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16. Abstract  This report provides summary tables and graphic wind roses depicting wind direction and speed under specific ceiling - visibility conditions at 283 airports. This data will be used in the application of FAA's establishment criteria for precision and non-precision approach and landing aids.			
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Interagency Agreement DOT-FA79WAI-057

WIND-CEILING-VISIBILITY  
DATA  
AT SELECTED AIRPORTS

April 1981

DTIC  
SELECTED  
DEC 8 1981

This report has been prepared by the U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center, Asheville, North Carolina for the Office of Aviation Policy and Plans, Federal Aviation Administration under Interagency Agreement No. DOT-FA79WAI-057. The contents of this report reflect the views of the contractor, who is responsible for the facts and accuracy of the data presented herein, and do not necessarily reflect the official views or policy of the FAA. This report does not constitute a standard, specification or regulation.

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## FOREWORD

### INTRODUCTION

Summary tables and graphs have been prepared to assist the FAA in the application of establishment criteria for precision and non-precision approach and landing aids. These tables and graphs depict wind direction and speed under specified ceiling and visibility conditions. This report has been prepared by the National Climatic Center for the FAA under Interagency Agreement No. DOT-FA79WAI-057.

Climatological information for selected airports is presented in 11 volumes:

- Volume 1 - New England Region (ANE)
- Volume 2 - Eastern Region (AEA)
- Volume 3 - Southern Region (ASO)
- Volume 4 - Great Lakes Region (AGL)
- Volume 5 - Central Region (ACE)
- Volume 6 - Southwest Region (ASW)
- Volume 7 - Rocky Mountain Region (ARM)
- Volume 8 - Northwest Region (ANW)
- Volume 9 - Western Region (AWE)
- Volume 10 - Alaskan and Pacific Regions (AAL and APC)
- Volume 11 - Visibility Time Series for Key Stations

Summary tables and graphs are presented in volumes 1-10. Graphical time series of visibility measurements for key stations throughout the United States are presented in volume 11 to give the reader some insight into the climate variability that can be expected.

### ELEMENT CLASSIFICATION

Twelve tables for each station depict wind direction vs. wind speed distributions. Half the tables show daytime distributions for six ceiling-visibility classes, and half show nighttime distributions for the same six ceiling-visibility classes. A graphical depiction of the data in each table is also presented. An additional graph for each station depicts the combined day and night winds for all ceiling-visibility conditions.

Wind direction is grouped according to a 16-point compass (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW) plus calm. The wind speed groups are 0-3, 4-12, 13-15, 16-18, 19-24, 25-31 and equal to or greater than 32 mph.

The ceiling-visibility criteria are defined as:

CLASS 1 = ceiling equal to or greater than 1,500 feet and visibility equal to or greater than 3 miles.

CLASS 2 = ceiling less than 1,500 feet and/or visibility less than 3 miles.

CLASS 3 = ceiling less than 1,500 feet and/or visibility less than 3 miles, but ceiling equal to or greater than 400 feet and visibility equal to or greater than 1 mile.

CLASS 4 = ceiling less than 400 feet and/or visibility less than 1 mile, but ceiling equal to or greater than 200 feet and visibility equal to or greater than 1/2 mile.

CLASS 5 = ceiling less than 200 feet and/or visibility less than 1/2 mile, but ceiling equal to or greater than 100 feet and visibility equal to or greater than 1/4 mile.

CLASS 6 = ceiling less than 100 feet and/or visibility less than 1/4 mile.

CLASS 7 = all ceiling and visibility conditions; sum of classes 1 and 2; also the sum of classes 1 and 3 through 6.

Time conditions are determined from the onset of civil twilight in the morning to the end of civil twilight in the evening. Civil twilight begins (ends) when the sun is six degrees below the horizon. It covers the somewhat indefinite period before sunrise and after sunset during which natural illumination usually remains sufficient for ordinary outdoor operations. For this report the morning (evening) times of beginning (ending) of civil twilight at a station are determined for the middle of a month. All data within this month are classified as either day or night according to these times.

#### DATA

The data used in the preparation of the climatological tables and graphs were extracted from the National Climatic Center's Tape Deck 1440 Hourly Surface Observations. The data contained in this deck have been digitized from the official observations recorded on station. From about 1948 through 1964 data were digitized for each hour in a day. From 1965 onward only every third hour's data were digitized. The tables and graphs in this report are based on eight observations per day (every third hour) for

the entire period of record. This was done to eliminate the data bias problems that would have been created by trying to mix the 24 observations per day prior to 1965 with the 8 observations per day after 1964.

The effect on the climatology of not using all the available data was examined for representative key stations in each region. Monthly day and night distributions were prepared for all ceiling-visibility criteria and wind speed and direction groups using 24 observations per day. A data subset was created by extracting every third observation from the hourly data set, and similar frequency distributions were prepared. The Kolmogorov-Smirnov test was applied to evaluate the hypotheses that distributions using 24 observations per day are statistically the same as distributions using 8 observations per day. The results of this procedure indicate equality

of distributions in most cases. Therefore, no significant information has been lost by basing the climatologies on 8 observations per day. Exceptions are discussed in Volume II.

The tables and graphs are also available on microfiche, and the summarized data are available on magnetic tape. This report presents annual summaries, but monthly summaries can be generated on magnetic tape. Requests for microfiche copies of this report and for data on magnetic tape should be addressed to:

Director  
National Climatic Center  
Federal Building  
Asheville, NC 28801

The requested microfiche copies and/or tapes will be provided at cost.

## TABLE LEGEND

A = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6, all wind speed classes and directions times 100.

B = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in the given ceiling-visibility class and direction times 100.

C = number of day (night) observations of a given direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

D = number of day (night) observations of a given direction divided by the total number of day (night) observations in the given ceiling-visibility class times 100.

E = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

F = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in the given ceiling-visibility class times 100.

G = number of day (night) observations in the given ceiling-visibility class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

100 = summation of column D = summation of row F.

H = average wind speed for the given day (night) ceiling-visibility class and direction.

I = average wind speed for the given day (night) ceiling-visibility class.

J = overall period of record; see station list for actual years of record used.

Note: Ceiling-visibility class 2 is the sum of classes 3-6.

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BDR BRIDGEPORT, CT

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 94702

NO. OBS.: 29909

D I R	SPEED GROUPS (MPH)												TOTAL			AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		C		D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.3	.3	2.6	3.1	1.1	1.4	.2	.9	.6	.8	.1	.1	.0	.0	5.5	6.6	12.6
NNE	.2	.3	1.7	2.1	.6	.7	.3	.4	.2	.3	.1	.1	.0	.0	3.2	3.8	11.3
NNE	.3	.4	2.2	2.6	.9	1.0	.6	.7	.3	.4	.0	.0	.0	.0	4.3	5.1	11.5
ENE	.2	.2	1.5	1.8	.6	.7	.4	.5	.2	.3	.0	.1	.0	.0	3.0	3.5	11.7
E	.2	.2	2.2	2.6	.8	1.0	.6	.7	.3	.4	.1	.1	.0	.0	4.2	5.0	11.9
ESE	.1	.1	1.7	2.0	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.7	3.2	10.9
SE	.2	.2	1.5	1.7	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.2	2.6	9.8
SSE	.1	.1	1.7	2.0	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.3	2.8	9.8
S	.2	.2	2.9	3.5	1.2	1.3	.8	.9	.5	.6	.4	.4	.0	.0	5.0	5.9	11.4
SSM	.1	.1	2.5	3.0	1.2	1.3	.9	1.1	.6	.7	.1	.1	.0	.0	5.3	6.3	12.8
SM	.2	.3	4.6	5.4	2.0	2.4	1.3	1.6	.6	.7	.1	.1	.0	.0	8.8	10.5	12.1
MSM	.2	.2	3.8	4.5	1.8	2.2	1.3	1.5	.9	1.0	.2	.2	.0	.0	8.1	9.6	13.1
M	.1	.2	2.9	3.5	1.3	1.6	1.1	1.4	1.1	1.3	.4	.5	.1	.1	7.1	8.5	14.4
MMH	.2	.2	2.1	2.5	1.3	1.6	1.3	1.6	1.6	1.9	.7	.9	.2	.2	7.5	8.8	16.3
NH	.2	.3	2.1	2.5	1.3	1.6	1.6	1.8	1.6	1.9	.7	.9	.1	.2	7.7	9.2	16.0
NMH	.2	.2	2.1	2.5	1.2	1.4	1.1	1.3	1.3	1.5	.4	.5	.1	.1	6.3	7.5	15.1
CALM	1.1	1.3													1.1	1.3	
TOTAL	4.1	4.8	38.2	45.3	16.4	19.5	12.3	14.6	9.8	11.7	3.0	3.5	.6	.7	184.3	100	13.0

(J)

(C) (D)

(H)

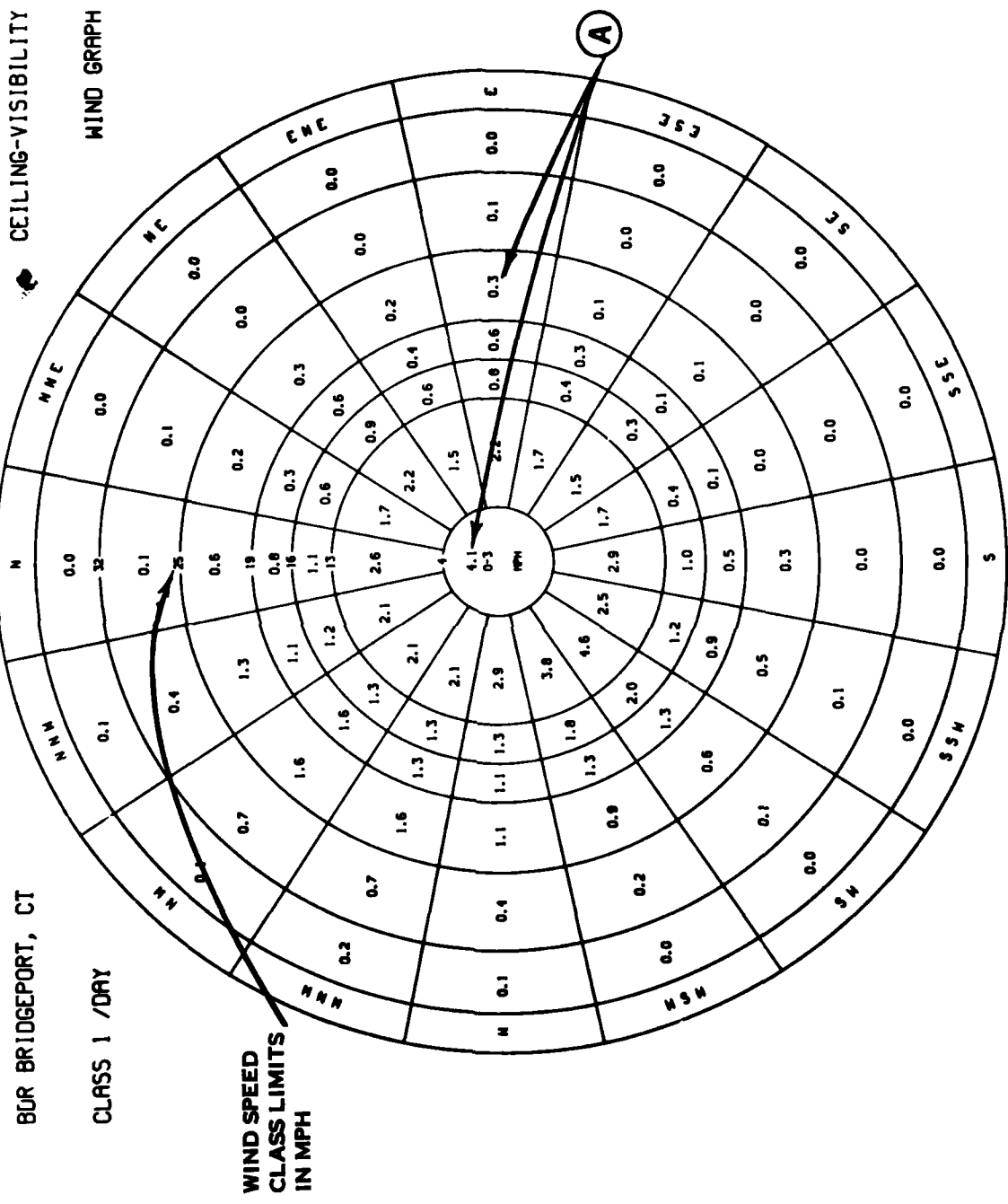
(I)

(100)

(G)

(F)

(E)



A—NUMBER OF DAY (NIGHT) OBSERVATIONS IN A GIVEN CEILING-VISIBILITY CLASS, WIND SPEED CLASS AND DIRECTION DIVIDED BY THE TOTAL NUMBER OF DAY (NIGHT) OBSERVATIONS IN CEILING-VISIBILITY CLASSES 1, 3-6, ALL WIND SPEED CLASSES AND DIRECTIONS TIMES 100.

# STATION LIST

ST CITY	AP ID	STATION NUMBER	PERIOD OF RECORD
AR			
Fayetteville	FYV	93993	1950-1954 1967 1974-1978
Fort Smith	FSM	13964	1949-1978
Little Rock	LIT	13963	1949-1978
LA			
Baton Rouge	BTR	13970	1949-1978
Lafayette	LFT	13976	1949-1958 1974-1978
Lake Charles	LCH	03937	1962-1978
New Orleans	MSY	12916	1949-1978
Shreveport	SHV	13957	1953-1978
NM			
Albuquerque	ABQ	23050	1949-1978
Farmington	FMN	23090	1954-1978
Galup	GUP	23081	1973-1978
Roswell	ROW	23009	1973-1978
Truth Or Consequences	TCS	93045	1951-1976
Tucumcari	TCC	23048	1949-1978
OK			
Oklahoma City	OKC	13967	1948-1978
Tulsa	TUL	13968	1949-1978

TX

Abilene . . . . .	ABI	13962	1949-1978
Amarillo . . . . .	AMA	23047	1949-1978
Austin . . . . .	AUS	13958	1949-1978
Brownsville . . . . .	BRO	12919	1949-1978
Corpus Christi . . . . .	CRP	12924	1961-1978
Dallas . . . . .	DAL	13960	1949-1978
Fort Worth . . . . .	GSW	03927	1954-1973*
Del Rio . . . . .	DRT	22010	1964-1978
El Paso . . . . .	ELP	23044	1949-1978
Houston . . . . .	HOU	12918	1949-1968 1974-1978
Houston . . . . .	IAH	12960	1970-1978
Lubbock . . . . .	LBB	23042	1949-1978
Lufkin . . . . .	LFK	93987	1949-1978
Midland . . . . .	MAF	23023	1949-1966 1971-1978
Port Arthur . . . . .	BPT	12917	1949-1978
San Angelo . . . . .	SJT	23034	1949-1952 1955-1978
San Antonio . . . . .	SAT	12921	1949-1978
Victoria . . . . .	VCT	12912	1965-1978
Waco . . . . .	ACT	13959	1949-1978

\* Note: Period of record does not end in 1978.

**SOUTHWEST REGION**

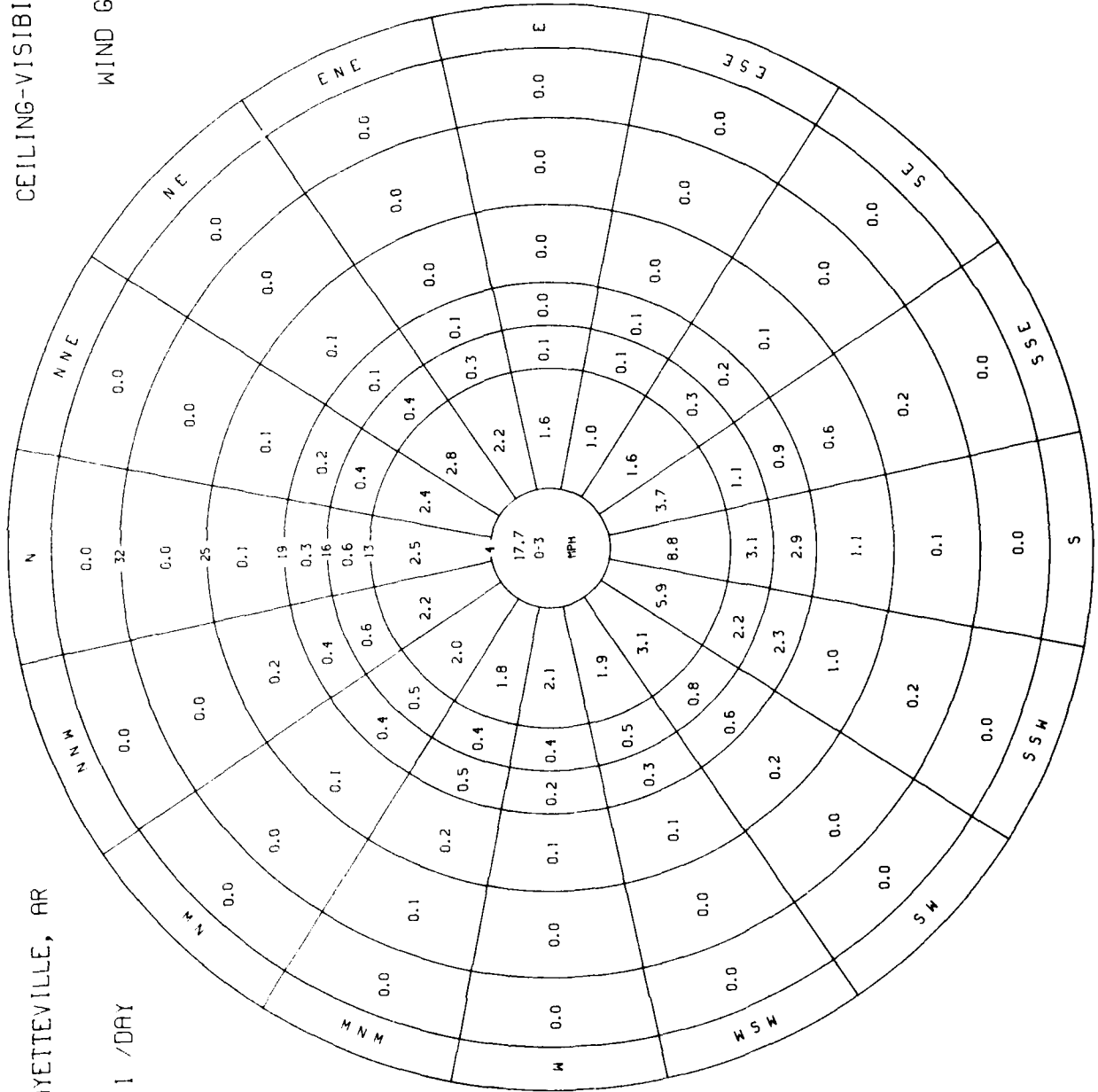
**(ASW)**

CEILING-VISIBILITY

WIND GRAPH

FYV FAYETTEVILLE, AR

CLASS 1 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FAYETTEVILLE, AR

PERIOD: 1950-1978

CLASS: /CA:

STATION NUMBER: 32992

NO. OBS.: 15601

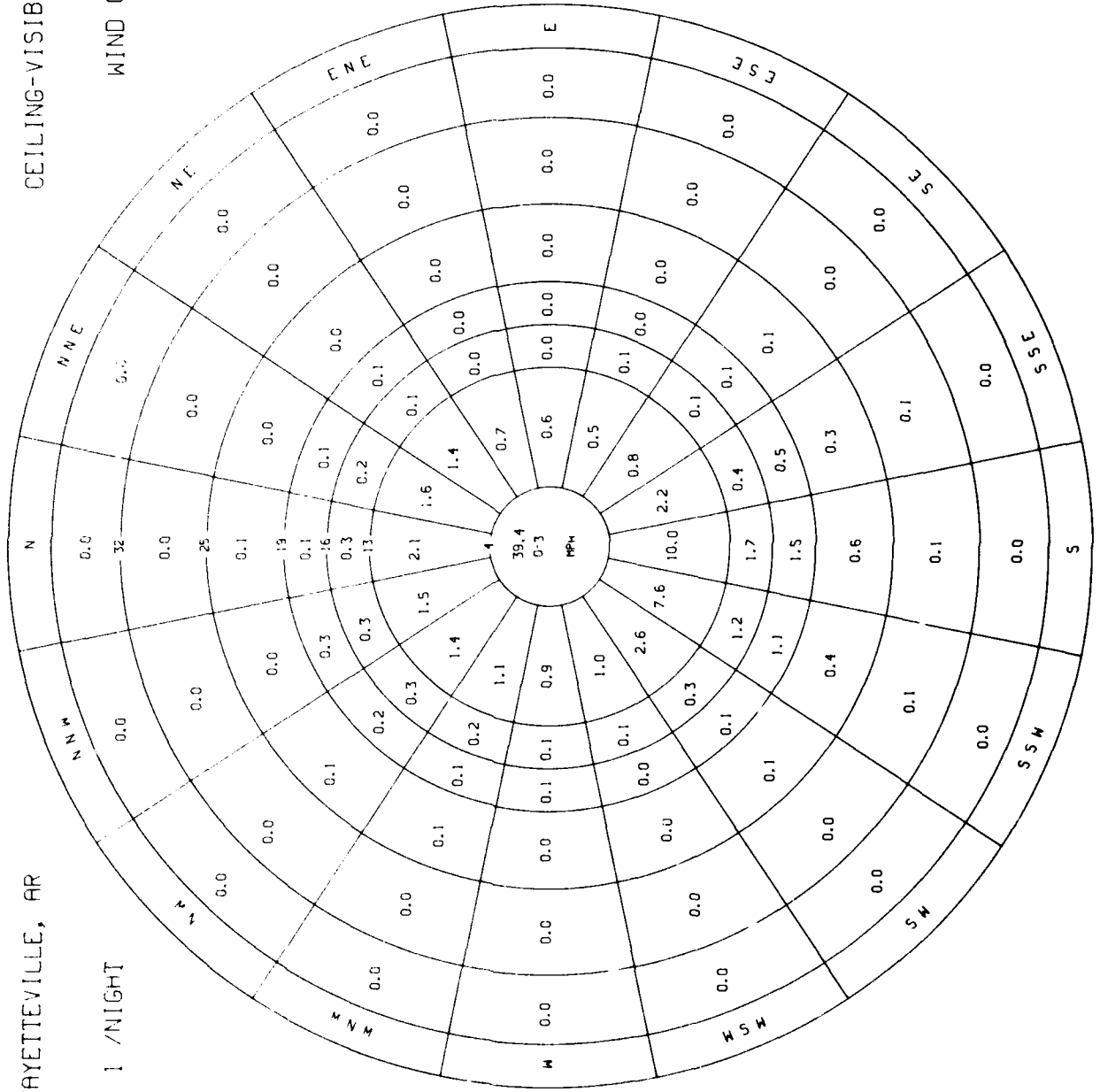
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.3	.4	2.5	2.8	.6	.6	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.8	4.2	9.9
NNE	.3	.3	2.4	2.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.3	3.7	9.4
NE	.5	.5	2.8	3.1	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.8	4.2	8.5
ENE	.3	.3	2.2	2.5	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.3	8.7
E	.4	.5	1.6	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.4	7.1
ESE	.2	.2	1.0	1.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	8.1
SE	.5	.5	1.6	1.7	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.6	3.0	8.9
SSE	.5	.5	3.7	4.1	1.1	1.2	.9	1.0	.6	.7	.2	.2	.0	.0	.0	.0	7.0	7.8	11.9
S	1.0	1.2	8.8	9.8	3.1	3.5	2.9	3.2	1.1	1.3	.1	.1	.0	.0	.0	.0	17.2	19.2	11.7
SSW	.6	.6	5.9	6.6	2.2	2.5	2.3	2.5	1.0	1.1	.2	.3	.0	.0	.0	.0	12.2	13.6	12.4
SW	.7	.8	3.1	3.5	.8	.9	.6	.7	.2	.2	.0	.1	.0	.0	.0	.0	5.4	6.1	10.1
WSW	.2	.2	1.9	2.1	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.3	10.3
W	.2	.3	2.1	2.3	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.4	10.0
WNW	.2	.3	1.8	2.0	.4	.5	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	3.3	3.6	11.5
NW	.3	.4	2.0	2.3	.5	.6	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	3.5	3.9	10.7
NNW	.2	.2	2.2	2.4	.6	.7	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.7	4.1	11.1
CALM	11.3	12.6															11.3	12.6	
TOTAL	17.7	19.8	45.6	50.8	11.8	13.2	9.6	10.7	3.9	4.4	.9	1.0	.1	.1	.1	.1	89.6	100	9.4

FYV FAYETTEVILLE, AR

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ... PERIOD: 1951-1973

STATION NUMBER: ...

CLASS: ...

NO. OBS.: ...

STATION NUMBER: ...

