95.9	99.9								100.0	97.0	98.7
≥ 20	97.1	98.8										99.8	99.6
≥ 15	99.1	99.7	100.0									99.9	99.9
≥ 10	99.7	100.0										100.0	100.0
≥ 5	99.9												100.0
≥ 0	100.0												100.0
≥													
≥													
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≥													
MEAN	31.0	41.9	49.7	61.4	71.0	80.0	84.5	82.5	75.7	65.0	54.8	43.6	62.6
S.D.	11.713	10.821	11.404	10.463	9.954	8.585	6.374	6.394	8.748	9.137	9.961	10.695	18.713
TOTAL OBS.	1116	1016	1115	1080	1115	1080	1115	1116	1110	1054	1079	1115	13180

NAVWEASERVCOM

DAILY TEMPERATURES

147[illegible] LAKEHURST, NJ 4[illegible]-82

STATION STATION NAME YEARS

MEAN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]						.8	2.5	1.3	.2				.4
≥ [illegible]					.4	7.7	20.1	12.4	4.[illegible]				[illegible]
≥ 75				.3	4.5	28.1	51.7	40.8	15.6	1.2			1[illegible]
≥ 70			.4	2.2	14.1	52.4	82.4	72.7	34.2	4.8	.5		22.3
≥ 65	.1		1.2	8.2	32.4	75.8	98.5	93.8	56.9	15.4	2.7	.2	32.5
≥ 60	.4	.4	3.9	16.9	53.4	92.8	100.0	99.6	79.5	34.3	7.5	1.1	41.2
≥ 55	1.[illegible]	1.8	8.8	29.1	76.5	99.1		99.9	93.4	55.2	18.3	3.1	49.3
≥ 50	4.3	5.7	16.6	53.0	93.1	99.9		100.0	97.7	78.7	34.0	8.8	5[illegible]
≥ 45	11.[illegible]	12.0	30.6	77.2	99.2	100.0			99.4	92.7	53.9	18.4	66.6
≥ 40	21.4	24.3	51.8	94.1	100.0				99.9	97.7	74.3	34.1	75.1
≥ 35	38.7	45.5	76.9	99.0					100.0	99.7	90.9	53.7	83.9
≥ 30	57.4	65.6	90.7	99.9						100.0	97.9	73.3	90.[illegible]
≥ 25	74.3	81.3	97.3	100.0							99.7	86.5	95.[illegible]
≥ 20	86.4	92.7	99.5								100.0	95.0	97.8
≥ 15	94.5	97.9	99.9									99.4	99.3
≥ 10	98.6	99.5	100.0									99.9	99.8
≥ 5	99.7	100.0										100.0	100.0
≥ 0	99.9												100.0
≥ [illegible]	100.0												100.0
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MEAN	[illegible].[illegible]	33.4	4[illegible].[illegible]	51.0	60.7	69.8	74.8	73.1	66.2	56.0	46.6	35.6	53.3
S.D.	[illegible].513	[illegible].619	9.213	8.416	7.763	6.892	5.152	5.499	7.875	8.188	8.947	9.722	17.256
TOTAL OBS.	10[illegible]	1016	1115	1[illegible]80	1115	1080	1115	1116	111[illegible]	1054	1079	1113	13078

NAVWEASERVCOM



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]78	LAKEHURST, NJ	1946-1978 1981-1982	JANUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]3.1	.5	40.7	4.8	61	16.1	1966	25.5	-3.6	9	-12.8	1969
2	[illegible]1.[illegible]	-.1	39.5	4.2	54	12.2	1972*	24.3	-4.3	6	-14.4	1968
3	[illegible]3.3	.7	41.0	5.0	61	16.1	1951*	25.5	-3.6	10	-12.2	1969
4	[illegible]3.[illegible]	.8	41.1	5.1	68	20.0	1950	26.0	-3.3	2	-16.7	1981
5	[illegible]2.[illegible]	.0	40.1	4.5	66	18.9	1950	23.9	-4.5	6	-14.4	1969
6	[illegible]3.3	.7	42.1	5.6	72	22.2	1950	24.3	-4.3	7	-13.9	1969
7	[illegible]3.2	.7	40.6	4.8	66	18.9	1950	25.8	-3.4	6	-14.4	1968
8	[illegible]9.[illegible]	-1.2	36.9	2.7	61	16.1	1978	22.7	-5.2	3	-16.1	1978
9	[illegible]9.7	-1.3	38.5	3.6	61	16.1	1978	20.9	-6.2	0	-17.8	1981
10	[illegible]0.3	-.9	38.[illegible]	3.3	63	17.2	1950	22.5	-5.3	2	-16.7	1982
11	[illegible]0.0	-1.1	37.1	2.8	65	18.3	1975	22.9	-5.1	2	-16.7	1982
12	[illegible]8.2	-2.1	36.1	2.3	58	14.4	1975	20.3	-6.5	-2	-18.9	1981
13	[illegible]9.1	-1.6	37.8	3.2	61	16.1	1972	20.5	-6.4	-2	-18.9	1981
14	[illegible]1.[illegible]	-.3	40.1	4.5	63	17.2	1950	22.9	-5.1	6	-14.4	1954
15	[illegible]0.7	-.7	38.7	3.7	65	18.3	1952	22.7	-5.2	[illegible]	-17.8	1965
16	[illegible]9.4	-1.4	38.2	3.4	66	18.9	1953	20.5	-6.4	-2	-18.9	1982
17	27.5	-2.5	36.9	2.7	63	17.2	1973	18.1	-7.7	-13	-25.0	1982
18	[illegible]8.6	-1.9	38.2	3.4	67	19.4	1973	19.0	-7.2	-8	-22.2	1982
19	[illegible]0.0	-1.1	39.2	4.[illegible]	70	21.1	1951	20.9	-6.2	-3	-19.4	1948
20	[illegible]2.1	.1	40.7	4.8	68	20.0	1951	23.5	-4.7	5	-15.0	1971
21	[illegible]2.4	.2	41.2	5.1	62	16.7	1959	23.6	-4.7	3	-16.1	1961
22	[illegible]2.2	.1	41.2	5.1	65	18.3	1957	23.2	-4.9	-1	-18.3	1961
23	[illegible]2.9	.5	42.7	5.9	69	20.6	1967	23.1	-4.9	2	-16.7	1976
24	[illegible]2.3	.2	40.6	4.8	70	21.1	1967	24.1	-4.4	1	-17.2	1963
25	[illegible]3.[illegible]	1.0	41.8	5.[illegible]	65	18.3	1967	26.1	-3.3	1	-17.2	1963
26	34.9	1.6	44.[illegible]	6.7	76	24.4	1950	25.9	-3.4	4	-15.6	1961
27	[illegible]3.2	.7	41.1	5.1	68	20.0	1974	25.3	-3.7	8	-13.3	1982
28	[illegible]9.[illegible]	-1.2	38.3	3.5	61	16.1	1949	21.3	-5.9	4	-15.6	1961
29	[illegible]0.0	-1.1	38.4	3.6	66	18.9	1975	21.6	-5.8	0	-17.8	1977
30	30.[illegible]	-.7	[illegible]9.3	4.1	71	21.7	1947	22.2	-5.4	3	-16.1	1952
31	[illegible]9.7	-1.8	37.5	3.1	63	17.2	1974	20.0	-6.7	-4	-20.0	1948
Monthly	[illegible]1.2	-.4	39.6	4.2	76	24.4	1950	22.9	-5.1	-13	-25.0	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

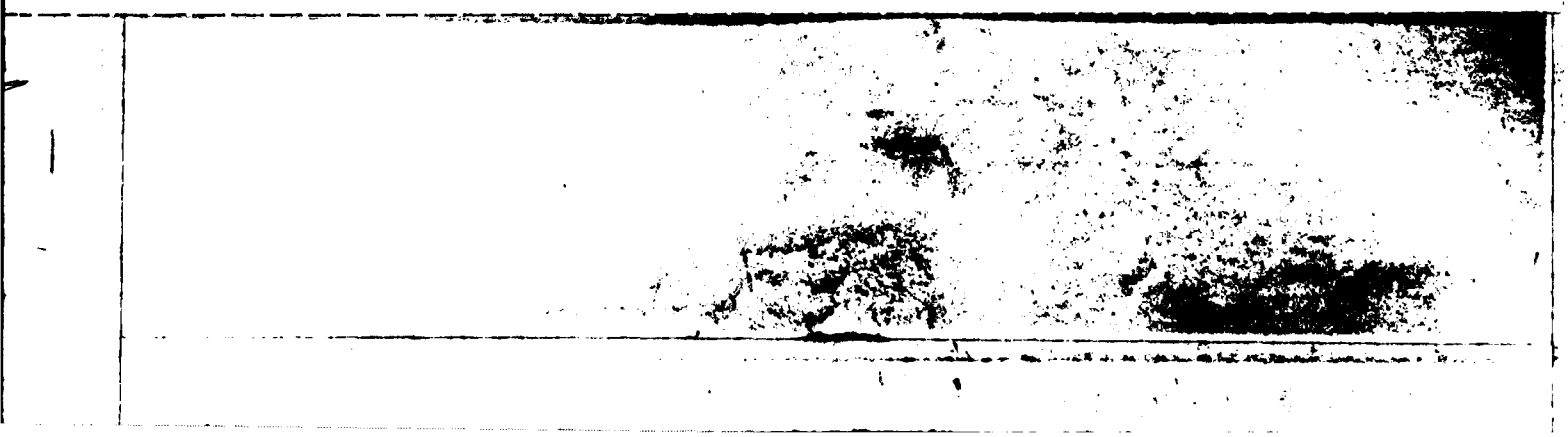
DAILY AVERAGE/EXTREME TEMPERATURES

1978	LAKEHURST, NJ	1945-1978 1981-1982	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	29.8	-1.2	38.3	3.5	6[illegible]	15.6	1982*	21.3	-5.9	3	-16.1	1971*
2	31.1	-.5	39.2	4.[illegible]	65	18.3	1967	22.9	-5.1	-7	-21.7	1961
3	28.1	-2.2	36.8	2.7	6[illegible]	15.6	1982	19.3	-7.1	-1	-18.3	1971*
4	29.6	-1.3	38.2	3.4	58	14.4	1962	21.1	-6.1	4	-15.6	1981
5	30.3	-.9	38.7	3.7	67	19.4	1962	21.9	-5.6	4	-15.6	1947
6	32.[illegible]	.0	41.1	5.1	59	15.0	1960	22.9	-5.1	4	-15.6	1977*
7	31.[illegible]	-.1	40.1	4.5	55	12.8	1951	23.7	-4.6	3	-16.1	1948
8	[illegible].1	-1.1	38.9	3.8	60	15.6	1965	21.3	-5.9	[illegible]	-17.8	1963
9	30.7	-.7	39.0	3.9	63	17.2	1949	22.4	-5.3	5	-15.0	1948
10	31.[illegible]	-.1	4[illegible].3	4.6	66	18.9	1960	23.5	-4.7	8	-13.3	1974*
11	32.7	.4	42.1	5.6	66	18.9	1960	23.4	-4.8	1	-17.2	1962
12	30.7	-.7	39.8	4.3	5[illegible]	15.[illegible]	1971*	21.5	-5.8	6	-14.4	1967
13	32.4	.2	40.7	4.8	71	21.7	1951	24.[illegible]	-4.4	-1	-18.3	1967
14	33.9	1.1	43.1	6.2	65	18.3	1949	24.7	-4.1	10	-12.2	1955
15	35.6	2.0	44.4	6.9	76	24.4	1949	26.7	-2.9	12	-11.1	1969
16	34.4	1.3	43.9	6.6	76	24.4	1954	25.0	-3.9	7	-13.9	1973
17	34.3	1.3	42.3	5.7	68	20.0	1976	26.2	-3.2	4	-15.6	1973
18	35.2	1.8	44.1	6.7	72	22.2	1981	26.2	-3.2	5	-15.0	1973
19	36.0	2.2	44.5	6.9	71	21.7	1961	27.5	-2.5	12	-11.1	1965*
20	33.[illegible]	.9	42.0	5.6	66	18.9	1971	25.2	-3.8	5	-15.0	1966
21	32.3	.2	40.1	4.5	68	20.0	1953	24.4	-4.2	5	-15.0	1968
22	33.3	1.1	42.7	5.9	62	16.7	1974	25.1	-3.8	6	-14.4	1968
23	33.1	1.0	42.0	5.6	66	18.9	1977	25.6	-3.6	9	-12.8	1972*
24	34.1	1.5	44.2	6.[illegible]	7[illegible]	21.1	1961	25.1	-3.8	11	-11.7	1965*
25	37.7	3.2	46.7	8.2	6[illegible]	20.[illegible]	1976	28.6	-1.9	12	-11.1	1967
26	36.[illegible]	2.7	45.4	7.4	65	18.3	1976	28.2	-2.1	9	-12.8	1970
27	37.8	3.2	47.4	8.6	71	21.7	1971	28.1	-2.2	8	-13.3	1963
28	36.3	2.3	44.9	7.2	65	18.3	1976	27.4	-2.6	12	-11.1	1950
29	38.3	3.5	46.6	8.1	74	23.3	1976	30.0	-1.1	22	-5.6	1956
30												
31												
Monthly	33.3	.7	41.9	5.5	76	24.4	1954*	24.5	-4.2	-7	-21.7	1961

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

1787	LAKEHURST, NJ	1945-1978 1981-1982	MARCH
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	36.6	2.6	44.5	6.9	78	25.6	1972	28.7	-1.8	13	-10.6	1947
2	36.9	2.7	45.2	7.3	75	23.9	1972	28.5	-1.9	10	-12.2	1962
3	36.9	2.7	45.0	7.2	67	19.4	1945	28.7	-1.8	10	-12.2	1962
4	37.3	2.9	46.0	7.8	75	23.9	1974	28.6	-1.9	7	-13.9	1958
5	39.7	4.3	48.6	9.2	80	26.7	1976	30.8	-.7	7	-13.9	1948
6	37.6	3.1	45.7	7.6	65	18.3	1959	29.4	-1.4	8	-13.3	1948
7	38.2	3.4	46.7	8.2	75	23.9	1946	29.7	-1.3	12	-11.1	1978*
8	36.8	2.3	44.7	7.1	60	15.6	1973*	27.7	-2.4	13	-10.6	1965
9	37.7	3.2	47.3	8.5	75	23.9	1964	28.1	-2.2	14	-10.0	1960
10	38.5	3.6	47.1	8.4	73	22.8	1955	29.9	-1.2	16	-8.9	1982
11	38.2	3.4	46.9	8.3	72	22.2	1967	29.4	-1.4	10	-12.2	1960
12	39.4	4.1	48.5	9.2	71	21.7	1973	30.2	-1.0	12	-11.1	1960
13	40.4	4.7	48.5	9.2	70	21.1	1946	32.2	.1	15	-9.4	1948
14	41.2	5.1	49.5	9.7	77	25.0	1957	32.9	.5	17	-8.3	1948
15	41.3	5.2	50.7	10.4	72	22.2	1971	31.9	-.1	19	-7.2	1960
16	40.9	4.9	49.9	9.9	80	26.7	1945	31.9	-.1	19	-7.2	1960
17	39.7	4.3	47.9	8.8	86	30.0	1945	31.5	-.3	17	-8.3	1967
18	37.2	2.9	45.6	7.6	72	22.2	1969	28.9	-1.7	10	-12.2	1967
19	39.4	4.1	48.5	9.2	72	22.2	1945	30.4	-.9	3	-16.1	1967
20	41.0	5.0	50.4	10.2	86	30.0	1945	31.6	-.2	15	-9.4	1949
21	42.6	5.9	51.7	10.9	84	28.9	1948	33.5	.8	14	-10.0	1965
22	41.3	5.4	50.4	10.2	77	25.0	1948	33.2	.7	21	-6.1	1965
23	42.3	6.1	52.6	11.4	71	21.7	1949	33.2	.7	20	-6.7	1959
24	43.7	6.5	54.7	12.6	69	20.6	1963	32.8	.4	23	-5.0	1956
25	42.3	6.1	52.5	11.4	78	25.6	1963	33.2	.7	20	-6.7	1956
26	43.4	6.4	54.0	12.2	74	23.3	1963	33.2	.7	18	-7.8	1974*
27	43.3	6.6	52.9	11.6	80	26.7	1949	34.8	1.6	20	-6.7	1975
28	45.5	7.5	56.5	13.6	87	30.6	1945	34.5	1.4	18	-7.8	1966
29	46.7	8.2	57.9	14.4	89	31.7	1945	35.4	1.9	17	-8.3	1982
30	46.5	8.1	55.7	13.2	85	29.4	1977	37.3	2.9	22	-5.6	1970
31	45.0	7.2	53.9	12.2	79	26.1	1945	36.1	2.3	22	-5.6	1947
Monthly	40.6	4.8	49.7	9.8	89	31.7	1945	31.6	-.2	3	-16.1	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	1945-1978 1981-1982	APRIL

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	47.4	8.7	56.6	14.8	83	28.3	1978	36.6	2.6	20	-6.7	1969
2	48.3	9.6	59.4	15.2	83	28.3	1967	39.2	4.0	20	-6.7	1964
3	47.5	8.6	58.2	14.6	81	27.2	1963	36.9	2.7	23	-5.0	1954
4	46.7	8.2	56.5	13.6	8[illegible]	26.7	1950	36.8	2.7	22	-5.6	1954
5	47.7	8.7	58.2	14.6	75	23.9	1969	37.2	2.9	24	-4.4	1975
6	45.6	8.1	56.2	13.4	80	26.7	1947	37.0	2.8	22	-5.6	1982
7	46.7	8.2	56.6	13.7	78	25.6	1954	36.9	2.7	2[illegible]	-6.7	1982
8	46.4	8.0	56.3	13.5	84	28.9	1959	36.4	2.4	24	-4.4	1982*
9	46.7	8.2	57.3	14.1	86	30.0	1959	36.2	2.3	22	-5.6	1977
10	47.3	8.3	58.2	14.6	78	25.6	1955	35.8	2.1	22	-5.6	1977
11	48.3	9.1	59.5	14.7	84	28.9	1955	38.1	3.4	28	-2.2	1982
12	48.9	9.4	59.8	15.4	89	31.1	1977	38.0	3.3	27	-2.8	1976
13	48.5	9.2	59.0	15.0	86	30.0	1977	37.9	3.3	27	-2.8	1969
14	51.0	10.6	61.7	16.5	86	30.0	1960	40.3	4.6	24	-4.4	1950
15	51.1	10.6	61.8	16.6	86	30.0	1960	40.4	4.7	27	-2.8	1962
16	51.1	10.6	62.9	17.2	81	27.2	1976	39.3	4.1	27	-2.8	1981
17	52.7	11.5	64.1	17.8	91	32.8	1976	41.3	5.2	28	-2.2	1962
18	54.7	12.6	66.4	19.1	93	33.9	1976	42.9	6.1	30	-1.1	1948
19	54.3	12.4	65.4	18.6	91	32.9	1976	43.2	6.2	30	-1.1	1982
20	52.7	11.6	63.8	17.7	88	31.1	1976	42.1	5.6	31	-.6	1961
21	52.3	11.6	64.5	18.1	86	30.0	1957	41.3	5.2	29	-1.7	1956
22	54.7	12.6	65.7	18.7	86	30.0	1977*	43.8	6.6	28	-2.2	1981
23	54.3	12.7	66.4	19.1	86	30.0	1973	43.4	6.3	24	-4.4	1932
24	53.2	11.8	63.0	17.2	82	27.8	1961	43.5	6.4	32	.0	1956
25	52.3	11.8	63.2	17.3	89	31.7	1960	43.2	6.2	30	-1.1	1956
26	54.4	12.4	64.1	17.8	80	26.7	1957*	44.7	7.1	31	-.6	1967
27	52.4	11.3	61.1	16.2	89	31.7	1962	43.7	6.5	34	1.1	1967*
28	52.3	11.4	62.9	17.2	88	31.1	1957	42.7	5.9	32	.0	1972
29	55.3	12.9	66.1	18.9	89	31.7	1974	44.6	7.0	33	.6	1977*
30	54.6	12.6	65.1	18.4	89	26.7	1974*	44.1	6.7	33	.6	1982
31												
Monthly	50.9	10.4	61.4	16.3	93	33.9	1976	40.3	4.6	20	-6.7	1982*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