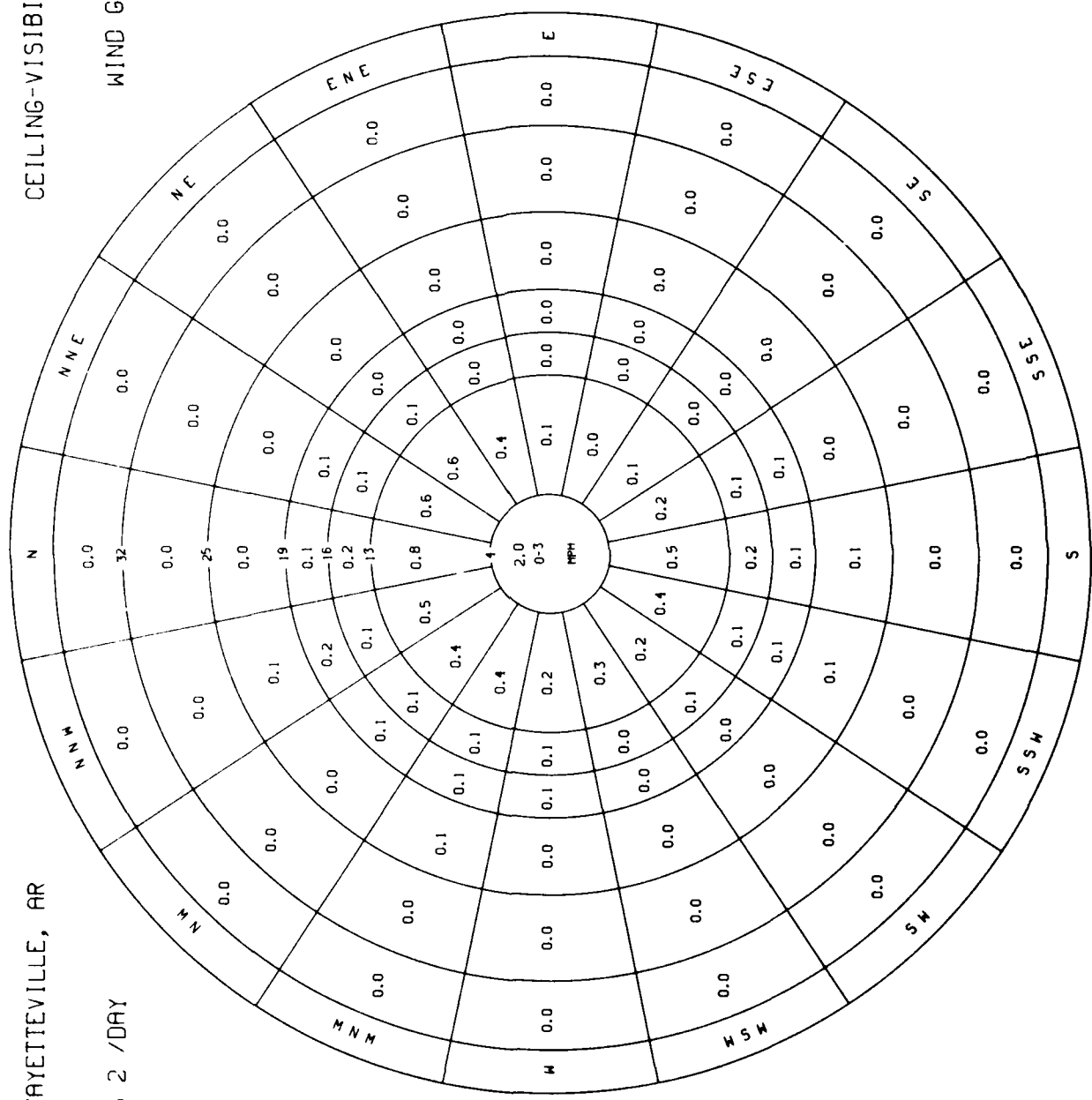
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED					
	0-3			4-12			17-15			16-18			19-24			25-31				32+			TOTAL	
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C						
N	.4	.4	.4	2.1	2.3	.4	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	2.2	2.4	2.3
NNE	.3	.3	.3	1.5	1.8	.2	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	2.2	2.6	2.7
NNE	.5	.5	.5	1.4	1.9	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.1	2.1	2.4	2.5
ENE	.3	.3	.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	1.1
E	.2	.2	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	.9
ESE	.1	.2	.2	.5	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7	.8	8.2
SE	.4	.4	.4	.9	1.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.5	1.7	2.3
SSE	.6	.7	.7	2.2	2.5	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	4.2	4.7	10.8
S	2.2	3.2	10.0	1.4	1.4	1.7	1.9	1.5	1.7	1.5	1.7	1.6	1.5	1.7	1.6	1.5	1.7	1.6	1.5	1.7	1.6	16.6	13.0	8.8
SSW	3.5	2.9	7.5	2.7	2.7	1.2	1.4	1.1	1.3	1.4	1.3	1.4	1.4	1.3	1.4	1.4	1.3	1.4	1.4	1.3	1.4	12.9	14.7	8.6
SW	1.2	.4	2.6	3.0	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	4.3	5.0	7.1
WSW	.1	.2	1.0	1.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.3	1.5	8.6
W	.1	.1	.1	.9	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.3	1.5	9.4
WNW	.2	.2	1.1	1.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.7	1.9	9.9
NW	.5	.5	1.4	1.5	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	2.5	2.8	9.4
NNW	.3	.3	1.5	1.8	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	2.5	2.9	9.8
CALC	28.3	33.0																				28.9	33.0	
TOTAL	39.4	44.9	26.1	41.2	5.5	6.7	4.5	5.1	1.8	2.1	4.4	4.9	4.4	4.9	4.9	4.4	4.9	4.9	4.4	4.9	4.9	87.7	100	5.9

FYV FAYETTEVILLE, AR

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FYV FAYETTEVILLE, AR

PERIOD: 1950-1978

CLASS 2 / DAY

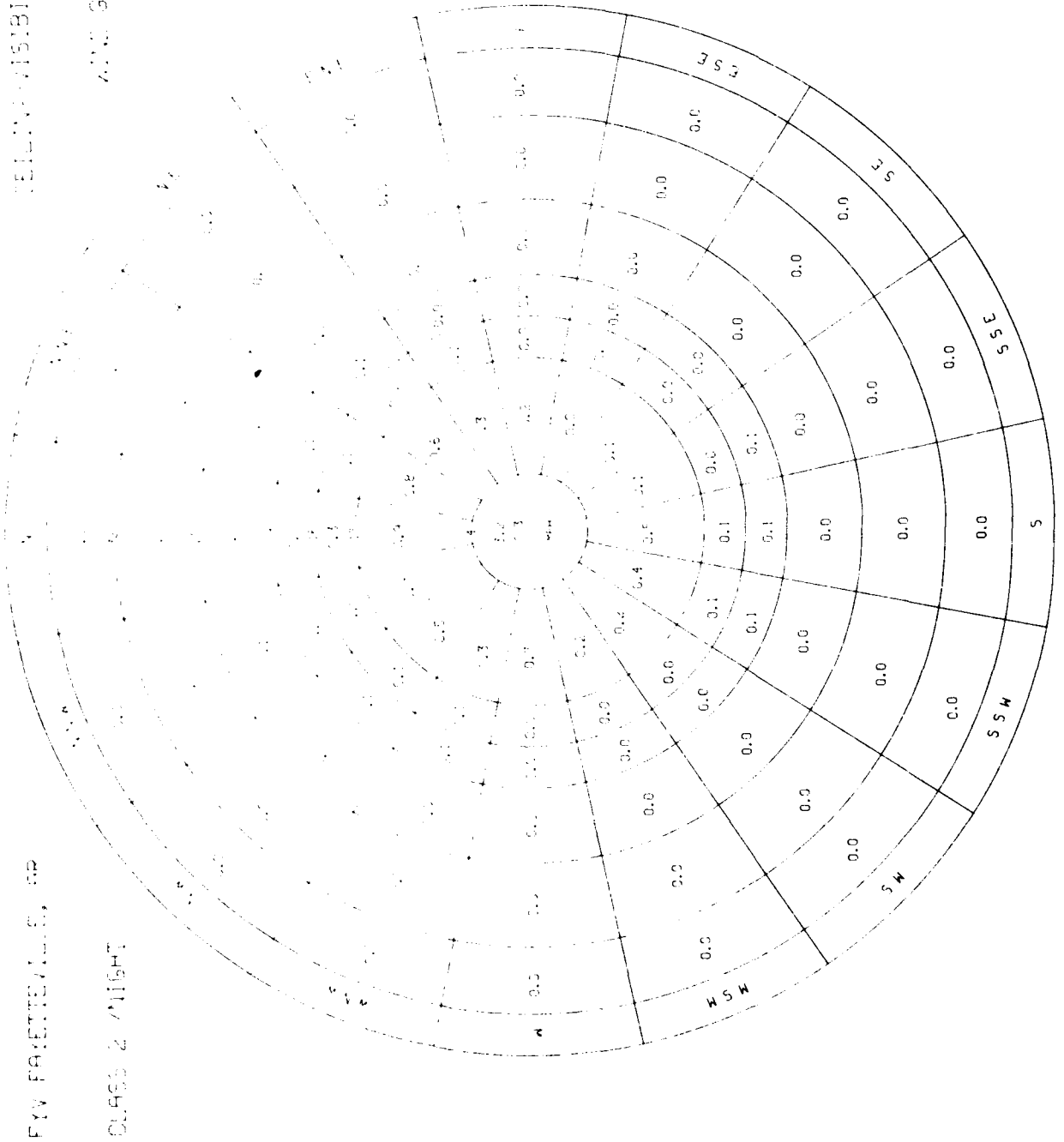
STATION NUMBER: 93993

NO. OBS.: 1803

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.8	7.5	.2	1.6	.1	1.1	.0	.4	.0	.1	.0	.1	.0	.1	1.1	10.9	11.0
NNE	.0	.3	.6	6.1	.1	1.3	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.9	8.5	10.2
NE	.1	.8	.6	5.5	.1	.7	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.8	7.5	9.1
ENE	.0	.3	.4	3.5	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.4	8.9
E	.0	.3	.1	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	8.2
ESE	.0	.0	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	8.5
SE	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.4	8.3
SSE	.0	.1	.2	1.8	.1	.7	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.6	12.1
S	.1	.7	.5	4.8	.2	1.6	.1	1.1	.1	.7	.0	.1	.0	.0	.0	.0	.9	8.9	11.2
SSH	.1	.6	.4	3.4	.1	.9	.1	1.2	.1	.6	.0	.1	.0	.0	.0	.0	.7	6.8	11.4
SW	.1	.5	.2	2.0	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.3	9.2
WSW	.0	.2	.3	2.6	.0	.3	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.5	10.3
W	.1	.5	.2	2.2	.1	.6	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.9	10.2
WNW	.0	.2	.4	3.5	.1	.8	.1	.6	.1	.5	.0	.0	.0	.0	.0	.0	.6	5.5	11.2
NW	.0	.4	.4	4.0	.1	1.1	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.7	6.8	11.3
NNW	.0	.2	.5	5.0	.1	1.4	.2	1.5	.1	.7	.0	.1	.0	.0	.0	.0	.9	8.9	12.4
CALM	1.4	13.4															1.4	13.4	
TOTAL	2.0	19.0	5.7	54.7	1.3	12.4	1.0	9.4	.4	3.9	.1	.6	.0	.1	.0	.1	10.4	100	9.2

RELATIVE VISIBILITY

AND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FORT SHERMAN, AR

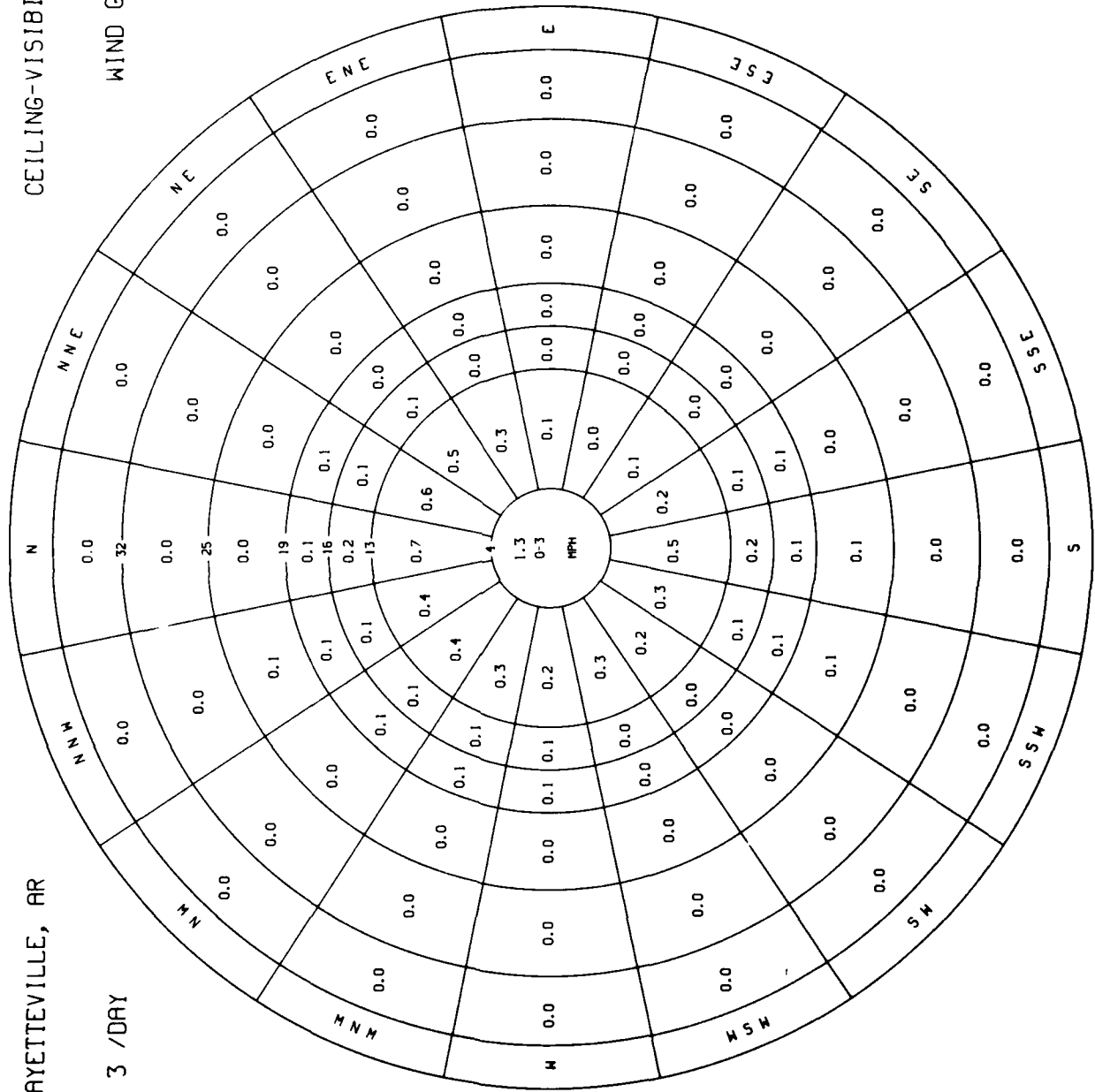
CLASSIFICATION

NO. OBS.: 1813

STATION NUMBER: 94193

DIR	SPEED GROUPS (MPH)												AVG WIND SPEED						
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D		
N	.0	.3	.9	7.1	.3	2.0	.2	1.6	.0	.4	.0	.1	.0	.0	.0	.0	1.4	11.5	11.5
NNE	.0	.3	.8	6.9	.1	1.0	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	1.1	8.9	10.0
N E	.1	.7	.6	5.1	.1	1.0	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.9	7.5	9.7
E NE	.0	.1	.3	2.3	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.0	9.5
E	.0	.2	.2	1.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.5	6.7
ESE	.0	.0	.1	.3	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.6	12.2
SE	.0	.1	.1	.8	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.4	10.6
SSE	.0	.3	.1	1.2	.0	.4	.1	.6	.0	.2	.0	.2	.0	.0	.0	.0	.4	2.9	12.2
S	.1	.8	.5	4.4	.1	1.2	.1	1.1	.0	.3	.0	.2	.0	.0	.0	.0	1.0	7.9	10.4
SSW	.1	.5	.4	3.0	.1	.9	.1	.7	.0	.1	.0	.2	.0	.0	.0	.0	.7	5.3	11.0
SW	.1	.7	.2	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	6.9
WSW	.0	.2	.2	1.8	.0	.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.5	9.3
W	.1	.6	.3	2.5	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.3	8.0
WNW	.0	.2	.3	2.3	.1	.9	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.0	11.2
NW	.1	.7	.5	4.2	.1	1.0	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.9	6.9	10.1
NNW	.1	.8	.7	5.9	.2	1.6	.2	1.6	.1	.4	.0	.1	.0	.0	.0	.0	1.3	10.5	11.4
CALM	2.5	20.1															2.5	20.1	
TOTAL	3.2	26.4	6.2	50.4	1.4	11.1	1.1	8.8	.3	2.4	.1	.8	.0	.0	.0	.1	12.3	100	8.3

FYV FAYETTEVILLE, AR  
 CLASS 3 / DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FYV FAYETTEVILLE, AR

CLASS 3 / DAY

NO. OBS.: 1555

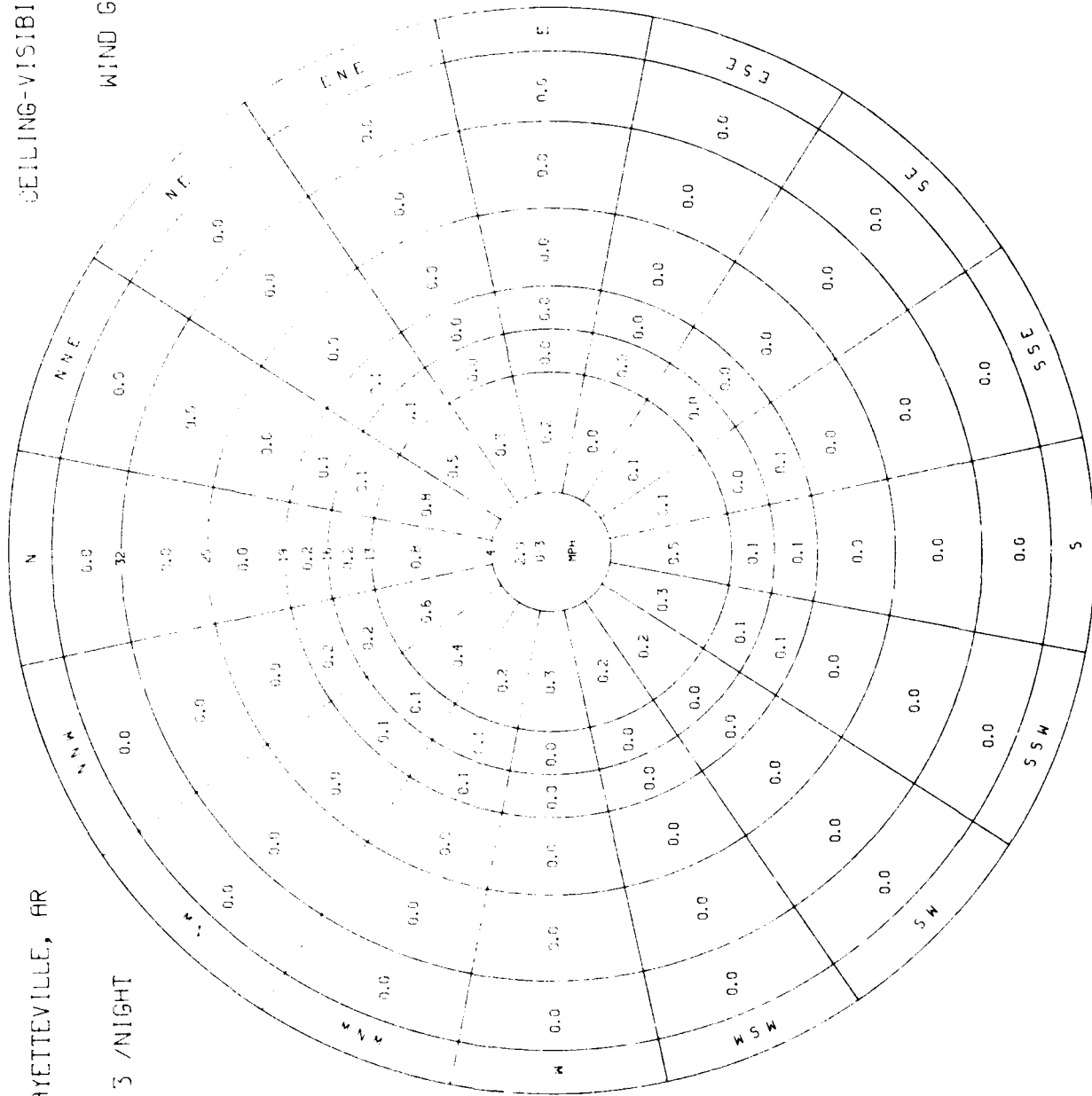
STATION NUMBER: 93993

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.4	.7	8.0	.2	1.8	.1	1.0	.0	.4	.0	.1	.0	.1	.0	.1	1.0	11.7	11.0
NNE	.0	.3	.6	6.2	.1	1.4	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.8	8.8	10.5
NE	.1	.6	.5	5.7	.1	.7	.0	.5	.0	.1	.0	.1	.0	.1	.0	.0	.7	7.7	9.4
ENE	.0	.2	.3	3.7	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.6	9.1
E	.0	.2	.1	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	8.4
ESE	.0	.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.5
SE	.0	.2	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.4	8.3
SSE	.0	.1	.2	2.1	.1	.8	.1	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.4	4.1	12.2
S	.0	.5	.5	5.4	.2	1.9	.1	1.2	.1	.8	.0	.1	.0	.0	.0	.0	.9	9.8	11.5
SSW	.1	.6	.3	3.7	.1	1.1	.1	1.4	.1	.6	.0	.1	.0	.0	.0	.0	.7	7.4	11.7
SW	.0	.5	.2	2.3	.0	.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.6	9.3
WSW	.0	.1	.3	2.8	.0	.4	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.3	3.7	10.0
W	.0	.5	.2	2.2	.1	.6	.1	.6	.0	.1	.0	.1	.0	.0	.0	.1	.4	4.0	10.2
WNW	.0	.2	.3	3.7	.1	1.0	.1	.6	.0	.5	.0	.0	.0	.0	.0	.0	.5	6.0	11.3
NW	.0	.4	.4	4.0	.1	1.0	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.6	6.6	11.4
NNW	.0	.3	.4	4.6	.1	1.4	.1	1.5	.1	.7	.0	.1	.0	.0	.0	.0	.8	8.6	12.5
CALM	.8	9.5															.8	9.5	
TOTAL	1.3	14.4	5.1	57.3	1.2	13.4	.9	10.0	.4	4.2	.1	.6	.0	.1	.6	.0	8.9	100	9.8

CEILING-VISIBILITY  
WIND GRAPH

FYV FAYETTEVILLE, AR

CLASS 3 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

PERIOD: 1950-1978

STATION NAME: FIV FAYETTEVILLE, AR

CLASS 3 / NIGHT

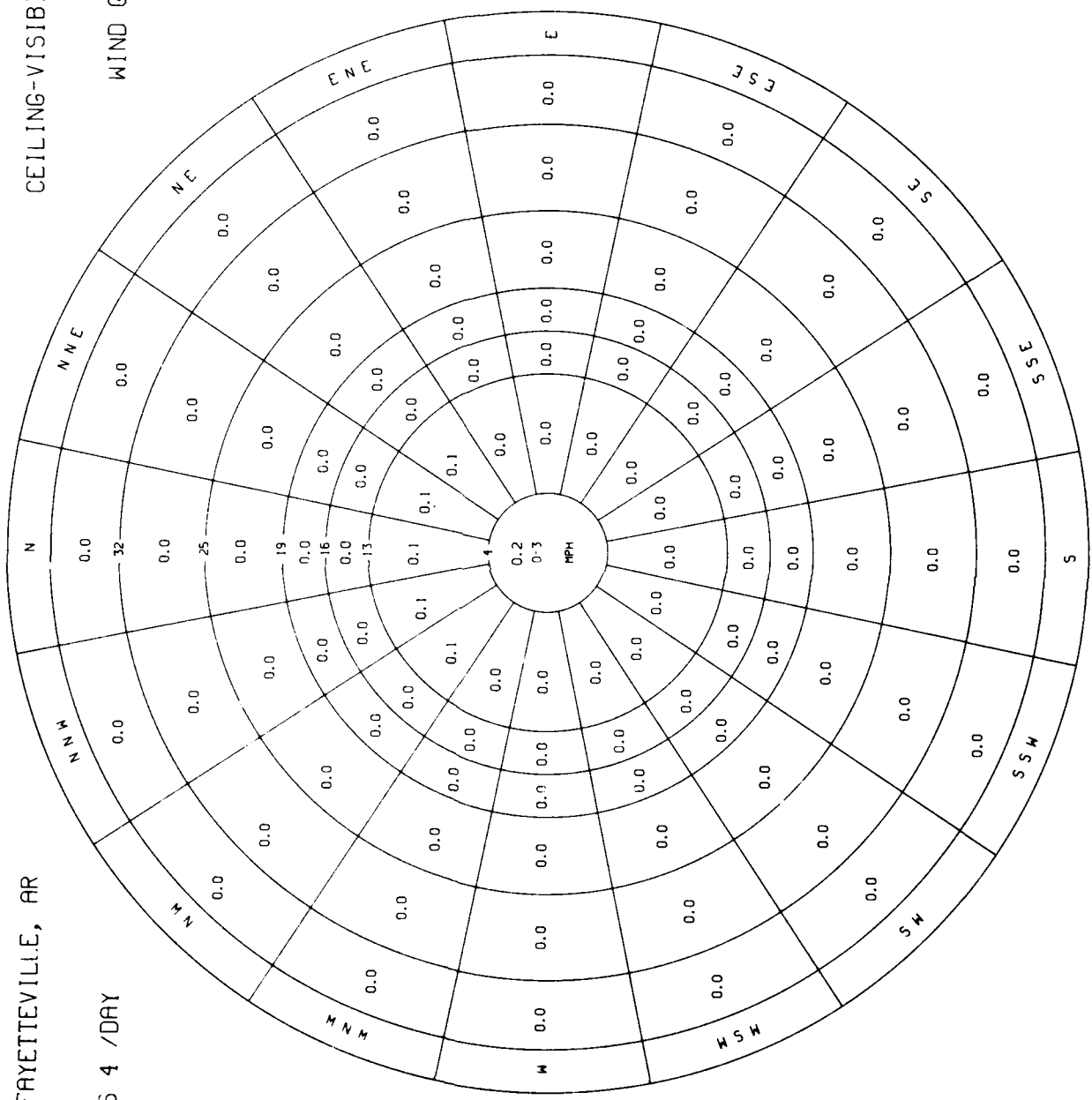
NO. OBS.: 1506

STATION NUMBER: 93993

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.8	8.1	.2	2.3	.2	1.7	.0	.5	.0	.1	.0	.0	1.3	12.9	11.5		
NNE	.0	.3	.8	7.4	.1	1.0	.1	.7	.0	.1	.0	.1	.0	.0	1.0	9.6	10.1		
NE	.1	.6	.5	5.2	.1	1.1	.1	.6	.0	.3	.0	.0	.0	.0	.8	7.8	9.9		
ENE	.0	.1	.3	2.5	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.2	9.4		
E	.0	.2	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	6.7		
ESE	.0	.0	.0	.4	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.1	.7	12.2		
SE	.0	.1	.1	1.0	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.2	1.7	10.6		
SSE	.0	.3	.1	1.4	.0	.5	.1	.7	.0	.3	.0	.2	.0	.0	.3	3.3	12.5		
S	.0	.5	.5	4.7	.1	1.4	.1	1.3	.0	.3	.0	.2	.0	.0	.9	8.4	11.2		
SSW	.0	.5	.3	3.4	.1	1.0	.1	.8	.0	.1	.0	.2	.0	.0	.6	6.0	11.1		
SW	.1	.7	.2	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.6	7.2		
WSW	.0	.2	.2	2.0	.0	.3	.0	.1	.0	.3	.0	.0	.0	.0	.3	2.8	9.5		
W	.1	.5	.3	2.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.5	8.1		
WNW	.0	.2	.2	2.4	.1	.9	.1	.5	.0	.1	.0	.0	.0	.1	.4	4.2	11.5		
NW	.1	.7	.4	4.2	.1	1.1	.1	1.1	.0	.1	.0	.0	.0	.0	.7	7.2	10.4		
NNW	.1	.7	.6	5.8	.2	1.8	.2	1.7	.0	.5	.0	.1	.0	.1	1.1	10.6	11.8		
CALM	1.4	13.7													1.4	13.7			
TOTAL	2.0	19.3	5.6	54.3	1.3	12.4	1.0	10.1	.3	2.9	.1	.9	.0	.1	10.2	100	9.2		

FYV FAYETTEVILLE, AR

CLASS 4 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FYV FAYETTEVILLE, AR

CLASS 4 / DAY

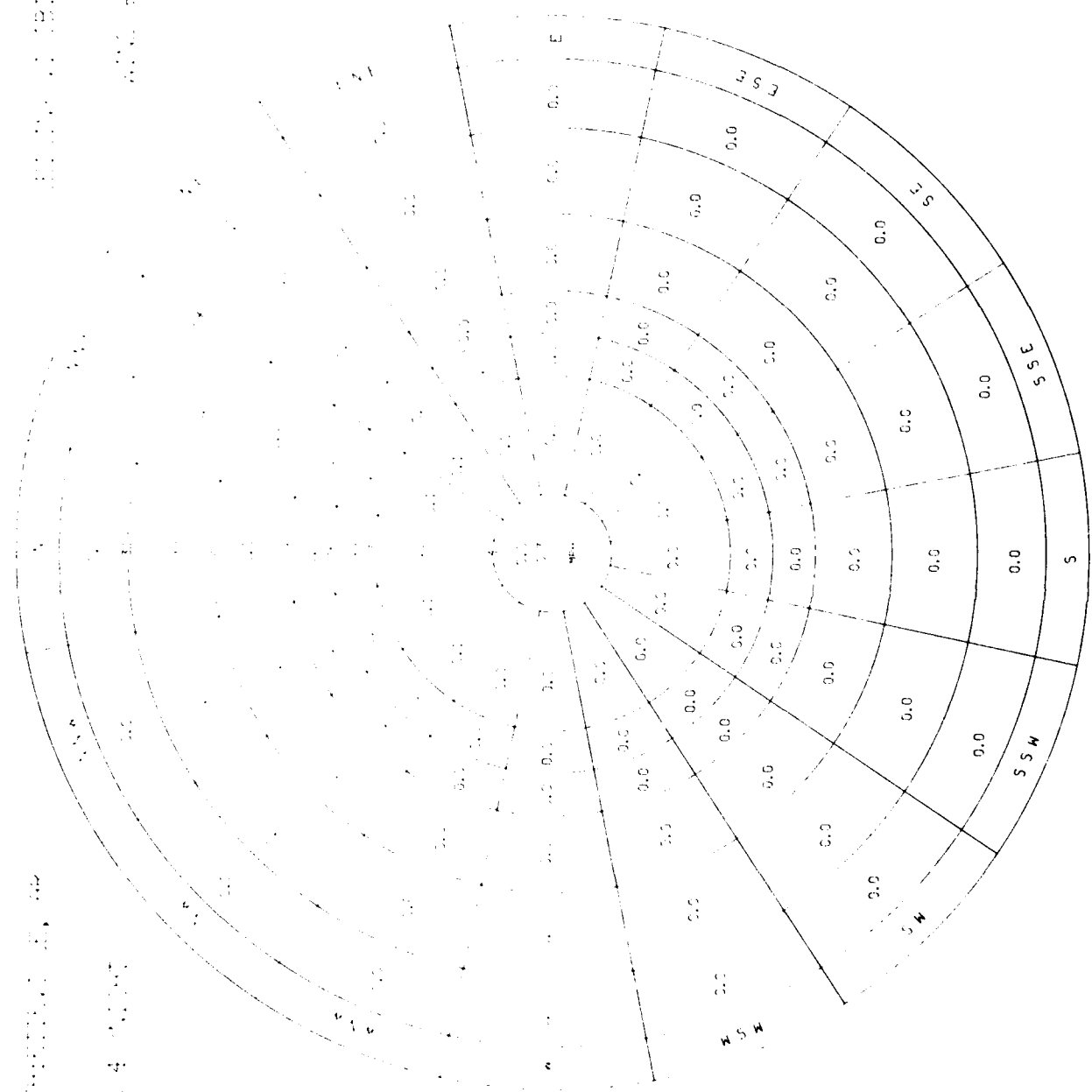
NO. OBS.: 145

STATION NUMBER: 933993

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	6.9	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.1	9.0	10.4	
NNE	.0	.7	.1	8.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.7	8.4	
NE	.0	.7	.1	6.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	8.1	
ENE	.0	.7	.0	2.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	8.4	
E	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	8.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	14.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.4	11.0	
SSW	.0	.7	.0	1.4	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	2.8	10.0	
SW	.0	.7	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	10.7	
WSW	.0	.7	.0	1.4	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	4.1	12.7	
W	.0	.7	.0	2.1	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.8	
WNW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	3.4	10.8	
NW	.0	1.4	.1	6.2	.0	2.8	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.1	12.4	10.2	
NNW	.0	.0	.1	10.3	.0	2.1	.0	2.1	.0	.7	.0	.7	.0	.0	.0	.1	15.9	12.2	
CALM	.2	21.4														.2	21.4		
TOTAL	.2	28.3	.4	49.0	.1	10.3	.1	8.3	.0	3.4	.0	.7	.0	.0	.0	.8	100	8.0	

ST. PETERSBURG, FLA. 1944

ST. PETERSBURG, FLA. 1944



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: *CV FORT BELLEVILLE, MO* PERIOD: 1950-1978

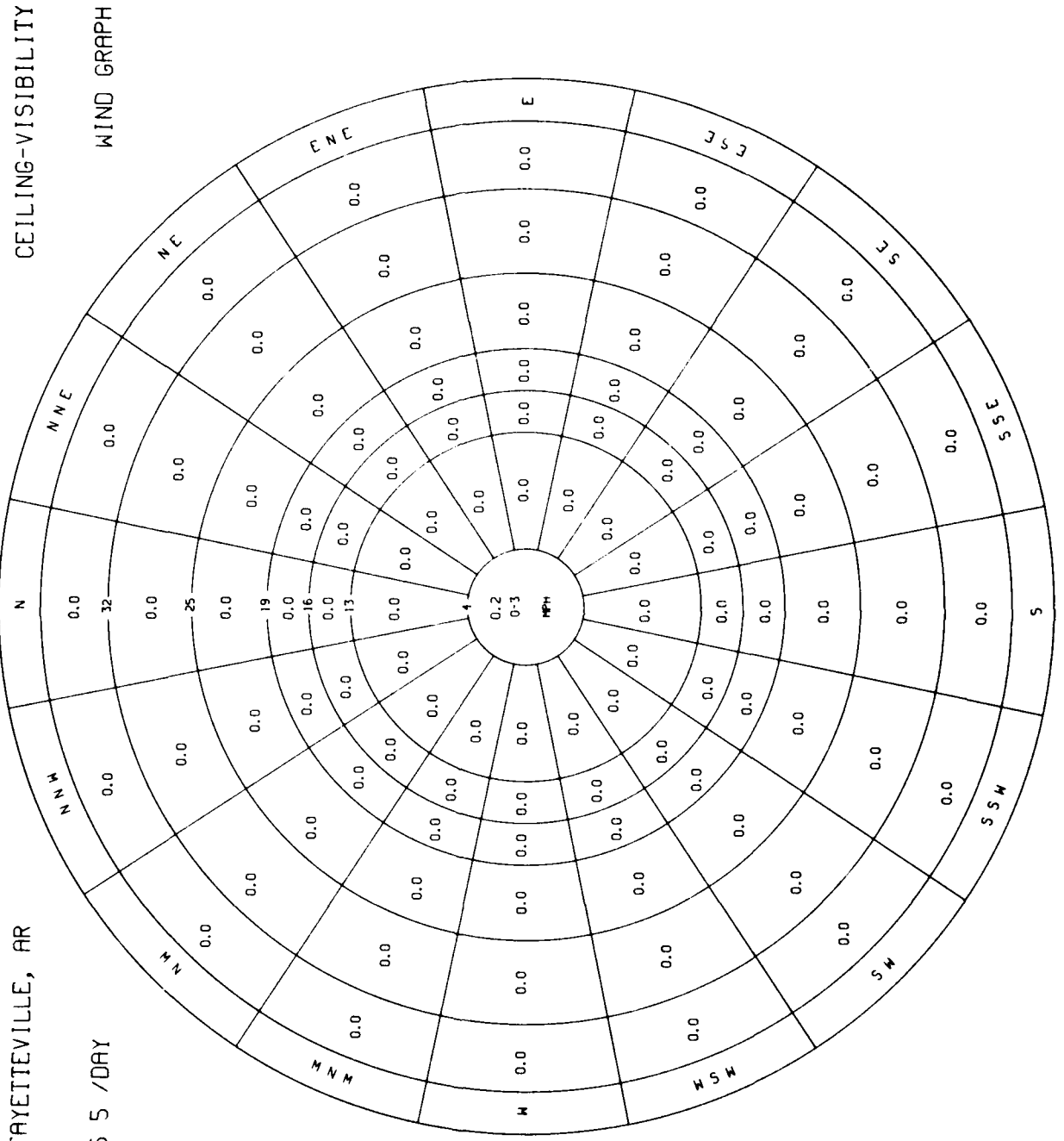
CLASS 4 / NIGHT

STATION NUMBER: 8443 NO. OBS.: 162

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED						
	0-3			4-12			13-15			16-18			19-24			25-31					32+			TOTAL	
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	
N	.0	1.2	.0	.2	3.7	.0	1.2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.0	10.2
NNE	.0	.6	.0	.1	5.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	9.7
NE	.0	1.2	.0	.1	6.3	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.3	8.5
ENE	.0	.0	.0	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	10.4
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
S	.0	1.2	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.6
SSW	.0	.6	.0	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	9.0
SW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
WSW	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0
W	.0	.6	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.8
WNW	.0	.6	.0	.0	1.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.3
NW	.0	.6	.0	.1	4.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	8.7
NNW	.0	2.5	.0	.1	9.3	.0	1.2	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.2	14.2	8.6
CALM	.4	34.6																					.4	34.6	
TOTAL	.5	45.1		.5	42.0		.1	9.3	.0	3.1	.0	.6	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	1.1	100	5.7

FYV FAYETTEVILLE, AR

CLASS 5 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FYV FAYETTEVILLE, AR

PERIOD: 1950-1978

CLASS 5 / DAY

STATION NUMBER: 93993

NO. OBS.: 53

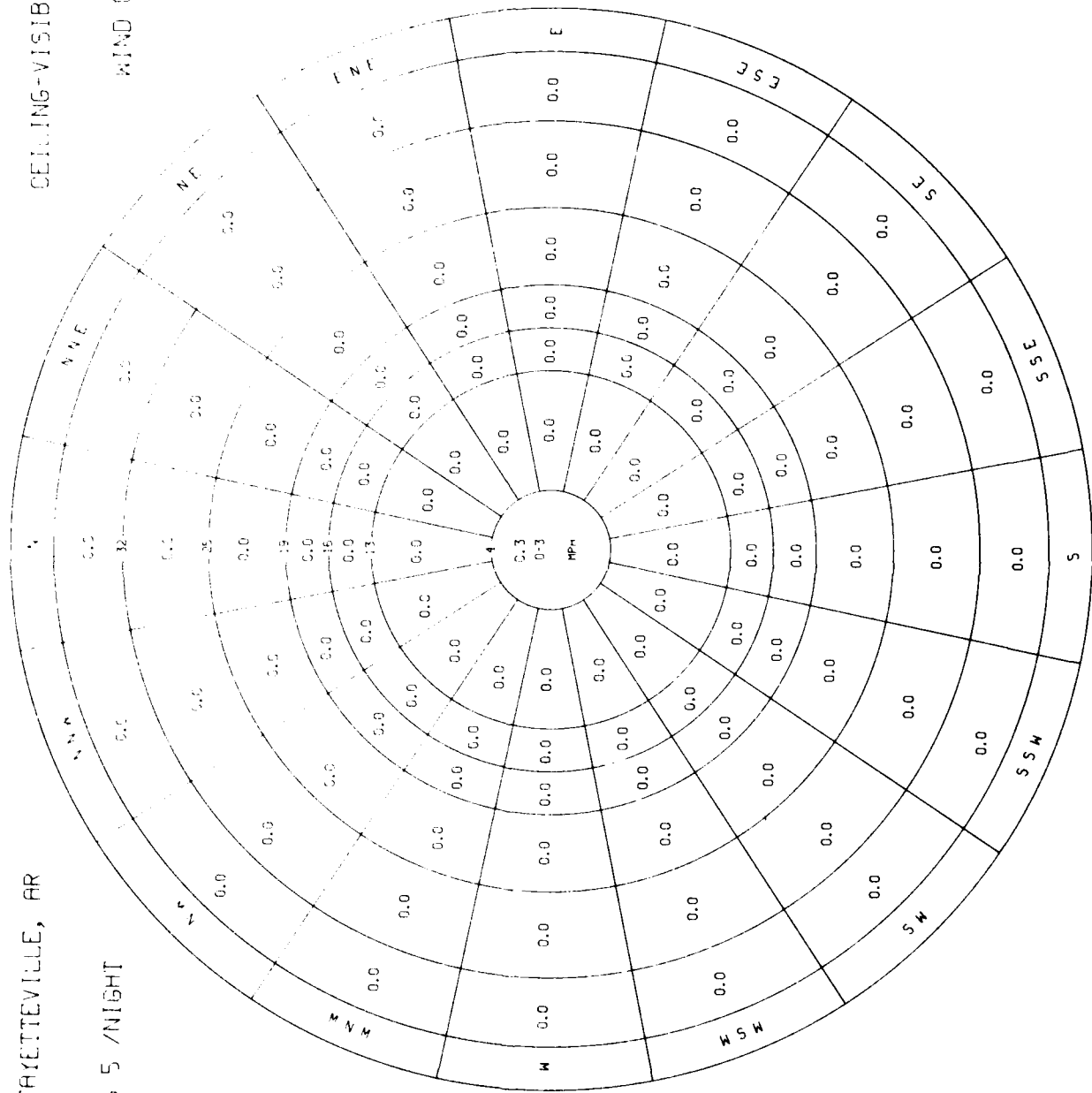
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	1.9	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	3.8	13.5	
NNE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0	
NE	.0	3.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	4.3	
ENE	.0	1.9	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.0	
E	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	3.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	3.7	
SSW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.0	
SW	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	9.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	3.8	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	5.7	12.3	
NNW	.0	.0	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	9.2	
CALM	.2	52.8															.2	52.8	
TOTAL	.2	64.2	.1	32.1	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	

CEILING-VISIBILITY

WIND GRAPH

FYV FAYETTEVILLE, AR

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLY FAYETTEVILLE, AR

PERIOD: 1950-1978

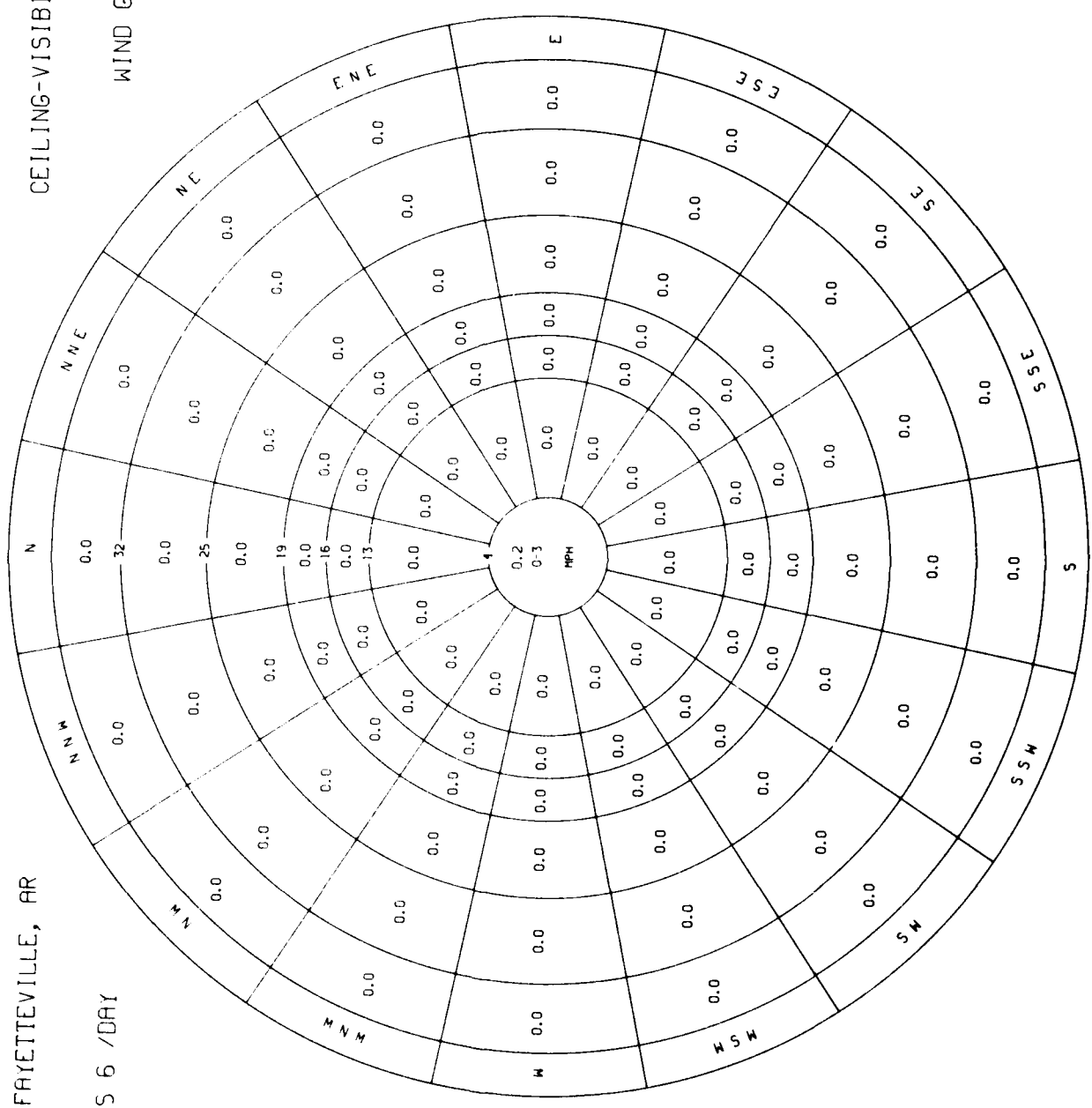
CLASS: DAY / NIGHT

STATION NUMBER: 93393

NO. OBS.: 61

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.0
NNE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	10.0
NE	.0	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.0
ENE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	12.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	2.3
SSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	10.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.0
W	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.5
WNW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.0
NW	.0	.0	.0	4.9	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.2
NNW	.0	.0	.0	1.6	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	15.0
CALM	.3	63.9																.3	63.9
TOTAL	.3	70.5	.1	23.0	.0	1.6	.0	4.9	.0	.0	.0	.0	4.9	.0	.0	.0	.0	.4	100

FYV FAYETTEVILLE, AR  
 CLASS 6 /DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

STATION NAME: FYV FAYETTEVILLE, AR

PERIOD: 1950-1978

CLASS 6 / DAY

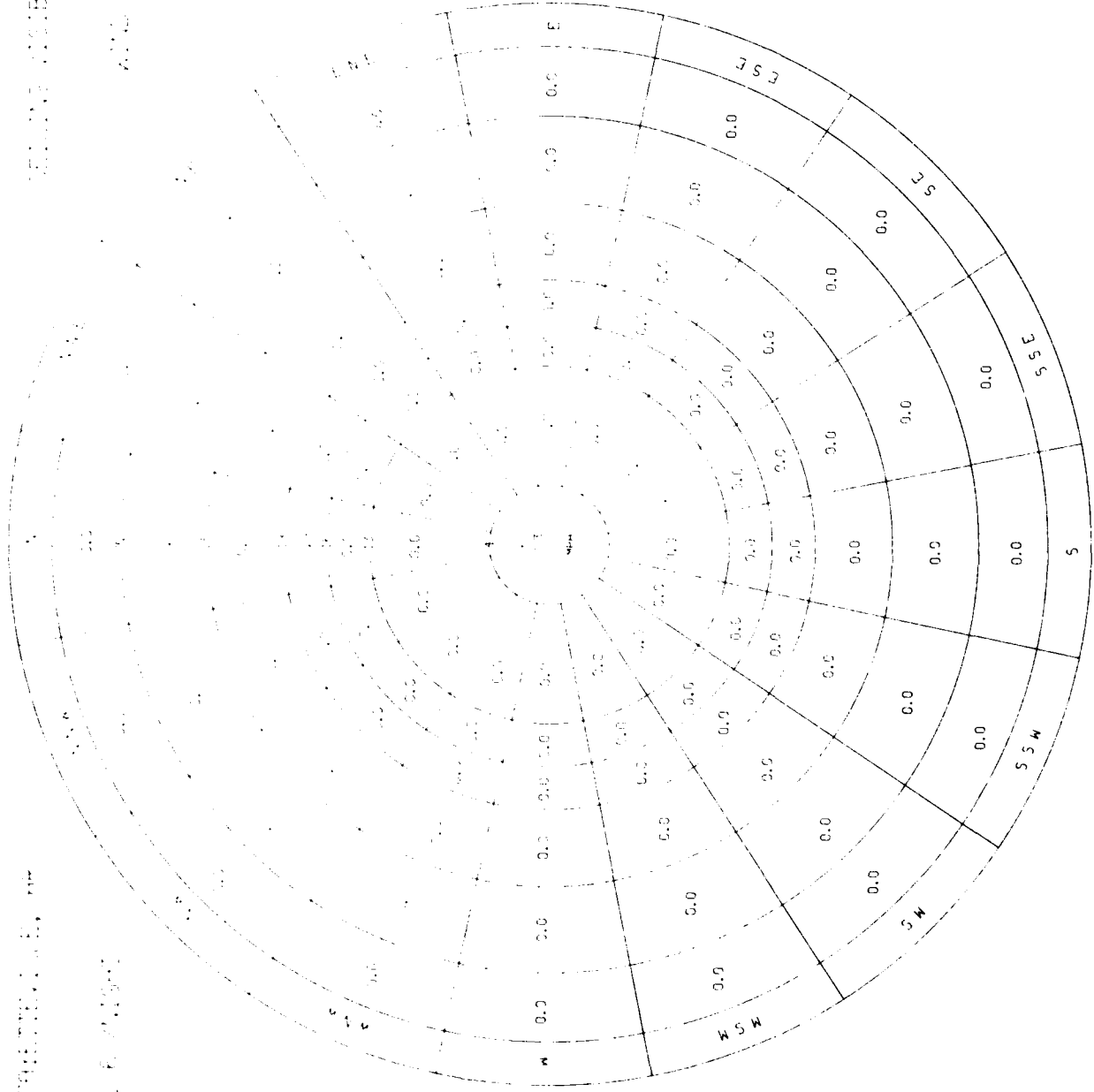
STATION NUMBER: 93993

NO. OBS.: 50

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
NE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
ENE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
E	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	
SE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	
S	.0	4.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	
SSW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	
CALM	.2	72.0																2 72.0	
TOTAL	.2	86.0	.0	14.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3 100 1.3	

RELATIVE VISIBILITY

AND GRAPH



RELATIVE VISIBILITY, mm

RELATIVE VISIBILITY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAY FARETTEVILLE, AR