14720	LAKEHURST, NJ	1945-1978 1981-1982	MAY
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	54.9	12.7	65.3	18.5	83	28.3	1970	44.5	6.9	30	-1.1	1978
2	55.5	13.1	65.4	18.6	81	27.2	1951	45.6	7.6	35	1.7	1978*
3	56.3	13.5	66.5	19.2	85	29.4	1969*	46.1	7.8	34	1.1	1966
4	56.0	13.3	66.8	19.3	88	31.1	1965	45.2	7.3	34	1.1	1957
5	55.8	13.2	66.7	19.3	90	32.2	1955*	44.8	7.1	34	1.1	1966
6	58.1	14.5	70.2	21.2	93	33.9	1949	46.0	7.8	37	2.8	1970*
7	56.5	13.6	67.4	19.7	90	32.2	1959	45.6	7.6	35	1.7	1970
8	56.3	13.5	66.5	19.2	88	31.1	1964	46.2	7.9	34	1.1	1974
9	57.9	14.4	69.3	20.7	90	32.2	1963	46.6	8.1	32	.0	1947
10	60.3	15.7	71.3	21.8	90	32.2	1970*	49.1	9.5	32	.0	1947
11	59.4	15.2	69.9	21.1	90	32.2	1948	48.9	9.4	31	-.6	1966
12	60.8	16.0	72.4	22.4	92	33.3	1959	49.2	9.6	36	2.2	1962
13	61.2	16.2	72.2	22.3	88	31.1	1947	50.1	10.1	40	4.4	1976*
14	59.5	15.3	70.1	21.2	82	27.8	1981*	48.8	9.3	39	3.9	1951
15	60.4	15.8	70.7	21.5	89	31.7	1945	50.0	10.0	37	2.8	1971
16	60.9	16.1	71.4	21.9	90	32.2	1951	50.3	10.2	39	3.9	1959
17	63.0	17.2	74.3	23.5	90	32.2	1977*	51.4	10.8	36	2.2	1956
18	62.1	16.7	72.4	22.4	92	33.3	1977	51.8	11.0	40	4.4	1973
19	62.8	17.2	73.5	23.1	95	35.0	1962	52.2	11.2	38	3.3	1973
20	62.6	17.1	72.8	22.7	90	32.2	1978*	52.7	11.5	43	6.1	1945
21	61.9	16.6	71.7	22.1	89	31.1	1959	52.1	11.2	41	5.0	1974*
22	62.5	16.9	73.5	23.1	90	32.2	1945	51.5	10.8	41	5.0	1957
23	63.1	17.3	74.2	23.4	92	33.3	1964	51.9	11.1	42	5.6	1963
24	61.8	16.6	72.3	22.4	93	33.9	1964	51.4	10.8	35	1.7	1963
25	62.5	16.9	72.3	22.4	92	33.3	1981	52.7	11.5	36	2.2	1963
26	63.5	17.5	73.3	22.9	92	33.3	1965	53.7	12.1	41	5.0	1972
27	62.1	16.7	71.6	22.0	94	34.4	1965	52.7	11.5	37	2.8	1972
28	62.6	17.0	73.6	23.1	90	32.2	1977	52.2	11.2	38	3.3	1972
29	63.8	17.7	73.2	22.9	92	33.3	1969	54.5	12.5	40	4.4	1949
30	63.4	17.4	73.4	23.0	90	32.2	1959	53.4	11.9	40	4.4	1949
31	65.4	18.6	76.0	24.4	93	33.9	1956	54.9	12.7	43	6.1	1966*
Monthly	60.4	15.8	71.0	21.7	95	35.0	1962	49.9	9.9	30	-1.1	1978

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET--SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

14780	LAKEHURST, NJ	1945-1978 1981-1982	JUNE
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	65.7	18.7	76.1	24.5	91	32.9	1951	55.3	12.9	40	4.4	1945
2	66.2	19.0	76.1	24.5	88	31.7	1969	56.2	13.4	45	7.2	1966
3	65.1	18.4	75.2	24.1	87	30.6	1970	55.1	12.8	45	7.2	1976
4	65.7	18.8	77.2	25.1	91	32.9	1951	54.5	12.5	44	6.7	1969
5	67.0	19.4	77.7	25.4	94	34.4	1953	56.3	13.5	45	7.2	1950*
6	67.7	19.8	79.4	26.3	94	34.4	1953	55.9	13.3	41	5.0	1949
7	67.5	19.7	78.3	25.7	92	33.3	1971	56.7	13.7	40	4.4	1958
8	67.8	19.9	79.0	26.1	92	33.3	1971	56.6	13.7	44	6.7	1977
9	68.1	20.0	79.6	26.4	94	34.4	1952	58.4	14.7	45	7.2	1957
10	68.4	20.2	79.5	26.4	96	35.6	1974	57.3	14.1	46	7.8	1972
11	68.9	20.3	79.8	26.6	93	33.9	1973	57.3	14.1	40	4.4	1972
12	69.6	20.9	80.6	27.0	92	33.3	1967*	58.7	14.8	43	6.1	1972
13	68.2	20.1	77.7	25.4	94	34.4	1961	59.4	15.2	48	8.9	1950
14	67.2	19.6	76.2	24.6	99	37.2	1956	58.2	14.6	47	8.3	1978
15	68.3	20.2	78.3	25.7	97	36.1	1945	58.3	14.6	42	5.6	1978
16	69.5	20.8	79.4	26.3	96	35.6	1981	59.6	15.3	49	9.4	1961
17	69.1	20.6	79.2	26.2	96	35.6	1957*	58.9	14.9	47	8.3	1961
18	69.3	20.7	80.2	26.8	95	35.0	1945	58.2	14.6	44	6.7	1950
19	69.8	21.0	80.3	26.8	96	35.6	1957	59.3	15.2	45	7.2	1954
20	70.3	21.3	81.8	27.1	94	34.4	1953	59.9	15.5	46	7.8	1956
21	71.1	21.7	80.7	27.1	95	35.0	1953	61.3	16.3	46	7.8	1968
22	71.5	21.9	81.2	27.3	95	35.0	1981	61.9	16.6	47	8.3	1963
23	70.8	21.6	81.0	27.2	96	35.6	1965	60.6	15.9	49	9.4	1958
24	72.7	22.6	84.2	29.0	95	35.0	1950*	61.2	16.2	49	9.4	1947
25	73.6	23.1	84.2	29.0	97	36.1	1952	62.9	17.2	48	8.9	1982
26	73.3	22.9	83.6	28.7	100	37.8	1952	63.1	17.3	52	11.1	1965
27	73.2	22.9	84.1	28.9	97	36.1	1963	62.4	16.9	48	8.9	1965
28	72.7	22.6	83.3	28.5	98	36.7	1969	62.1	16.7	50	10.0	1970
29	73.4	23.0	84.1	28.9	98	36.7	1948	62.7	17.1	51	10.6	1970*
30	74.7	23.7	85.1	29.5	99	37.2	1945	64.2	17.9	54	12.2	1962
31												
Monthly	69.6	20.9	80.0	26.7	100	37.8	1952	59.1	15.1	40	4.4	1972*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

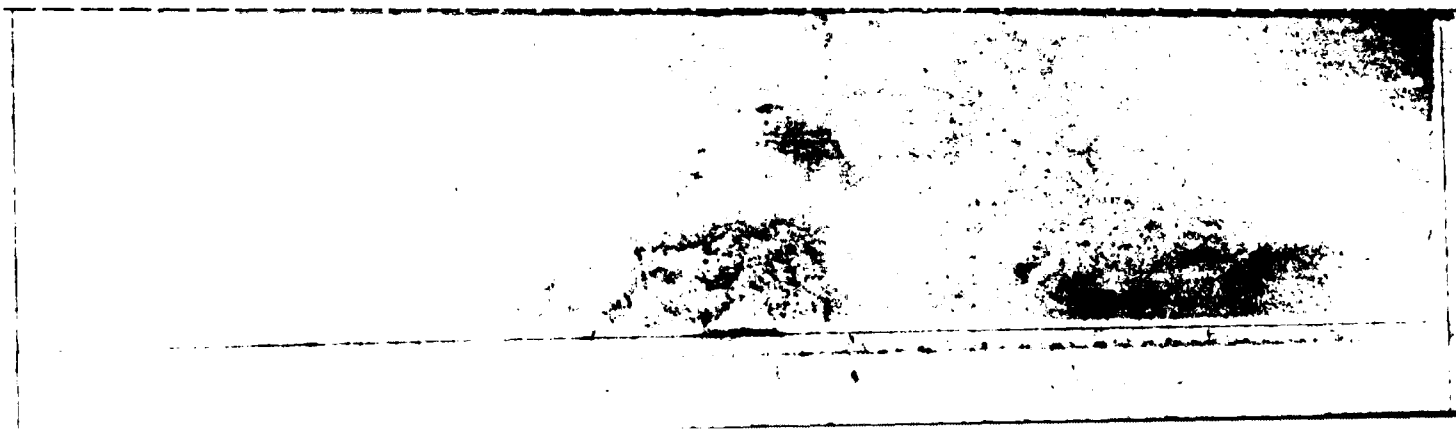
DAILY AVERAGE/EXTREME TEMPERATURES

14780	LAKEHURST, NJ	1945-1978 1981-1982	JULY
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	75.3	24.0	85.7	29.8	98	36.7	1968	64.7	18.2	54	12.2	1952
2	75.2	24.0	86.4	30.2	97	36.1	1966	63.9	17.7	52	11.1	1965*
3	74.2	23.4	84.6	29.2	100	37.8	1966	63.8	17.7	52	11.1	1977*
4	72.8	22.7	83.3	28.5	99	37.2	1949	62.3	16.8	52	11.1	1971
5	72.9	22.3	82.1	27.8	98	36.7	1955	62.3	16.8	50	10.0	1982
6	72.4	22.4	82.8	28.2	94	34.4	1955	62.1	16.7	51	10.6	1982
7	72.5	22.5	82.9	28.3	93	33.9	1946	62.0	16.7	51	10.6	1968
8	73.4	23.1	84.1	28.9	96	35.6	1982	63.1	17.3	53	11.7	1959
9	74.2	23.4	84.3	29.1	96	35.6	1981	64.1	17.8	53	11.7	1972
10	74.7	23.7	84.5	29.2	94	34.4	1974	64.9	18.3	54	12.2	1963
11	73.1	22.8	83.9	28.3	93	33.9	1981	63.1	17.3	53	11.7	1954
12	73.4	23.0	83.7	28.7	96	35.6	1981	63.1	17.3	50	10.0	1945
13	74.1	23.3	84.0	28.9	95	35.0	1966*	64.0	17.8	49	9.4	1971
14	74.7	23.7	83.9	28.8	101	38.3	1954	65.6	18.7	59	15.0	1970
15	74.3	23.5	83.8	28.8	95	35.0	1952	64.7	18.2	56	13.3	1971
16	74.3	23.5	83.8	28.8	99	37.2	1977	64.8	18.2	53	11.7	1946
17	75.3	24.1	85.4	29.7	98	36.7	1977	65.2	18.4	52	11.1	1946
18	76.7	24.8	87.6	30.9	100	37.8	1953	65.7	18.7	54	12.2	1976*
19	77.4	25.2	88.0	31.1	100	37.8	1977	66.9	19.4	56	13.4	1976*
20	75.5	24.2	84.9	29.4	98	36.7	1946	66.1	18.9	56	13.3	1965
21	75.4	24.1	86.0	30.0	100	37.8	1977*	64.7	18.2	53	11.7	1966*
22	75.3	24.0	84.7	29.3	102	38.9	1955	65.7	18.7	55	12.8	1974*
23	75.1	23.9	84.6	29.2	99	37.2	1952	65.6	18.7	50	10.0	1974
24	74.3	23.5	84.0	28.9	93	33.9	1968*	64.7	18.2	54	12.2	1947
25	73.6	23.1	83.1	28.4	93	33.9	1965*	64.0	17.8	53	11.7	1953
26	73.9	23.3	84.2	29.0	93	33.9	1963	63.7	17.6	51	10.0	1976
27	75.5	24.2	85.7	29.8	97	36.1	1949	65.3	18.5	53	10.0	1977
28	75.9	24.4	85.5	29.7	98	36.7	1949	66.3	19.1	49	9.4	1977
29	75.3	24.1	85.1	29.5	96	35.6	1954	65.6	18.7	52	11.1	1977
30	74.7	23.7	84.3	28.9	97	36.1	1949	65.5	18.6	55	12.8	1968*
31	75.5	24.2	85.3	29.6	102	39.9	1954	65.7	18.7	54	12.2	1956
Monthly	74.5	23.6	84.5	29.2	102	38.9	1955*	64.5	18.1	49	9.4	1977*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

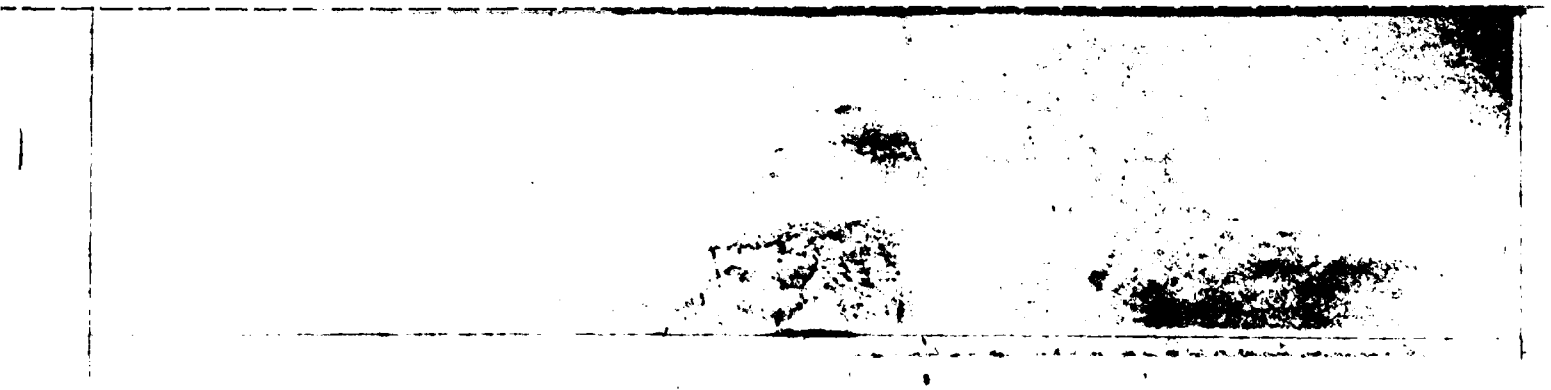
DAILY AVERAGE/EXTREME TEMPERATURES

1478	LAKEHURST, NJ	1945-1978 1981-1982	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	74.9	23.8	84.1	28.9	95	35.0	1975*	65.5	18.6	54	12.2	1964
2	73.8	23.1	82.7	28.2	101	38.3	1955	64.4	18.0	55	12.8	1976*
3	73.5	23.3	83.1	28.4	98	36.7	1975	64.7	18.2	54	12.2	1959*
4	73.1	22.8	82.4	28.0	94	34.4	1955	63.8	17.7	52	11.1	1964
5	73.0	22.8	82.0	27.8	99	37.2	1955	64.0	17.8	49	9.4	1951
6	72.4	22.4	82.2	27.9	95	35.0	1955	62.6	17.0	50	10.0	1972
7	73.2	22.9	82.9	28.3	97	36.1	1955	63.5	17.5	54	12.2	1950
8	73.3	23.3	83.2	28.4	91	32.8	1973*	64.6	18.1	53	11.7	1955
9	74.9	23.6	83.8	28.8	97	36.1	1949	65.2	18.4	55	12.8	1964
10	74.0	23.7	83.4	28.6	99	37.2	1949	65.7	18.7	52	11.1	1964
11	73.4	23.1	83.3	28.5	98	36.7	1949	63.9	17.7	51	10.6	1972
12	72.7	22.6	82.5	28.1	93	33.9	1949	62.8	17.1	52	11.1	1974
13	72.3	22.4	81.4	27.4	96	35.6	1947	63.3	17.4	52	11.1	1971
14	73.3	22.7	83.1	28.4	93	33.9	1947	62.7	17.1	50	10.0	1964*
15	73.9	23.3	84.6	29.2	97	36.1	1947	63.3	17.4	47	8.3	1964
16	73.1	23.1	83.1	28.4	95	35.0	1959	63.9	17.7	51	10.6	1972
17	72.7	22.6	81.4	27.4	95	35.0	1959	64.0	17.8	56	13.3	1981*
18	71.4	21.9	81.1	27.3	92	33.3	1956	61.7	16.5	51	10.6	1981
19	71.3	21.8	81.5	27.5	92	33.3	1954	61.2	16.2	50	10.0	1963
20	72.1	22.3	82.0	27.8	93	33.9	1959*	62.3	16.8	49	9.4	1949
21	71.3	21.8	81.5	27.5	97	36.1	1955	61.2	16.2	47	8.3	1949
22	71.6	22.0	81.2	27.3	92	33.3	1976*	62.0	16.7	50	10.0	1992*
23	70.3	21.3	80.0	26.7	95	35.0	1964	60.7	15.9	48	8.9	1992
24	70.4	21.3	80.4	26.9	93	33.9	1947	60.3	15.7	48	8.9	1992
25	71.2	21.8	81.6	27.6	93	33.9	1968*	60.8	16.0	49	9.4	1971
26	71.9	22.2	82.5	28.1	101	38.3	1948	61.2	16.2	49	9.4	1977
27	72.8	22.7	83.1	28.4	99	37.2	1948	62.5	16.9	52	11.1	1963
28	73.4	23.0	83.6	28.7	102	38.9	1948	63.3	17.4	50	10.0	1968
29	73.0	23.1	84.1	28.9	96	35.6	1953	63.2	17.3	40	4.4	1982
30	73.9	23.3	84.2	28.9	101	38.3	1953	63.7	17.6	49	9.4	1965
31	73.2	22.9	82.8	28.2	100	37.8	1953	63.6	17.6	42	5.6	1976
Monthly	72.8	22.7	82.5	28.1	102	38.9	1948	63.1	17.3	40	4.4	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

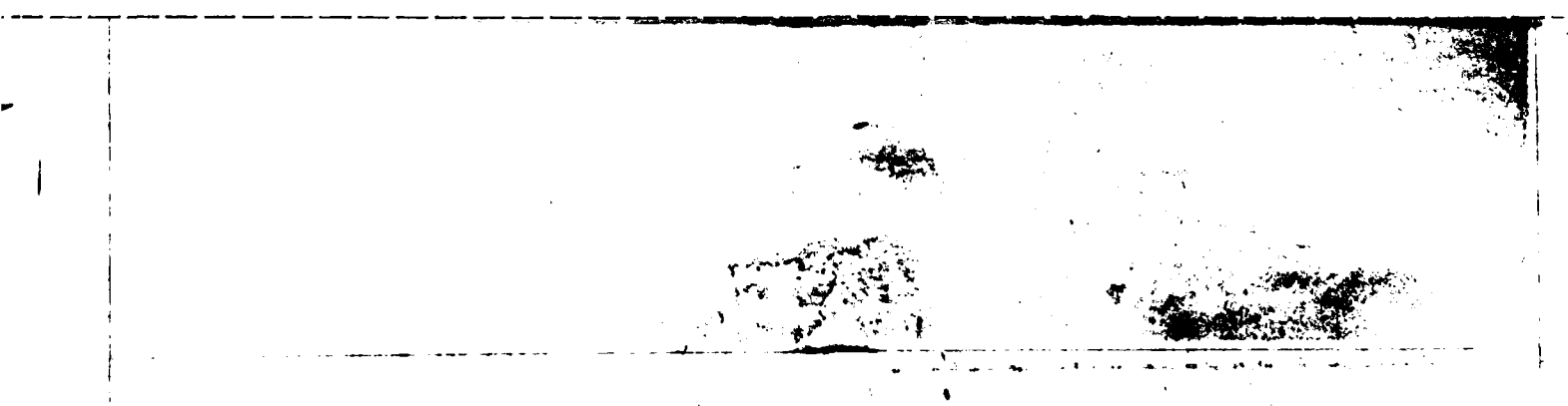
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
1[illegible]7	LAKEHURST, NJ	1[illegible]-1978 1980-1982	SEPTEMBER