CLASS 6 / NIGHT

NO. OBS.: 84

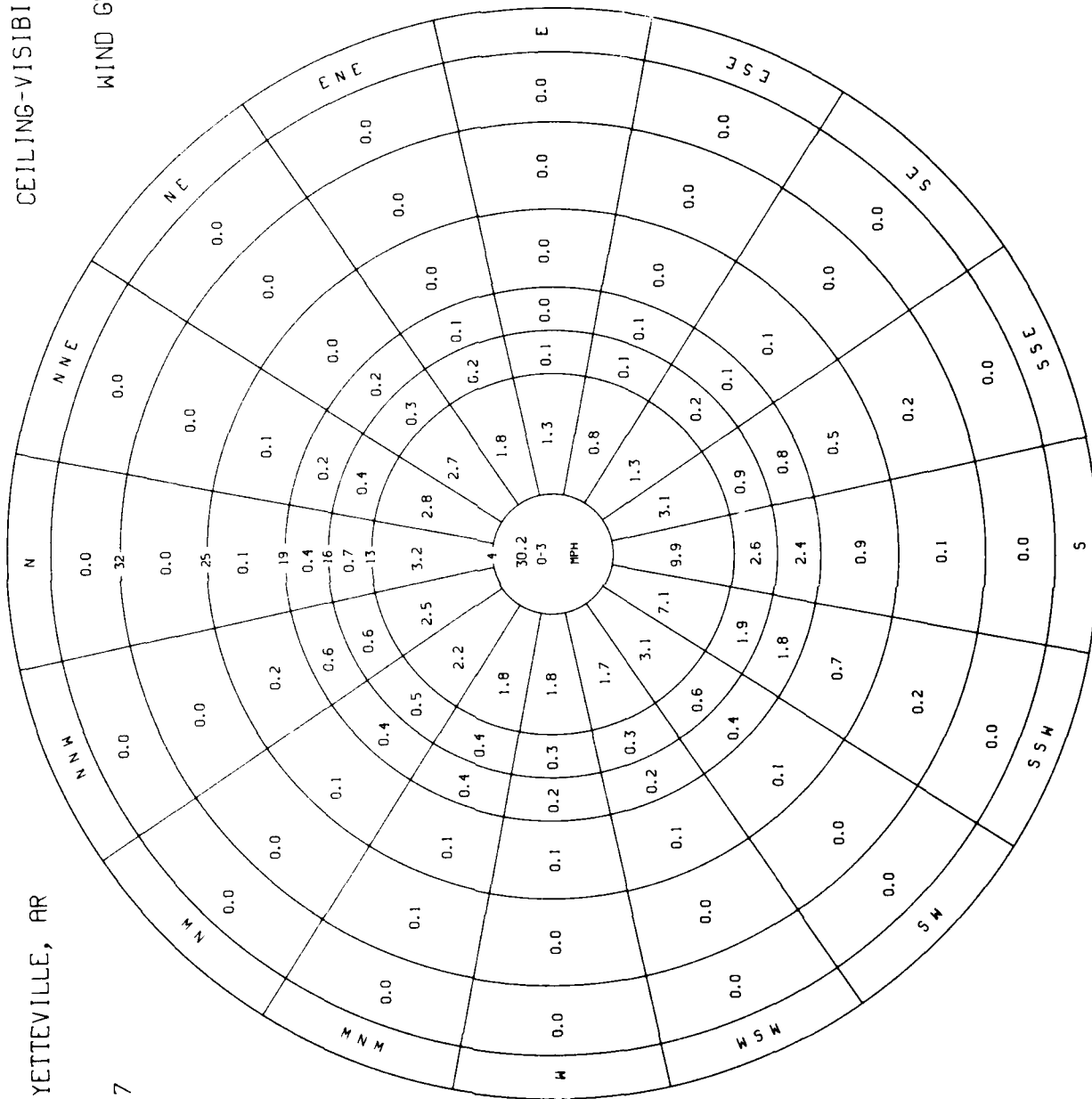
STATION NUMBER: 1093

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
ENE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
S	.0	2.4	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	4.8
SSW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.0
SW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.0
NNW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.5
CALM	4.75.0																		4.75.0
TOTAL	5.84.5		.1 15.5		.0 .0		.0 .0		.0 .0		.0 .0		.0 .0		.0 .0		.6 100		1.3

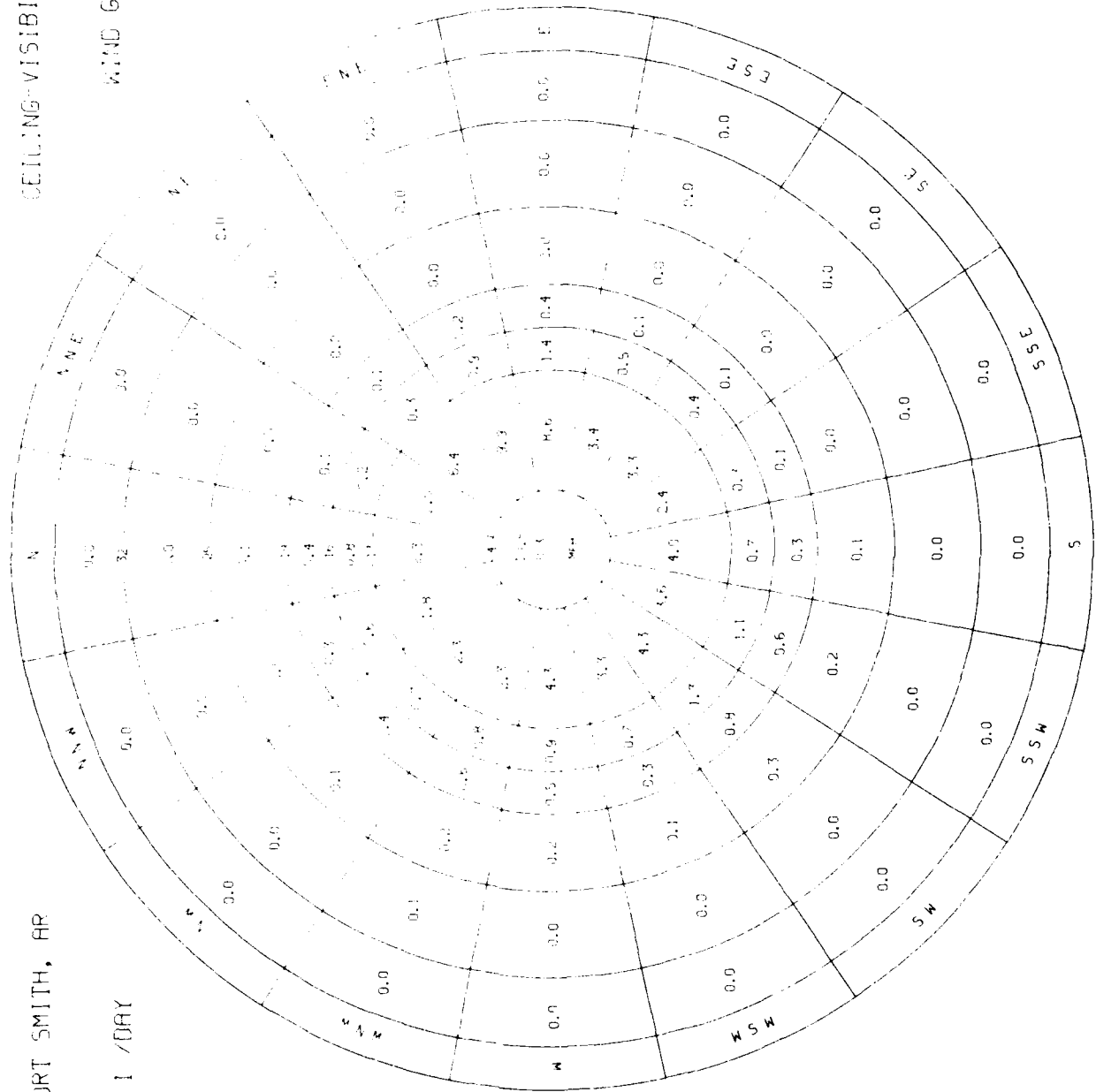
CEILING-VISIBILITY  
WIND GRAPH

FYV FAYETTEVILLE, AR

CLASS 7



CEILING-VISIBILITY  
WIND GRAPH



FSM FORT SMITH, AR

CLASS I /DAY

PRECEDING PAGE BLANK-NOT FILMED

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: F5M FORT SMITH, AR

PERIOD: 1949-1978

CLASS 1 / DAY

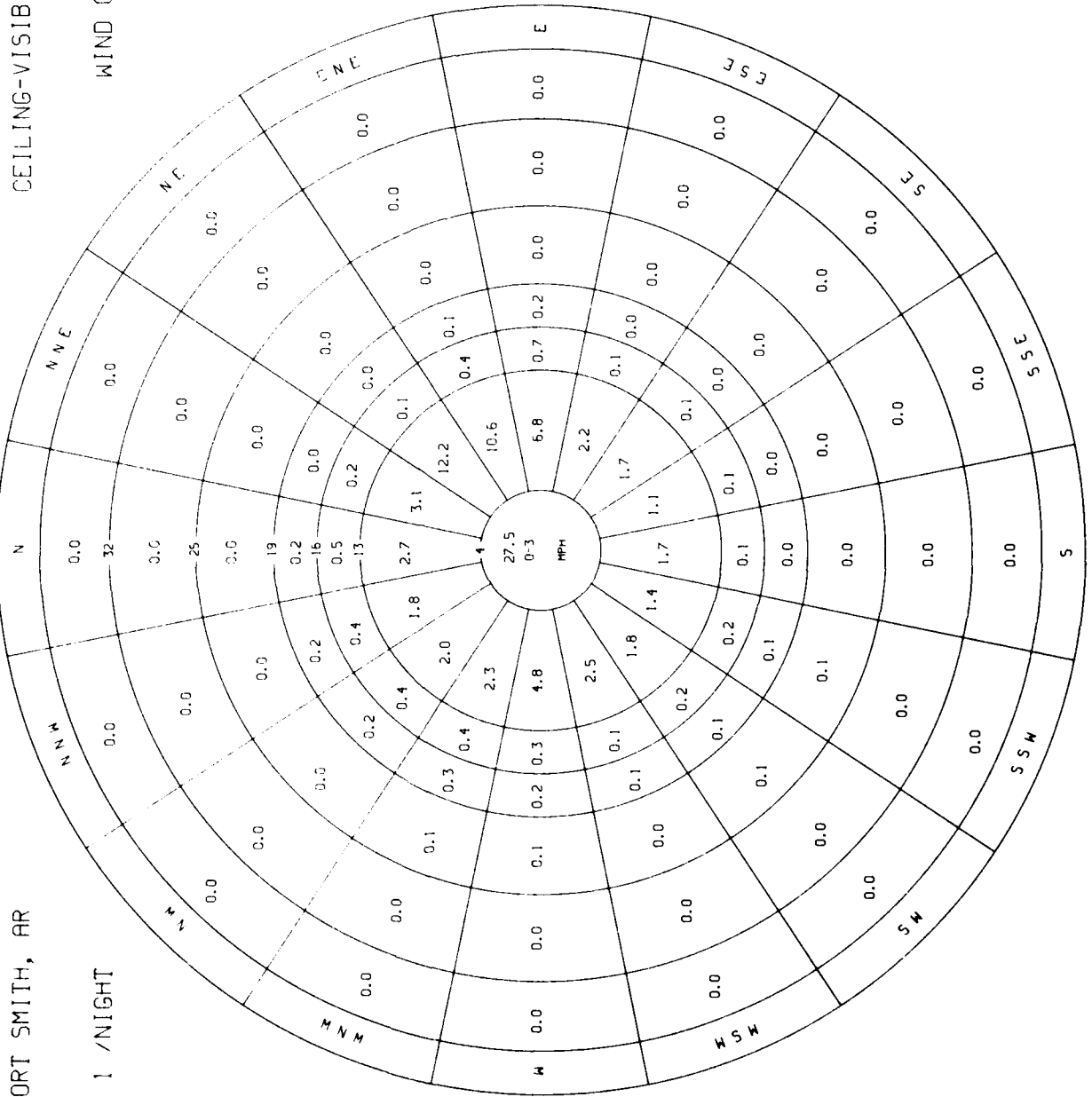
STATION NUMBER: 13964

NO. OBS.: 44238

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.3	.3	2.3	2.5	.8	.8	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.8	4.1	10.1
NNE	.4	.4	2.0	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.9	8.0
NE	1.2	1.3	6.4	6.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.5	6.8
ENE	.9	1.0	9.9	10.6	.9	1.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	12.9	8.0
E	.9	1.0	8.6	9.3	1.4	1.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	12.3	8.7
ESE	.4	.4	3.4	3.7	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.7	8.4
SE	.5	.5	3.3	3.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.6	8.2
SSE	.3	.3	2.4	2.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.3	8.4
S	.5	.5	4.0	4.3	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.1	5.9	8.9
SSW	.3	.3	3.6	3.8	1.1	1.2	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	5.9	6.3	10.8
SW	.4	.5	4.3	4.6	1.3	1.4	.8	.9	.3	.3	.0	.0	.0	.0	.0	.0	.0	7.2	7.7	10.7
WSW	.3	.3	3.3	3.5	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.7	5.0	9.5
W	.4	.5	4.3	4.6	.9	.9	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	6.3	6.8	9.9
WNW	.2	.3	2.3	2.5	.8	.8	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	4.3	4.6	11.3
NW	.2	.3	2.3	2.5	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.8	4.1	10.4
NNW	.2	.2	1.8	1.9	.6	.7	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.1	10.4
CALM	3.0	3.2																3.0	3.2	
TOTAL	10.5	11.2	64.2	68.9	11.6	12.5	5.2	5.6	1.4	1.5	.2	.3	.0	.0	.0	.0	.0	93.2	100	8.8

CEILING-VISIBILITY

WIND GRAPH



FSM FORT SMITH, AR

CLASS 1 / NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FSM FORT SMITH, AR

PERIOD: 1949-1978

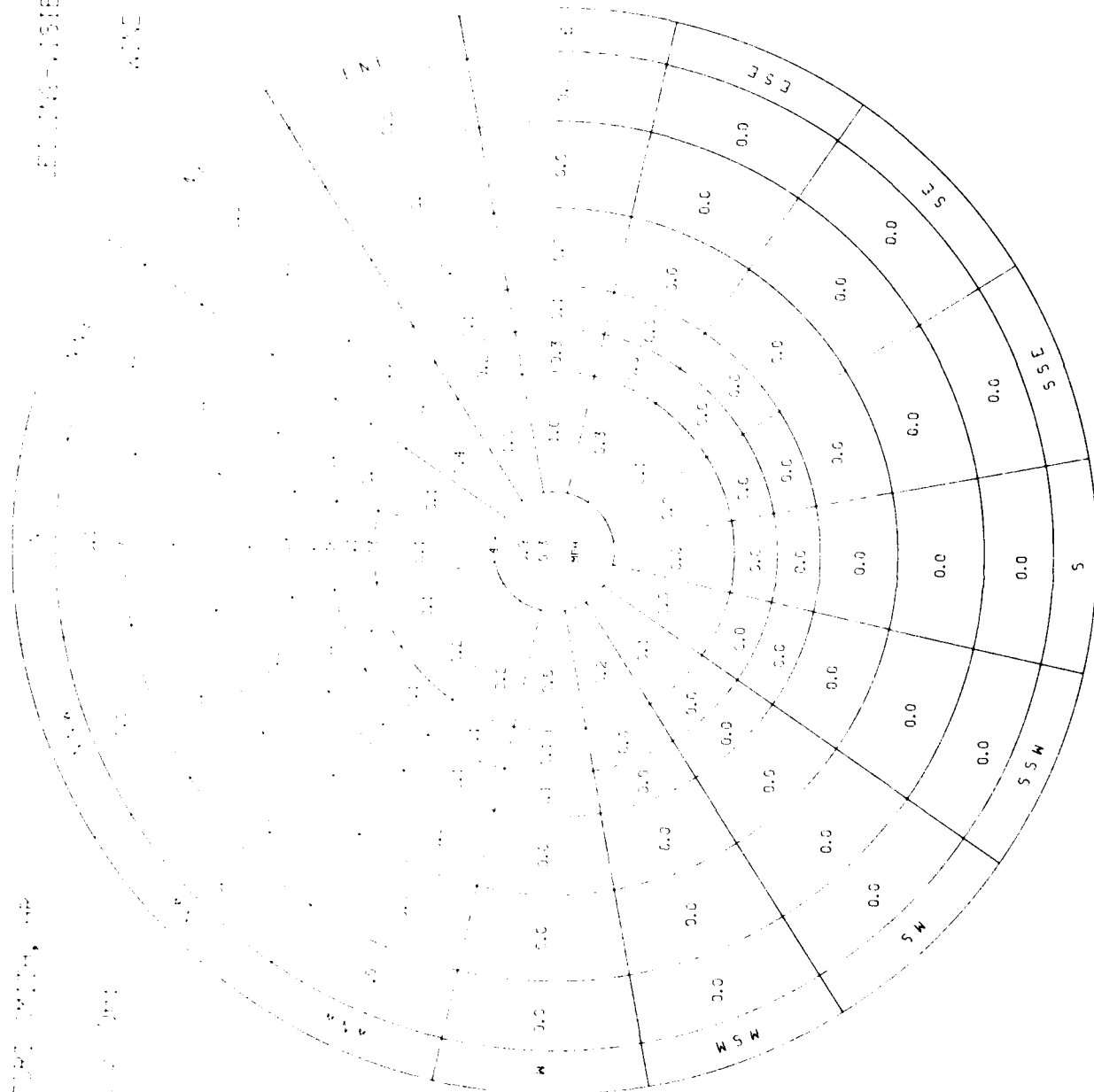
CLASS 1 / NIGHT

STATION NUMBER: 13964

NO. OBS.: 37326

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.5	.6	2.7	2.9	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.3	8.7
NNE	1.0	1.1	3.1	3.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.7	6.3
NE	3.6	3.9	12.2	13.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.0	17.2	5.7
ENE	2.6	2.8	10.6	11.4	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	13.7	14.7	6.4
E	1.7	1.8	6.8	7.4	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	9.4	10.2	7.4
ESE	.6	.7	2.2	2.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.3	6.5
SE	.7	.8	1.7	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.7	5.9
SSE	.4	.4	1.1	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.7	6.1
S	.7	.7	1.7	1.9	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.8	6.5
SSW	.4	.5	1.4	1.5	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.2	2.4	8.4
SW	.9	1.0	1.8	1.9	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.3	6.9
WSW	.8	.9	2.5	2.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.8	6.3
W	.9	1.0	4.8	5.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6.3	6.8	7.5
WNW	.3	.3	2.3	2.5	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.4	3.7	9.7
NW	.3	.3	2.0	2.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.1	9.3
NNW	.2	.2	1.8	1.9	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.8	9.5
CALM	11.8	12.7															11.8	12.7	
TOTAL	27.5	29.6	58.7	63.1	4.2	4.5	1.9	2.0	.6	.6	.1	.1	.0	.0	.0	.0	92.9	100	6.1

FROM PLOT WITH, AND  
 VISIBILITY  
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

CLASS 2 / 14

NO. OBS.: 3249

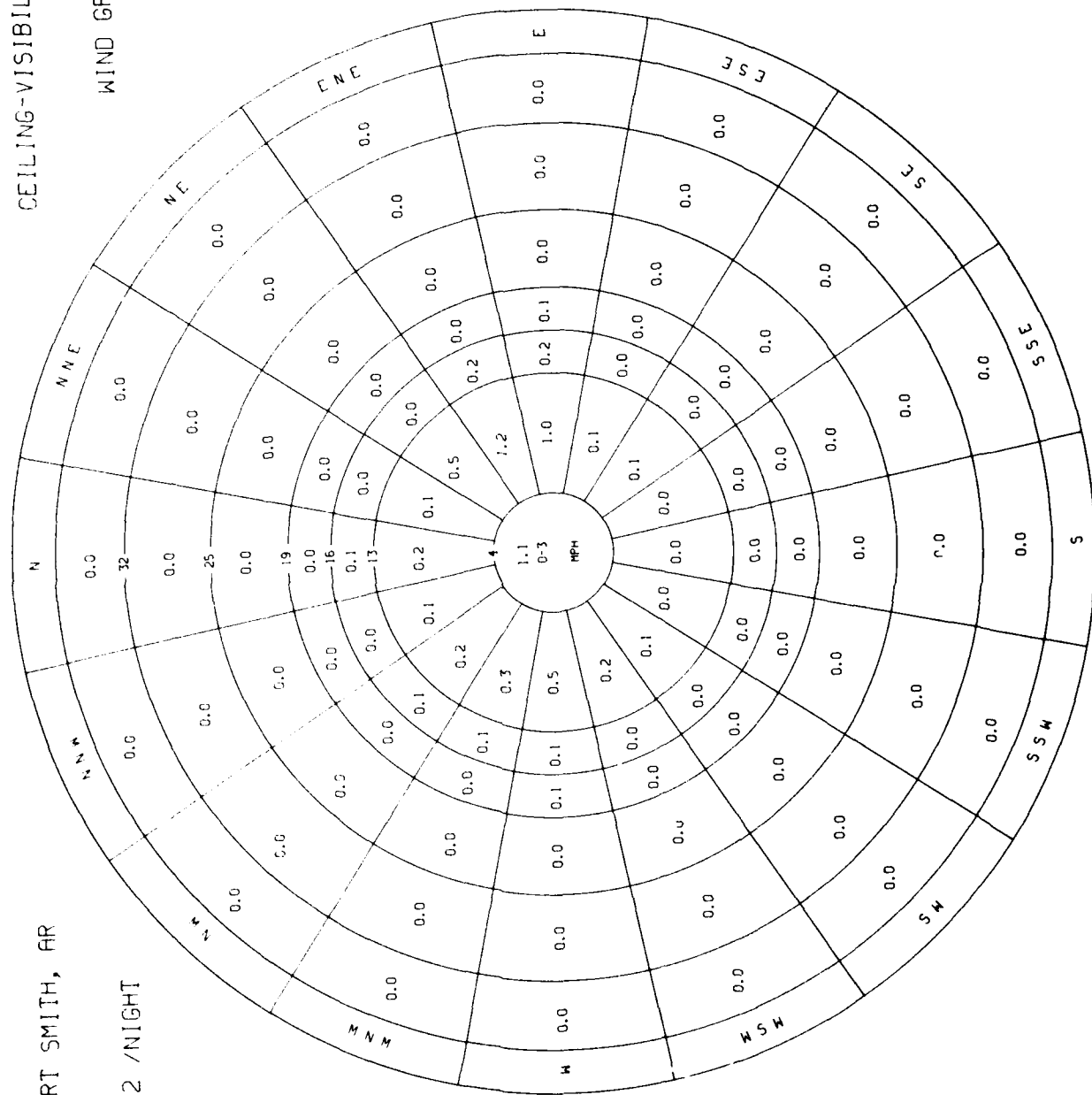
STATION NAME: WIND FORT WORTH, TX

STATION NUMBER: 1949

D	SPEED GROUPS (MPH)																		AVG WIND SPEED									
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL					
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C		A	B	C	A	B	C			
N	.0	.4		.1	.4		.7	.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	9.6
NNE	.0	.4		.1	.8		.2	.2		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.6	8.0
NENE	.1	1.3		.4	3.4		.5	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.7	.4	7.2
ENE	.1	1.2		1.0	15.1		2	2.3		1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	19.3	8.9	
E	.1	1.3		1.0	4.7		3	4.1		1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	21.5	9.8	
ESE	.1	.8		.3	3.8		.6	.6		.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.4	8.3	
SE	.0	.2		.1	1.0		.0	.1		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	7.2	
SSE	.0	.2		.0	.5		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	5.9	
S	.0	.6		.0	.6		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	6.1	
SSW	.0	.2		.0	.4		.0	.1		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.9	
SW	.0	.5		.1	1.1		.0	.1		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	6.9	
WSW	.0	.5		.2	3.5		.0	.5		.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.9	6.8	
W	.0	.6		.5	7.1		.1	1.7		.1	1.1	.0	.0	.6	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	11.1	10.7	
WNW	.0	.2		.2	3.4		.1	1.4		.1	1.1	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	6.6	11.7	
NW	.0	.1		.2	3.1		.1	1.1		.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0	10.9	
NNW	.0	.2		.1	1.5		.0	.5		.0	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	10.1	
CALM	.3	4.5																							.3	4.5		
TOTAL	.9	13.1		4.5	65.1		1.0	14.2		.4	6.0	.1	1.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	6.8	100	8.9	

CEILING-VISIBILITY

WIND GRAPH



FSM FORT SMITH, AR

CLASS 2 / NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: F3M FORT SMITH, AR

CLASS 2 / NIGHT

NO. OBS.: 2838

STATION NUMBER: 13964

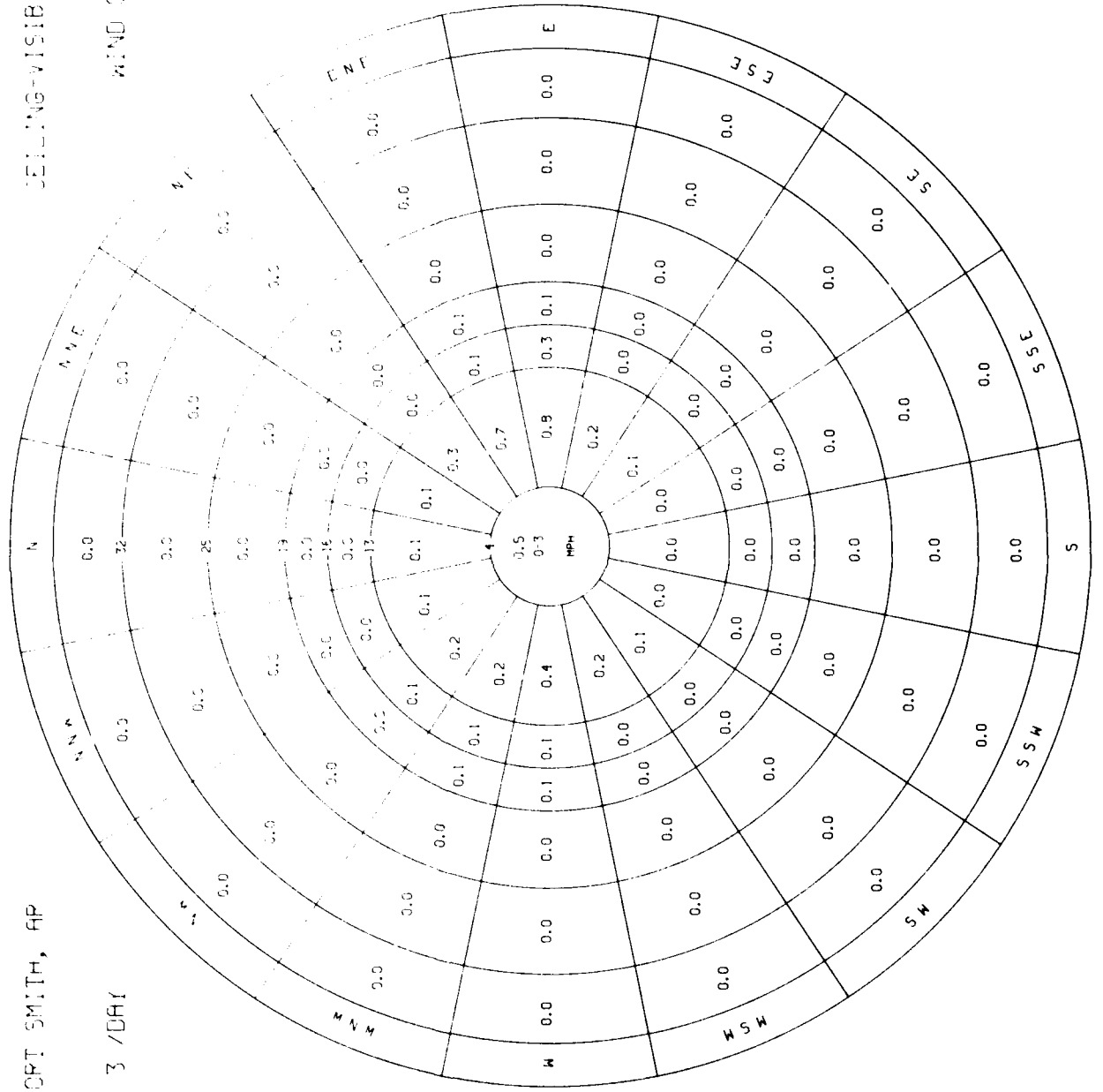
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.2	2.9	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.2	9.4
NNE	.0	.5	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	6.9
NE	.1	1.6	.5	6.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.2	6.3
ENE	.1	1.4	1.2	17.0	.2	2.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	1.5	21.2	8.7	
E	.1	1.3	1.0	14.0	.2	3.4	.1	.8	.0	.1	.0	.0	.0	.0	.0	1.4	19.7	9.5	
ESE	.0	.3	.1	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	8.1	
SE	.0	.4	.1	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.3	6.8	
SSE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.2
S	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.3
SSW	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.1
SW	.0	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	5.5	
WSW	.0	.5	.2	3.2	.0	.7	.0	.5	.0	.1	.0	.0	.0	.0	.0	.4	5.0	9.2	
W	.0	.6	.5	6.8	.1	1.9	.1	1.3	.0	.4	.0	.0	.0	.0	.0	.8	11.0	10.4	
WNW	.0	.4	.3	4.6	.1	1.7	.0	.7	.0	.4	.0	.1	.0	.0	.0	.6	7.8	11.3	
NW	.0	.3	.2	2.7	.1	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	4.7	10.5	
NNW	.0	.1	.1	1.7	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	2.5	10.0	
CALM	.5	6.7																	
TOTAL	1.1	15.7	4.6	65.0	.9	13.1	.3	4.9	.1	1.1	.0	.2	.0	.0	.0	7.1	100	8.5	

FSM FORT SMITH, AP

CLASS 3 /DAY

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FSM FORT SMITH, AR

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 13964

NO. OBS.: 2531

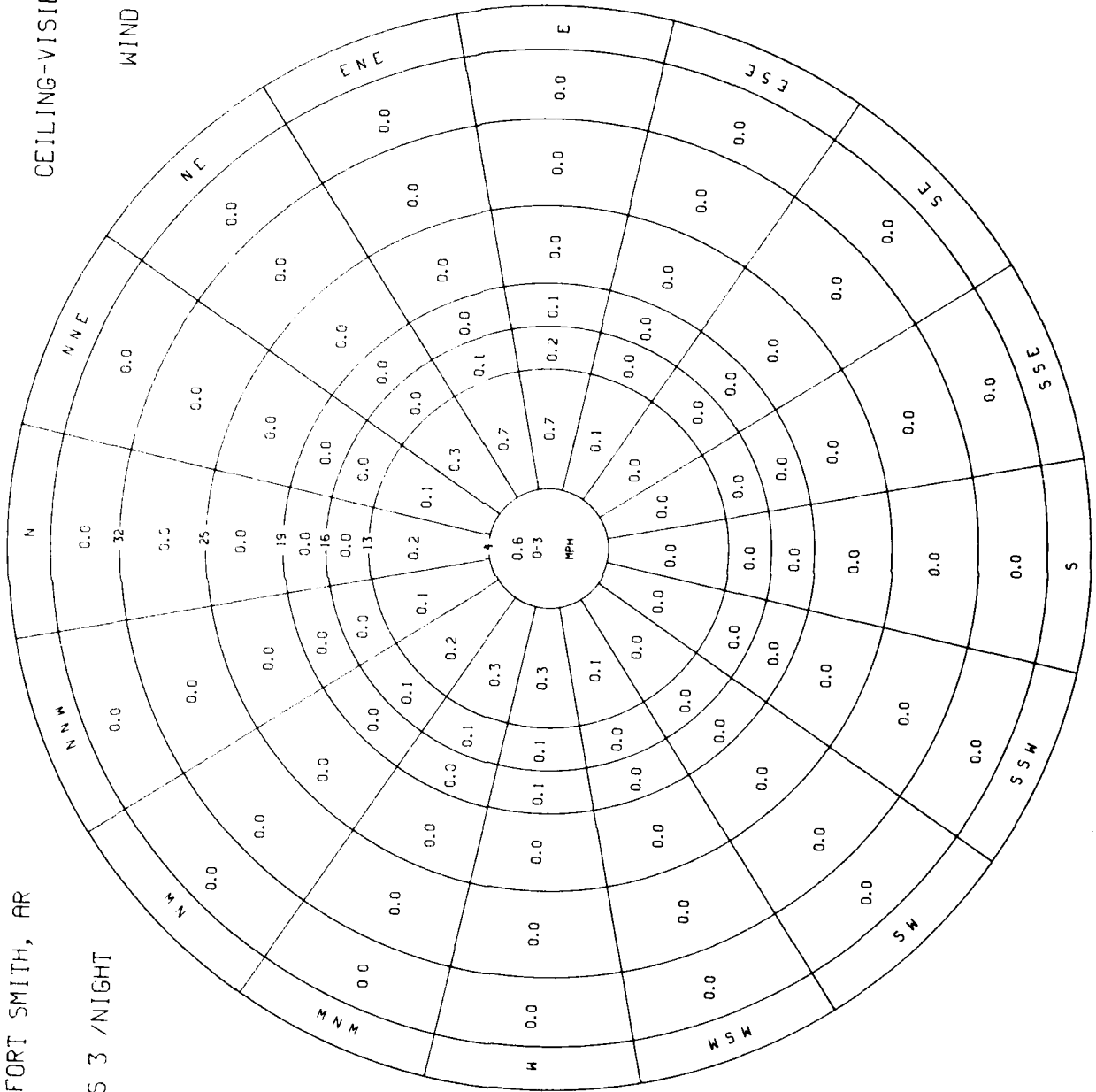
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.1	2.1	.0	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.6	9.3
NNE	.0	.5	.1	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	8.0
NE	.1	1.1	.3	4.9	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.4	6.7	7.5	
ENE	.0	.9	.7	13.3	.1	2.5	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.9	17.7	9.4	
E	.1	.9	.8	14.7	.3	4.8	.1	1.5	.0	.2	.0	.0	.0	.0	.0	1.2	22.2	10.2	
ESE	.0	.5	.2	4.2	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.3	5.8	8.8	
SE	.0	.2	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	7.4	
SSE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.3
S	.0	.7	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.6	
SSW	.0	.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.9
SW	.0	.2	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	7.6	
WSW	.0	.6	.2	3.1	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	4.4	8.8	
W	.0	.5	.4	6.6	.1	2.0	.1	1.3	.0	.7	.0	.1	.0	.0	.6	11.3	11.3		
WNW	.0	.3	.2	4.0	.1	1.6	.1	1.3	.0	.4	.0	.1	.0	.0	.4	7.8	11.8		
NW	.0	.1	.2	3.9	.1	1.3	.0	.6	.0	.1	.0	.0	.0	.0	.3	6.1	11.0		
NNW	.0	.1	.1	1.7	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.8	10.3		
CALM	.1	2.4													.1	2.4			
TOTAL	.5	9.8	3.5	64.8	.9	16.0	.4	7.2	.1	1.9	.0	.2	.0	.0	5.3	10.0			9.5

FSM FORT SMITH, AR

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

PERIOD: 1949-1978

STATION NAME: FSM FORT SMITH, AR

CLASS 3 / NIGHT

NO. OBS.: 1934

STATION NUMBER: 13964

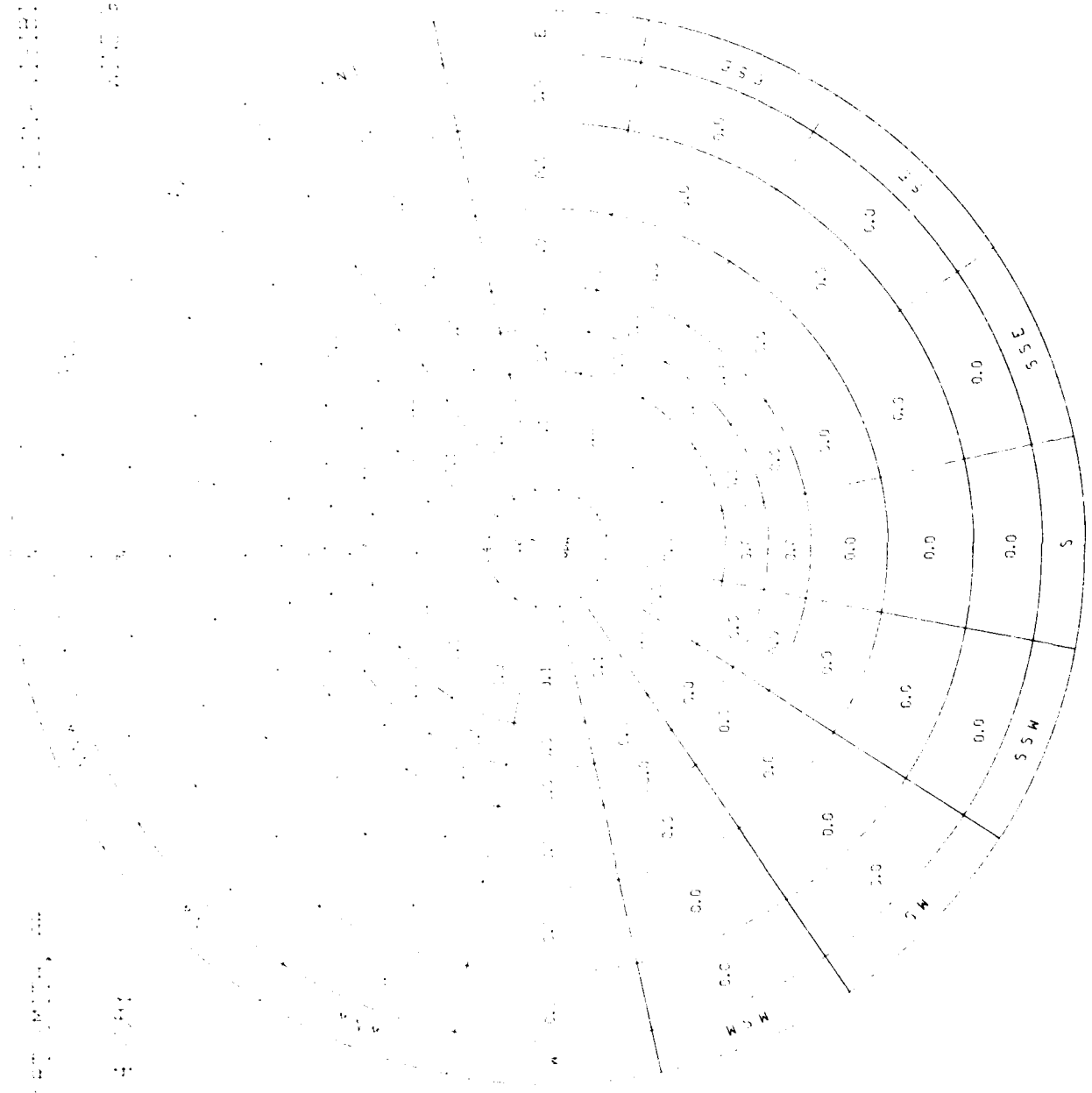
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.4	.2	3.5	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.1	9.7
NNE	.0	.3	.1	1.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	7.7
NE	.0	.9	.3	5.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.6	6.8
ENE	.0	.8	.7	13.9	.1	2.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	18.2	9.5
E	.0	1.0	.7	14.6	.2	3.9	.1	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.0	20.8	10.0
ESE	.0	.3	.1	1.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	8.7
SE	.0	.2	.0	.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.2	8.5
SSE	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.1
S	.0	.3	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.4
SSW	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.9
SW	.0	.4	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.9
WSW	.0	.3	.1	2.6	.0	.8	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	4.3	10.1
W	.0	.7	.3	6.6	.1	2.3	.1	1.6	.0	.5	.0	.0	.0	.0	.0	.0	.6	11.6	10.9	
WNW	.0	.5	.3	5.8	.1	2.4	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.5	10.3	11.5	
NW	.0	.3	.2	3.6	.1	1.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	6.2	10.7	
NNW	.0	.2	.1	2.3	.0	.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	10.1	
CALM	.2	4.5															.2	4.5		
TOTAL	.6	11.7	3.1	64.2	.8	16.1	.3	6.3	.1	1.5	.0	.2	.0	.1	4.8	100	.2	4.5		9.3

STATION STABILITY

1950-1951

STATION STABILITY

1950-1951



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FARM HOUSE, WINDY, AR

CLASS: 4 / 547

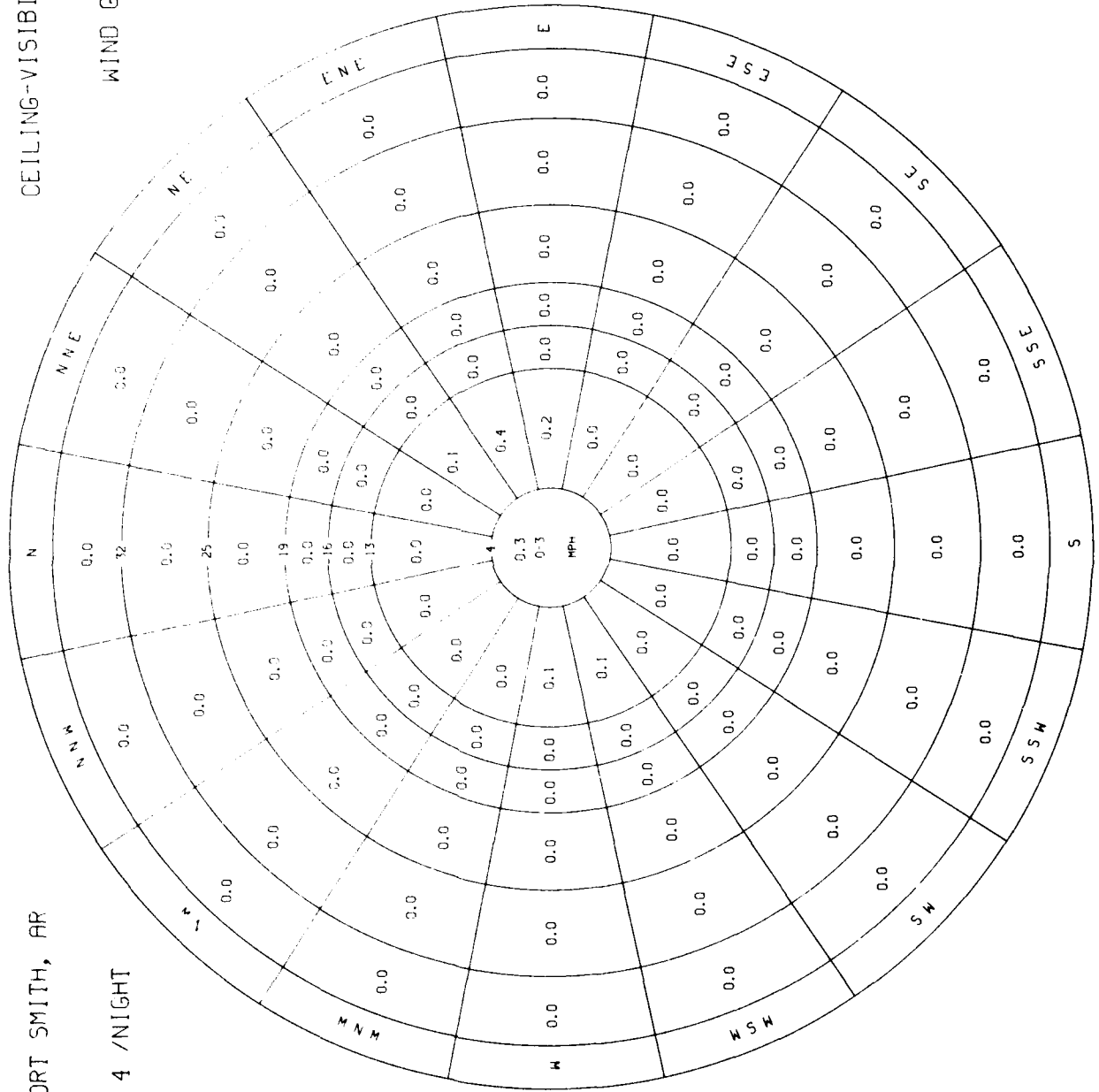
NO. OBS.: 455

STATION NUMBER: 1961

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.2	.5	1.3	.3	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	11.1	
NNE	.0	.0	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.2
NNE	.0	1.1	.1	6.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.8	7.7
ENE	.0	.9	.2	2.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	22.6	8.3
E	.0	2.4	.1	14.3	.0	2.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	19.8	8.4
ESE	.0	1.1	.0	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.6
SE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.5
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
S	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.2
SSW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
SW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.5
WSW	.0	.2	.1	6.2	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	9.2
W	.0	1.3	.1	9.7	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.7	8.9
WNW	.0	.4	.0	1.3	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	10.7
NW	.0	.2	.0	.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.7
NNW	.0	.4	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.1
CALM	.1	8.6																.1	8.6	
TOTAL	.2	19.1	.6	67.7	.1	10.5	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.0	100	7.6

CEILING-VISIBILITY

WIND GRAPH



FSM FORT SMITH, AR

CLASS 4 /NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FSM FORT SMITH, AR

CLASS 4 / NIGHT

NO. OBS.: 567

STATION NUMBER: 13964

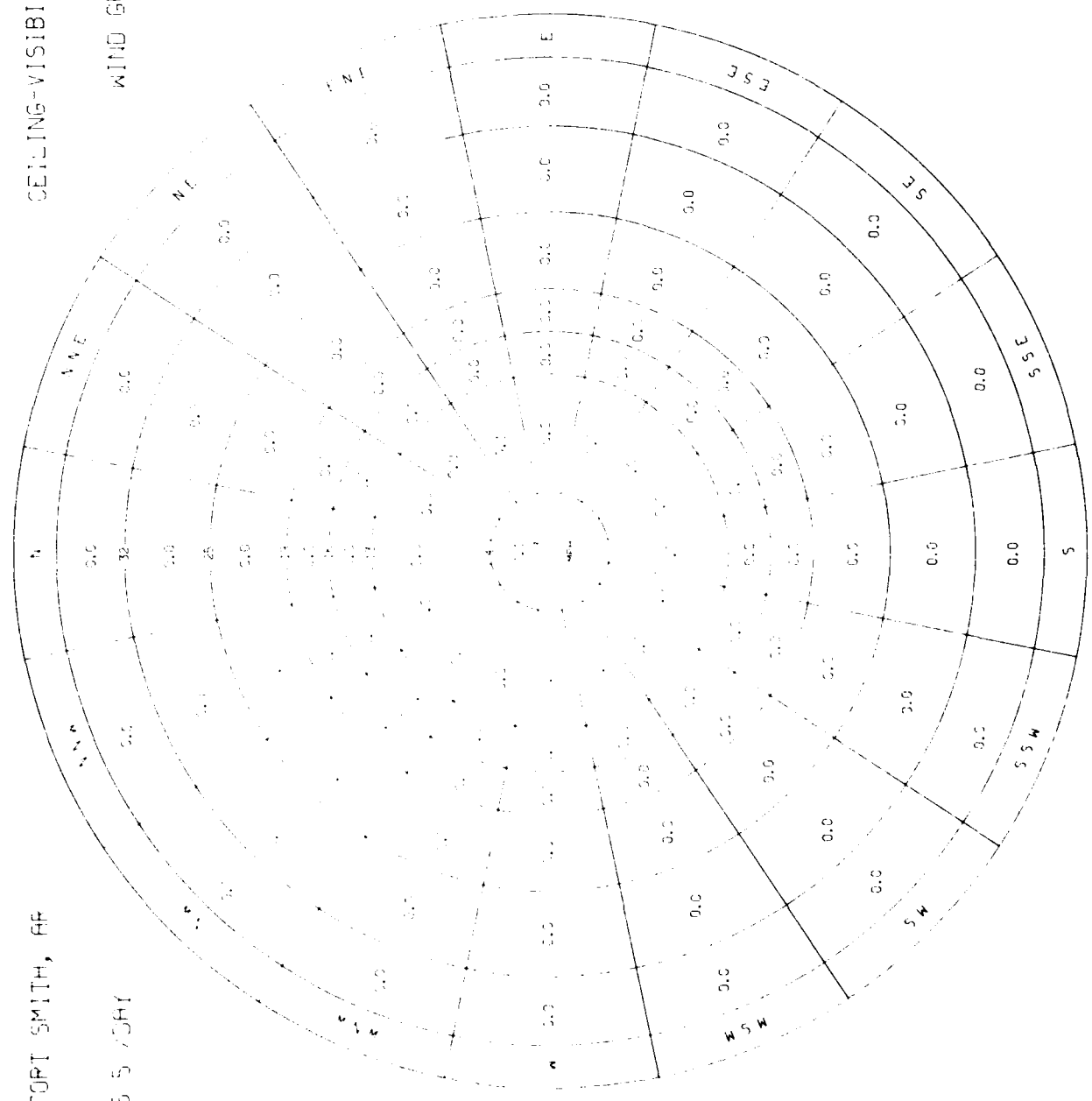
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.2	.0	1.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.3
NNE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
NE	.0	2.3	.1	7.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.6	5.9
ENE	.0	2.1	.4	24.9	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.4	29.3	8.0	8.4
E	.0	2.1	.2	13.9	.0	2.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.3	19.2	8.4	5.7	4.2
ESE	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.3
SE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	8.5
SSE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0
S	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.2
SSW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.3
SW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.9
WSW	.0	1.2	.1	4.4	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	6.7	8.3	9.9	10.5
W	.0	.4	.1	8.1	.0	1.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.2	11.3	10.5	9.7	8.2
WNW	.0	.0	.0	2.1	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.4
NW	.0	.4	.0	1.1	.0	.4	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.9	8.2
NNW	.0	.0	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.4
CALM	.1	7.6																.1	7.6	
TOTAL	.3	18.5	1.0	69.5	.1	8.6	.0	2.6	.0	.2	.0	.5	.0	.0	.0	1.4	100	7.4		

CEILING-VISIBILITY

WIND GRAPH

FSM FORT SMITH, AF

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: F3M FORT SMITH, AR

PERIOD: 1949-1978

CLASS E / SA\*

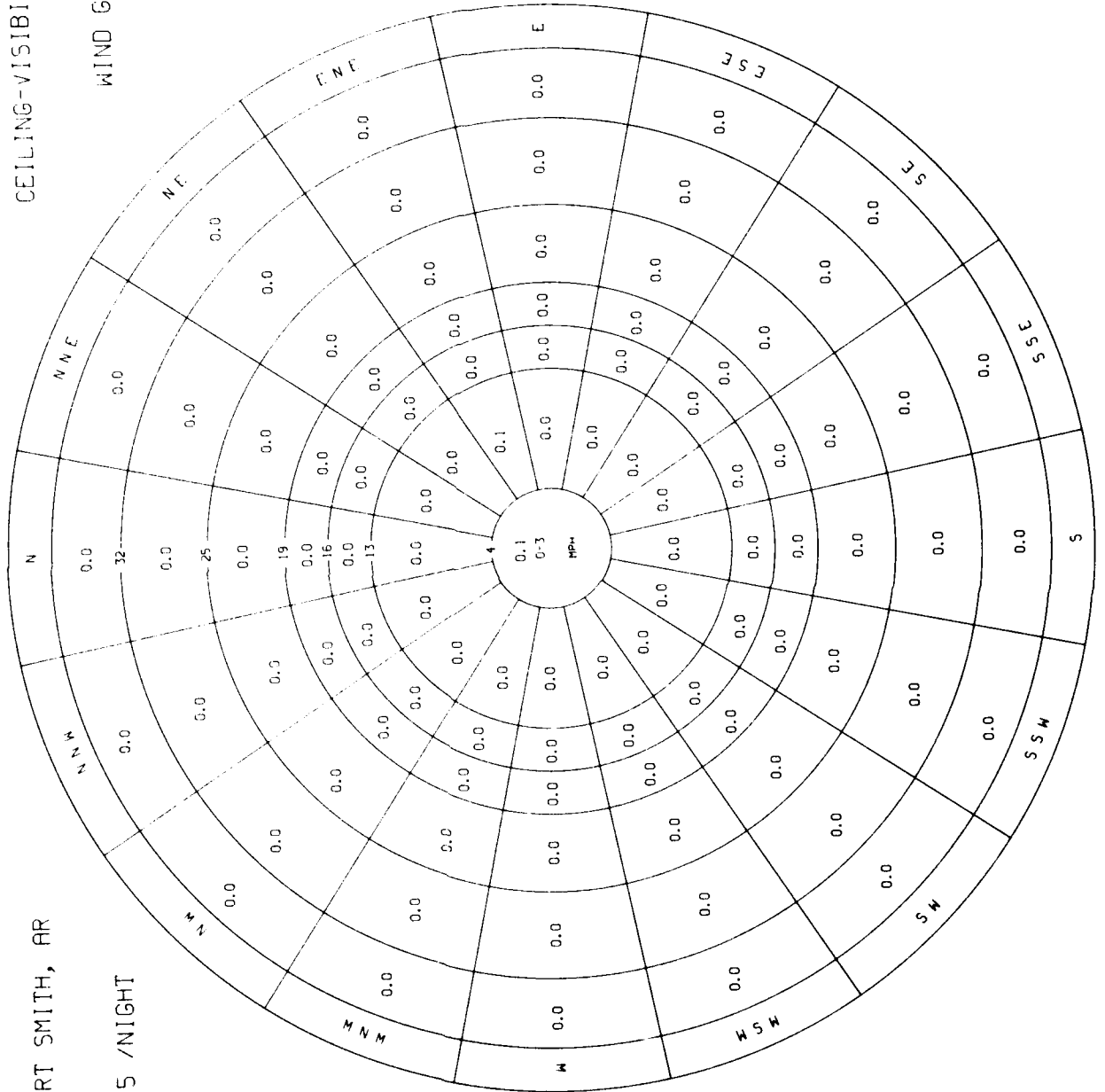
STATION NUMBER: 13964

NO. OBS.: 98

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	12.0	
NNE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0	
NE	.0	6.1	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	5.0	
ENE	.0	.0	.1	24.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	25.5	7.9	
E	.0	2.0	.0	18.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23.5	7.7	
ESE	.0	4.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.7	
SE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	2.0	
SSE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0	
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.5	
W	.0	1.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.3	
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	9.0	
NW	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	14.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	16.3															16.3		
TOTAL	.1	31.6	.1	63.3	.0	4.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.2	16.3	5.9	