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	[illegible]2.1	22.3	[illegible]1.6	27.[illegible]	97	36.1	1953	62.6	17.0	43	6.1	1949
2	[illegible]1.[illegible]	21.9	[illegible].9	27.2	100	37.8	1953	62.1	16.7	43	6.1	1949
3	[illegible]0.[illegible]	21.3	79.7	26.5	98	36.7	1953	60.8	16.0	3[illegible]	3.3	1949
4	[illegible].4	20.8	79.8	26.3	93	33.[illegible]	1964	59.4	15.2	35	1.7	1949
5	[illegible].[illegible]	20.7	78.8	26.[illegible]	9[illegible]	32.2	1973*	59.9	15.5	35	1.7	1949
6	[illegible].7	20.4	7[illegible].4	25.[illegible]	90	32.2	1973	59.1	15.1	3[illegible]	-1.1	1949
7	[illegible].4	20.2	78.6	25.9	90	32.2	1969	58.2	14.6	[illegible]9	3.9	1949
8	[illegible].[illegible]	20.0	78.5	25.8	91	32.[illegible]	1946	57.5	14.2	43	6.1	1949
9	67.8	19.9	78.2	25.7	92	33.3	1964	57.4	14.1	46	7.8	195[illegible]
10	[illegible].[illegible]	20.2	7[illegible].8	26.[illegible]	93	33.[illegible]	1965	58.0	14.4	43	6.1	1975
11	[illegible].[illegible]	20.0	78.3	25.7	93	33.[illegible]	1964	57.8	14.3	46	7.8	1969
12	67.3	19.6	77.7	25.4	92	33.3	1952	56.9	13.8	42	5.6	1958
13	[illegible]6.6	19.2	77.6	25.3	95	35.[illegible]	1952	55.6	13.1	43	6.1	1967
14	67.1	19.5	77.0	25.[illegible]	91	32.[illegible]	1981	57.1	13.9	42	5.6	197[illegible]
15	65.[illegible]	18.8	75.5	24.[illegible]	90	32.2	1947	56.2	13.4	[illegible]9	3.9	1949
16	[illegible].7	18.7	75.1	23.9	91	32.[illegible]	1970	56.3	13.5	35	1.7	1949
17	[illegible].1	18.4	74.2	23.4	9[illegible]	32.2	1972*	56.[illegible]	13.3	35	1.7	1949
18	6.[illegible]	19.1	76.2	24.6	88	31.1	1965	56.3	13.5	[illegible]9	3.9	1959
19	65.[illegible]	18.8	75.4	24.1	89	31.7	1946	56.2	13.4	40	4.4	1959
20	[illegible]5.[illegible]	18.4	74.1	23.4	88	31.1	1965	56.3	13.5	[illegible]9	3.9	1949
21	[illegible]4.2	17.9	73.3	22.[illegible]	91	32.[illegible]	1965	55.1	12.8	32	.0	1949
22	[illegible]4.3	17.9	74.4	23.6	93	33.9	1970	54.2	12.3	4[illegible]	4.4	1962
23	[illegible]2.[illegible]	16.9	72.0	22.2	92	33.3	1970	52.9	11.6	38	3.3	1947
24	[illegible]1.[illegible]	16.4	71.3	21.[illegible]	90	32.2	1968*	51.6	1[illegible].9	[illegible]6	2.2	1974
25	1.[illegible]	16.3	71.3	21.[illegible]	91	32.[illegible]	1970	51.5	1[illegible].8	36	2.2	195[illegible]
26	[illegible]2.4	16.9	73.1	22.8	91	32.[illegible]	1970	[illegible]1.6	10.9	[illegible]9	3.3	1963
27	61.[illegible]	16.6	72.4	22.4	86	30.0	1981	51.4	10.8	34	1.1	1957
28	[illegible].2	16.8	71.5	21.9	85	29.[illegible]	1954*	52.9	11.6	36	2.2	1957
29	[illegible].[illegible]	15.7	7[illegible].0	21.1	88	31.1	1945	50.6	10.3	32	.0	1949
30	[illegible]9.5	15.3	69.3	20.7	86	3[illegible].0	1953	49.6	9.8	[illegible]2	.0	1949
31												
Monthly	65.[illegible]	18.8	75.7	24.3	1[illegible]0	37.8	1953	56.[illegible]	13.3	[illegible]0	-1.1	1949

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	LAKEHURST, NJ	1945-1979 1980-1982	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]	15.8	7[illegible].1	21.2	8[illegible]	28.3	1954	50.9	10.5	32	.0	1947
2	[illegible]	15.8	7[illegible].7	21.5	85	29.4	1952*	50.1	10.1	36	2.2	1972
3	[illegible]	15.3	7[illegible].2	21.2	86	30.[illegible]	1968*	48.9	9.4	32	.[illegible]	1974
4	[illegible]	14.4	6[illegible].5	20.3	87	30.6	1954	47.6	8.7	30	-1.1	1974
5	[illegible]	15.2	70.3	21.3	86	30.[illegible]	1967	48.4	9.1	33	.6	1965
6	[illegible]	15.3	70.5	21.4	9[illegible]	32.2	1959	48.8	9.3	32	.[illegible]	1968*
7	[illegible]	15.0	69.3	20.7	85	29.4	1963*	48.9	9.[illegible]	35	1.7	1954
8	[illegible]	14.6	68.3	20.2	85	29.4	1982	48.1	8.9	33	.6	1953
9	[illegible]	14.4	67.7	19.8	83	28.3	1959	48.3	9.1	34	1.1	1953
10	[illegible]	13.7	66.6	19.2	85	29.4	1958	46.6	8.1	34	1.1	1972
11	[illegible]	13.4	66.5	19.2	85	29.4	1954	46.0	7.8	31	-.6	1982*
12	[illegible]	13.6	67.[illegible]	19.4	87	30.6	1954	45.8	7.7	31	-.6	1964
13	[illegible]	13.1	65.9	18.8	9[illegible]	32.[illegible]	1954	45.2	7.3	33	.6	1957
14	[illegible]	13.7	67.8	19.9	84	28.9	1975	45.6	7.6	34	1.1	1981*
15	[illegible]	14.6	69.9	21.1	84	28.9	1975	46.7	8.2	32	.[illegible]	1965
16	[illegible]	13.[illegible]	68.1	20.1	84	28.9	1958*	45.5	7.5	33	.6	1981*
17	[illegible]	13.[illegible]	66.3	19.1	81	27.2	1968*	45.6	7.6	31	-.6	1982
18	[illegible]	12.8	56.1	18.9	7[illegible]	26.1	1968*	43.6	6.6	26	-3.3	1982
19	[illegible]	11.9	63.7	17.6	83	28.3	1963*	43.3	6.3	25	-3.9	1976
20	[illegible]	11.8	63.7	17.6	79	26.1	1969*	42.8	6.0	26	-3.3	1974*
21	[illegible]	11.6	63.5	17.5	86	30.0	1947	42.3	5.7	22	-5.6	1952
22	[illegible]	12.1	64.[illegible]	17.8	8[illegible]	26.7	1975	43.4	6.3	29	-1.7	1974
23	[illegible]	12.8	[illegible]5.0	18.3	84	28.9	1947	44.9	7.2	27	-2.8	1969
24	[illegible]	11.9	63.1	17.3	82	27.8	1946	43.9	6.6	17	-8.3	1969
25	[illegible]	11.1	60.3	15.[illegible]	77	25.0	1963	43.3	6.3	[illegible]	-1.1	1962
26	[illegible]	11.4	61.6	16.4	77	25.0	1963	43.4	6.3	29	-1.7	1952
27	[illegible]	11.6	62.7	17.1	83	28.3	1963	43.1	6.2	27	-2.8	1976
28	[illegible]	11.2	62.3	16.[illegible]	78	25.6	1971*	42.2	5.7	24	-4.4	1976
29	[illegible]	11.3	62.4	16.[illegible]	78	25.6	1971*	42.2	5.7	28	-2.2	1965
30	[illegible]	10.6	61.0	16.1	83	28.3	1946	41.1	5.1	27	-2.8	1962
31	[illegible]	11.[illegible]	62.6	17.[illegible]	83	28.3	1946	43.4	6.3	25	-3.9	1966
Monthly	[illegible]	13.2	66.0	18.9	9[illegible]	32.2	1959*	45.5	7.5	17	-8.3	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	1945-1979 1981-1982	NOVEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	11.9	[illegible]	16.3	83	28.3	1950	44.2	6.8	27	-2.8	1968
2	[illegible]	12.1	[illegible]	17.1	83	28.3	1982*	44.6	7.0	27	-2.8	1976
3	[illegible]	11.7	61.8	16.6	78	25.6	1982	44.1	6.7	24	-4.4	1980
4	1.9	10.8	59.9	15.5	78	25.6	1961	43.1	6.2	26	-3.3	1951
5	[illegible]	9.3	[illegible]	14.5	81	27.2	1961	39.3	4.1	25	-3.9	1951
6	[illegible]	8.6	56.5	13.6	80	26.7	1974	38.2	3.5	25	-3.9	1980*
7	[illegible]	9.0	57.6	14.2	76	24.4	1975	38.8	3.8	24	-4.4	1982
8	[illegible]	9.1	57.7	14.3	76	24.4	1975	39.2	4.0	23	-5.0	1962
9	[illegible]	8.9	57.[illegible]	13.9	75	23.9	1975	39.1	3.9	23	-5.0	1976*
10	[illegible]	8.3	55.1	12.8	72	22.2	1948	38.8	3.8	24	-4.4	1956
11	[illegible]	7.4	54.7	12.6	72	22.2	1949	36.1	2.3	21	-6.1	1973
12	[illegible]	8.4	57.[illegible]	13.9	75	23.9	1964	37.2	2.9	25	-3.9	1977
13	[illegible]	8.0	[illegible]	12.9	74	23.3	1945	37.7	3.2	26	-3.3	1977
14	[illegible]	8.2	56.1	13.4	72	22.2	1955	37.3	2.9	24	-4.4	1977
15	[illegible]	7.8	[illegible]	12.8	76	26.1	1974	36.9	2.7	21	-6.1	1967
16	[illegible]	8.3	56.7	13.7	74	23.3	1951	37.2	2.9	19	-7.2	1967
17	45.[illegible]	7.7	54.9	12.7	69	20.6	1953	36.9	2.7	17	-8.3	1981
18	[illegible]	7.1	[illegible]	11.8	75	23.9	1963	36.2	2.3	22	-5.6	1959
19	[illegible]	6.8	[illegible]	11.9	71	21.7	1953	35.2	1.8	24	-4.4	1980*
20	[illegible]	6.3	52.8	11.[illegible]	75	23.9	1948	34.[illegible]	1.1	19	-7.2	1951
21	[illegible]	5.8	[illegible]	10.8	69	20.0	1953	33.4	.8	19	-7.2	1951
22	[illegible]	5.8	[illegible]	10.6	70	21.1	1953	33.8	1.0	19	-7.8	1964
23	[illegible]	5.4	[illegible]	10.[illegible]	71	21.7	1982	32.3	.2	16	-8.9	1964
24	[illegible]	5.9	51.9	11.1	69	20.0	1968*	33.2	.7	20	-6.7	1976
25	[illegible]	5.1	[illegible]	10.3	74	23.3	1973	31.6	-.2	2	-6.7	1956
26	[illegible]	5.9	51.7	10.9	73	22.8	1946	33.6	.9	22	-5.6	1949
27	[illegible]	6.2	[illegible]	11.3	69	20.0	1959	33.8	1.0	19	-7.8	1949
28	[illegible]	6.2	[illegible]	11.2	71	21.7	1973	33.5	.8	16	-8.9	1982
29	[illegible]	4.9	49.2	9.6	70	21.1	1974	32.5	.3	15	-9.4	1955
30	[illegible]	3.2	45.5	7.5	72	22.2	1974	29.8	-1.2	14	-10.0	1976
31												
Monthly	45.[illegible]	7.7	54.3	12.7	83	28.3	1982*	36.7	2.6	14	-10.0	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	LAKEHURST, NJ	1945-1982	DECEMBER

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	35.6	2.1	44.5	6.9	63	17.2	1962	27.1	-2.7	1[illegible]	-12.2	1976
2	37.1	2.8	45.9	7.7	64	17.8	1970	28.3	-2.1	14	-1[illegible].0	1946
3	38.[illegible]	3.[illegible]	4[illegible].3	9.1	6[illegible]	20.6	1950	29.7	-1.3	7	-13.9	1976
4	[illegible].9	4.4	42.7	9.3	74	23.3	1982	31.1	-.5	[illegible]	-12.[illegible]	1976*
5	[illegible].4	4.7	49.[illegible]	9.4	77	25.[illegible]	1982	31.[illegible]	-.1	16	-8.9	1966
6	[illegible].1	4.5	42.4	9.1	6[illegible]	2[illegible].0	1982	31.[illegible]	-.1	17	-[illegible].3	1954
7	[illegible].[illegible]	4.2	4[illegible].0	8.9	73	22.[illegible]	1956*	31.[illegible]	-.6	12	-11.1	1954
8	[illegible].3	4.1	47.9	8.8	71	21.7	1966	3[illegible].7	-.7	9	-12.8	197[illegible]
9	[illegible].[illegible]	3.4	46.4	8.0	73	22.8	1966	29.9	-1.2	12	-11.1	1976*
10	[illegible].[illegible]	2.[illegible]	44.4	6.9	73	22.[illegible]	1966	28.5	-1.9	[illegible]	-13.3	1968
11	[illegible].[illegible]	2.3	44.5	6.9	67	19.4	1971	27.8	-2.3	7	-13.9	1958
12	[illegible].6	2.6	44.5	6.9	71	21.7	1979	28.8	-1.8	[illegible]	-13.3	1977
13	[illegible].6	2.6	44.6	7.[illegible]	64	17.8	1946	27.9	-2.3	7	-13.9	196[illegible]
14	[illegible].[illegible]	1.6	42.7	5.9	59	15.[illegible]	1953	26.8	-2.9	5	-15.0	1976
15	[illegible].1	1.2	42.3	5.7	6[illegible]	2[illegible].6	1971	25.9	-[illegible].4	10	-12.2	1962
16	[illegible].1	1.2	41.6	5.3	7[illegible]	21.1	1971	26.5	-3.1	10	-12.2	1961
17	32.[illegible]	.3	41.1	5.1	56	13.3	1966*	24.2	-4.3	4	-15.6	195[illegible]
18	32.[illegible]	.4	41.2	5.1	62	16.7	1949	24.2	-4.3	5	-15.[illegible]	1945
19	[illegible].[illegible]	-.1	3[illegible].5	4.2	59	15.[illegible]	1957	24.1	-4.4	11	-11.7	1973*
20	[illegible].[illegible]	.5	40.9	4.9	61	16.1	1957	24.8	-4.[illegible]	[illegible]	-12.8	1955
21	3[illegible].[illegible]	.7	41.2	5.1	60	15.6	1951	25.2	-3.8	5	-15.[illegible]	1955
22	32.[illegible]	.3	39.7	4.3	6[illegible]	17.8	1949	25.6	-3.6	6	-14.4	1958*
23	33.[illegible]	.9	42.6	5.9	64	17.8	1981	24.[illegible]	-3.9	3	-16.1	1960
24	[illegible].1	1.2	41.1	5.1	65	18.3	1982	27.[illegible]	-2.8	7	-13.9	1960*
25	[illegible].[illegible]	1.1	42.7	5.9	71	21.7	1982	25.1	-3.8	[illegible]	-12.[illegible]	1975
26	[illegible].3	1.3	42.6	5.[illegible]	6[illegible]	18.3	1982*	26.[illegible]	-3.3	[illegible]	-12.[illegible]	1948
27	32.3	.2	39.9	4.4	65	18.3	1949	24.7	-4.1	4	-15.6	1948
28	[illegible].[illegible]	1.4	43.[illegible]	6.4	6[illegible]	20.[illegible]	1982	25.[illegible]	-3.4	4	-15.6	195[illegible]
29	33.[illegible]	1.1	41.9	5.5	64	17.8	1982	25.9	-3.4	11	-11.7	1977
30	33.[illegible]	.9	42.1	5.6	61	16.1	1971	25.1	-3.8	3	-16.1	1962
31	32.[illegible]	.3	40.7	4.8	66	18.[illegible]	1965	24.2	-4.3	2	-16.7	1962
Monthly	[illegible].4	1.9	43.6	6.4	7[illegible]	25.[illegible]	1982	27.1	-2.7	2	-16.7	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

147[illegible]	LAKEHURST, NJ	45-82
STATION	STATION NAME	YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		60	89	85	90	99	97	93	91	83	76	59	
46	68	69	80	83	89	93	98	90	91	86	73	72	98
47	71	52	64	80	89	92		97	91	86		53	
48	46	64		80	90	98	93	102	92	78	78	60	
49	66	76	80	80		97	99	99	85		72		
50	76	53	69	80	89	95	96	93	90	85	83	69	96
51	70	71	65	84	90	91	95	91	91	85	74	73	95
52	65	54	71	85	87	100	99	92	95	85	70	60	100
53	66	69	67	88	98	95	100	101	100	80	74	63	101
54	64	76	74	87	84	93	102	92	90	90	68	64	102
55	53	61	73	84	90	91	102	101	85	82	72	57	102
56	54	62	66	86	93	99	94	92	89	80	73	73	99
57	65	66	77	88	91	96	100	94	94	78	68	61	100
58	56	51	55	82	84	94	96	92	90	85	68	57	96
59	62	56	71	86	92	97	93	95	91	90	77	59	97
60	63	66	78	89	82	90	92	93	87	81	71	65	93
61	57	71	76	86	87	94	94	92	94	80	81	59	94
62	59	67	77	89	95	93	93	92	90	84	61	63	95
63	62	55	78	81	90	97	96	89	86	85	75	56	97
64	57	54	76	84	93	97	96	95	93	77	75	68	97
65	59	60	63	78	94	96	93	95	93	78	72	66	96
66	61	59	69	76	86	95	100	91	90	79	71	73	100
67	70	65	72	83	81	93	92	89	84	86	72	63	93
68	56	52	78	80	85	93	98	94	92	86	74	63	98
69	53	42	73	86	92	98	92	91	92	79	70	61	98
70	57	58	69	81	90	90	92	92	93	82	66	65	93
71	57	71	72	78	89	92	93	90	89	79	78	70	93
72	61	69	78	84	94	97	94	93	90	71	67	62	94
73	67	60	71	86	92	93	92	96	93	82	77	68	96
74	68	63	75	89	90	96	95	91	89	80	80	61	96
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

147[illegible] LAKEHURST, NJ 45-82
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
5	56	62	65	76	92	93	91	98	82	94	76	66	98
76	65	74	80	93	95	94	90	92	90	78	63	57	94
77	49	73	85	88	92	90	100	94	91	76	70	60	100
78	63	47	74	83	90	94	95	97	85				
79												71	
80									93		69		
81	52	72	78	86	92	96	97	93	91	77	74	64	97
82	59	64	68	83	86	91	96	89	90	85	83	77	96
MEAN	41.2	52.1	73.0	83.8	88.7	94.2	95.6	93.5	90.4	81.8	72.8	64.2	96.9
S.D.	8.673	8.208	6.715	3.941	3.605	2.977	3.247	3.440	3.475	4.152	5.140	5.413	2.675
TOTAL OBS.	1085	1016	1085	1080	1085	1080	1085	1116	1113	1054	1050	1085	12931

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14734 LAKEHURST, NJ 45-93
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
47							93 30				55 29		MAX TEMP DAYS
48			84 30										MAX TEMP DAYS
49					93 30							65 30	MAX TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14734 — STATION
LAKEHURST, NJ — STATION NAME
45-82 — YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		8	25	31	40	40	50	54	47	32	22	5	
46	10	10	20	30	40	46	52	52	47	37	24	12	10
47	10	4	13	25	32	45		55	35	32		11	
48	4-	7		29	36	45	54	54	44	27	26	4	
49	19	12	15	32		46	56	47	30		18		
50	15	7	7	24	39	44	52	51	36	32	23	4	4
51	15	9	22	33	39	45	54	49	35	36	17	4	4
52	3	16	15	31	40	51	52	48	45	22	22	12	3
53	20	15	16	33	43	48	53	54	41	33	26	11	11
54	0	8	18	22	37	45	53	52	44	34	23	12	0
55	6	1-	17	33	39	46	59	54	43	35	15	5	1-
56	12	13	16	27	36	46	54	52	39	34	20	14	12
57	0	17	21	29	34	45	52	50	34	32	24	11	0
58	9	5	26	29	40	40	59	52	40	33	17	6	5
59	8	7	19	33	39	49	53	54	39	29	22	7	7
60	16	17	10	30	36	47	54	51	46	32	23	3	3
61	1-	7-	15	28	37	47	55	50	39	30	26	12	7-
62	9	1	10	24	36	49	53	53	37	27	26	2	1
63	1	0	25	33	35	47	54	50	38	36	27	3	0
64	4	13	23	20	40	45	55	47	42	30	16	12	4
65	0	5	14	24	43	48	52	46	41	28	24	14	0
66	4	5	18	25	31	45	53	56	41	25	26	9	4
67	10	1-	3	28	36	42	56	56	39	29	13	15	1-
68	1-	5	16	27	37	46	51	50	46	27	23	6	1-
69	5	12	15	20	38	44	56	50	40	17	18	13	5
70	2	5	19	27	35	49	57	53	40	33	20	9	2
71	2	1-	22	27	37	50	49	49	45	39	23	15	1-
72	3	8	17	24	37	46	53	50	42	25	18	16	3
73	8	4	26	31	38	52	54	52	46	34	21	11	4
74	7	8	18	28	34	49	50	52	36	26	26	21	7
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

147[illegible] | LAKEHURST, NJ | 45-87
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	11	11	17	24	36	47	54	55	42	30	20	9	7
76	0	5	18	27	40	45	50	42	39	24	14	5	-
77	4-	4	23	22	36	44	49	48	45	32	24	[illegible]	4-
78	8	6	9	26	30	42	51	57	38				
79												13	
[illegible]									42		17		
1	2-	4	16	27	35	52	56	51	44	29	22	7	[illegible]
[illegible]	13-	13	12	20	38	46	50	40	45	26	16		
MEAN	[illegible].5	7.	17.0	27.3	37.1	46.1	53.3	51.0	40.9	30.2	21.7	9.5	2.[illegible]
S.D.	7.089	5.563	5.360	3.905	2.929	3.046	2.466	3.657	4.063	4.637	3.985	4.480	4.396
TOTAL OBS.	1085	1016	1085	1080	1085	1080	1085	1116	1110	1054	1050	1054	12980

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

14734 — STATION
LAKEHURST, NJ — STATION NAME
45-82 — 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
47							54 70				22 29		MIN TEMP DAYS
48			7 20										MIN TEMP DAYS
49					40 30							15 30	MIN TEMP DAYS
52												19 25	MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