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

PERIOD: 1949-1978

STATION NAME: FSM FORT SMITH, AR

CLASS 5 / NIGHT

NO. OBS.: 130

STATION NUMBER: 13964

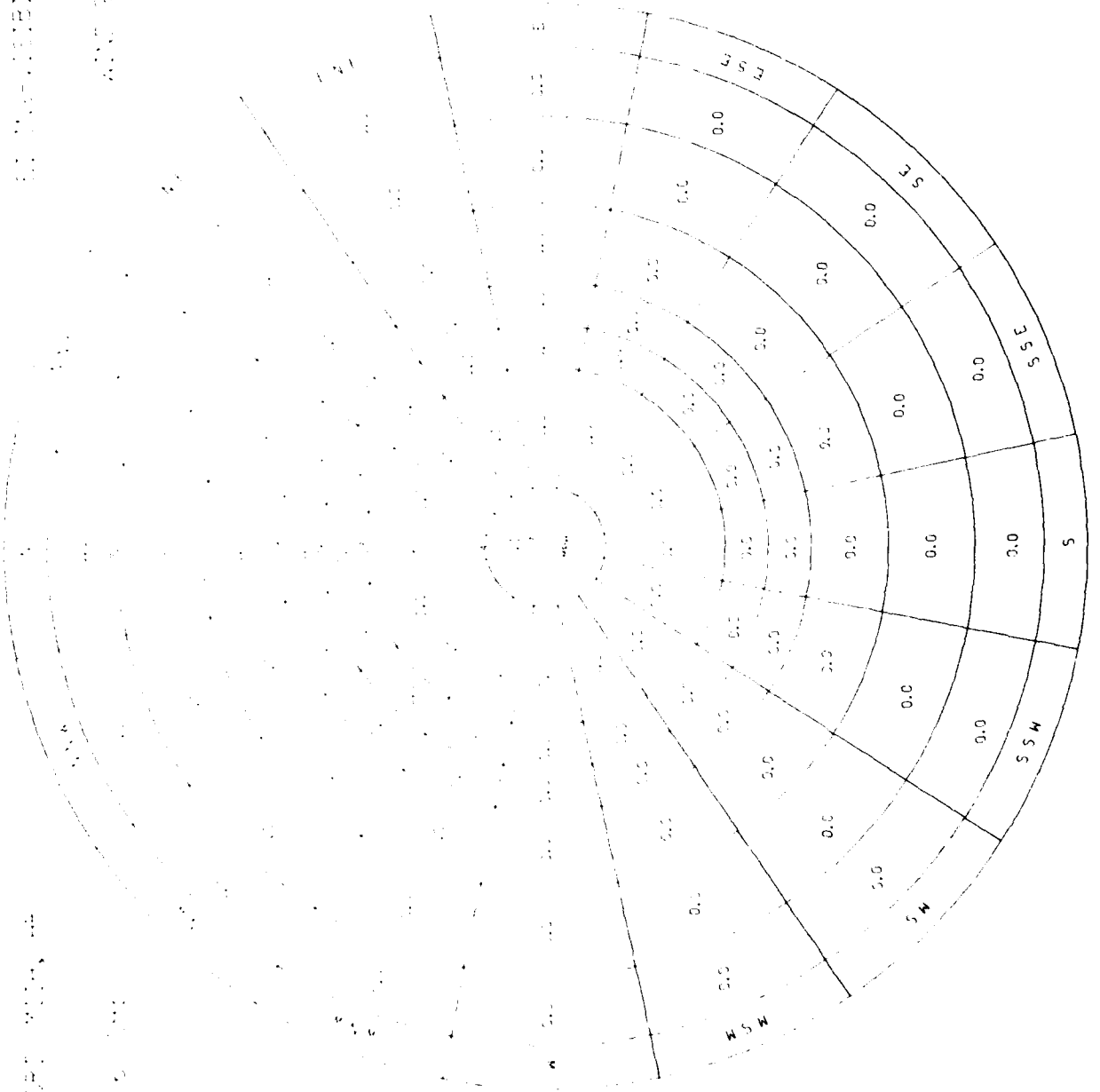
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	2.3	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.0	
NNE	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.0	
NE	.0	3.8	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.8	5.8	
ENE	.0	1.5	.1	20.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.3	7.3	
E	.0	2.3	.0	15.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.5	8.1	
ESE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0	
SE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5	
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0	
S	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0	
WSW	.0	.0	.0	3.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	9.0	
W	.0	.8	.0	4.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.4	
WNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0	
NW	.0	.0	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	1.5	12.5	
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	10.0	
CALM	.0 13.8																		
TOTAL	.1 26.2		.2 66.2		.0 6.2		.0 1.5		.0 .0		.0 .0		.0 .0		.0 .0		.3 100		6.3

PERMEABILITY

AND

HYDRAULIC CONDUCTIVITY

LOGS



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FEM FORT MITCHELL, AR

CLASS 6 / DAY

NG. OBS.: 165

STATION NUMBER: 13864

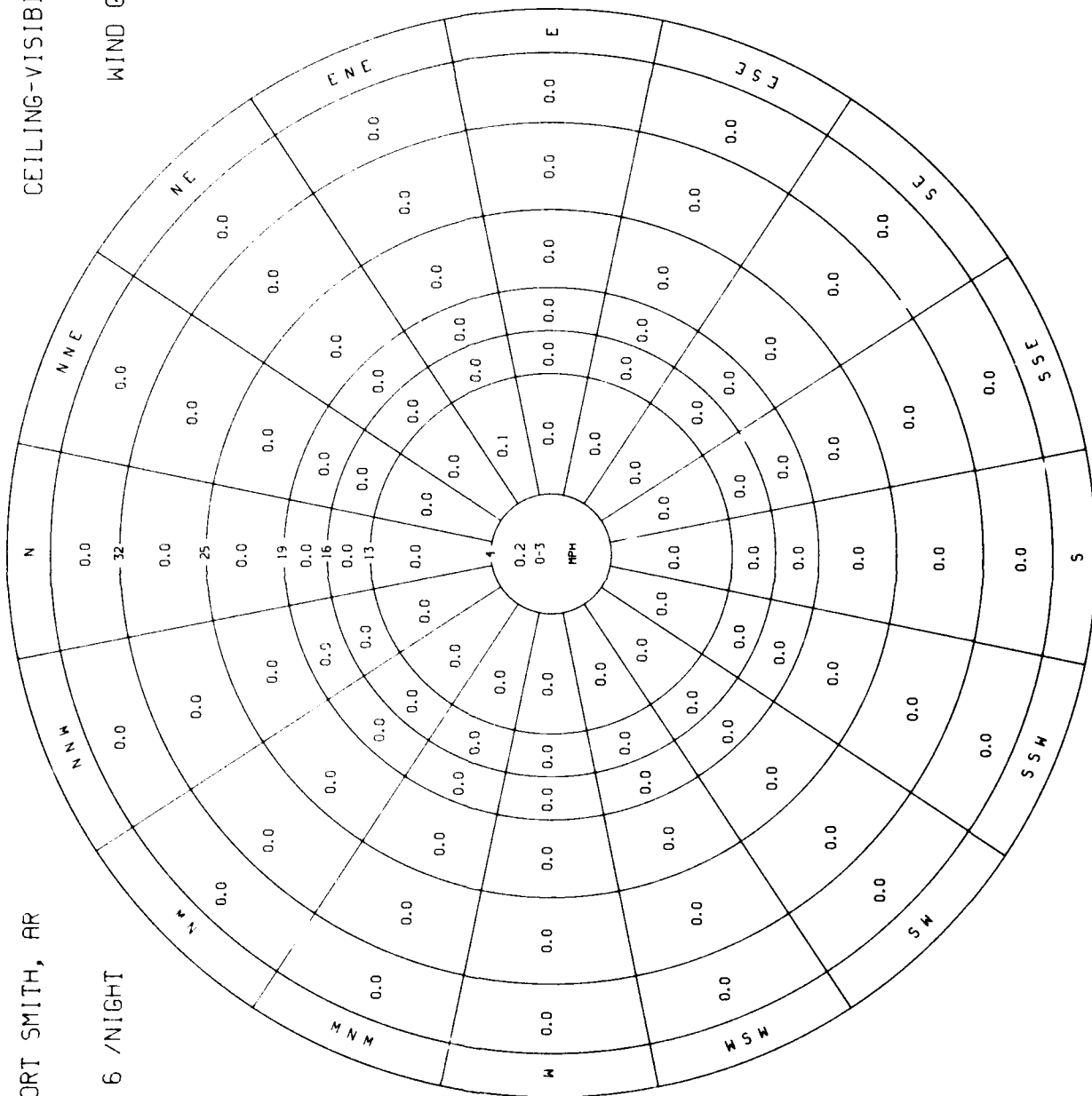
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	
NE	.0	2.4	.0	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	
ENE	.0	6.7	.1	23.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.3	
E	.0	2.4	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	
ESE	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	
SE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	
SSE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	
SW	.0	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	
WSW	.0	.6	.0	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	
W	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	
WNW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	1	17.0																17.0	
TOTAL	.1	35.8	.2	62.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	

CEILING-VISIBILITY

WIND GRAPH

FSM FORT SMITH, AR

CLASS 6 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FSM FORT SMITH, AR

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 13964

NO. OBS.: 207

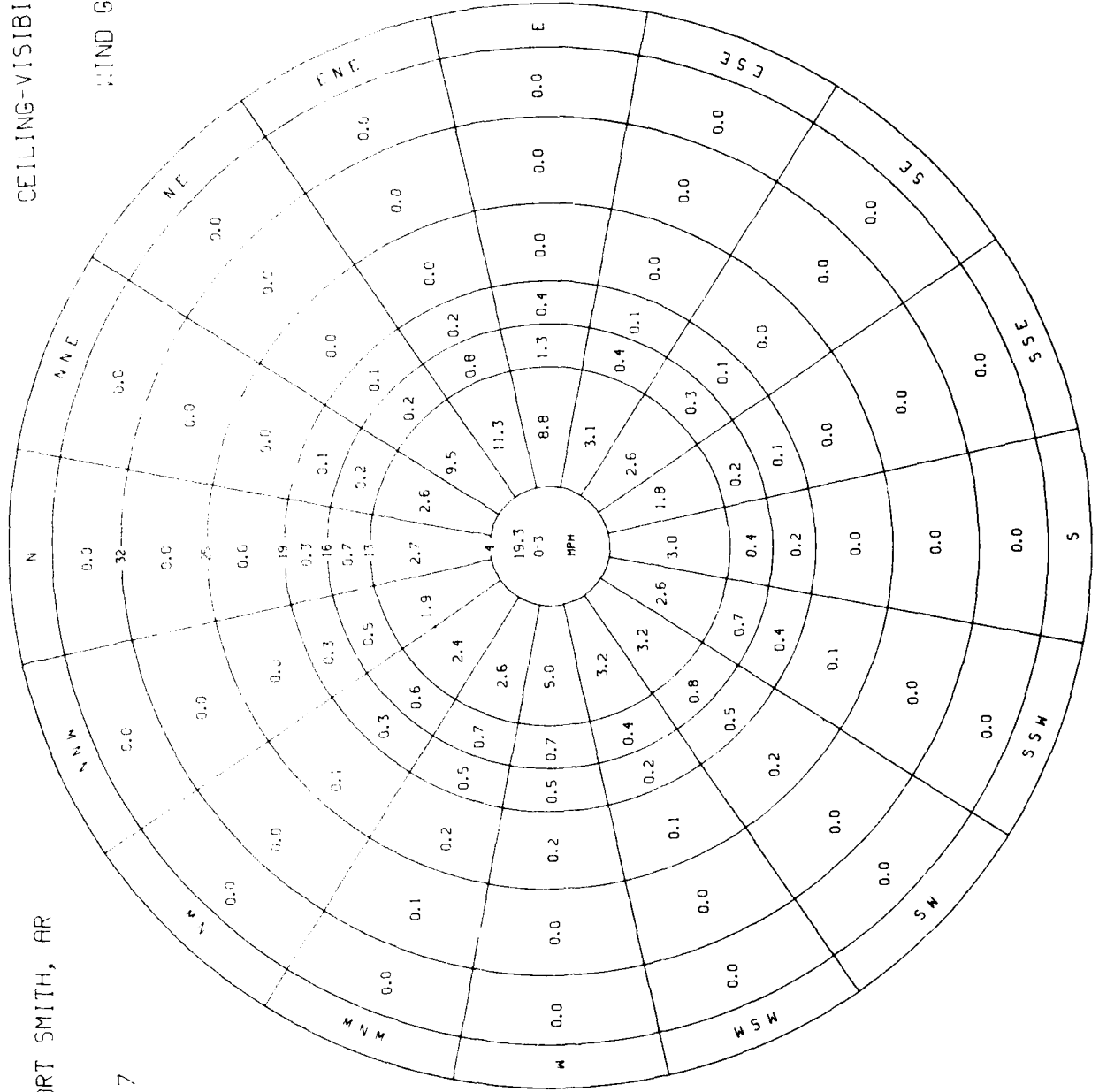
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	
NNE	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7	
NE	.0	3.9	.0	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.5	5.2	
ENE	.0	4.8	.1	22.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	27.1	6.3	
E	.0	1.4	.0	7.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	6.7	
ESE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.0	
SE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.2	
SSE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	
S	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	15.0	
SSW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.0	
SW	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.0	
WSW	.0	1.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.3	
W	.0	1.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.5	
WNW	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.8	
NW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.1	20.8														.1	20.8		
TOTAL	.2	38.6	.3	60.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	4.7	

CEILING-VISIBILITY

WIND GRAPH

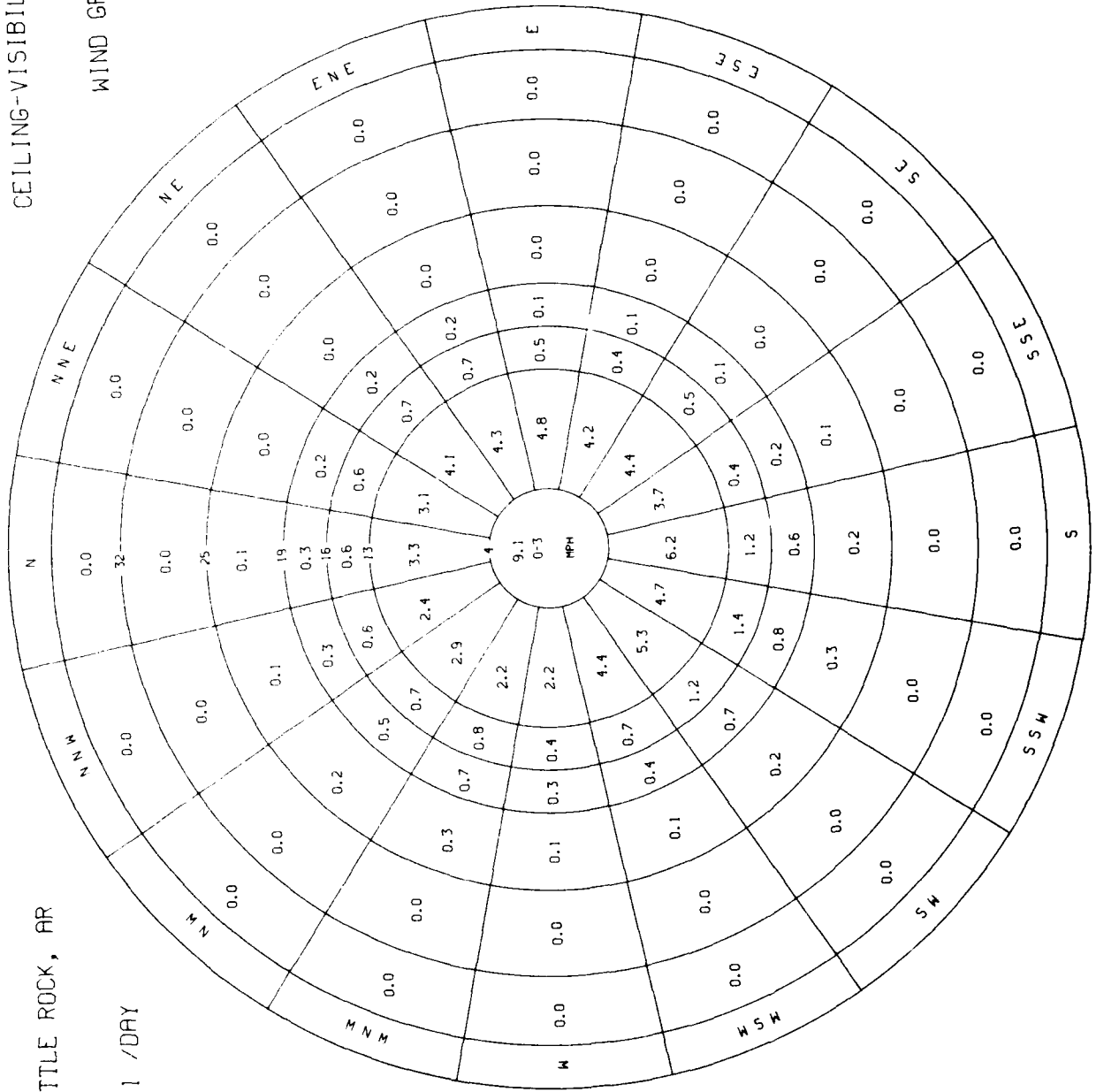
FSM FORT SMITH, AR

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



LIT LITTLE ROCK, AR

CLASS 1 /DAY

PRECEDING PAGE BLANK-NOT FILMED

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 1 / DAY

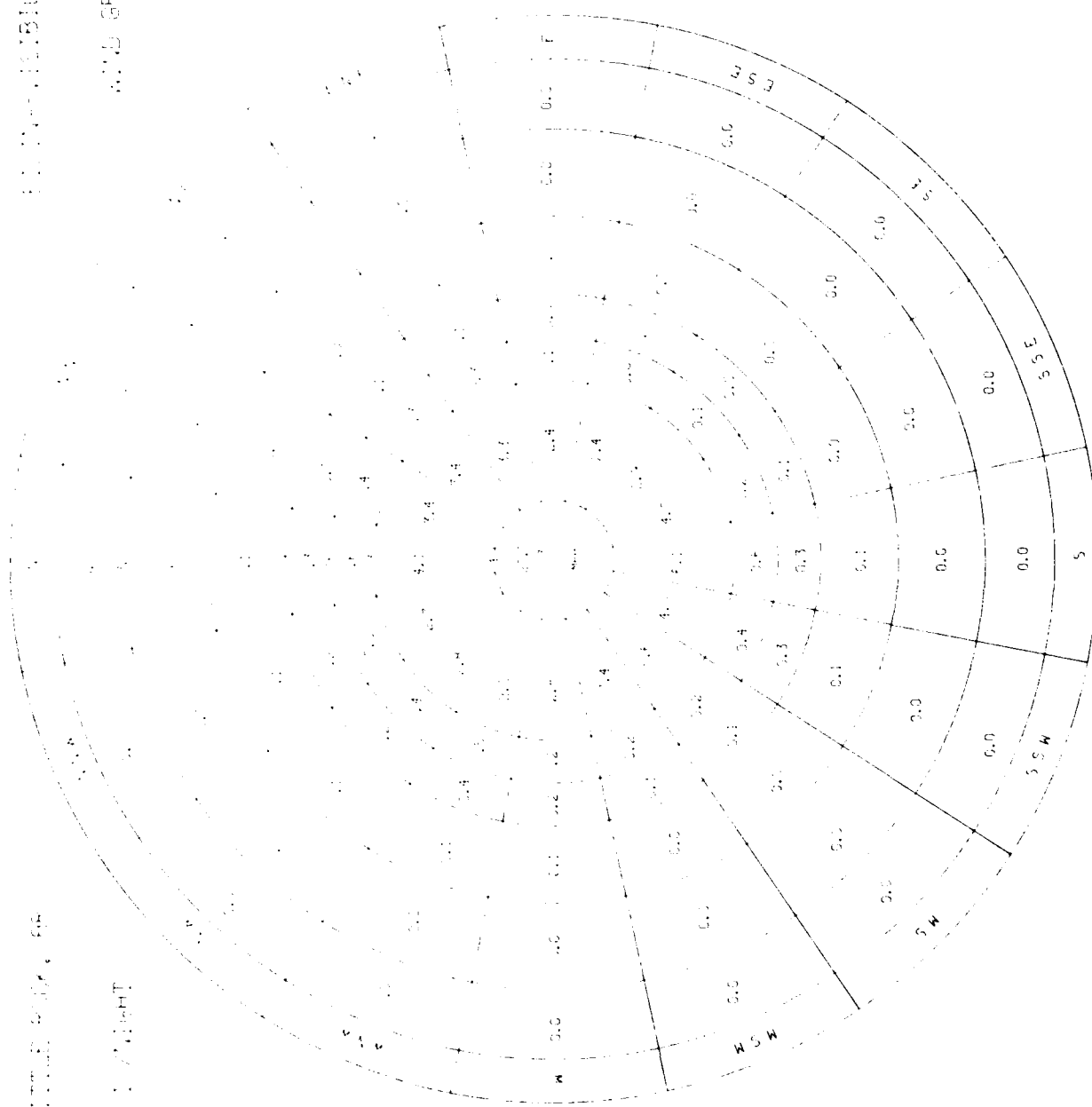
NO. OBS.: 43667

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.4	.4	3.3	3.7	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.2	9.5
NNE	.3	.3	3.1	3.4	.6	.7	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	4.3	4.7	8.9
NE	.4	.5	4.1	4.5	.7	.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.0	8.9
ENE	.3	.4	4.3	4.7	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.6	8.3
E	.5	.5	4.8	5.3	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.6	8.2
ESE	.4	.5	4.2	4.7	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.2	8.6
SE	.6	.6	4.4	4.8	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.2	9.7
SSE	.3	.4	3.7	4.1	.4	.5	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	8.6	9.5	9.7
S	.5	.6	6.2	6.8	1.2	1.3	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	7.7	8.5	10.8
SSW	.4	.4	4.7	5.2	1.4	1.6	.8	.9	.3	.3	.0	.0	.0	.0	.0	.0	8.0	8.9	10.0
SW	.6	.6	5.3	5.9	1.2	1.4	.7	.7	.2	.3	.0	.0	.0	.0	.0	.0	6.2	6.9	9.3
WSW	.5	.5	4.4	4.9	.7	.8	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	3.4	3.7	9.6
W	.3	.3	2.2	2.5	.4	.4	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	4.1	4.6	11.8
WNW	.2	.2	2.2	2.4	.8	.9	.7	.7	.3	.3	.0	.0	.0	.0	.0	.0	4.7	5.2	10.5
NW	.4	.4	2.9	3.2	.7	.8	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.5	3.8	9.9
NNW	.2	.2	2.4	2.7	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.1	9.2
CALM	2.8	3.1																	
TOTAL	9.1	10.1	62.2	69.0	11.4	12.6	5.6	6.2	1.8	2.0	.1	.1	.0	.0	.0	.0	90.2	100	9.2

STABILITY

AND GRAPH



1000 FT. WIND, 60

1000 FT. WIND

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ...  
PERIOD: 1949-1978

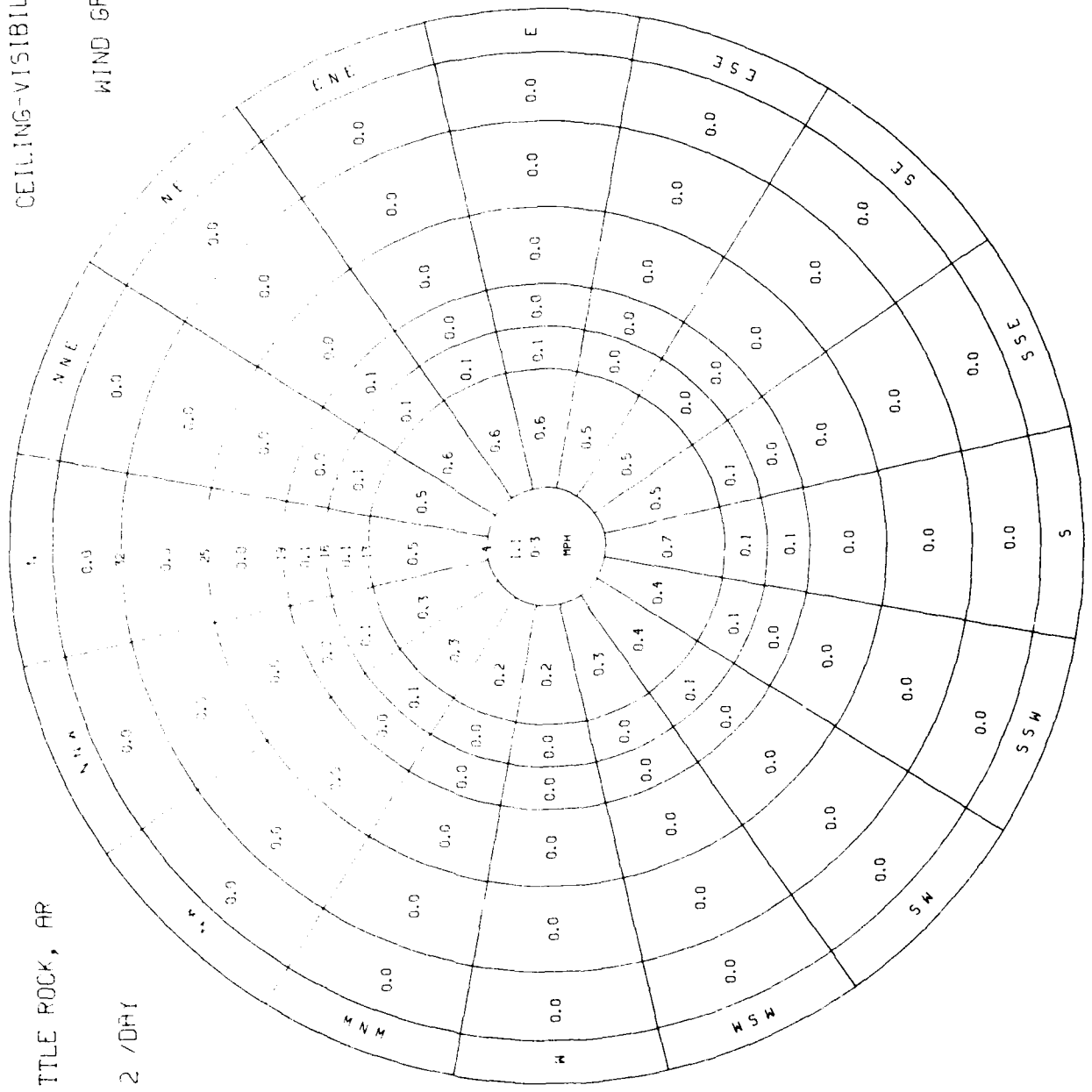
CLASS ...

STATION NUMBER: ...  
NO. OBS.: 35379

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED
	9-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.6	.6	4.1	4.5	.9	.7	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.7	6.3	8.8
NNE	.5	.6	3.4	3.8	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.0	8.0
NNE	.3	.3	3.4	3.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.1	7.4
ENE	.6	.7	3.3	3.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	7.3
E	.9	1.0	2.4	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.8	6.1
ESE	.7	.8	2.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.5	6.1
SE	1.0	1.2	2.9	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.5	6.1
SSE	.7	.8	4.0	4.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.5	7.2
S	1.1	1.2	6.1	6.8	.6	.7	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	8.2	9.1	8.1
SSW	.8	.9	4.0	4.4	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.6	6.2	8.2
SW	1.6	1.8	5.6	6.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.6	8.4	6.7
WSW	1.2	1.4	7.4	8.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.9	9.9	6.6
W	.8	.8	2.8	3.1	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.0	4.5	7.4
WNW	.4	.4	2.0	2.2	.5	.5	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	3.3	3.7	10.1
NW	.6	.7	2.8	3.1	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.6	8.7
NNW	.4	.4	2.7	3.0	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.8	4.2	8.8
CALM	9.7	10.8															9.7	10.8	
TOTAL	22.5	25.0	59.3	65.8	5.1	5.7	2.4	2.7	.7	.8	.1	.1	.0	.0	.0	.0	90.2	100	6.7

CEILING-VISIBILITY

WIND GRAPH



LIT LITTLE ROCK, AR

CLASS 2 / DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 2 / DAY

NO. OBS.: 4744

STATION NUMBER: 13963

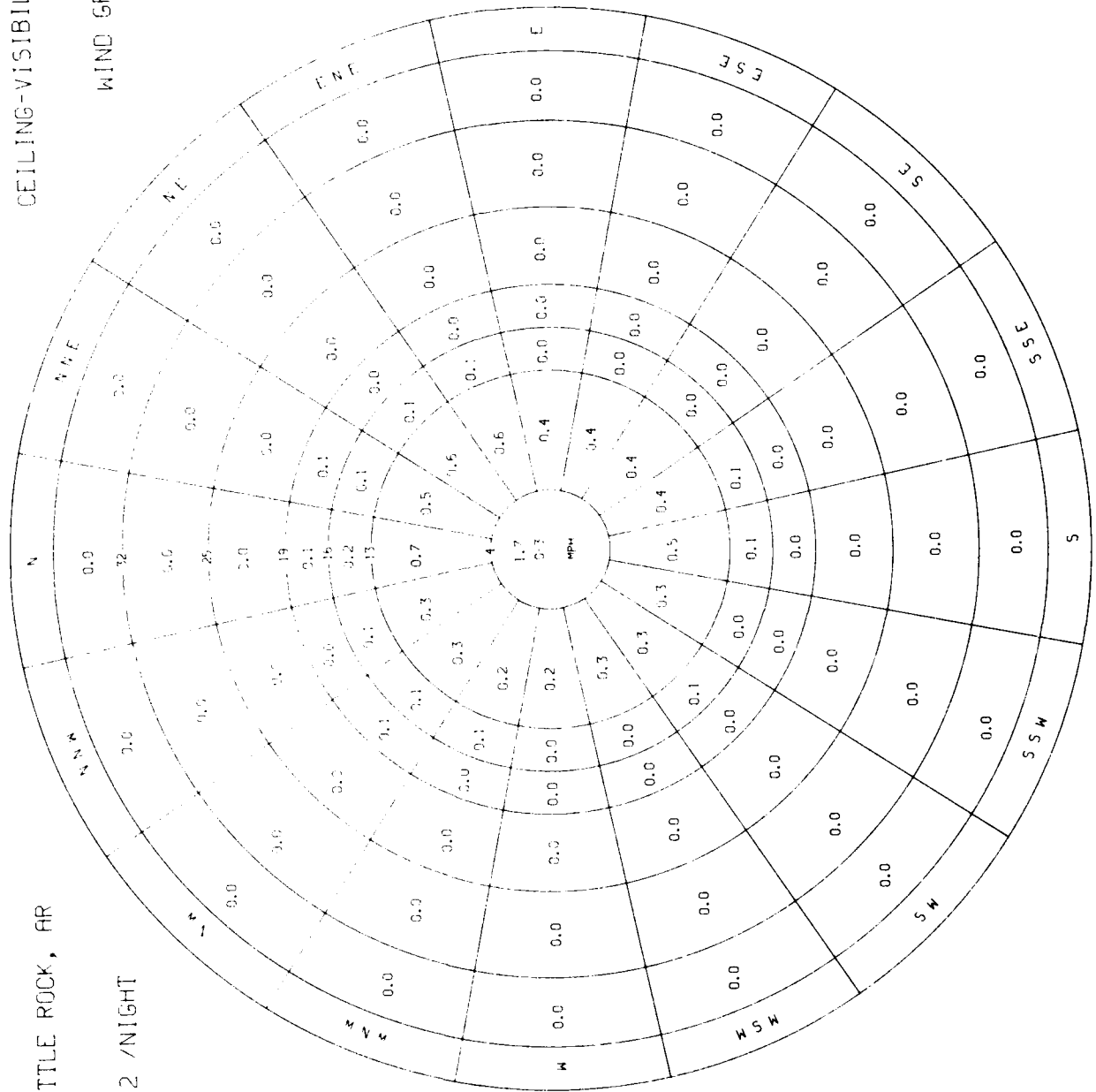
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.4	.5	4.8	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.7	7.1	10.3
NNE	.0	.4	.5	4.9	.1	1.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.7	6.9	9.8
NE	.1	.7	.6	6.6	.1	1.2	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.9	9.4	9.7
ENE	.0	.5	.6	6.0	.1	1.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	7.9	9.2
E	.1	.8	.6	6.2	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.9	8.4
ESE	.1	.6	.5	4.7	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.9	7.9
SE	.1	.8	.5	5.6	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.7	7.1	8.2
SSE	.0	.4	.5	4.8	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6	6.2	8.9
S	.1	.7	.7	7.1	.1	.9	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.4	8.8
SSW	.0	.5	.4	4.2	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.4	8.9
SW	.1	.6	.4	3.7	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.2	8.8
WSW	.0	.4	.3	3.2	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.0	8.3
W	.0	.3	.2	1.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.6	8.3
WNW	.0	.2	.2	1.7	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.7	10.7
NW	.0	.4	.3	2.7	.1	.6	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.2	10.1
NNW	.0	.2	.3	2.8	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.8	9.5
CALM	.4	4.3																	
TOTAL	1.1	11.7	6.9	70.8	1.1	11.0	.5	5.1	.1	1.4	.0	.0	.0	.0	.0	.0	9.8	100	8.7

CEILING-VISIBILITY

WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS  
 ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 2 / NIGHT

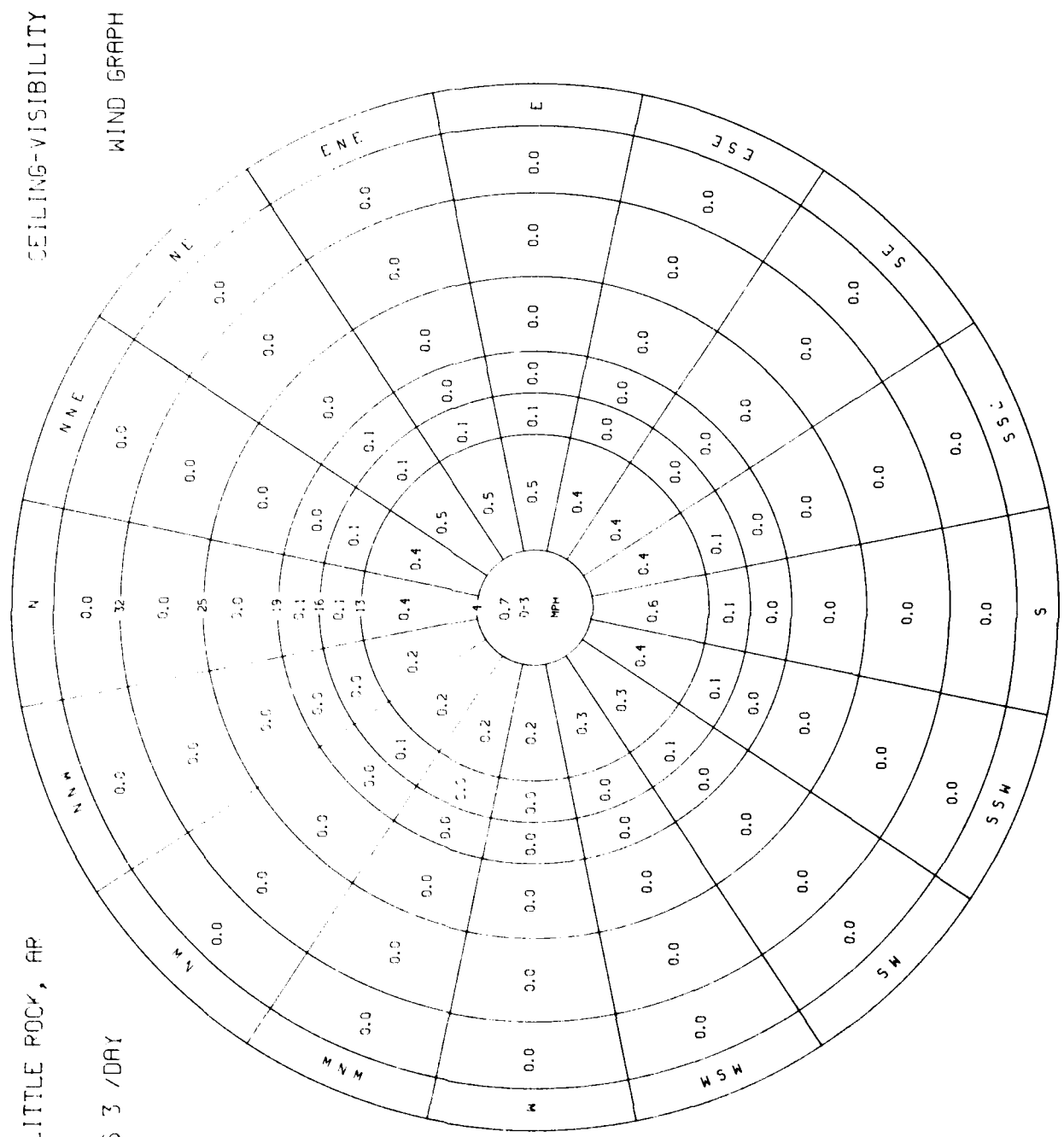
STATION NUMBER: 13963

NO. OBS.: 3854

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.7	6.8	.2	1.6	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	1.0	9.8	10.1
NNE	.0	.4	.5	5.4	.1	1.2	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.8	7.8	9.9
NE	.1	.8	.6	6.5	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.9	9.1	9.2
ENE	.1	.9	.6	6.0	.1	1.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	8.3	8.7
E	.1	1.2	.4	4.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.2	7.2
ESE	.1	.6	.4	4.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.3	7.1
SE	.1	1.2	.4	4.2	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	6.1	7.8
SSE	.1	.7	.4	3.6	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	5.3	9.0
S	.1	.9	.5	4.7	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	6.5	8.0
SSW	.1	.6	.3	3.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.7	8.2
SW	.1	.9	.3	3.0	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.5	7.7
WSW	.0	.5	.3	2.8	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.6	7.6
W	.0	.3	.2	1.8	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.4	8.5
WNW	.0	.3	.2	2.2	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.6	10.5
NW	.0	.3	.3	3.1	.1	.9	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.5	5.3	10.8
NNW	.0	.3	.3	3.1	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.4	4.5	9.9
CALM	.7	7.0															.7	7.0	
TOTAL	1.7	17.3	6.5	65.7	1.1	10.9	.5	4.7	.1	1.3	.0	.1	.0	.0	.0	.0	9.8	100	8.2

LIT LITTLE ROCK, AR

CLASS 3 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 3 / DAY

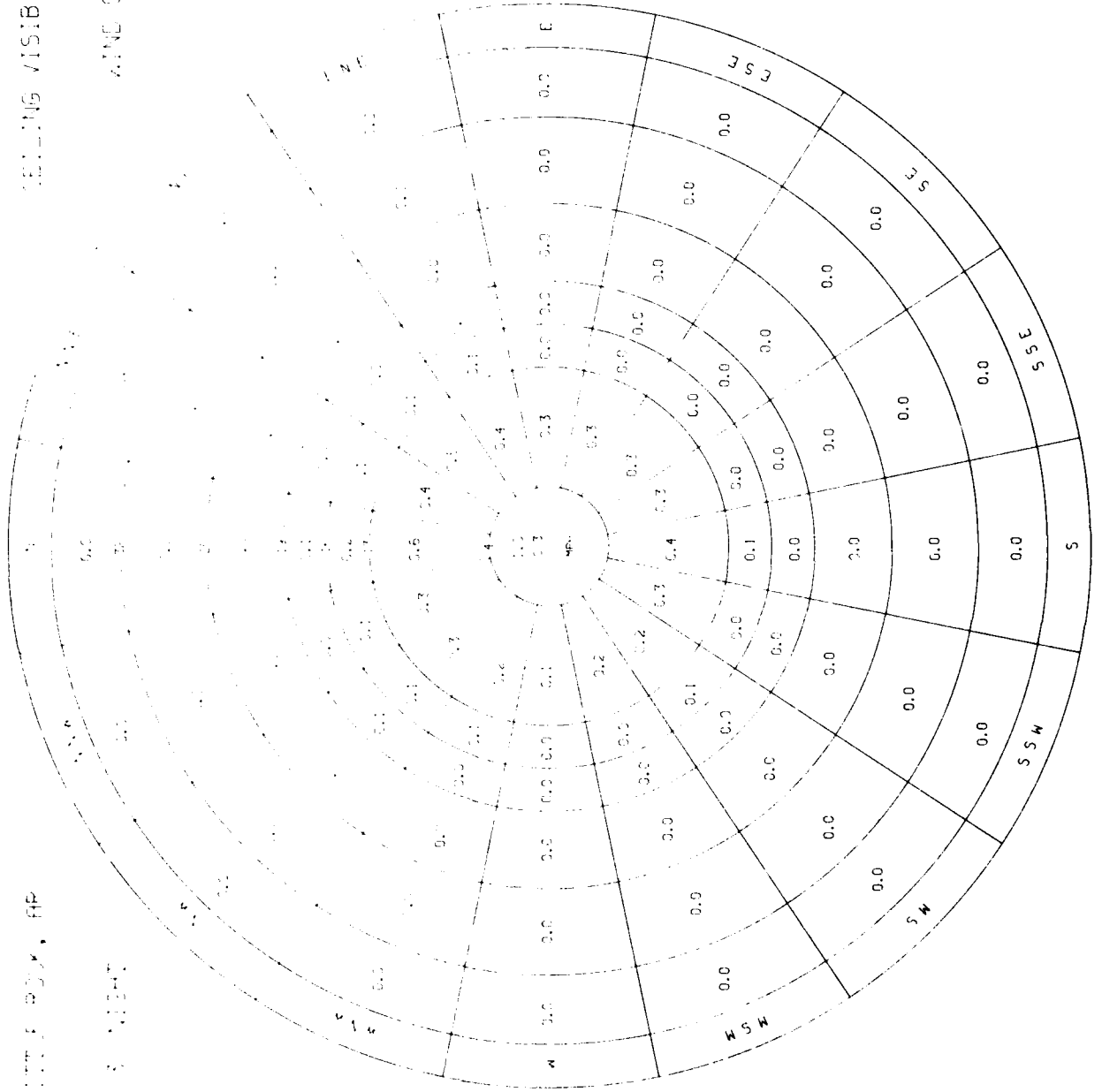
NO. OBS.: 3993

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.4	5.0	.1	1.3	.1	.8	.0	.2	.0	.0	.0	.0	.6	7.5	10.5		
NNE	.0	.3	.4	5.0	.1	1.1	.0	.5	.0	.1	.0	.0	.0	.0	.6	7.0	10.1		
NE	.0	.5	.5	6.6	.1	1.3	.1	.8	.0	.3	.0	.0	.0	.0	.8	9.4	10.0		
ENE	.0	.4	.5	6.0	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.6	7.8	9.3		
E	.0	.6	.5	6.1	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.6	7.8	8.7		
ESE	.0	.3	.4	4.3	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.4	5.3	8.5		
SE	.0	.6	.4	5.3	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.5	6.7	8.5		
SSE	.0	.2	.4	4.8	.1	.7	.0	.3	.0	.2	.0	.0	.0	.0	.5	6.1	9.2		
S	.1	.6	.6	7.5	.1	1.1	.0	.6	.0	.1	.0	.0	.0	.0	.8	9.8	9.1		
SSW	.0	.3	.4	4.4	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.5	5.6	9.4		
SW	.0	.6	.3	3.9	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.5	5.6	9.0		
WSW	.0	.3	.3	3.3	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.3	4.1	8.5		
W	.0	.2	.2	2.0	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.7	8.5		
WNW	.0	.1	.2	1.9	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.2	2.9	10.8		
NW	.0	.3	.2	2.8	.1	.7	.0	.6	.0	.2	.0	.0	.0	.0	.4	4.4	10.4		
NNW	.0	.2	.2	3.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.3	4.1	9.7		
CALM	.3	3.2																	
TOTAL	.7	9.0	5.9	71.6	1.0	12.2	.5	5.7	.1	1.6	.0	.0	.0	.0	8.2	100	9.1		

WELLING VISIBILITY

WINE GRAPH



WIND DIRECTION

WIND SPEED

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

CLASS: 3/1000'

NO. OBS.: 2944

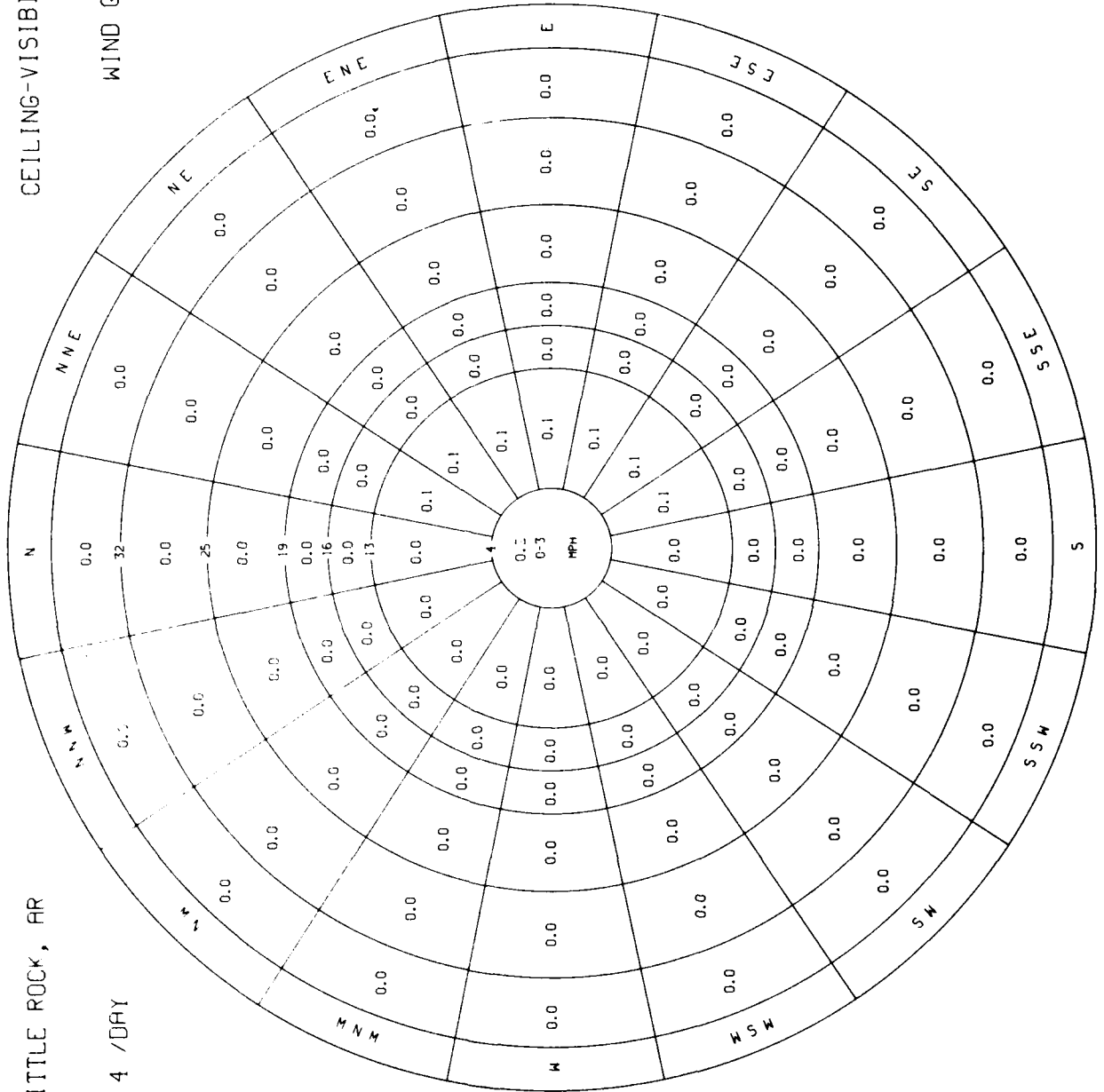
STATION NAME: WATTLE BARK, WA

STATION NUMBER: 13952

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.6	7.2	.2	2.0	.1	.8	.0	.3	.0	.0	.0	.0	.8	11.1	10.5
NNE	.0	.4	.4	3.7	.1	1.6	.0	.6	.0	.1	.0	.0	.0	.0	.6	8.4	10.2
NENE	.0	.5	.5	6.4	.1	1.6	.0	.4	.0	.1	.0	.0	.0	.0	.7	9.1	9.7
ENE	.0	.5	.4	5.3	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.6	7.5	9.5
E	.1	1.0	.3	4.1	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.4	5.7	7.7
ESE	.0	.4	.3	4.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.9	7.4
SE	.1	.8	.3	4.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	5.6	8.5
SSE	.0	.4	.3	3.5	.0	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	5.0	9.8
S	.1	.8	.4	5.1	.1	1.0	.0	.2	.0	.1	.0	.0	.0	.0	.5	7.1	8.4
SSW	.0	.6	.3	3.6	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.8	8.6
SW	.0	.5	.2	2.9	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.3	4.3	8.7
WSW	.0	.5	.2	2.9	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.3	3.8	7.7
W	.0	.3	.1	1.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.4	8.9
WNW	.0	.3	.2	2.4	.1	.8	.0	.5	.0	.1	.0	.0	.0	.0	.3	4.1	10.8
NW	.0	.3	.3	3.5	.1	1.2	.1	1.0	.0	.2	.0	.0	.0	.0	.5	6.2	11.2
NNW	.0	.3	.3	3.6	.1	.7	.0	.5	.0	.1	.0	.0	.0	.0	.4	5.3	10.2
CALM	.3	4.7													.3	4.7	
TOTAL	1.0	12.8	5.0	66.3	1.0	13.4	.4	5.7	.1	1.7	.0	.2	.0	.0	7.5	100	9.0