14732 LAKEHURST, NJ 73-82 JAN

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
68/ 67							.0			.0								2	2		
66/ 65			.0		.0	.0	.0											4	4		
64/ 63		.1		.0		.0												4	4		
62/ 61		.2			.1	.0	.0		.0									9	9	3	
60/ 59	.1	.0	.1	.0	.0		.0	.0	.0									9	9	7	5
58/ 57	.1	.4	.2	.1		.0	.0											19	19	7	9
56/ 55	.1	.7	.1	.3	.1	.1	.0											33	33	21	11
54/ 53	.5	.3	.1	.0	.0													21	21	30	27
52/ 51	.1	.4	.2	.0	.2	.1	.0											23	23	17	16
50/ 49	.1	.3	.3	.0	.5	.3	.0											33	33	20	13
48/ 47	.1	.3	.3	.5	.5	.2												39	39	19	10
46/ 45	.1	.5	.4	.6	.6	.1												50	50	18	20
44/ 43	.2	.8	.9	.9	.6	.2												73	73	39	19
42/ 41	.5	1.0	.9	1.4	.5	.1												91	91	63	23
40/ 39	.5	1.2	1.4	1.9	.3	.1												112	112	76	49
38/ 37	.3	1.6	1.3	1.2	.2	.0												95	95	104	37
36/ 35	.3	1.8	1.9	1.6	.3													122	122	107	46
34/ 33	.8	1.9	2.4	1.2	.1													133	133	137	79
32/ 31	1.0	2.3	2.8	1.0	.2													151	151	139	119
30/ 29	.5	3.3	2.1	.5	.1													135	135	154	95
28/ 27	1.0	2.7	2.5	.8	.0													147	147	165	102
26/ 25	.6	2.2	2.2	.5														114	114	138	119
24/ 23	.3	2.9	2.7	.3														128	128	129	147
22/ 21	.4	2.0	2.2	.2														100	100	120	130
20/ 19	.4	1.8	2.1	.2														92	92	110	127
18/ 17	.5	1.9	1.0	.1														72	72	108	92
16/ 15	.4	1.7	1.0	.1														65	65	80	95
14/ 13	.4	1.3	.9															52	52	69	84
12/ 11	.1	1.0	.4															32	32	43	87
10/ 9	.2	.9	.5															35	35	43	94
8/ 7		.5	.2															15	15	26	81
6/ 5	.0	.5	.1															14	14	18	73
4/ 3		.4																8	8	14	41
2/ 1		.2																4	4	8	39

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

14738 LAKEHURST, NJ 73-82 JAN

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
0/- 1	.2	.2																8	8	8	4
- 2/- 3	.0	.0																2	2	5	19
-4 /- 5																				1	1
- 6/- 7		.0																1	1	1	14
- 8/- 9		.0																1	1		12
-10/-11																				1	13
-12/-13																					13
-14/-15																					9
-16/-17																					3
-18/-19																					3
-20/-21																					4
-22/-23																					4
-24/-25																					1
-28/-29																					1
-30/-31																					5
TOTAL	10.3	37.7	31.4	13.6	4.8	1.5	.4	.0	.1	.0									2048		2048
																		2048		2048	

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.	10167200	139410	68.1	18.191	2048							
Dry Bulb	2239415	63085	30.8	12.029	2048	4.4	427.2	.7				744.0
Wet Bulb	1851499	56995	27.8	11.385	2048	5.8	501.3					744.0
Dew Point	1308846	42416	20.7	14.499	2048	57.8	611.8					744.0

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PSYCHROMETRIC SUMMARY

147PG	LAKEHURST, NJ	73-82	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
74/ 73											.1							1	1		
72/ 71							.1			.1								2	2		
70/ 69						.1												1	1		
68/ 67				.1						.1								2	2		
66/ 65					.1	.1		.1	.1	.1								7	7		
64/ 63			.1				.1	.1	.2									6	6		
62/ 61		.1			.1		.1	.2	.1									9	9	1	
60/ 59		.2	.1	.2	.2	.1	.1	.2										17	17	6	1
58/ 57	.1	.4	.2	.2	.2	.1	.3	.3										30	30	8	1
56/ 55		.5	.1	.1	.5	.1	.1											25	25	13	12
54/ 53		.6	.3	.2	.3	.3	.3											34	34	19	6
52/ 51	.1	.6	.2	.1	.4	.2	.2											31	31	22	14
50/ 49	.1	.5	.3	.4	.8	.4	.2	.1										50	50	32	20
48/ 47		.6	.5	.5	1.2	.6	.1											66	66	35	20
46/ 45	.1	.9	.5	.4	1.0	.3	.3											65	65	45	21
44/ 43	.3	.5	.4	1.0	1.0	.5	.2											72	72	56	24
42/ 41	.4	.9	.5	.9	1.1	.4	.1											78	78	57	34
40/ 39	.2	1.2	.9	1.6	1.0	.4												98	98	81	35
38/ 37	.4	1.5	1.6	1.5	.9	.1												112	112	88	49
36/ 35	.3	1.0	2.4	1.4	1.0	.2												116	116	102	43
34/ 33	.4	1.6	1.9	2.4	.3	.1												123	123	130	66
32/ 31	.3	1.4	1.3	1.8	.3													95	95	137	70
30/ 29	.1	1.9	2.3	1.5	.2													111	111	104	77
28/ 27	.2	1.7	2.7	1.1														107	107	125	109
26/ 25	.8	1.4	3.2	.6	.1													111	111	141	104
24/ 23	.3	1.9	3.0	.2	.1													102	102	117	104
22/ 21	.4	2.5	2.2	.1														95	95	119	91
20/ 19	.4	2.0	1.7	.1														78	78	127	88
18/ 17	.4	1.5	.9															53	53	67	100
16/ 15	.4	1.1	.8															42	42	67	132
14/ 13	.6	.9	.3															33	33	45	136
12/ 11	.2	1.1	.4															32	32	32	107
10/ 9	.3	.8	.1															23	23	37	93
8/ 7	.1	.3	.1															9	9	18	69

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

14780 LAKEHURST, NJ 73-82 FEB

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
5/ 5	.1	.7																14	14	12	54
4/ 3		.2																3	3	8	49
2/ 1		.1																1	1	2	30
0/- 1	.1	.1																2	2	2	26
- 2/- 3	.1																	1	1	2	17
-4 /- 5	.1																	1	1	1	16
- 6/- 7																					9
- 8/- 9																					11
-10/-11																					10
-12/-13																					7
-14/-15																					2
TOTAL	7.2	30.7	28.6	16.2	10.3	3.7	1.9	.9	.4	.2	.1								1958		1858
																		1858		1858	

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.	8167487	118143	63.6	18.784	1858							
Dry Bulb	2325327	61481	33.1	12.516	1858	1.4	330.2	2.2	.4			672.0
Wet Bulb	1816319	54271	29.2	11.155	1858	1.8	420.6					672.0
Dew Point	1149337	38983	21.0	13.359	1858	35.4	545.4					672.0

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PSYCHROMETRIC SUMMARY

14780 LAKEHURST, NJ 73-82 MAR

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		
82/ 81								.0			.0							2	2		
80/ 79									.1	.0								3	3		
78/ 77							.0	.0										2	2		
76/ 75									.1									2	2		
74/ 73					.0			.0	.0									3	3		
72/ 71						.0	.1	.1		.1								8	8		
70/ 69						.1	.1	.1		.0	.0							9	9		
68/ 67				.0	.1		.1		.0	.0								9	9	1	
66/ 65				.1	.1	.2		.3		.1								19	19	4	
64/ 63		.0	.1	.3	.4	.3	.2	.0	.3									35	35	4	
62/ 61		.1		.2	.1	.2	.2	.1	.1	.0								27	27	4	1
60/ 59		.1	.3	.2	.2	.1	.3	.1	.1	.1								34	34	23	4
58/ 57	.1	.5	.4	.5	.3	.6	.3	.4	.1	.1								70	70	21	12
56/ 55	.2	.7	.2	.4	.3	.7	.5	.3	.0									71	71	48	17
54/ 53	.4	.7	.4	.5	.5	.6	.7	.4										89	89	50	41
52/ 51	.2	1.0	.3	.5	.8	.7	.7	.3	.0									93	93	54	38
50/ 49	.4	.7	.9	.9	.9	.7	.7	.1										112	112	72	41
48/ 47	.3	1.2	.6	1.0	1.2	1.2	.8	.0										130	130	84	61
46/ 45	.7	1.4	1.3	1.6	1.0	1.3	.1	.0										153	153	113	61
44/ 43	.7	1.5	1.3	1.2	1.7	1.0												149	149	121	65
42/ 41	.9	1.2	1.1	1.2	1.5	.5	.1											132	132	154	70
40/ 39	1.4	1.5	1.4	2.1	1.9	.2												174	174	192	92
38/ 37	.6	.9	1.9	2.1	.9	.1												133	133	154	117
36/ 35	.7	.9	1.8	1.8	1.2	.1												135	135	166	93
34/ 33	.5	1.6	1.8	1.2	.3	.0												110	110	173	112
32/ 31	.4	1.3	.8	.8	.3													76	76	155	117
30/ 29	.2	.9	1.4	.8	.1													70	70	120	112
28/ 27	.2	1.3	1.4	.6	.0													71	71	87	128
26/ 25	.1	.6	.9	.2														38	38	78	121
24/ 23	.1	.3	.9	.1														28	28	59	121
22/ 21		.6	.6	.1														27	27	38	111
20/ 19		.1	.2	.0														9	9	26	112
18/ 17	.0	.1	.2															9	9	20	91

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

14792 LAKEHURST, NJ 73-92 MAR
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
16/ 15	.1	.1	.0															5	5	14	73
14/ 13		.1	.0															3	3	4	69
12/ 11																				1	49
10/ 9	.0	.1																3	3	4	34
8/ 7		.0																1	1		29
6/ 5																				1	20
4/ 3		.0																1	1		12
2/ 1																				1	9
0/- 1																					5
- 2/- 3																					2
-4 /- 5																					7
- 6/- 7																					1
-10/-11																					1
-14/-15																					1
TOTAL	8.4	19.8	27.4	18.7	14.2	8.9	5.0	2.8	1.1	.6	.1							2046	2046	2046	2046

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.	9043649	128863	63.0	21.296	2046							
Dry Bulb	4008883	87703	42.9	11.044	2046		124.0	14.2	4.7	2.2		744.0
Wet Bulb	3094859	77091	37.7	9.642	2046		221.1	.4				744.0
Dew Point	2114493	60573	29.6	12.532	2046	6.2	444.0					744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

14734 STATION | LAKEHURST, NJ STATION NAME | 73-82 YEARS | APR 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
92/ 91														.1				2	2		
90/ 89													.1					1	1		
88/ 87												.2		.1				4	4		
86/ 85										.1	.2	.2		.1				10	10		
84/ 83									.1	.1								4	4		
82/ 81									.1	.2	.1	.1			.1			6	6		
80/ 79							.1	.1	.3	.2	.2	.2	.1					18	18		
78/ 77							.1	.3	.2		.2		.1					14	14		
76/ 75						.1	.1	.4	.1	.1	.1	.2						19	19		
74/ 73					.1	.2	.3		.1	.2	.2	.2						23	23		
72/ 71				.1	.2	.4	.3	.1	.2	.3	.1							28	28		
70/ 69					.4	.3	.4	.3	.3	.2	.2							41	41	1	
68/ 67		.1	.1		.5	.1	.4	.3	.3	.4	.3	.1						45	45	6	
66/ 65			.2	.3	.5	.3	.4	.3	.4	.3	.1							52	52	21	
64/ 63		.4	.3	.7	.3	.3	.7	.5	.6	.6								84	84	36	4
62/ 61	.2	.6	.5	.5	.7	.5	.6	.9	.7	.1	.1							102	102	50	13
60/ 59	.2	.8	.8	.4	.6	.7	.9	1.2	.7	.2								125	125	63	17
58/ 57	.5	.9	.7	.6	.7	.5	1.2	1.2	.4									123	123	76	52
56/ 55	.2	.9	.5	.6	.6	1.1	1.4	1.3	.1									132	132	79	65
54/ 53	.3	.7	.6	.7	.9	1.4	.6	.6	.1									112	112	95	77
52/ 51	.5	.8	.8	.7	1.3	1.4	.9	.3										129	129	114	67
50/ 49	.4	1.5	1.2	.8	1.4	1.4	.9	.1										150	150	119	59
48/ 47	.5	1.9	1.5	1.3	1.4	1.3	.5											167	167	158	79
46/ 45	.6	.9	1.6	1.3	1.6	1.3	.3	.1										149	149	198	108
44/ 43	.4	1.1	1.3	1.5	.8	.6	.1											115	115	191	66
42/ 41	.6	.7	.9	.8	.7	.2	.1											77	77	184	95
40/ 39	.5	.7	.8	.4	.8	.1												63	63	159	112
38/ 37	.2	.4	.5	.9	.4	.2												47	47	133	95
36/ 35	.2	.2	.7	.6	.2													33	33	77	122
34/ 33	.1	.5	1.2	.4	.2													45	45	60	114
32/ 31	.1	.1	.6	.6	.2													29	29	56	135
30/ 29		.2	.4	.1	.1													16	16	42	121
28/ 27			.2	.1														5	5	27	98
26/ 25		.1	.2	.1														5	5	21	88

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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3

PSYCHROMETRIC SUMMARY

14734 LAKEHURST, NJ 73-82 APR
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
24/ 23		.1																1	1	7	95
22/ 21			.1															2	2	4	75
20/ 19																				2	73
18/ 17																				1	42
16/ 15																					36
14/ 13																					14
12/ 11																					11
10/ 9																					9
8/ 7																					0
6/ 5																					7
4/ 3																					
TOTAL	5.1	13.2	15.2	13.1	14.0	12.1	9.9	7.4	4.3	2.7	1.5	1.0	.2	.3	.1				1980		1980
																		1980		1980	

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.	7602167	114171	57.7	22.689	1980							
Dry Bulb	5774465	104573	52.8	11.272	1980		21.1	78.9	37.5	14.9		720.0
Wet Bulb	4217712	89630	45.3	9.002	1980		58.2	2.5				720.0
Dew Point	2880536	71622	36.2	12.100	1980		296.4					720.0

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PSYCHROMETRIC SUMMARY

14730 — STATION
LAKEHURST, NJ — STATION NAME
73-82 — YEARS
MAY — 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
92 / 91									.0	.0	.0							3	3		
90 / 89									.0	.2	.1	.1		.0				11	11		
88 / 87								.1	.0	.1	.1	.1						10	10		
86 / 85							.0	.1	.1	.0	.2	.0						11	11		
84 / 83						.1	.1	.2	.1	.3		.2						22	22		
82 / 81					.1	.2	.2	.4	.5	.2	.2		.0					38	38		
80 / 79						.2	.6	.3		.3	.1	.0	.0					35	35		
78 / 77				.1	.3	.8	.4	.3	.4	.3	.2							57	57		
76 / 75			.1	.1	.5	.5	.4	.5	.3	.4	.2	.0	.1					67	67	1	
74 / 73		.2	.6	.4	.4	.4	.3	.3	.4	.5	.3	.2						76	76	13	
72 / 71		.1	.4	.8	.8	.4	.4	.4	.6	.2	.2							92	92	21	1
70 / 69	.0	.3	.6	.7	.4	.8	.3	.9	.9	.5	.1							116	116	48	11
68 / 67	.3	.4	1.1	1.0	.5	.6	.7	1.0	.4	.0	.0							125	125	97	35
66 / 65	.3	.8	.9	.9	.7	.6	.8	.8	.5	.1								134	134	108	51
64 / 63	.6	1.1	1.1	1.0	.6	.9	.8	.3	.4									140	140	108	76
62 / 61	.8	1.3	.9	.6	.6	1.1	1.1	.5	.2									146	146	133	119
60 / 59	1.3	2.2	1.4	.9	1.0	.9	.5	.4										180	180	172	120
58 / 57	1.0	2.0	.9	.9	1.2	.7	.6	.3										156	156	167	136
56 / 55	.7	2.1	1.3	1.6	.7	.6	.2		.0									147	147	191	135
54 / 53	1.3	1.8	1.6	1.5	.9	.4	.2	.0										155	155	210	157
52 / 51	1.2	1.3	1.1	.9	.5	.3	.1	.1										112	112	210	139
50 / 49	.4	.7	.7	.5	.3	.2	.1											61	61	176	125
48 / 47		1.2	.9	.5	.4		.0											61	61	122	119
46 / 45	.0	1.3	.4	.4	.0													44	44	104	122
44 / 43	.1	.6	.2	.0	.1													23	23	73	158
42 / 41	.0	.1	.2	.1	.1													12	12	46	134
40 / 39	.0	.3	.0		.0													10	10	23	97
38 / 37		.0																1	1	13	76
36 / 35		.0																1	1	7	61
34 / 33																				3	57
32 / 31																					39
30 / 29																					33
28 / 27																					25
26 / 25																					4

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

14732 LAKEHURST, NJ 73-82 MAY

STATION STATION NAME YEARS MONTH

PAGE 7

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					6
22/ 21																					3
20/ 19																					1
18/ 17																					2
16/ 15																					1
14/ 13																					3
TOTAL	9.4	17.6	14.1	13.4	10.2	9.7	8.0	7.0	5.1	3.5	2.0	.8	.2	.0				2046	2046		2046

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.	10030737	135919	66.4	22.129	2046							
Dry Bulb	8149523	127513	62.3	9.951	2046			241.1	120.0	42.2		744.0
Wet Bulb	6372893	113093	55.3	7.713	2046			65.5	5.1			744.0
Dew Point	5171370	100772	49.3	10.085	2046		42.5	17.1				744.0

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PSYCHROMETRIC SUMMARY

14730 LAKEHURST, NJ 73-82 JUN

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
94/ 93							.2					.1						4	4		
92/ 91							.1	.2	.2	.1	.1		.1					12	12		
90/ 89						.1		.2	.2	.4	.3	.1						22	22		
88/ 87					.1	.1	.3	.5	.3	.5								33	33		
86/ 85						.2	.2	.6	.4	.3	.2	.1						36	36		
84/ 83				.1	.1	.6	.9	.8	.4	.5	.3							70	70		
82/ 81			.1		.7	.8	1.0	.6	.8	.2	.1							82	82	4	
80/ 79			.4	.2	.9	1.0	.7	.7	.6	.4	.3							98	98	4	1
78/ 77			.2	.8	1.6	.6	.8	.9	.9	.6	.2							128	128	9	4
76/ 75		.3	.7	1.0	1.2	1.2	.9	.8	.7	.3	.1							138	138	34	9
74/ 73	.1	.6	1.2	1.4	1.1	1.0	.7	.6	.6	.2								145	145	72	9
72/ 71	.3	1.2	1.3	1.2	.6	.6	.8	.6	.4	.2								138	138	145	48
70/ 69	.8	1.6	1.7	1.8	.8	.9	.9	.5	.2	.1								179	179	198	111
68/ 67	1.2	2.1	1.7	.9	1.3	.8	.7	.5	.5	.1								188	188	206	163
66/ 65	1.0	1.6	1.5	.6	.9	.7	.6	.3	.1									141	141	209	178
64/ 63	1.5	1.9	1.1	1.5	.8	.7	.2	.2	.1									155	155	197	186
62/ 61	1.1	1.6	1.0	.8	.8	.3	.1	.1										111	111	206	167
60/ 59	.4	2.4	1.2	1.3	.3	.1	.2											114	114	167	170
58/ 57	.3	2.0	.8	.6	.7	.1												87	87	165	149
56/ 55	.3	1.5	.6	.5	.2	.1	.1											62	62	145	157
54/ 53	.1	.5	.2	.5	.1													25	25	106	138
52/ 51		.2	.1	.1	.1	.1												7	7	53	120
50/ 49		.2		.1														4	4	36	109
48/ 47	.1																	1	1	16	82
46/ 45																				7	59
44/ 43																				1	38
42/ 41																					27
40/ 39																					19
38/ 37																					17
36/ 35																					12
34/ 33																					6
32/ 31																					1
TOTAL	6.8	17.5	13.5	13.0	12.1	9.4	9.0	7.7	5.9	3.6	1.2	.2	.1					1980	1980		1980
																				1980	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	10268744	137138	69.3	19.729	1980
Dry Bulb	9898342	138934	70.2	8.692	1980
Wet Bulb	7957021	124839	63.1	6.589	1980
Dew Point	6879685	115547	58.4	8.311	1980

Mean No. of Hours with Temperature						
	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.			462.9	279.3	116.7	1.5	720.0
Dry Bulb			244.4	44.7	1.8		720.0
Wet Bulb			125.5	14.2	.4		720.0
Dew Point		.4					

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PSYCHROMETRIC SUMMARY

14781 LAKEHURST, NJ 73-82 JUL

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		.0				3	3		
98/ 97									.1	.1	.0	.0						8	8		
96/ 95								.1	.1			.1						8	8		
94/ 93					.0		.1	.1	.1	.2	.1							16	16		
92/ 91						.0	.3	.3	.4	.3	.0	.0	.0					31	31		
90/ 89				.0		.2	.4	.7	.7	.5	.1	.1						60	60		
88/ 87			.0			.4	.7	.9	.6	.3	.3							69	69		
86/ 85				.0	.2	.9	1.3	1.0	.7	.9	.4							112	112	1	
84/ 83			.0	.3	.9	1.5	1.6	1.1	.9	.4	.2							143	143	2	2
82/ 81		.0	.2	.3	1.2	1.2	1.1	.8	.9	.3	.2	.0						129	129	11	2
80/ 79	.0		.6	1.1	1.6	1.4	.9	.8	.6	.4	.1							155	155	33	1
78/ 77	.0	.2	1.1	1.8	2.2	.8	1.1	.9	.3	.3	.0							181	181	53	13
76/ 75	.0	1.3	2.1	2.4	1.2	.8	.9	.6	.6	.2								209	209	133	37
74/ 73	.3	2.2	2.7	1.6	.7	.7	.5	.7	.3	.1								201	201	234	103
72/ 71	.5	2.1	2.1	1.3	.8	.5	.5	.2	.2									166	166	284	164
70/ 69	1.0	3.2	2.2	.8	.4	.4	.3	.0										172	172	313	265
68/ 67	1.3	1.7	1.5	.8	.3	.2	.1											123	123	268	262
66/ 65	1.2	1.2	1.1	.9	.3	.2		.0										102	102	216	274
64/ 63	.6	1.0	.3	.6	.3	.2												62	62	162	189
62/ 61	.5	.4	.4	.2	.4	.0	.0											42	42	129	144
60/ 59	.2	.5	.2	.3	.1	.1												33	33	91	138
58/ 57		.2	.1															7	7	53	112
56/ 55		.3	.1		.0													10	10	30	102
54/ 53		.1		.0														3	3	22	65
52/ 51																				6	52
50/ 49																				2	54
48/ 47																				2	31
46/ 45																					18
44/ 43																					8
42/ 41																					6
40/ 39																					2
38/ 37																					1
TOTAL	5.8	14.5	14.8	12.7	10.8	9.7	9.9	8.3	6.7	4.4	1.7	.5	.0	.0				2045	2045	2045	2045

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.	10575564	141914	69.4	18.864	2045							
Dry Bulb	11886983	155043	75.8	8.045	2045			649.8	482.1	241.9	12.7	744.0
Wet Bulb	9567203	139397	68.2	5.649	2045			484.6	169.9	10.6		744.0
Dew Point	8459293	130717	63.9	7.127	2045			308.9	83.3	1.8		744.0

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PSYCHROMETRIC SUMMARY

14710 LAKEHURST, NJ 73-82 AUG

STATION STATION NAME YEARS MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97											.0							1	1		
96/ 95									.0	.1								4	4		
94/ 93								.1	.2	.2								10	10		
92/ 91							.1	.4	.3	.1								19	19		
90/ 89						.1	.5	1.0	.3	.2	.0							47	47		
88/ 87						.3	1.0	.7	.8	.1		.0						63	63		
86/ 85					.5	1.2	.8	.7	.6	.2	.2	.1						91	91		
84/ 83			.0	.4	1.0	.9	.9	.9	.3	.3	.1							100	100		
82/ 81			.1	1.0	1.5	.8	1.0	.8	.4	.0								117	117	1	
80/ 79		.1	.6	1.4	1.0	1.3	1.4	1.7	.3	.1	.0							150	150	14	
78/ 77		.6	1.5	1.4	.9	.9	1.1	.6	.4	.1								156	156	76	4
76/ 75	.0	1.9	1.8	1.7	1.2	1.0	.4	.1	.2									172	173	161	43
74/ 73	.9	2.8	2.3	1.8	1.1	.7	.7	.4	.2									225	227	233	138
72/ 71	.9	3.7	2.3	1.3	1.2	.4	.5	.1	.1									213	213	273	211
70/ 69	1.1	3.0	2.0	.8	1.0	.3	.4		.0									179	179	265	290
68/ 67	1.0	2.9	1.9	.9	.3	.2	.0	.1	.0									151	151	251	210
66/ 65	.7	2.3	1.1	.9	.5	.2	.1											118	118	226	219
64/ 63	1.0	1.4	.9	.7	.1	.2	.0											91	91	181	223
62/ 61	.5	1.3	.5	.4	.1	.0	.0											60	60	130	168
60/ 59	.1	.5	.7	.1	.1	.0												34	34	97	137
58/ 57	.0	.4	.4	.1														20	20	55	113
56/ 55	.1	.2	.2	.0														12	12	40	83
54/ 53	.0	.0	.0	.1	.0													6	6	21	74
52/ 51		.0																1	1	10	55
50/ 49																				5	25
48/ 47		.0	.0															2	2	1	25
46/ 45																				1	5
44/ 43																				1	7
42/ 41																					5
40/ 39																					6
38/ 37																					1
TOTAL	6.6	21.3	16.5	13.0	10.7	8.9	9.3	7.0	4.5	1.8	.5	.1							2045		2042
																		2042		2042	

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.	11784614	150820	73.9	17.779	2042							
Dry Bulb	11399514	151818	74.2	7.936	2045			618.8	421.3	195.7	5.5	744.0
Wet Bulb	9486886	138680	67.9	5.797	2042			464.2	176.7	1.1		744.0
Dew Point	8572271	131557	64.4	6.881	2042			326.5	108.2			744.0

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PSYCHROMETRIC SUMMARY

14722 LAKEHURST, NJ 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
96/ 95									.1									1	1		
94/ 93									.1									1	1		
92/ 91							.1	.2	.1									6	6		
90/ 89						.1	.2	.1	.1	.2								12	12		
88/ 87					.1		.3	.2			.1	.1						11	11		
86/ 85					.2	.3	.3	.1		.2	.1							19	19		
84/ 83				.1	.3	.4	.4	.3	.2	.2								33	33		
82/ 81			.1	.3	.4	.4	.5	.3	.1	.2								41	41		
80/ 79			.1	.7	.3	.5	.4	.5	.4	.2								59	59	6	
78/ 77			.6	.8	1.0	.5	.7	.4	.3	.1	.1							85	85	17	1
76/ 75		.4	1.0	.7	.7	1.0	.7	.7	.3	.2								109	109	27	6
74/ 73	.1	1.2	.8	.9	1.3	1.2	.5	.4	.3									129	129	75	26
72/ 71	.2	1.2	1.5	.9	1.3	.9	.9	.3	.1	.1								142	142	86	72
70/ 69	.8	1.7	2.2	.7	1.0	.7	.6	.4	.1									159	159	124	101
68/ 67	.7	1.3	1.9	1.1	.9	1.1	.6	.4	.1									157	157	152	99
66/ 65	.8	1.8	1.5	1.6	1.3	.6	.6	.2	.1									166	166	178	132
64/ 63	.7	2.4	2.1	1.5	.7	.8	.3	.2										171	171	170	133
62/ 61	1.2	2.7	1.6	1.0	.9	.5	.4	.1										164	164	199	143
60/ 59	1.4	3.4	1.5	.7	.6	.3	.1											157	157	235	210
58/ 57	1.1	1.9	1.2	.5	.5	.2	.2											109	109	197	191
56/ 55	.4	1.4	1.1	.6	.2	.3												78	78	136	156
54/ 53	.3	1.6	.6	.6		.1												61	61	119	148
52/ 51	.3	1.0	.6	.4	.1													46	46	91	130
50/ 49	.3	.5	.3	.2	.1													27	27	68	116
48/ 47	.1	.3	.1	.1														10	10	44	86
46/ 45	.1	.4	.3	.1														14	14	24	57
44/ 43	.1	.2	.1	.1														6	6	16	54
42/ 41	.2	.1																4	4	11	46
40/ 39			.1															2	2	1	28
38/ 37		.1																1	1	3	20
36/ 35																				1	12
34/ 33																					10
32/ 31																					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

14730 LAKEHURST, NJ 73-82 SEP

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
TOTAL	8.4	23.1	18.9	13.3	11.5	9.6	7.1	4.5	2.1	1.2	.2	.1						1980	1980	1980	1980

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	11654316	147708	74.6	17.917	1980			350.5	184.0	56.7	.7	720.0
Dry Bulb	8925283	131733	66.5	9.015	1980			177.1	45.5	.4		720.0
Wet Bulb	7488454	120868	61.0	7.460	1980			110.9	25.5			720.0
Dew Point	6648811	113447	57.3	8.668	1980		1.1					720.0

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PSYCHROMETRIC SUMMARY

14786 LAKEHURST, NJ 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
86/ 85									.0									1	1		
84/ 83							.0	.0	.0	.1								5	5		
82/ 81							.1	.0	.1	.1								7	7		
80/ 79						.1	.1	.2	.0									9	9		
78/ 77					.1	.1	.2		.2		.2							17	17		
76/ 75				.1	.2	.3	.2	.2	.1	.0								24	24		
74/ 73		.0		.3	.3	.2	.2	.1	.1	.0								27	27		
72/ 71			.2	.3	.5	.3	.2	.3	.2	.0	.0							46	46	3	1
70/ 69	.1	.3	.4	.5	.1	.6	.5	.5	.2	.1	.0							73	73	18	2
68/ 67	.1	.4	.3	.4	.3	.8	.6	.6	.0									73	73	31	11
66/ 65	.3	.8	.6	.5	.6	.6	.6	.0	.2									90	90	69	29
64/ 63	.2	1.2	.7	.7	.5	.5	.5	.1	.1									94	94	55	49
62/ 61	1.1	1.6	.2	1.0	1.3	.7	.5	.2	.1									140	140	98	62
60/ 59	.6	2.2	1.1	1.0	1.1	.9	.7	.2										159	159	107	96
58/ 57	1.0	1.8	1.3	1.0	1.3	1.0	1.0	.3										177	177	143	90
56/ 55	.4	1.9	2.0	1.6	1.1	1.2	.4	.1										178	178	146	90
54/ 53	.5	1.0	1.5	1.4	.8	.9	.4											134	134	165	98
52/ 51	.3	2.0	1.7	1.7	1.4	.9	.1											164	164	140	102
50/ 49	.3	1.1	1.5	1.0	1.1	.2	.0											109	109	169	126
48/ 47	.4	1.9	1.3	1.1	.6	.3												115	115	166	143
46/ 45	.5	1.1	1.5	.7	.7	.1												97	97	171	148
44/ 43	.2	.9	1.2	.7	.3	.0												72	72	141	136
42/ 41	.3	1.3	1.2	.4	.2													68	68	115	115
40/ 39	.4	.7	.6	.3	.2													45	45	85	128
38/ 37	.3	.6	.6	.3														37	37	79	118
36/ 35	.2	.5	.3	.3														27	27	44	117
34/ 33	.2	.7	.3	.1														27	27	39	94
32/ 31	.1	.3	.2															14	14	25	94
30/ 29	.0	.2	.0															7	7	18	52
28/ 27	.1	.2	.0															7	7	10	43
26/ 25	.0																	1	1	7	37
24/ 23	.0																	1	1	1	26
22/ 21																					21
20/ 19																					14

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

14735 LAKEHURST, NJ 73-82 OCT

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
18/ 17																					3
TOTAL	3.0	22.9	18.9	15.4	13.8	9.9	6.7	3.1	1.6	.4	.3								2045		2045
																		2045		2045	

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.	10928283	144215	70.5	19.258	2045							
Dry Bulb	6463805	113031	55.3	10.288	2045		10.9	102.6	32.7	7.6		744.0
Wet Bulb	5279636	102242	50.0	9.064	2045		22.2	18.9				744.0
Dew Point	4336372	91542	44.8	10.804	2045		105.5	5.1				744.0

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PSYCHROMETRIC SUMMARY

14732 LAKEHURST, NJ 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
82/ 81								.1	.1									2	2		
80/ 79								.2										3	3		
78/ 77						.1	.1	.1										3	3		
76/ 75					.1	.1	.1	.2	.1									8	8		
74/ 73				.2	.1	.1	.1	.1	.1									12	12		
72/ 71			.1	.1	.1	.1	.2		.1	.1								12	12		
70/ 69		.1	.1		.3		.1			.1								11	11		
68/ 67		.3	.4	.4	.2	.2	.3	.2		.1								38	38	13	1
66/ 65		.4	.4	.2	.3	.4	.1	.2	.1									37	37	17	10
64/ 63	.3	.8	.4	.4	.3	.3	.2	.2										54	54	29	18
62/ 61	.4	.9	.3	.5	.4	.3	.5	.1										65	65	54	24
60/ 59	.4	1.1	.6	.3	.6	.3	.5	.2										78	78	55	51
58/ 57	.5	1.2	.8	.7	.3	.5	.6	.2										93	93	58	52
56/ 55	.5	1.6	1.0	.6	.5	.6	.4											101	101	69	45
54/ 53	.6	2.2	.8	.8	.6	.8	.3											120	120	100	83
52/ 51	.6	1.1	1.3	1.1	.9	.8	.2											115	115	oo	72
50/ 49	.7	1.5	1.0	1.5	1.4	.9	.2											139	139	109	77
48/ 47	.4	1.5	.8	1.6	1.5	.7	.1											128	128	100	71
46/ 45	.5	1.4	1.5	1.9	1.1	.6												136	136	120	89
44/ 43	.5	.8	1.4	2.1	1.1	.3												121	121	128	72
42/ 41	.4	1.1	1.6	1.9	.8	.1												116	116	131	74
40/ 39	.3	.9	2.4	1.4	.8	.1												116	116	147	96
38/ 37	.2	1.1	1.8	1.8	.4													104	104	144	74
36/ 35	.2	1.7	1.9	1.2	.2													102	102	130	93
34/ 33	.3	1.1	1.8	.8														78	78	117	138
32/ 31	.4	1.1	1.6	.4	.1													69	69	125	141
30/ 29	.3	1.2	.6	.3														47	47	89	151
28/ 27	.2	.8	.4	.1														28	28	65	118
26/ 25	.1	.5	.1	.1														16	16	35	89
24/ 23	.2	.4	.1															13	13	21	99
22/ 21	.1	.2	.1															6	6	9	83
20/ 19	.1	.1	.1															4	4	8	63
18/ 17	.2																	3	3	4	44
16/ 15		.1																2	2	2	28

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

14[illegible] LAKEHURST, NJ 73-82 NOV

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
14/ 13																				2	5
12/ 11																					5
10/ 9																					6
8/ 7																					6
6/ 5																					3
2/ 1																					1
TOTAL	7.8	24.8	23.2	20.1	11.8	6.8	3.5	1.5	.3	.2								1980	1980		1980
																				1980	

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.	12356282	138530	70.0	18.318	1980							
Dry Bulb	4657917	93455	47.2	11.167	1980		68.4	32.4	10.2	1.1		720.0
Wet Bulb	3529846	84596	42.7	10.434	1980		130.9	4.7				720.0
Dew Point	3019633	73249	37.0	12.512	1980		305.5	.4				720.0

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PSYCHROMETRIC SUMMARY

14732 LAKEHURST, NJ 73-92 DEC

STATION STATION NAME YEARS MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
79/ 77							.0											1	1		
76/ 71					.0													1	1		
70/ 69				.0	.1													4	4		
68/ 67			.0	.0	.1		.1	.0										7	7		
66/ 65			.1	.1		.0	.0											8	8	2	
64/ 63	.0	.5	.1	.2	.1	.1		.0										20	20	6	2
62/ 61	.0	.1	.2	.2	.0	.1		.0										17	17	13	6
60/ 59	.2	.2	.1	.1	.2	.1												18	18	11	12
58/ 57	.3	.7	.3	.0	.1	.3												27	27	17	11
56/ 55	.1	.7	.4	.2	.1	.4	.0											41	41	33	20
54/ 53	.1	.9	.5	.1	.1	.1	.0											40	40	31	32
52/ 51	.2	1.0	.6	.3	.5	.4	.0											64	64	44	29
50/ 49	.3	.6	.4	.7	.3	.2	.2											59	59	48	38
48/ 47	.2	1.1	.5	.7	.6	.2	.0											71	71	36	39
46/ 45	.1	1.5	1.3	.9	.9	.4												98	98	56	27
44/ 43	.6	1.7	1.6	1.9	1.1	.3												146	146	93	56
42/ 41	.5	1.4	1.8	1.8	.9	.1												134	134	92	54
40/ 39	.5	1.7	2.2	1.2	1.1	.1												139	139	123	67
38/ 37	.4	2.0	2.4	2.1	.8													157	157	150	73
36/ 35	.3	2.2	2.7	1.7	.2	.0												146	146	160	89
34/ 33	.3	1.7	2.3	1.6	.2													123	123	152	106
32/ 31	.2	1.8	2.9	1.2	.3													130	130	161	119
30/ 29	.1	1.5	2.4	.8	.0													100	100	128	115
28/ 27	.8	2.1	2.7	.4														106	106	144	127
26/ 25	.9	1.7	1.4	.4														90	90	142	127
24/ 23	.3	1.5	2.1	.2														84	84	88	137
22/ 21	.3	.9	1.2	.1														53	53	78	119
20/ 19	.2	.9	1.0															43	43	62	104
18/ 17	.2	.5	.5															26	26	46	109
16/ 15	.2	.6	.3															24	24	33	37
14/ 13		.6	.1															15	15	31	50
12/ 11		.3																7	7	13	63
10/ 9	.1	.2																7	7	9	56
8/ 7		.4																8	8	6	47

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

147 LAKEHURST, NJ 73-82 DEC
STATION STATION NAME YEARS 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
5/ 5		.2																4	4	7	37
4/ 3		.2																4	4	1	27
2/ 1		.1																2	2	4	17
1/- 1																				2	12
- 2/- 3																					12
-4 /- 5																					7
- 6/- 7																					1
- 8/- 9																					2
-10/-11																					1
-12/-13																					1
-14/-15																					1
-16/-17																					4
TOTAL	7.6	31.7	31.6	17.2	8.3	2.9	.6	.1										2024	2024	2024	2024

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.	10334078	140386	69.4	17.175	2024							
Dry Bulb	3045205	74989	37.0	11.485	2024		258.4	4.8	.4			744.0
Wet Bulb	2520983	67941	33.6	10.897	2024	.7	351.8					744.0
Dew Point	1458492	55060	27.2	13.352	2024	12.9	502.9					744.0

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PSYCHROMETRIC SUMMARY

1679? STATION	LAKEHURST, NJ STATION NAME	73-82 YEARS	ALL 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
103/ 99										.0		.0		.0				3	3		
98/ 97									.0	.0	.0	.0						9	9		
96/ 95								.0	.0	.0		.0						13	13		
94/ 93					.0		.0	.0	.0	.0	.0	.0						31	31		
92/ 91						.0	.0	.1	.1	.0	.0	.0	.0	.0				73	73		
90/ 89				.0		.0	.1	.2	.1	.1	.0	.0	.0	.0				153	153		
88/ 87			.0		.0	.1	.2	.2	.1	.1	.0	.0		.0				190	190		
86/ 85				.0	.1	.2	.2	.2	.2	.1	.1	.0		.0				280	280	1	
84/ 83			.0	.1	.2	.3	.3	.3	.2	.2	.0	.0						378	378	2	2
82/ 81		.0	.0	.1	.3	.3	.3	.2	.2	.1	.0	.0	.0		.0			426	426	16	2
80/ 79	.0	.0	.1	.3	.3	.4	.3	.3	.2	.1	.1	.0	.0					530	530	57	2
78/ 77	.0	.1	.3	.4	.5	.3	.4	.3	.2	.1	.1		.0					644	644	155	22
76/ 75	.0	.3	.5	.5	.4	.4	.3	.3	.2	.1	.0	.0	.0					748	749	356	95
74/ 73	.1	.6	.6	.6	.4	.4	.3	.2	.2	.1	.0	.0						842	844	627	276
72/ 71	.2	.7	.7	.5	.4	.3	.3	.2	.1	.1	.0							848	848	812	497
70/ 69	.3	.9	.8	.4	.4	.4	.3	.2	.1	.1	.0							944	944	967	780
68/ 67	.4	.8	.7	.5	.4	.3	.3	.2	.1	.1	.0	.0						920	920	1025	781
66/ 65	.4	.7	.6	.5	.4	.3	.3	.2	.1	.0	.0							878	878	1050	893
64/ 63	.4	.9	.6	.6	.3	.3	.3	.1	.1	.0								916	916	948	880
62/ 61	.5	.9	.5	.5	.5	.3	.3	.2	.1	.0	.0							892	892	1020	847
60/ 59	.4	1.1	.7	.5	.4	.3	.3	.2	.1	.0								958	958	1034	961
58/ 57	.4	1.0	.6	.4	.4	.3	.3	.2	.0	.0								918	918	967	929
56/ 55	.3	1.0	.6	.6	.4	.4	.3	.1	.0									890	890	951	893
54/ 53	.3	.9	.6	.5	.3	.4	.2	.1	.0									800	800	968	949
52/ 51	.3	.8	.6	.5	.5	.4	.2	.1	.0									785	785	860	834
50/ 49	.3	.6	.6	.5	.6	.3	.2	.0										744	744	856	803
48/ 47	.3	.8	.5	.6	.6	.4	.1	.0										790	790	783	766
46/ 45	.2	.8	.7	.6	.6	.3	.1	.0										806	806	857	735
44/ 43	.3	.7	.7	.8	.6	.2	.0											777	777	860	723
42/ 41	.3	.6	.7	.7	.5	.1	.0											712	712	853	683
40/ 39	.3	.7	.8	.7	.5	.1												759	759	887	726
38/ 37	.2	.7	.8	.8	.3	.0												687	687	868	678
36/ 35	.2	.7	1.0	.7	.3	.0												682	682	794	688
34/ 33	.2	.8	1.0	.6	.1	.0												639	639	811	762

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

14740 LAKEHURST, NJ 73-82 ALL

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
32/ 31	.2	.7	.9	.5	.1													564	564	798	838
30/ 29	.1	.8	.8	.3	.1													486	486	655	756
28/ 27	.2	.7	.8	.3	.0													471	471	623	749
26/ 25	.2	.5	.7	.2	.0													375	375	562	689
24/ 23	.1	.6	.7	.1	.0													357	357	422	736
22/ 21	.1	.5	.5	.0														283	283	368	633
20/ 19	.1	.4	.4	.0														226	226	335	582
18/ 17	.1	.3	.2	.0														163	163	248	483
16/ 15	.1	.3	.2	.0														138	138	196	448
14/ 13	.1	.2	.1															103	103	151	360
12/ 11	.0	.2	.1															71	71	89	317
10/ 9	.1	.2	.1															68	68	93	291
8/ 7	.0	.1	.0															33	33	50	239
6/ 5	.0	.1	.0															32	32	38	193
4/ 3		.1																16	16	23	127
2/ 1		.0																7	7	15	97
0/- 1	.0	.0																10	10	12	81
- 2/- 3	.0	.0																3	3	7	50
-4 /- 5	.0																	1	1	2	44
- 6/- 7		.0																1	1	1	25
- 8/- 9		.0																1	1		25
-10/-11																				1	25
-12/-13																					21
-14/-15																					13
-16/-17																					7
-18/-19																					3
-20/-21																					4
-22/-23																					4
-24/-25																					1
-28/-29																					1
-30/-31																					5
TOTAL	7.5	22.9	20.5	15.0	10.9	7.8	6.0	4.2	2.7	1.6	.6	.2	.0	.0	.0				24077		24074
																		24074		24074	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	120913121	1637217	68.0	19.938	24074
Dry Bulb	78774562	1303358	54.1	18.477	24077
Wet Bulb	63483211	1169643	48.6	16.627	24074
Dew Point	52399139	1025485	42.6	19.028	24074

Mean No. of Hours with Temperature						
	≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5.8	1240.2	2558.9	1572.6	679.0	20.4	8760.0
Dry Bulb	8.3	1706.1	1462.3	441.9	13.9		8760.0
Wet Bulb	112.3	2855.5	894.4	231.2	2.2		8760.0
Dew Point							

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14792 (STATION) LAKEHURST, NJ (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	33.1	29.9	38.6	46.0	54.2	64.0	68.4	68.0	60.5	50.4	44.6	35.9	49.7
	S. D.	10.781	10.326	8.714	9.781	7.169	5.659	5.249	4.617	7.551	8.647	11.158	10.758	15.595
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	86	1088
04	MEAN	31.8	29.0	37.3	44.6	52.8	62.4	66.6	66.6	59.2	48.8	42.8	35.4	48.3
	S. D.	10.482	10.744	9.001	9.975	7.550	6.012	5.732	4.986	7.941	9.292	11.010	10.498	15.529
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	85	1087
07	MEAN	25.6	26.5	36.1	46.6	56.9	65.0	69.7	67.9	59.9	47.8	40.9	31.8	48.0
	S. D.	12.473	12.660	10.275	8.854	6.658	5.965	5.115	5.662	7.613	9.722	10.872	12.161	17.888
	TOTAL OBS	311	282	310	300	310	300	310	310	300	309	300	310	3652
10	MEAN	30.3	33.1	43.6	54.9	64.8	72.7	78.2	76.9	69.2	58.0	48.6	37.4	55.7
	S. D.	11.552	12.126	10.809	10.635	8.674	7.390	5.878	6.125	7.126	8.542	10.086	10.780	18.810
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	34.4	37.7	48.0	58.7	68.8	76.2	82.2	80.9	73.0	62.1	53.0	41.7	59.8
	S. D.	11.557	12.466	11.243	11.620	9.925	8.368	6.751	6.857	7.899	9.286	10.687	11.031	18.955
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	34.6	38.4	48.7	58.9	68.5	75.7	81.8	80.0	72.6	61.6	52.1	41.0	59.6
	S. D.	11.344	12.103	10.767	11.004	9.943	8.387	7.189	6.987	7.853	8.730	10.288	10.640	18.577
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	30.6	33.9	43.7	53.5	62.8	70.8	77.1	74.3	66.3	54.7	46.4	36.5	54.3
	S. D.	11.572	11.085	9.090	9.490	8.308	7.194	6.149	5.767	6.768	7.791	9.614	10.460	17.790
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650
22	MEAN	28.2	31.1	40.1	48.9	57.5	64.8	70.9	69.6	62.2	50.9	44.1	34.6	50.4
	S. D.	11.890	11.500	9.130	8.979	7.068	6.209	5.205	5.312	6.822	8.500	10.081	11.148	16.747
	TOTAL OBS	310	281	310	300	310	300	309	309	300	310	300	304	3643
ALL HOURS	MEAN	30.8	33.1	42.9	52.8	62.3	70.2	75.8	74.2	66.5	55.3	47.2	37.0	54.1
	S. D.	12.029	12.517	11.044	11.273	9.952	8.692	8.045	7.937	9.015	10.289	11.167	11.486	18.478
	TOTAL OBS	2048	1858	2046	1980	2046	1980	2045	2045	1980	2045	1980	2024	24077

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14735 LAKEHURST, NJ 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	30.7	27.4	35.4	42.0	51.4	61.9	65.8	65.7	58.4	47.8	41.4	33.9	47.0
	S. D.	10.406	9.919	8.830	9.484	7.413	5.736	5.425	4.883	7.987	8.979	10.638	10.622	15.676
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	86	1088
04	MEAN	29.8	26.8	34.5	41.3	50.6	61.0	64.8	64.9	57.6	46.7	40.3	33.5	46.2
	S. D.	10.190	10.341	9.133	9.816	7.850	6.107	5.832	5.376	8.419	9.493	10.551	10.209	15.737
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	85	1087
07	MEAN	23.9	24.5	33.5	42.4	53.4	61.6	66.7	66.1	58.2	45.9	38.9	29.9	45.5
	S. D.	12.158	12.031	10.080	8.815	7.207	6.337	5.444	5.999	7.680	9.768	10.830	11.832	17.640
	TOTAL OBS	311	282	310	300	310	300	310	310	300	309	300	310	3652
10	MEAN	27.7	29.4	38.2	46.3	56.5	64.2	69.0	69.2	62.6	51.8	43.9	34.0	49.5
	S. D.	11.233	11.219	9.863	8.872	7.598	6.698	5.416	5.760	7.129	8.608	10.005	10.504	16.882
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	30.2	32.2	40.6	48.0	57.8	65.0	69.9	70.0	63.5	53.2	46.0	36.4	51.2
	S. D.	10.711	10.694	9.440	8.759	7.667	6.578	5.504	5.551	6.884	8.334	9.836	10.272	16.143
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	30.3	32.6	41.0	48.3	57.8	64.8	69.9	69.7	63.5	53.0	45.4	36.0	51.1
	S. D.	10.555	10.318	8.827	8.390	7.479	6.405	5.332	5.368	6.619	7.913	9.724	10.092	15.940
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
19	MEAN	27.6	29.8	38.3	45.7	55.5	63.1	68.8	68.1	61.2	49.9	42.3	33.1	48.7
	S. D.	11.240	10.279	8.653	8.232	7.072	6.196	5.161	5.190	6.759	8.121	9.937	10.500	16.382
	TOTAL OBS	310	291	310	300	310	300	310	309	300	310	300	309	3649
22	MEAN	25.8	27.9	36.2	43.2	53.2	60.7	66.5	66.0	59.1	47.7	40.9	31.9	46.7
	S. D.	11.529	10.849	9.048	8.466	7.146	6.423	5.535	5.523	7.072	8.734	10.313	11.055	16.389
	TOTAL OBS	310	281	310	300	310	300	309	308	300	310	300	304	3642
ALL HOURS	MEAN	27.8	29.2	37.7	45.3	55.3	63.1	68.2	67.9	61.0	50.0	42.7	33.6	48.6
	S. D.	11.386	11.156	9.643	9.002	7.713	6.589	5.649	5.798	7.460	9.064	10.434	10.898	16.628
	TOTAL OBS	2048	1858	2046	1980	2046	1980	2045	2042	1980	2045	1980	2024	24074

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MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14730 LAKEHURST, NJ 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	25.8	20.8	29.7	36.8	48.9	60.6	64.2	64.4	56.8	45.1	37.3	30.0	43.6
	S. D.	12.360	12.439	12.085	11.805	8.793	6.392	6.469	5.401	8.881	10.595	11.841	12.219	17.985
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	86	1088
04	MEAN	25.3	21.2	29.4	37.0	48.6	60.2	63.7	64.0	56.5	44.3	37.0	29.8	43.3
	S. D.	12.118	12.575	11.947	11.797	9.146	6.474	6.287	5.907	9.125	10.915	11.539	11.482	17.864
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	85	1087
07	MEAN	18.6	19.1	28.6	36.9	50.1	59.2	64.9	65.0	57.1	43.9	36.0	25.6	42.2
	S. D.	15.084	13.859	12.320	11.473	9.354	7.666	6.501	6.693	8.214	10.734	12.267	13.718	19.740
	TOTAL OBS	311	282	310	300	310	300	310	310	300	309	300	310	3652
10	MEAN	20.9	21.5	29.7	36.0	49.4	58.5	64.0	65.0	58.1	45.7	38.1	28.0	43.0
	S. D.	14.632	13.770	13.030	12.237	10.794	8.934	7.323	7.372	9.064	11.148	12.516	12.961	19.172
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	21.2	21.9	29.9	35.7	48.8	57.8	63.1	64.0	57.1	44.8	37.7	27.8	42.6
	S. D.	14.402	13.260	13.013	12.390	10.862	8.901	7.771	7.511	9.180	11.182	12.727	13.325	18.844
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	21.1	21.7	30.1	36.1	49.0	57.8	63.4	64.2	57.4	44.9	37.3	27.3	42.6
	S. D.	14.372	13.170	12.489	12.566	10.839	8.796	7.654	7.251	8.775	10.942	12.836	13.467	18.891
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
19	MEAN	20.3	21.0	29.8	36.1	49.2	58.0	64.2	64.6	57.7	45.1	36.6	26.6	42.5
	S. D.	14.648	13.193	12.480	12.286	9.819	8.290	6.895	6.563	8.311	10.438	12.638	13.590	19.107
	TOTAL OBS	310	281	310	300	310	300	310	309	300	310	300	309	3649
22	MEAN	19.3	20.7	29.5	35.7	49.3	57.6	63.9	64.0	56.8	44.2	36.2	26.4	42.1
	S. D.	14.531	13.350	12.227	11.881	9.397	8.005	6.890	6.475	8.234	10.411	12.558	13.635	19.032
	TOTAL OBS	310	281	310	300	310	300	309	308	300	310	300	304	3642
ALL HOURS	MEAN	20.7	21.0	29.6	36.2	49.3	58.4	63.9	64.4	57.3	44.8	37.0	27.2	42.6
	S. D.	14.500	13.360	12.533	12.101	10.086	8.311	7.127	6.881	8.668	10.804	12.512	13.352	19.028
	TOTAL OBS	2048	1858	2046	1980	2046	1980	2045	2042	1980	2045	1980	2024	24074

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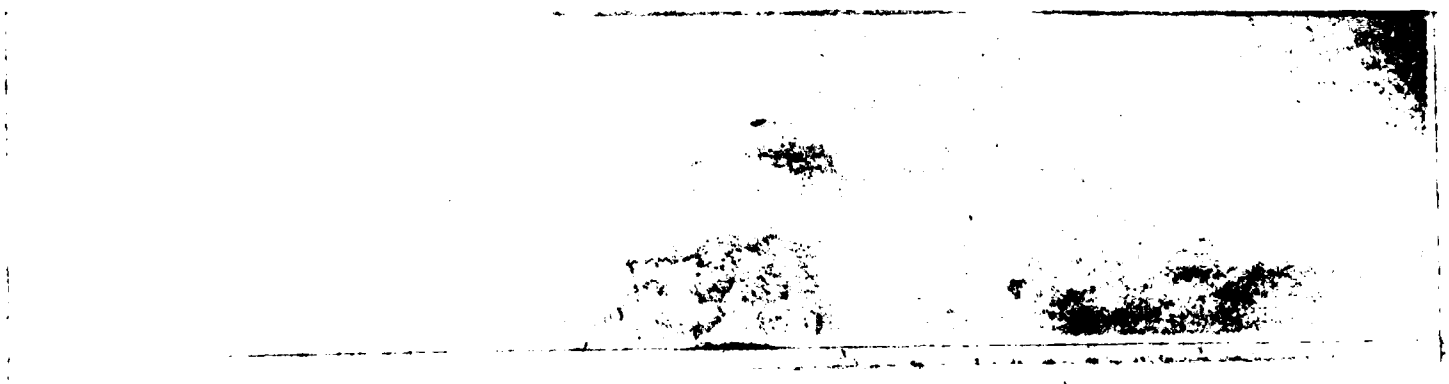
RELATIVE HUMIDITY

14780	LAKEHURST, NJ	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	95.7	81.7	63.4	37.6	15.1	75.2	93
	04	100.0	100.0	100.0	100.0	96.8	86.0	67.7	47.3	21.5	77.4	93
	07	100.0	100.0	99.0	96.5	92.6	81.4	64.6	44.7	24.4	76.1	311
	10	100.0	100.0	98.7	95.5	88.1	66.6	46.0	29.9	15.1	69.6	311
	13	100.0	100.0	94.8	88.1	68.4	41.3	28.1	20.3	9.4	60.8	310
	16	100.0	100.0	95.5	86.8	65.5	43.2	28.1	16.8	7.7	59.9	310
	19	100.0	100.0	99.0	95.8	85.5	64.2	37.7	22.3	10.3	66.7	310
	22	100.0	100.0	99.4	96.1	88.1	73.5	51.9	29.4	13.2	70.5	310
TOTALS		100.0	100.0	98.3	94.9	85.1	67.2	48.4	31.0	14.6	69.5	2048

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RELATIVE HUMIDITY

14780 LAKEHURST, NJ 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	98.8	85.7	67.9	51.2	26.2	10.7	69.9	84
	04	100.0	100.0	100.0	98.8	91.7	77.4	64.3	34.5	14.3	73.5	84
	07	100.0	100.0	100.0	98.9	94.0	82.6	62.1	40.4	14.9	74.8	282
	10	100.0	100.0	98.9	92.6	77.3	50.0	32.6	21.6	11.3	64.4	282
	13	100.0	99.6	93.6	78.4	53.9	34.4	22.0	12.8	6.0	55.4	282
	16	100.0	99.6	91.5	72.7	47.9	30.9	22.0	13.8	5.3	54.0	282
	19	100.0	99.6	98.6	90.7	69.0	44.5	29.2	15.7	8.2	61.0	281
	22	100.0	100.0	99.6	97.2	83.6	60.5	39.5	24.2	10.3	67.0	231
TOTALS		100.0	99.9	97.8	91.0	75.4	56.0	40.4	23.7	10.1	65.0	1958

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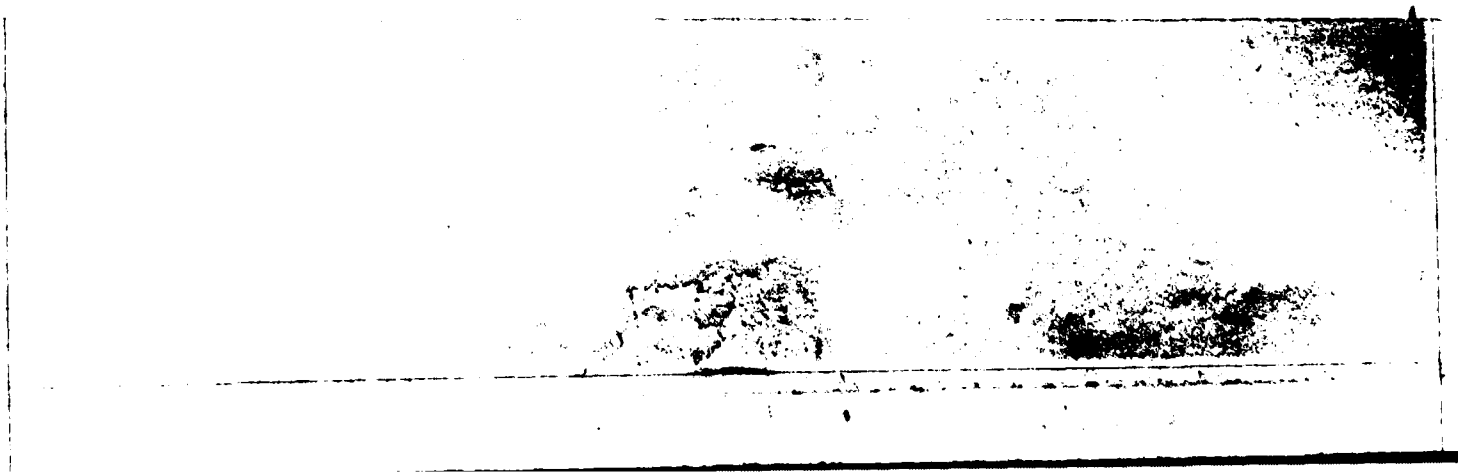
RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
14780	LAKEHURST, NJ	73-82	MAR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	01	100.0	100.0	100.0	97.8	89.2	68.8	53.8	35.5	17.2	71.7	93
	04	100.0	100.0	100.0	97.8	94.6	78.5	54.8	40.9	23.7	74.5	93
	07	100.0	100.0	100.0	98.4	93.5	81.6	62.3	39.4	21.9	75.7	310
	10	100.0	99.7	97.4	87.7	61.6	40.6	27.4	20.0	12.9	60.7	310
	13	100.0	97.7	87.4	66.8	44.5	31.9	23.9	15.8	8.4	53.5	310
	16	100.0	97.4	86.8	61.0	44.8	30.3	23.5	17.1	8.1	52.9	310
	19	100.0	99.7	96.5	83.9	63.9	45.2	31.9	21.9	10.0	61.1	310
	22	100.0	100.0	99.0	94.5	80.6	61.6	42.9	28.7	13.2	67.9	310
TOTALS		100.0	99.3	95.9	86.0	71.6	54.8	40.1	27.4	14.4	64.8	2046

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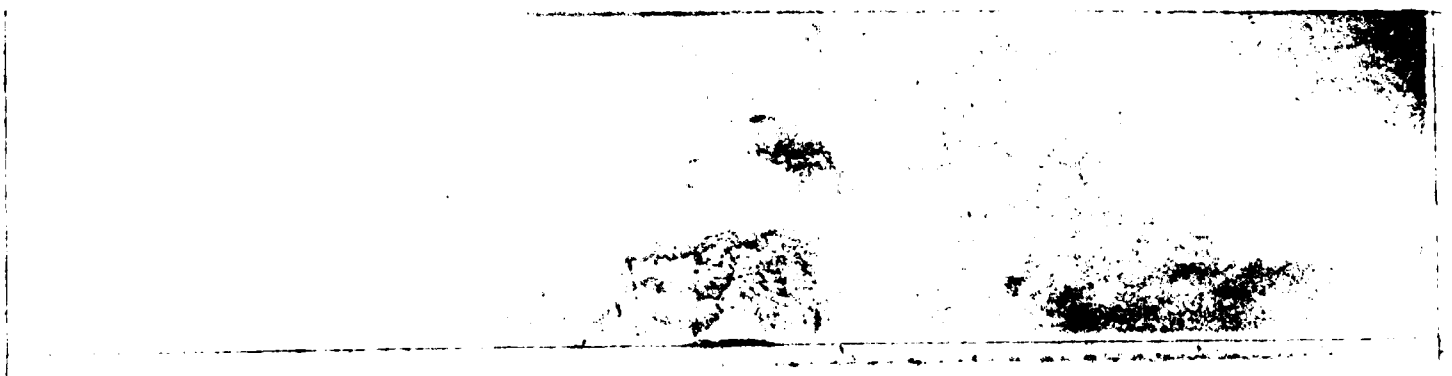
RELATIVE HUMIDITY

14780	LAKEHURST, NJ	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	100.0	97.8	94.4	67.8	45.6	31.1	17.8	71.7	90
	04	100.0	100.0	100.0	100.0	100.0	83.3	56.7	36.7	22.2	75.6	90
	07	100.0	100.0	100.0	96.3	86.7	70.7	50.7	31.0	17.3	71.0	300
	10	100.0	99.0	91.3	70.7	42.7	26.3	18.7	13.0	9.0	52.6	300
	13	100.0	96.0	73.0	49.3	31.0	22.3	17.7	12.0	6.7	46.7	300
	16	100.0	94.3	72.0	51.0	33.3	25.0	19.7	14.3	7.3	47.4	300
	19	100.0	99.0	89.0	69.3	52.3	36.7	25.3	18.3	10.0	55.6	300
	22	100.0	99.7	97.0	87.0	69.7	51.7	37.0	20.3	9.7	63.2	300
TOTALS		100.0	98.5	90.3	77.7	63.8	48.0	33.9	22.1	12.5	60.5	1980

NAVWEASERVCOM



RELATIVE HUMIDITY

14780	LAKEHURST, NJ	73-82	MAY
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	100.0	100.0	97.8	95.7	81.7	60.2	32.3	83.3	93
	04	100.0	100.0	100.0	100.0	97.8	97.8	90.3	71.0	38.7	86.4	93
	07	100.0	100.0	100.0	99.0	94.5	84.2	69.4	52.6	30.6	79.6	310
	10	100.0	99.7	95.8	81.6	63.2	46.5	33.2	22.3	10.0	60.8	310
	13	100.0	98.4	87.7	66.8	45.5	30.6	21.9	12.3	6.1	52.6	310
	16	100.0	98.1	86.5	67.4	48.7	37.1	23.9	14.5	6.1	54.0	310
	19	100.0	99.7	97.4	85.5	70.6	53.9	41.0	27.1	12.3	64.5	310
	22	100.0	100.0	99.0	97.7	90.3	79.4	62.9	47.7	21.9	76.0	310
TOTALS		100.0	99.5	95.8	87.3	76.1	65.7	53.0	38.5	19.8	69.7	2046

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RELATIVE HUMIDITY

14790	LAKEHURST, NJ	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	100.0	100.0	100.0	100.0	98.9	93.3	82.2	50.0	89.2	90
	04	100.0	100.0	100.0	100.0	100.0	100.0	98.9	93.3	66.7	92.9	90
	07	100.0	100.0	100.0	100.0	99.3	95.0	79.7	60.0	32.0	82.5	300
	10	100.0	100.0	99.7	95.0	74.7	51.7	29.3	19.7	8.3	63.2	300
	13	100.0	100.0	97.7	77.0	56.0	32.7	21.7	11.3	3.3	55.4	300
	16	100.0	100.0	97.3	78.0	54.7	37.0	21.7	13.3	4.7	56.6	300
	19	100.0	100.0	99.7	93.3	78.7	57.3	39.0	26.0	9.7	66.1	300
	22	100.0	100.0	100.0	99.7	97.7	90.3	70.3	45.3	25.0	78.7	300
TOTALS		100.0	100.0	99.3	92.9	82.6	73.4	56.7	43.9	25.0	73.1	1980

NAVWEASERVCOM

RELATIVE HUMIDITY

14786	LAKEHURST, NJ	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	100.0	100.0	98.9	98.9	94.6	77.4	35.5	96.9	93
	04	100.0	100.0	100.0	100.0	100.0	98.9	97.8	93.5	50.5	90.8	93
	07	100.0	100.0	100.0	100.0	99.7	98.7	88.4	67.4	36.8	85.5	310
	10	100.0	100.0	100.0	95.8	80.0	53.5	29.4	12.9	2.9	63.2	310
	13	100.0	100.0	99.7	81.6	54.2	29.7	13.2	8.1	3.2	54.4	310
	16	100.0	100.0	98.4	80.3	56.1	31.6	19.4	11.9	5.8	56.1	310
	19	100.0	100.0	100.0	98.1	82.6	62.3	38.1	21.6	6.8	66.3	310
	22	100.0	100.0	100.0	100.0	98.4	90.9	75.1	49.2	20.7	79.3	309
TOTALS		100.0	100.0	99.8	94.5	83.7	70.6	57.0	42.8	20.3	72.8	2045

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RELATIVE HUMIDITY

14780	LAKEHURST, NJ	73-82	AUG
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	97.8	82.8	44.1	88.4	93
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.7	57.0	91.7	93
	07	100.0	100.0	100.0	100.0	100.0	99.4	97.1	87.1	56.1	90.8	310
	10	100.0	100.0	100.0	99.4	89.7	65.8	42.9	20.0	6.1	67.9	310
	13	100.0	100.0	99.7	92.9	65.8	36.8	18.7	11.3	4.2	58.2	310
	16	100.0	100.0	99.4	91.9	71.2	41.4	24.9	16.8	6.5	60.6	309
	19	100.0	100.0	100.0	100.0	94.8	79.9	55.3	30.4	10.4	72.9	309
	22	100.0	100.0	100.0	100.0	99.7	97.4	89.0	61.7	23.4	83.0	308
TOTALS		100.0	100.0	99.9	98.0	90.2	77.6	65.7	50.7	26.0	76.7	2042

NAVWEASERVCOM

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RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	LAKEHURST, NJ	73-92	SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	100.0	100.0	100.0	97.8	96.7	77.8	45.6	88.2	90
	04	100.0	100.0	100.0	100.0	100.0	100.0	96.7	86.7	55.6	90.9	90
	07	100.0	100.0	100.0	100.0	100.0	99.7	96.3	87.7	59.7	91.1	300
	10	100.0	100.0	100.0	99.0	91.7	65.7	42.7	26.3	9.7	69.3	300
	13	100.0	100.0	99.7	89.0	65.0	41.0	24.7	14.7	3.7	59.4	300
	16	100.0	100.0	98.7	90.7	71.0	46.7	26.0	15.7	4.3	60.8	300
	19	100.0	100.0	100.0	99.3	96.3	85.3	64.0	38.7	10.0	74.9	300
	22	100.0	100.0	100.0	100.0	99.3	97.3	85.7	63.3	23.7	83.1	300
TOTALS		100.0	100.0	99.8	97.3	90.4	79.2	66.6	51.4	26.5	77.2	1980

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RELATIVE HUMIDITY

13780 LAKEHURST, NJ 73-92 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	100.0	100.0	100.0	92.5	81.7	58.1	32.3	82.6	93
	04	100.0	100.0	100.0	98.9	98.9	96.8	87.1	66.7	39.8	85.3	93
	07	100.0	100.0	100.0	100.0	99.4	97.7	89.6	73.8	43.4	87.1	309
	10	100.0	100.0	100.0	97.4	81.6	53.5	34.2	20.3	12.3	65.4	310
	13	100.0	100.0	98.1	79.0	51.3	29.7	20.3	12.6	6.1	55.4	310
	16	100.0	100.0	96.5	82.6	55.5	36.1	22.3	15.5	6.1	57.1	310
	19	100.0	100.0	99.7	98.1	91.6	75.2	51.9	27.7	12.9	71.4	310
	22	100.0	100.0	100.0	100.0	97.4	89.7	73.5	45.5	21.3	78.8	310
TOTALS		100.0	100.0	99.3	94.5	84.5	71.4	57.6	40.0	21.8	72.9	2045

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RELATIVE HUMIDITY

1474?	LAKEHURST, NJ	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	100.0	98.9	94.4	86.7	66.7	36.7	18.9	76.5	90
	04	100.0	100.0	100.0	100.0	97.8	92.2	75.6	56.7	21.1	80.6	90
	07	100.0	100.0	100.0	100.0	99.0	95.0	84.0	61.7	34.3	83.3	300
	10	100.0	100.0	100.0	98.0	85.3	61.3	43.3	26.0	12.3	68.7	300
	13	100.0	100.0	98.7	85.3	56.7	37.3	22.7	14.0	9.7	58.4	300
	16	100.0	100.0	99.0	85.7	62.7	37.0	26.7	16.3	9.0	59.3	300
	19	100.0	100.0	100.0	98.3	88.7	68.3	43.3	27.0	13.7	70.1	300
	22	100.0	100.0	100.0	99.3	94.7	82.7	58.7	35.3	16.3	74.8	300
TOTALS		100.0	100.0	99.7	95.7	84.9	70.1	52.6	34.5	16.9	71.5	1980

NAVWEASERVCOM

RELATIVE HUMIDITY

14786 LAKEHURST, NJ 73-82 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	100.0	91.9	75.6	50.0	18.6	79.4	96
	04	100.0	100.0	100.0	100.0	100.0	94.1	81.2	55.3	20.0	80.5	85
	07	100.0	100.0	100.0	100.0	97.1	89.4	72.6	49.4	19.4	78.3	310
	10	100.0	100.0	100.0	98.4	90.0	71.3	44.5	28.1	11.9	70.0	310
	13	100.0	100.0	99.0	87.4	64.8	41.3	25.8	19.0	6.5	60.1	310
	16	100.0	100.0	99.0	89.0	61.0	42.6	28.7	16.5	7.7	60.2	310
	19	100.0	100.0	100.0	97.4	86.7	67.0	43.0	25.6	12.3	68.6	309
	22	100.0	100.0	100.0	99.0	93.8	78.6	54.9	31.6	15.5	73.0	304
TOTALS		100.0	100.0	99.8	96.4	86.7	72.0	53.3	34.4	14.0	71.3	2024

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RELATIVE HUMIDITY

14780	LAKEHURST, NJ	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	98.3	94.9	85.1	67.2	48.4	31.0	14.6	69.5	2048
FEB		100.0	99.9	97.8	91.0	75.4	56.0	40.4	23.7	10.1	65.0	1858
MAR		100.0	99.3	95.9	86.0	71.6	54.8	40.1	27.4	14.4	64.8	2046
APR		100.0	98.5	90.3	77.7	63.8	48.0	33.9	22.1	12.5	60.5	1980
MAY		100.0	99.5	95.8	87.3	76.1	65.7	53.0	38.5	19.8	69.7	2046
JUN		100.0	100.0	99.3	92.9	82.6	70.4	56.7	43.9	25.0	73.1	1980
JUL		100.0	100.0	99.8	94.5	83.7	70.6	57.0	42.8	20.3	72.8	2045
AUG		100.0	100.0	99.9	98.0	90.2	77.6	65.7	50.7	26.0	76.7	2042
SEP		100.0	100.0	99.8	97.3	90.4	79.2	66.6	51.4	26.5	77.2	1980
OCT		100.0	100.0	99.3	94.5	84.5	71.4	57.6	40.0	21.8	72.9	2045
NOV		100.0	100.0	99.7	95.7	84.9	70.1	52.6	34.5	16.9	71.5	1980
DEC		100.0	100.0	99.8	96.4	86.7	72.0	53.3	34.4	14.0	71.3	2024
TOTALS		100.0	99.8	98.0	92.2	81.3	66.9	52.1	36.7	18.5	70.4	24074

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14734 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (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											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71					50.0		50.0			2	.1
62 TO 66					7.7	38.5	46.2	7.7		13	.6
57 TO 61					43.8	28.1	25.0	3.1		32	1.6
52 TO 56	4.5	1.5	1.5	12.1	34.8	22.7	16.7	6.1		66	3.2
47 TO 51	8.4	4.8	3.6	13.3	13.3	13.3	21.7	14.5	7.2	83	4.1
42 TO 46	12.7	3.6	11.4	5.4	12.0	9.0	19.3	18.1	8.4	166	8.1
37 TO 41	9.4	6.7	8.2	4.7	5.1	7.8	22.7	22.7	12.5	255	12.5
32 TO 36	7.8	5.5	6.9	3.4	4.3	8.0	25.3	25.0	13.8	348	17.0
27 TO 31	7.6	9.4	7.6	2.1	2.4	4.7	18.5	27.1	20.6	340	16.6
22 TO 26	10.3	6.6	5.6	1.0	1.7	3.7	26.2	26.6	18.3	301	14.7
17 TO 21	15.1	1.5	1.0		2.4	2.9	22.9	30.7	23.4	205	10.0
12 TO 16	13.0	4.3	1.4		.7	2.9	29.7	29.7	18.1	138	6.7
7 TO 11	4.9	1.6	1.6	3.3		3.3	29.5	29.5	26.2	61	3.0
2 TO 6						4.2	50.0	20.8	25.0	24	1.2
-3 TO 1							41.7	50.0	8.3	12	.6
-8 TO -4									100.0	1	.0
-13 TO -9						100.0				1	.0
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.3	5.3	5.7	3.1	5.7	7.0	23.8	24.3	15.7	2049	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14738 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) FEBRUARY (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											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76						50.0	50.0			2	.1
67 TO 71					25.0	50.0	25.0			4	.2
62 TO 66					10.0	25.0	45.0	20.0		20	1.1
57 TO 61	2.0	4.1	2.0		22.4	30.6	30.6	6.1	2.0	49	2.6
52 TO 56	2.7	2.7	2.7	22.7	18.7	22.7	16.0	6.7	5.3	75	4.0
47 TO 51	8.4	4.6	6.9	3.8	13.7	18.3	27.5	14.5	2.3	131	7.1
42 TO 46	6.2	5.1	10.2	6.8	13.6	7.9	16.6	23.2	8.5	177	9.5
37 TO 41	8.1	6.5	15.3	9.7	4.8	4.4	19.8	20.2	11.3	249	13.3
32 TO 36	11.3	7.9	11.3	2.7	5.5	4.1	18.2	19.9	18.9	291	15.7
27 TO 31	9.6	10.3	5.7	3.1	2.7	6.5	14.6	31.4	16.1	261	14.0
22 TO 26	16.3	13.7	5.6	.7	1.1	1.9	16.3	27.0	17.4	270	14.5
17 TO 21	16.0	3.6	1.8		1.2	1.8	13.6	37.3	24.9	169	9.1
12 TO 16	24.2	4.0	1.0	1.0	1.0	5.1	12.1	32.3	19.2	99	5.3
7 TO 11	20.0		7.5			2.5	12.5	45.0	12.5	40	2.2
2 TO 6	29.4		5.9				5.9	41.2	17.6	17	.9
-3 TO 1	25.0							25.0	50.0	4	.2
-8 TO -4									100.0	1	.1
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	11.4	7.1	7.5	4.1	6.0	7.1	17.9	24.5	14.4	1858	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

1473 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MARCH (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											
92 TO 96											
87 TO 91											
82 TO 86						100.0				3	.1
77 TO 81						20.0	60.0	20.0		5	.2
72 TO 76					33.3	33.3	16.7	8.3	8.3	12	.6
67 TO 71				10.5	10.5	42.1	10.5	21.1	5.3	19	.9
62 TO 66	3.1		1.5		21.5	24.6	29.2	18.5	1.5	65	3.2
57 TO 61	2.5	2.5	4.2	4.2	19.2	23.3	28.3	11.7	4.2	120	5.9
52 TO 56	4.6	2.8	2.8	10.2	21.3	14.4	20.8	16.2	6.9	216	10.6
47 TO 51	9.7	5.0	6.8	11.8	12.5	7.9	17.9	19.0	9.3	279	13.6
42 TO 46	7.9	6.0	13.4	11.2	11.5	6.0	12.9	18.4	12.6	365	17.8
37 TO 41	8.0	13.0	13.6	5.1	8.0	2.7	10.1	25.0	14.6	376	18.4
32 TO 36	12.4	6.9	14.1	2.7	3.8	4.1	11.0	26.5	18.6	291	14.2
27 TO 31	15.2	5.3	4.1	2.9	1.2	1.8	11.1	38.6	19.9	171	8.4
22 TO 26	19.8	3.7	3.7		2.5	1.2	8.6	32.1	28.4	81	4.0
17 TO 21	26.7	3.3					3.3	30.0	36.7	30	1.5
12 TO 16	25.0						62.5		12.5	8	.4
7 TO 11	25.0						25.0	25.0	25.0	4	.2
2 TO 6								100.0		1	.0
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
59 & LWR											
TOTALS	9.3	6.2	8.9	6.6	10.3	7.9	14.9	22.5	13.4	2046	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14734	LAKEHURST, NJ	JANUARY 1973-DECEMBER 1982	APRIL	
STATION	STATION NAME	YEARS	MONTH	HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96								100.0		1	.1
87 TO 91				33.3	16.7		50.0			6	.3
82 TO 86				5.0	10.0	40.0	40.0	5.0		20	1.0
77 TO 81			5.9		26.5	17.6	38.2	8.8	2.9	34	1.7
72 TO 76	5.8	1.9		1.9	19.2	28.8	34.6	7.7		52	2.6
67 TO 71	2.9		3.8		23.1	27.9	18.3	19.2	4.8	104	5.3
62 TO 66	5.0	.5	3.0	5.5	20.5	19.0	26.0	18.0	2.5	200	10.1
57 TO 61	7.3	1.0	2.8	9.1	19.9	10.8	24.5	17.8	6.6	286	14.4
52 TO 56	9.6	2.9	8.9	7.0	12.1	5.7	20.1	25.5	8.3	314	15.9
47 TO 51	12.5	8.8	11.4	10.6	3.7	4.5	17.6	20.2	10.6	376	19.0
42 TO 46	10.5	7.2	11.4	8.8	4.9	3.9	14.7	27.5	11.1	306	15.5
37 TO 41	17.9	6.9	3.4	2.1	3.4	3.4	16.6	27.6	18.6	145	7.3
32 TO 36	20.6	1.0	3.1	1.0	3.1	5.2	13.4	35.1	17.5	97	4.9
27 TO 31	9.7	3.2			3.2		12.9	58.1	12.9	31	1.6
22 TO 26								100.0		7	.4
17 TO 21								100.0		1	.1
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
48 TO −44											
−53 TO −49											
−58 TO −54											
−59 & LWR											
TOTALS	9.8	4.1	6.8	6.8	11.1	9.3	20.1	23.0	9.0	1980	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14730 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (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											
92 TO 96								100.0		1	.0
87 TO 91					4.3	17.4	39.1	34.8	4.3	23	1.1
82 TO 86	3.6	1.8		7.1	12.5	10.7	46.4	17.9		56	2.7
77 TO 81	2.8	.9	.9	7.5	10.3	19.6	37.4	19.6	.9	107	5.2
72 TO 76	7.2	3.6	6.2	7.2	17.0	13.4	27.3	13.4	4.6	194	9.5
67 TO 71	6.0	1.8	8.5	12.8	18.1	12.1	22.0	14.2	4.6	282	13.8
62 TO 66	6.4	3.9	9.5	13.4	19.3	11.5	17.3	10.9	7.8	358	17.5
57 TO 61	7.8	5.0	15.6	12.6	17.1	6.3	8.5	13.1	14.1	398	19.5
52 TO 56	9.7	8.3	20.8	11.1	7.8	3.9	10.0	10.8	17.5	360	17.6
47 TO 51	8.0	8.0	14.8	11.9	8.5	2.8	13.1	12.5	20.5	176	8.6
42 TO 46	17.6	6.8	13.5	9.5	1.4	4.1	17.6	10.8	18.9	74	3.6
37 TO 41	18.8	12.5	6.3				6.3	18.8	37.5	16	.8
32 TO 36									100.0	1	.0
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.6	4.8	12.0	11.1	13.9	8.7	17.5	13.1	11.1	2046	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14780 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JUNE (MONTH) (HOURS OBS'D.)

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					14.3	42.9	42.9			7	.4
87 TO 91	1.6			1.6	4.7	23.4	56.3	12.5		64	3.2
82 TO 86	4.1		4.1	4.8	13.7	19.2	36.3	15.1	2.7	146	7.4
77 TO 81	4.9	2.2	3.4	8.2	18.3	18.3	24.3	15.7	4.9	268	13.5
72 TO 76	6.6	2.5	8.5	14.5	18.6	13.9	17.8	11.2	6.6	366	18.5
67 TO 71	6.2	4.7	9.2	10.0	21.1	10.2	14.0	11.8	12.8	422	21.3
62 TO 66	7.7	6.6	13.1	12.3	14.8	7.4	12.3	12.3	13.7	366	18.5
57 TO 61	10.3	10.7	19.4	7.4	9.1	7.0	5.4	9.1	21.5	242	12.2
52 TO 56	12.1	7.7	13.2	4.4	5.5	5.5	8.8	11.0	31.9	91	4.6
47 TO 51		25.0						50.0	25.0	8	.4
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	6.8	4.7	9.7	9.7	15.7	12.0	17.5	12.3	11.5	1980	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14734 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JULY (MONTH) (HOURS)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101						27.3	63.6	9.1		11	.5
92 TO 96	2.3				4.7	9.3	65.1	18.6		43	2.1
87 TO 91	7.1	.7	1.4	4.3	5.7	19.1	39.0	19.9	2.8	141	6.9
82 TO 86	8.3	1.2	4.0	7.0	14.4	15.6	30.6	15.9	3.1	327	16.0
77 TO 81	8.4	2.0	5.3	8.7	18.8	15.0	22.6	13.7	5.3	393	19.2
72 TO 76	8.0	3.8	6.6	11.4	20.8	14.9	14.4	9.4	10.6	499	24.4
67 TO 71	8.1	3.8	7.5	6.7	15.9	13.4	12.9	8.6	23.1	372	18.2
62 TO 66	19.8	3.1	5.7	4.2	4.7	6.3	12.5	12.0	31.8	192	9.4
57 TO 61	27.8	13.0			1.9	3.7	5.6	11.1	37.0	54	2.6
52 TO 56	15.4	7.7				7.7	15.4	30.8	23.1	13	.6
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	9.6	2.9	5.3	7.5	14.9	13.8	20.9	12.5	12.6	2045	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14735 LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 AUGUST

STATION STATION NAME YEARS MONTH HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101									100.0	1	.0
92 TO 96	12.5		4.2	4.2	4.2	20.8	33.3	20.8		24	1.2
87 TO 91	6.7	.8	.8	2.5	10.9	18.5	44.5	12.6	2.5	119	5.8
82 TO 86	6.8	2.8	2.0	6.4	10.4	15.5	33.9	17.9	4.4	251	12.3
77 TO 81	8.0	3.0	6.6	11.6	16.5	14.9	16.8	14.0	8.5	363	17.8
72 TO 76	5.4	3.5	11.8	9.1	16.2	16.6	13.9	8.7	14.9	518	25.4
67 TO 71	5.9	5.9	13.7	6.6	10.7	8.8	12.3	8.8	27.3	427	20.7
62 TO 66	12.9	11.6	9.2	3.6	6.8	3.6	6.8	11.2	34.1	249	12.2
57 TO 61	14.9	5.4	5.4	2.7	6.8	5.4	2.7	20.3	36.5	74	3.6
52 TO 56	15.8	10.5			5.3		5.3	31.6	31.6	19	.9
47 TO 51								50.0	50.0	2	.1
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 & LOWER											
TOTALS	7.6	4.8	6.7	7.2	12.3	12.5	17.2	12.1	17.5	2042	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

14734 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (MONTH) (HOURS)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	25.0					50.0	25.0			4	.2
87 TO 91	3.7	3.7		3.7		18.5	51.9	14.6	3.7	27	1.4
82 TO 86	6.7		1.3	6.7	10.7	18.7	32.0	18.7	5.3	75	3.8
77 TO 81	2.5	2.5	4.9	6.2	20.4	22.2	22.8	15.4	3.1	162	8.2
72 TO 76	6.3	4.1	6.3	8.9	22.5	14.9	18.7	11.4	6.7	315	15.9
67 TO 71	6.6	4.5	10.2	12.9	15.5	8.1	15.0	13.6	13.6	381	19.2
62 TO 66	9.5	11.7	16.9	9.5	9.8	5.7	9.3	12.6	15.0	420	21.2
57 TO 61	9.5	20.2	11.5	4.9	4.3	2.0	8.9	13.3	25.4	347	17.5
52 TO 56	13.6	8.9	5.9		4.1	1.2	7.7	17.2	41.4	169	8.5
47 TO 51	13.2	7.5	1.9			1.9	5.7	20.8	49.1	53	2.7
42 TO 46	13.0	13.0					8.7	13.0	52.2	23	1.2
37 TO 41	75.0						25.0			4	.2
32 TO 36											
27 TO 31											
22 TO 26											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
TOTALS	8.3	8.9	9.6	7.6	11.8	8.5	14.2	13.8	17.3	1980	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

147 LAKEHURST, NJ JANUARY 1973-DECEMBER 1982 OCTOBER
STATION YEAR 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						70.0	30.0			10	.5
77 TO 81	6.9	3.4			10.3	10.3	65.5	3.4		29	1.4
72 TO 76	5.0		3.8	3.8	21.3	22.5	28.8	11.3	3.8	80	3.9
67 TO 71	5.5	3.7	7.4	12.3	16.6	16.0	23.9	11.0	3.7	163	8.0
62 TO 66	4.8	4.8	12.8	8.0	18.4	13.6	17.6	13.2	6.8	250	12.2
57 TO 61	8.5	8.5	14.9	9.5	9.3	8.3	18.3	13.9	8.8	410	20.0
52 TO 56	8.7	9.9	16.1	5.0	5.5	5.2	18.4	17.4	13.9	403	19.7
47 TO 51	14.1	10.8	3.4	2.0	6.7	6.7	18.9	17.5	19.9	297	14.5
42 TO 46	12.1	3.9	.5	1.0	2.4	6.3	24.3	17.5	32.0	206	10.1
37 TO 41	14.2	4.4			1.8		13.3	29.2	37.2	113	5.5
32 TO 36	20.6				1.6	4.8	12.7	17.5	42.9	63	3.1
27 TO 31	21.1						5.3	47.4	26.3	19	.9
22 TO 26								50.0	50.0	2	.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											
-63 & -59											
TOTALS	9.6	6.8	8.0	5.4	8.9	8.8	19.9	16.1	15.6	2045	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

147 STATION | LAKEHURST, NJ STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | NOVEMBER 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 8[illegible]						25.0	62.5	12.5		8	.4
72 TO 76	3.8			7.7	26.9	19.2	30.8	11.5		26	1.7
67 TO 71	3.6		3.6	9.1	25.5	21.8	30.9	3.6	1.9	55	2.8
62 TO 66	1.6	1.6	8.0	8.0	24.0	20.0	23.2	12.0	1.6	125	6.3
57 TO 61	4.5	3.0	12.9	8.9	14.9	14.4	22.8	13.4	5.4	202	10.2
52 TO 56	6.0	6.4	13.1	7.4	13.8	9.9	17.7	10.6	15.2	283	14.3
47 TO 51	9.7	9.4	8.8	6.6	5.9	7.8	18.1	20.9	12.8	320	16.2
42 TO 46	11.5	7.7	5.9	3.4	3.4	7.1	23.2	24.1	13.6	323	16.3
37 TO 41	9.6	5.2	3.7	.7	3.3	10.0	25.2	27.0	15.2	270	13.6
32 TO 36	9.9	5.9	3.6		1.8	5.0	23.9	27.5	22.5	222	11.2
27 TO 31	4.9	2.9	1.0		2.0	4.9	30.4	23.5	30.4	102	5.2
22 TO 26	9.4	3.1				6.3	28.1	12.5	40.6	32	1.6
17 TO 21					10.0		50.0	10.0	30.0	10	.5
12 TO 16							50.0	50.0		2	.1
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	7.8	5.7	7.1	4.5	5.4	9.8	23.0	19.5	14.1	1980	100.0

NAVWEASERVCOM

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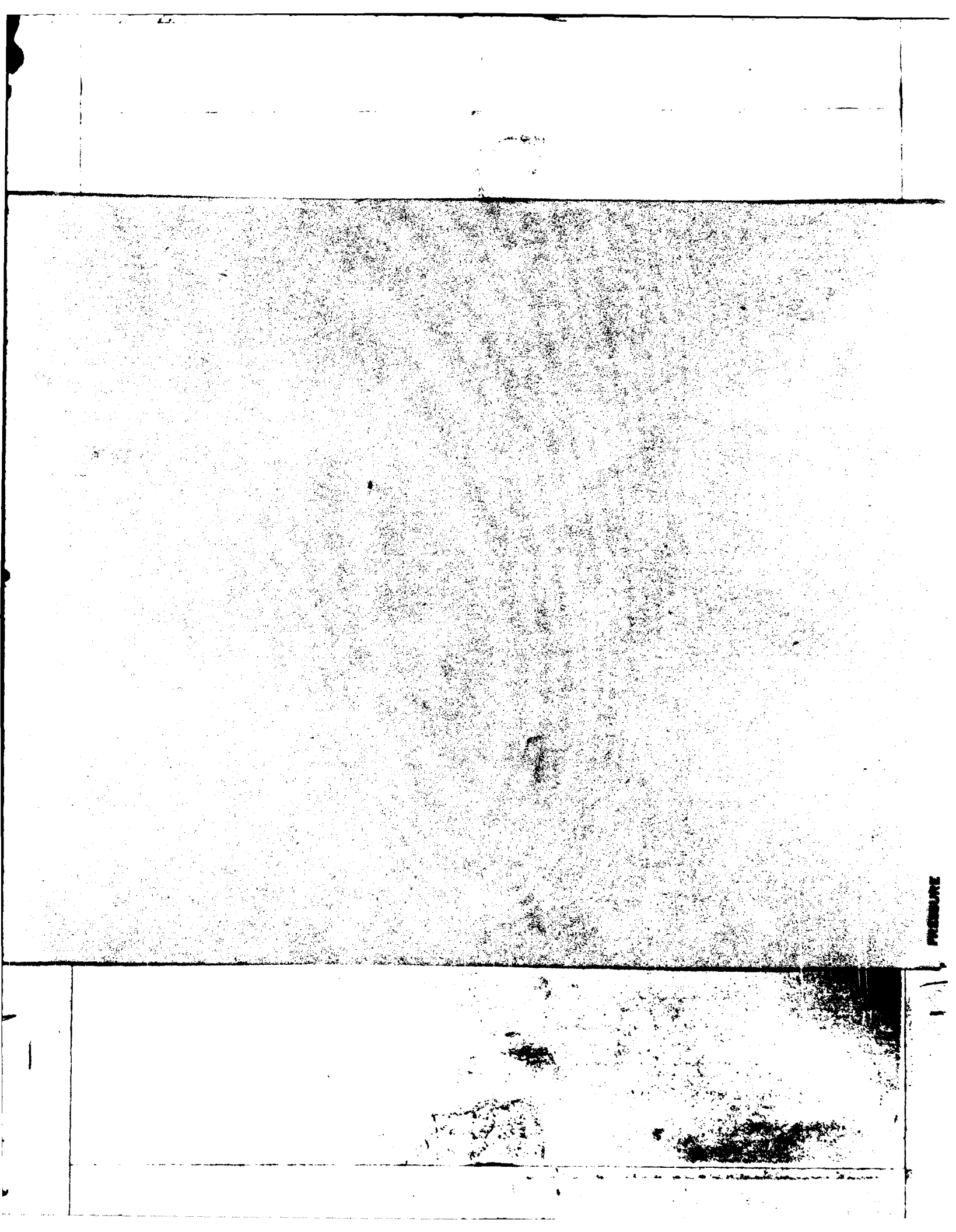
PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14734 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH) (HOURS (EST))

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						100.0				1	.0
67 TO 71					18.2	45.5	36.4			11	.5
62 TO 66			2.8		22.2	33.3	38.9	2.8		36	1.8
57 TO 61	5.6		1.9		27.8	31.5	18.5	9.3	5.6	54	2.7
52 TO 56	2.7		1.8	8.9	28.6	18.8	27.7	6.3	5.4	112	5.5
47 TO 51	3.1	1.8	9.2	6.1	16.6	15.3	23.3	16.0	8.6	163	8.1
42 TO 46	8.6	8.6	9.0	10.8	7.4	8.0	17.9	20.7	9.0	324	16.0
37 TO 41	7.4	10.6	6.6	2.6	6.0	5.4	17.4	28.0	16.0	350	17.3
32 TO 36	11.5	9.8	2.4	1.2	3.8	4.4	15.4	29.0	22.5	338	16.7
27 TO 31	9.0	9.7	2.6	.7	2.2	6.4	14.2	30.0	25.1	267	13.2
22 TO 26	14.6	3.9	1.9		2.4	4.9	15.5	32.5	24.3	206	10.2
17 TO 21	5.6	2.2	2.2		2.2	4.4	32.2	27.8	23.3	90	4.4
12 TO 16	9.5					2.4	31.0	26.2	31.0	42	2.1
7 TO 11	5.3			5.3		5.3	15.8	26.3	42.1	19	.9
2 TO 6								70.0	30.0	10	.5
-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	6.3	6.8	4.5	3.5	7.7	9.6	18.9	24.6	17.1	2024	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

14734 (STATION) LAKEHURST, NJ (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (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						25.0	58.3	8.3	8.3	12	.0
92 TO 96	6.3		1.3	1.3	5.0	17.5	50.0	18.8		80	.3
87 TO 91	5.3	.8	.8	3.4	6.3	19.2	44.7	16.6	2.4	380	1.6
82 TO 86	6.4	1.4	2.8	6.3	12.4	17.6	33.7	16.2	3.3	888	3.7
77 TO 81	6.1	2.3	4.7	8.5	17.4	16.9	24.2	14.5	5.3	1370	5.7
72 TO 76	6.5	3.2	7.7	9.9	19.3	15.9	18.1	10.3	9.1	2065	8.6
67 TO 71	6.1	3.9	9.2	9.3	16.7	12.4	16.1	11.4	14.9	2237	9.3
62 TO 66	8.2	6.0	10.3	8.3	14.5	10.8	15.7	12.6	13.6	2294	9.5
57 TO 61	8.2	7.8	11.2	7.7	13.2	9.6	15.0	13.2	14.0	2268	9.4
52 TO 56	8.2	6.2	11.2	7.7	12.0	8.2	16.3	15.0	15.1	2121	8.8
47 TO 51	10.1	7.5	8.2	7.8	8.4	7.9	18.4	18.2	13.5	1888	7.8
42 TO 46	10.1	6.5	9.2	7.3	7.2	6.5	18.1	21.1	14.0	1964	8.2
37 TO 41	9.8	8.4	8.4	3.9	5.2	5.2	17.7	25.3	16.2	1777	7.4
32 TO 36	11.5	6.6	7.1	2.0	3.8	5.2	18.1	25.8	19.9	1651	6.9
27 TO 31	9.5	8.2	4.7	1.8	2.2	4.9	16.3	31.2	21.2	1191	4.9
22 TO 26	13.8	7.7	4.3	.6	1.7	3.2	19.0	28.7	21.0	899	3.7
17 TO 21	14.1	2.4	1.4		2.0	2.6	20.8	32.1	24.8	505	2.1
12 TO 16	16.6	3.5	1.0	.3	.7	3.5	24.9	29.4	20.1	289	1.2
7 TO 11	10.5	.8	3.2	2.4		3.2	21.8	33.9	24.2	124	.5
2 TO 6	9.6		1.9			1.9	25.0	38.5	23.1	52	.2
-3 TO 1	6.3						31.3	43.8	18.8	16	.1
-8 TO -4									100.0	2	.0
-13 TO -9						100.0				1	.0
-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	9.8	5.7	7.9	6.4	10.6	9.5	18.8	18.2	14.1	24074	100.0

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Asheville, N. C.

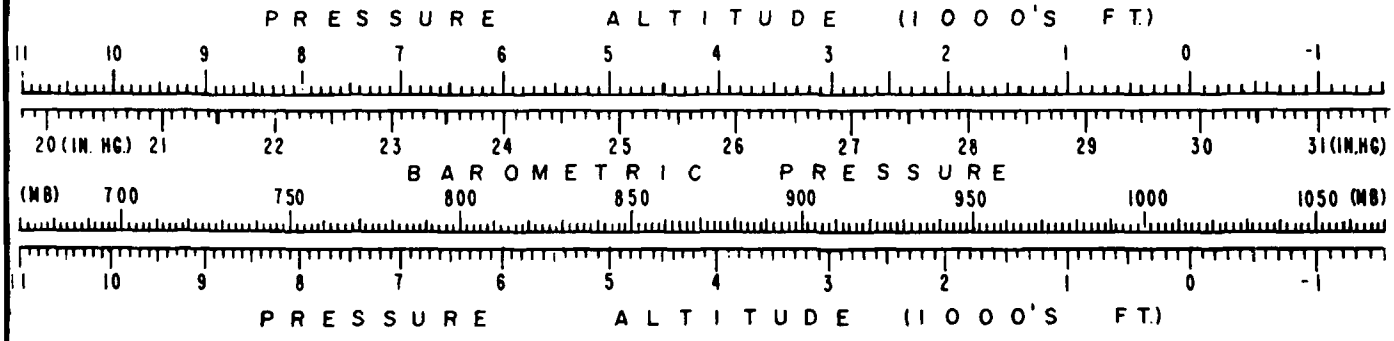
PART F PRESSURE SUMMARY

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

14734 LAKEHURST, NJ 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	1019.4	1017.9	1015.9	1014.7	1014.5	1016.0	1015.8	1017.7	1018.8	1020.5	1017.9	1018.5	1017.3
	S. D.	8.248	9.360	10.093	8.475	5.052	5.795	4.588	3.747	5.254	6.324	8.349	9.321	7.504
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	86	1088
04	MEAN	1019.3	1017.6	1015.5	1014.6	1014.4	1015.8	1015.6	1017.6	1018.5	1020.3	1018.0	1018.4	1017.1
	S. D.	8.511	9.308	10.080	8.742	5.162	5.872	4.650	3.789	5.265	6.355	8.247	9.386	7.567
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	85	1087
07	MEAN	1017.6	1018.3	1017.0	1016.1	1015.5	1015.9	1016.1	1017.8	1018.3	1019.0	1018.9	1018.6	1017.4
	S. D.	10.064	9.541	9.169	8.418	5.796	6.014	4.773	4.156	5.498	7.572	8.347	9.766	7.764
	TOTAL OBS	311	282	310	300	310	300	310	310	300	309	300	310	3652
10	MEAN	1018.4	1018.8	1017.2	1016.0	1015.5	1015.9	1016.2	1017.9	1018.5	1019.2	1019.4	1019.3	1017.7
	S. D.	10.136	9.493	9.349	8.615	5.814	6.100	4.774	4.217	5.602	7.835	8.397	9.792	7.882
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	1016.4	1017.4	1015.7	1014.8	1014.6	1015.1	1015.4	1017.1	1017.5	1017.8	1017.7	1017.5	1016.4
	S. D.	10.181	9.492	9.562	8.435	5.785	6.094	4.768	4.205	5.538	7.905	8.267	9.735	7.832
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1016.2	1016.7	1014.6	1013.8	1013.7	1014.4	1014.6	1016.3	1016.6	1017.2	1017.4	1017.4	1015.7
	S. D.	10.163	9.368	9.489	8.150	5.743	6.022	4.771	4.098	5.454	7.860	8.106	9.447	7.753
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1017.0	1017.7	1015.4	1014.4	1014.1	1014.6	1014.8	1016.6	1017.1	1018.0	1018.3	1018.1	1016.3
	S. D.	10.192	9.317	9.288	7.956	5.460	5.851	4.714	4.004	5.291	7.777	7.885	9.374	7.666
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650
22	MEAN	1017.4	1018.1	1016.2	1015.4	1014.9	1015.5	1015.5	1017.3	1017.8	1018.6	1018.6	1018.3	1017.0
	S. D.	10.087	9.371	9.163	7.869	5.462	5.806	4.682	4.147	5.212	7.805	7.988	9.515	7.622
	TOTAL OBS	310	281	310	300	310	300	309	309	300	310	300	304	3643
ALL HOURS	MEAN	1017.4	1017.8	1016.0	1015.0	1014.7	1015.3	1015.5	1017.2	1017.7	1018.5	1018.3	1018.2	1016.8
	S. D.	10.020	9.428	9.433	8.303	5.657	5.988	4.761	4.139	5.453	7.715	8.190	9.591	7.761
	TOTAL OBS	2048	1858	2046	1980	2046	1980	2045	2045	1980	2045	1980	2024	24077

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

147[illegible] LAKEHURST, NJ 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	29.988	29.941	29.882	29.850	29.846	29.890	29.886	29.940	29.972	30.021	29.945	29.960	29.927
	S. D.	.243	.276	.298	.251	.149	.171	.135	.110	.155	.186	.246	.275	.221
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	86	1088
[illegible]	MEAN	29.984	29.932	29.873	29.844	29.841	29.884	29.881	29.937	29.965	30.016	29.947	29.958	29.921
	S. D.	.251	.274	.297	.260	.153	.173	.138	.112	.155	.187	.243	.277	.223
	TOTAL OBS	93	84	93	90	93	90	93	93	90	93	90	85	1087
[illegible]	MEAN	29.935	29.957	29.918	29.894	29.876	29.889	29.897	29.946	29.960	29.981	29.975	29.965	29.933
	S. D.	.297	.282	.270	.249	.172	.177	.141	.123	.162	.224	.247	.298	.229
	TOTAL OBS	311	282	310	300	310	300	310	310	300	309	300	310	3652
10	MEAN	29.960	29.972	29.925	29.891	29.877	29.889	29.900	29.952	29.967	29.987	29.990	29.987	29.941
	S. D.	.299	.281	.275	.255	.172	.179	.141	.124	.165	.232	.248	.289	.233
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
1[illegible]	MEAN	29.900	29.929	29.882	29.856	29.851	29.867	29.879	29.928	29.937	29.912	29.941	29.933	29.901
	S. D.	.300	.281	.281	.250	.171	.179	.141	.124	.163	.608	.244	.287	.283
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	29.893	29.909	29.849	29.826	29.824	29.845	29.854	29.903	29.911	29.927	29.932	29.929	29.883
	S. D.	.300	.277	.279	.241	.169	.177	.141	.121	.160	.233	.239	.279	.229
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1[illegible]	MEAN	29.919	29.938	29.874	29.845	29.836	29.853	29.858	29.911	29.926	29.952	29.960	29.951	29.902
	S. D.	.300	.276	.273	.235	.162	.172	.139	.118	.156	.230	.233	.276	.226
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	309	3650
22	MEAN	29.929	29.952	29.896	29.874	29.859	29.878	29.880	29.932	29.945	29.968	29.967	29.957	29.920
	S. D.	.298	.277	.270	.233	.162	.170	.138	.122	.153	.231	.236	.281	.225
	TOTAL OBS	310	281	310	300	310	300	309	309	300	310	300	304	3643
ALL HOURS	MEAN	29.929	29.942	29.889	29.863	29.853	29.872	29.879	29.930	29.943	29.960	29.960	29.954	29.914
	S. D.	.296	.279	.276	.246	.167	.176	.141	.122	.160	.316	.242	.283	.238
	TOTAL OBS	2048	1858	2046	1980	2046	1980	2045	2045	1980	2045	1980	2024	24077

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