CEILING-VISIBILITY  
WIND GRAPH

LIT LITTLE ROCK, AR  
CLASS 4 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 4 / DAY

NO. OBS.: 485

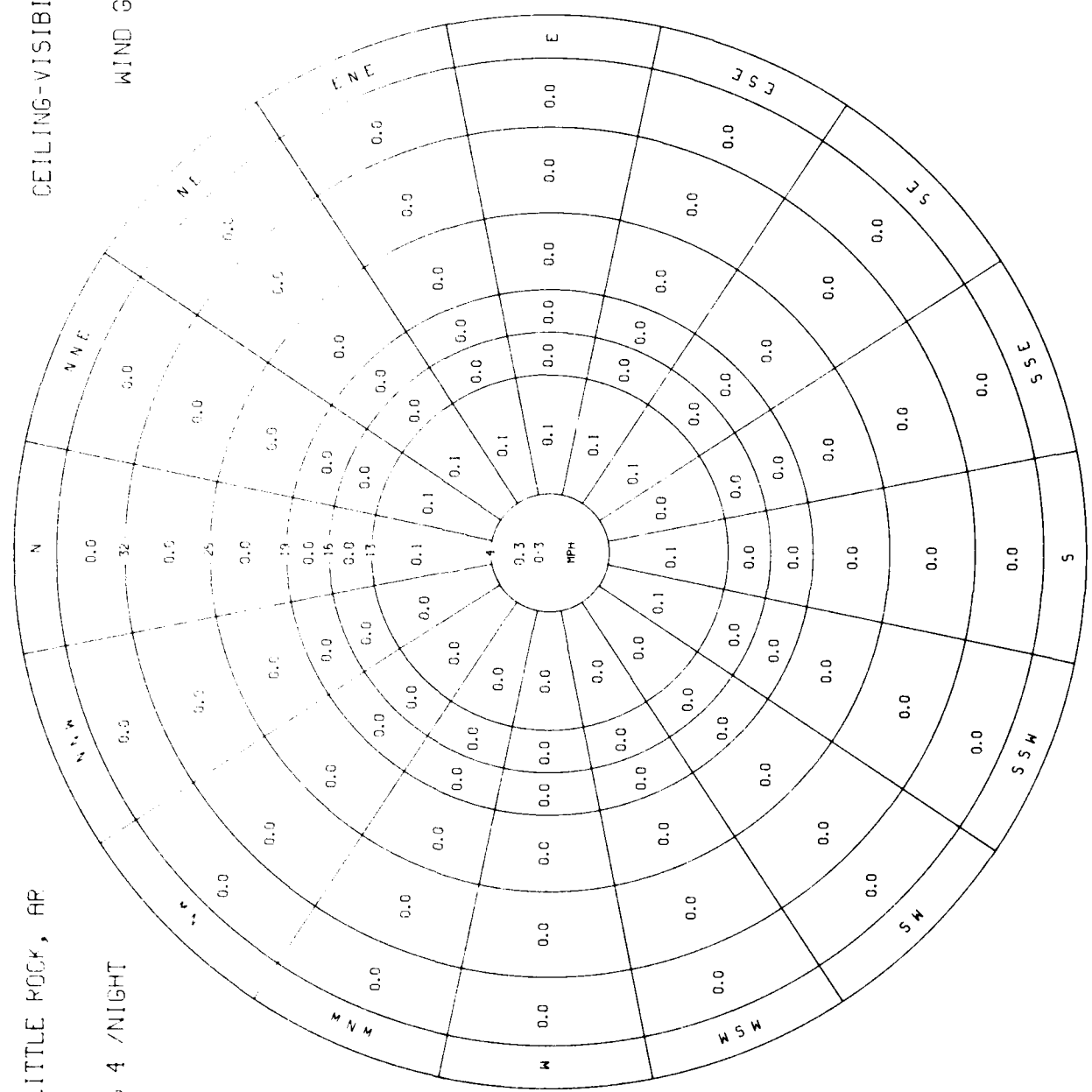
STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.0	3.9	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.2	.1	5.2	10.5	
NNE	.0	.6	.1	6.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	8.1	
NE	.0	.8	.1	7.8	.0	.8	.0	.6	.0	.2	.0	.0	.0	.0	.0	.1	10.3	8.1	
ENE	.0	.4	.1	7.0	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	8.9	9.3	
E	.0	.8	.1	7.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	8.5	7.7	
ESE	.0	2.3	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.1	6.1	
SE	.0	1.2	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	7.0	
SSE	.0	1.4	.1	6.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	7.1	
S	.0	.6	.0	4.9	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.4	8.0	
SSW	.0	.4	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.6	
SW	.0	1.0	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.7	
WSW	.0	.6	.0	2.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.3	
W	.0	.8	.0	1.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	2.3	7.6	
WNW	.0	.6	.0	1.0	.0	.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	2.5	9.6	
NW	.0	.8	.0	2.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.1	
NNW	.0	.2	.0	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.3	
CALM	.1	6.0														.1	6.0		
TOTAL	.2	19.0	.7	71.8	.1	5.6	.0	2.9	.0	.6	.0	.0	.0	.0	.2	1.0	100	7.3	

LIT LITTLE ROCK, AR

CEILING-VISIBILITY

WIND GRAPH



CLASS 4 / NIGHT

WIND GRAPH

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 4 / 15..7

STATION NUMBER: 13963

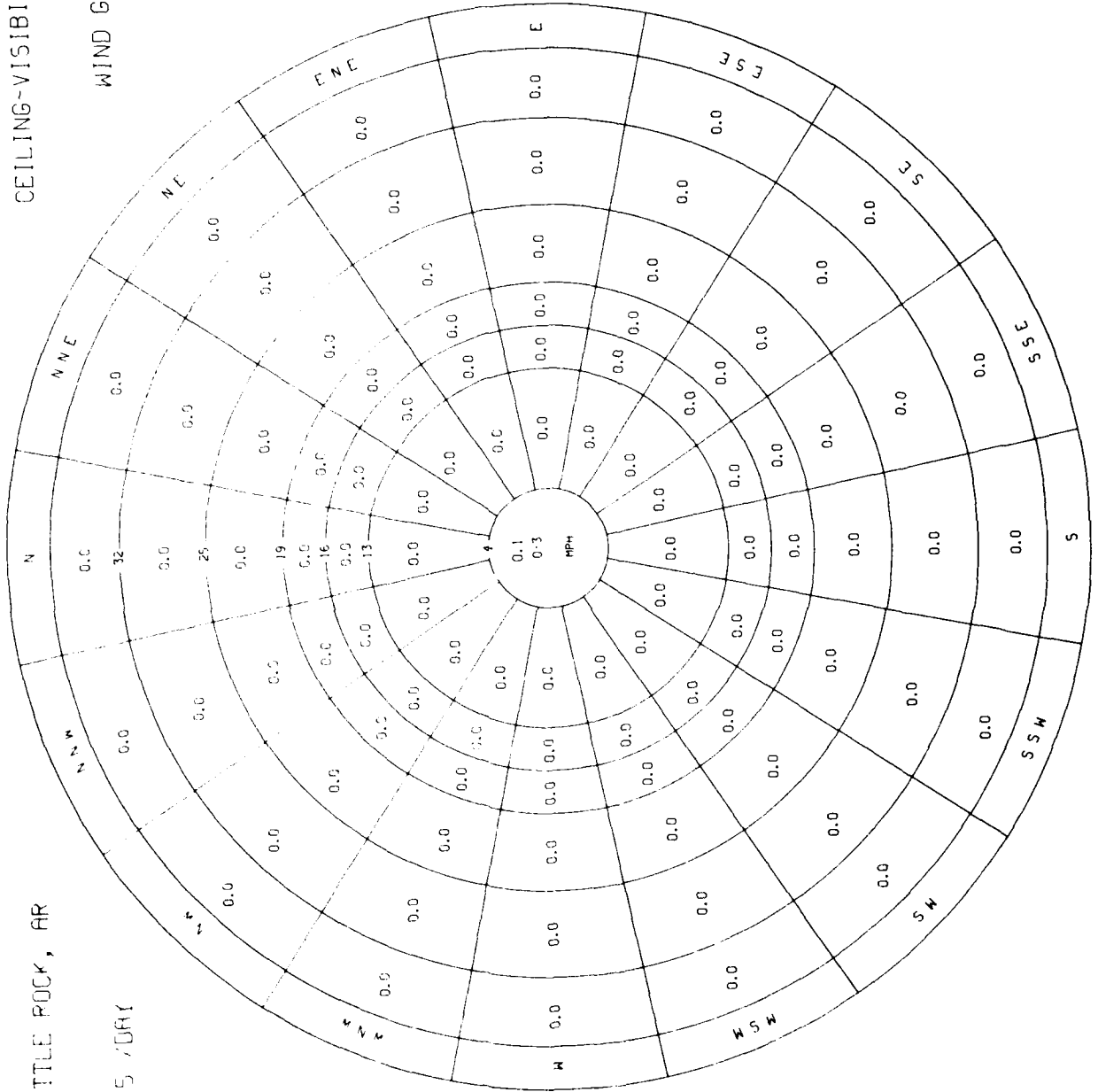
NO. OBS.: 527

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.8	.1	5.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.8	7.7	
NNE	.0	.6	.1	5.3	.0	.4	.0	.6	.0	.2	.0	.0	.0	.0	.0	.1	7.0	9.2	
NE	.0	1.7	.1	8.2	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	10.8	7.8	
ENE	.0	1.1	.1	9.5	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	12.0	7.9	
E	.0	1.9	.1	6.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	6.3	
ESE	.0	.9	.1	5.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.8	6.8	
SE	.0	1.3	.1	4.2	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	6.1	7.5	
SSE	.0	1.5	.0	3.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	7.3	
S	.0	1.1	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	6.1	
SSW	.0	.8	.1	4.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	6.9	
SW	.0	1.7	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	5.4	
WSW	.0	.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.1	
W	.0	.4	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.2	
WNW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	1.3	8.4	
NW	.0	.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.9	
NNW	.0	.2	.0	2.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.3	
CALM	.1	9.1														.1	9.1		
TOTAL	.3	24.7	.9	69.1	.1	4.0	.0	1.9	.0	.4	.0	.6	.0	.0	.0	1.3	100	6.6	

CEILING-VISIBILITY  
WIND GRAPH

LIT LITTLE ROCK, AR

CLASS 5 / DRY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 5 / DAY

NO. OBS.: 123

STATION NUMBER: 13963

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.5
NNE	.0	.8	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.8
NENE	.0	4.1	.0	4.9	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	7.2
ENE	.0	.8	.0	4.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.0
E	.0	1.6	.0	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	5.8
ESE	.0	1.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.4
SE	.0	1.6	.0	4.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.0
SSE	.0	.0	.0	4.1	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	9.8
S	.0	2.4	.0	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	5.4
SSW	.0	3.3	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.9
SW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.3
WSW	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.7
W	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
N	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.0
CALM	.0	17.9																17.9	
TOTAL	.1	36.6	.1	57.7	.0	4.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	5.4

DEPTH BATHY

2000 FATHOMS

1000

500

250

125

62.5

31.25

15.625

7.8125

3.90625

1.953125

0.9765625

0.48828125

1000

500

250

125

62.5

31.25

15.625

7.8125

3.90625

1.953125

0.9765625

0.48828125

1000

500

250

125

62.5

31.25

15.625

7.8125

3.90625

1.953125

0.9765625

0.48828125

1000

500

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125

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7.8125

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1.953125

0.9765625

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1.953125

0.9765625

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1000

500

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31.25

15.625

7.8125

3.90625

1.953125

0.9765625

0.48828125

1000

500

250

125

62.5

31.25

15.625

7.8125

3.90625

1.953125

0.9765625

0.48828125

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FT. WATKINS AFB, AR

PERIOD: 1949-1978

CLASS: NIGHT

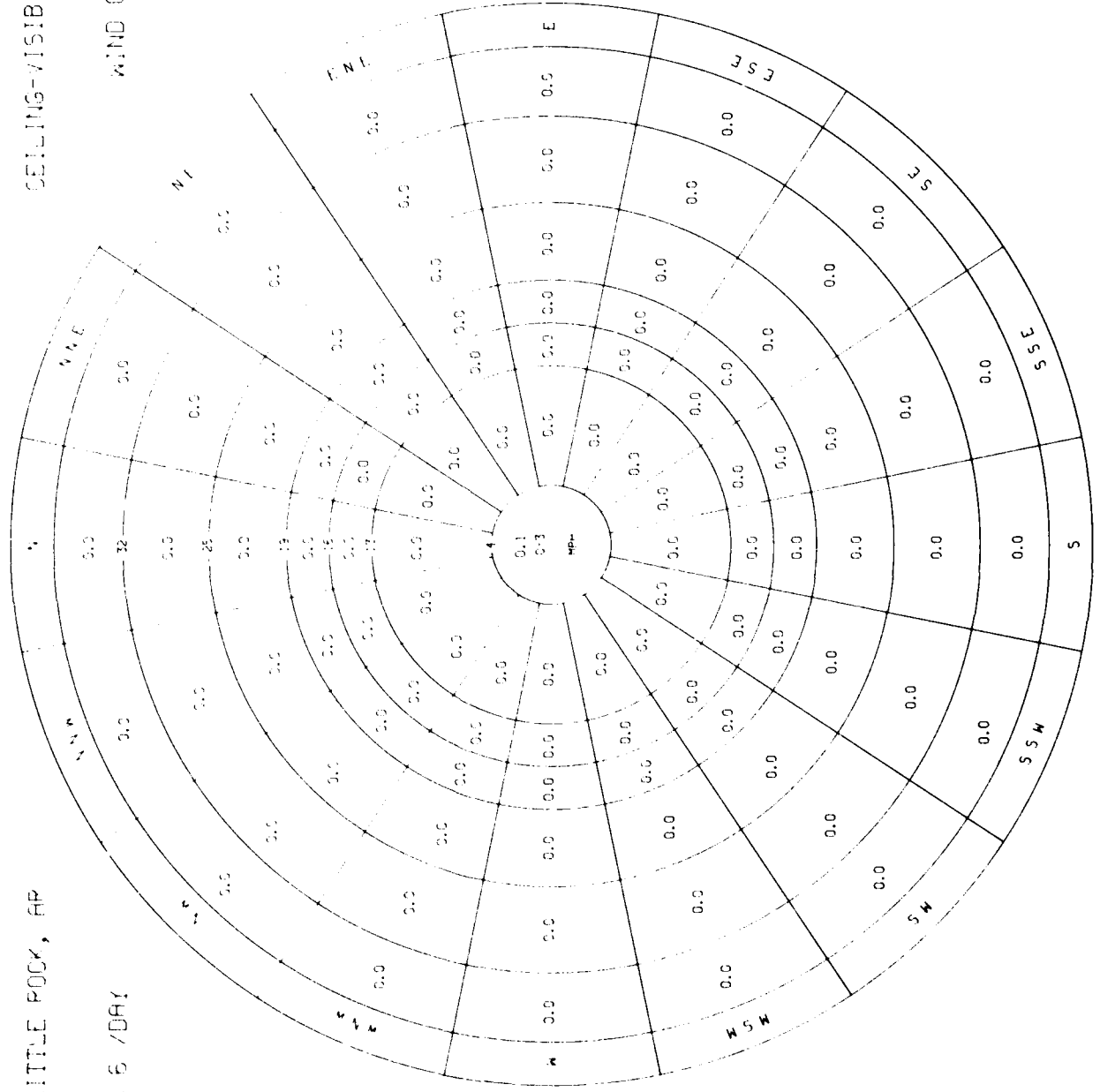
STATION NUMBER: 13543

NO. OBS.: 172

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D		
N	.0	1.2	.0	3.5	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.1	
NNE	.0	1.2	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.7	
NE	.0	.5	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.7	
ENE	.0	2.9	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.3	
E	.0	1.7	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	5.9	
ESE	.0	.6	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	6.5	
SE	.0	3.5	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	5.4	
SSE	.0	1.7	.0	7.6	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.7	
S	.0	.6	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.2	
SSW	.0	.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.6	
SW	.0	1.7	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.3	
WSW	.0	.0	.0	3.5	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.4	
W	.0	.6	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.3	
WNW	.0	.0	.0	1.7	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.7	
NW	.0	.0	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.3	
NNW	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	11.0	
CALM	1 14.0																		
TOTAL	1	30.8	.3	65.7	.0	1.7	.0	1.7	.0	1.7	.0	1.7	.0	1.7	.0	1.7	.0	14.0	5.6

LIT LITTLE ROCK, AR

CLASS 6 / DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LIT LITTLE ROCK, AR

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13963

NO. OBS.: 143

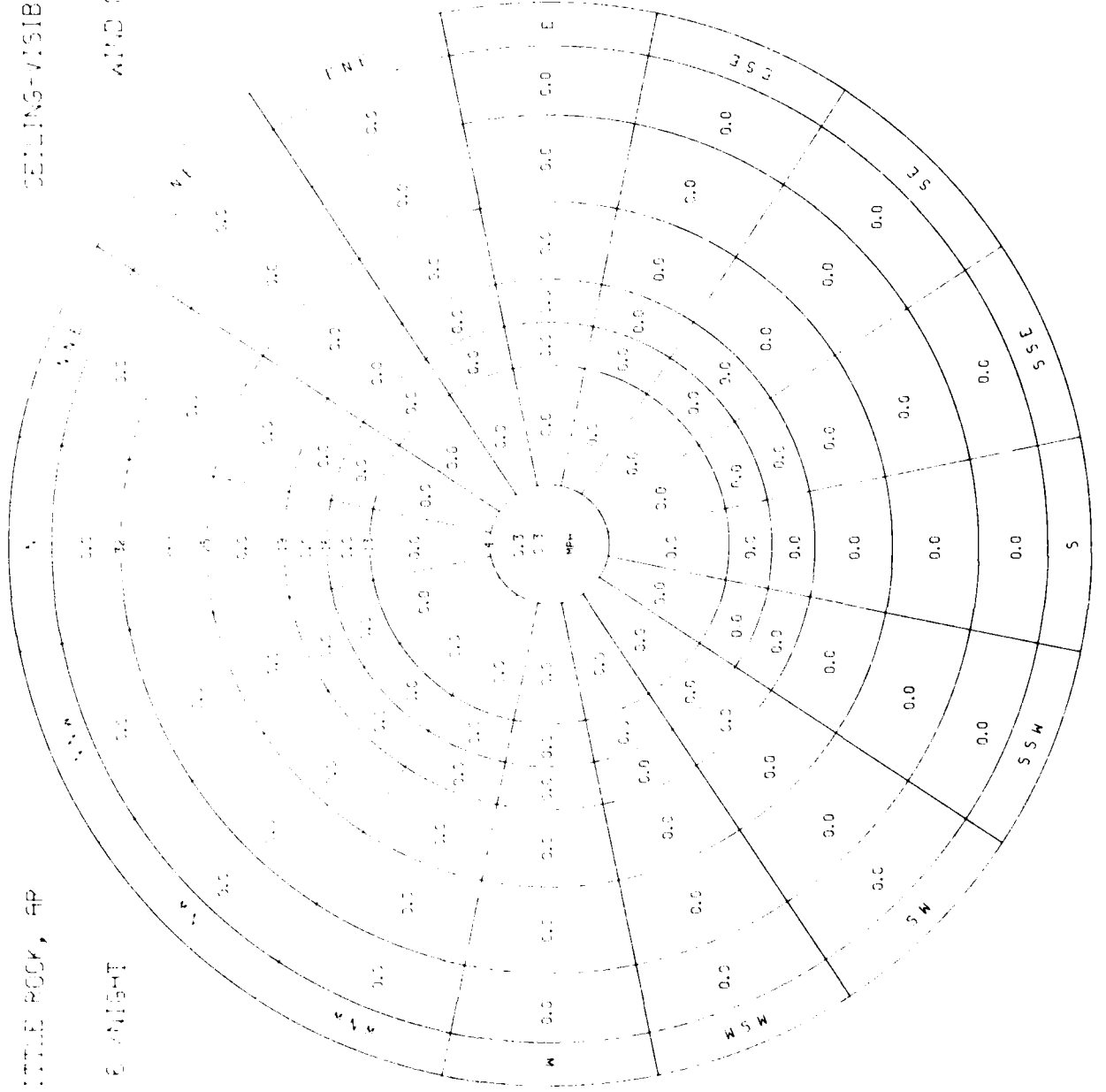
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.1	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	
NNE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	
NE	.0	.7	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	
ENE	.0	2.1	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	
E	.0	4.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	
ESE	.0	1.4	.0	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
SE	.0	3.5	.0	7.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	
SSE	.0	.7	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	
S	.0	2.1	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	
SSW	.0	2.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	
SW	.0	1.4	.0	2.8	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	
WSW	.0	1.4	.0	4.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	
W	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.7	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	
NNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	
CALM	.0	16.1																16.1	
TOTAL	.1	39.9	.2	58.0	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.3	100	4.9	

LIT LITTLE ROCK, AR

CEILING-VISIBILITY

CURSE 2 NIGHT

AND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LIT LITTLE ROCK, AR

CLASS 6 / NIGHT

NO. OBS.: 211

STATION NUMBER: 13963

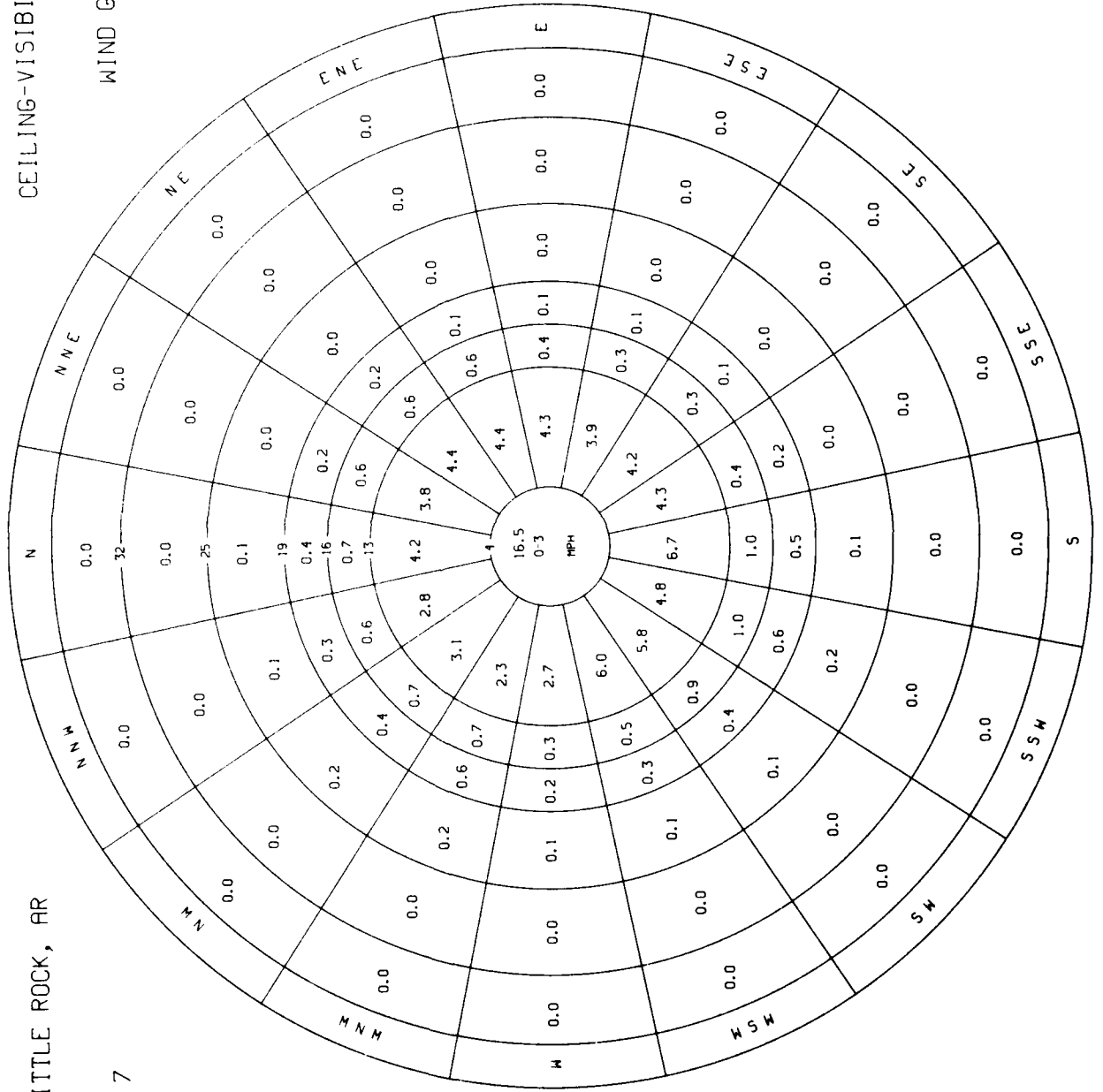
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7		
NNE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.9		
NE	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.7		
ENE	.0	3.8	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.4	4.9		
E	.0	1.9	.0	3.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.9		
ESE	.0	1.4	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	5.2		
SE	.0	4.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	4.8		
SSE	.0	1.4	.0	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.9		
S	.0	1.4	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.5		
SSW	.0	.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.6		
SW	.0	2.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.7		
WSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0		
W	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.3		
WNW	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.5		
NW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.0		
NNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0		
CALM	.2	28.9														28.9			
TOTAL	.3	50.2	.3	48.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.2	28.9	3.9		

CEILING-VISIBILITY

WIND GRAPH

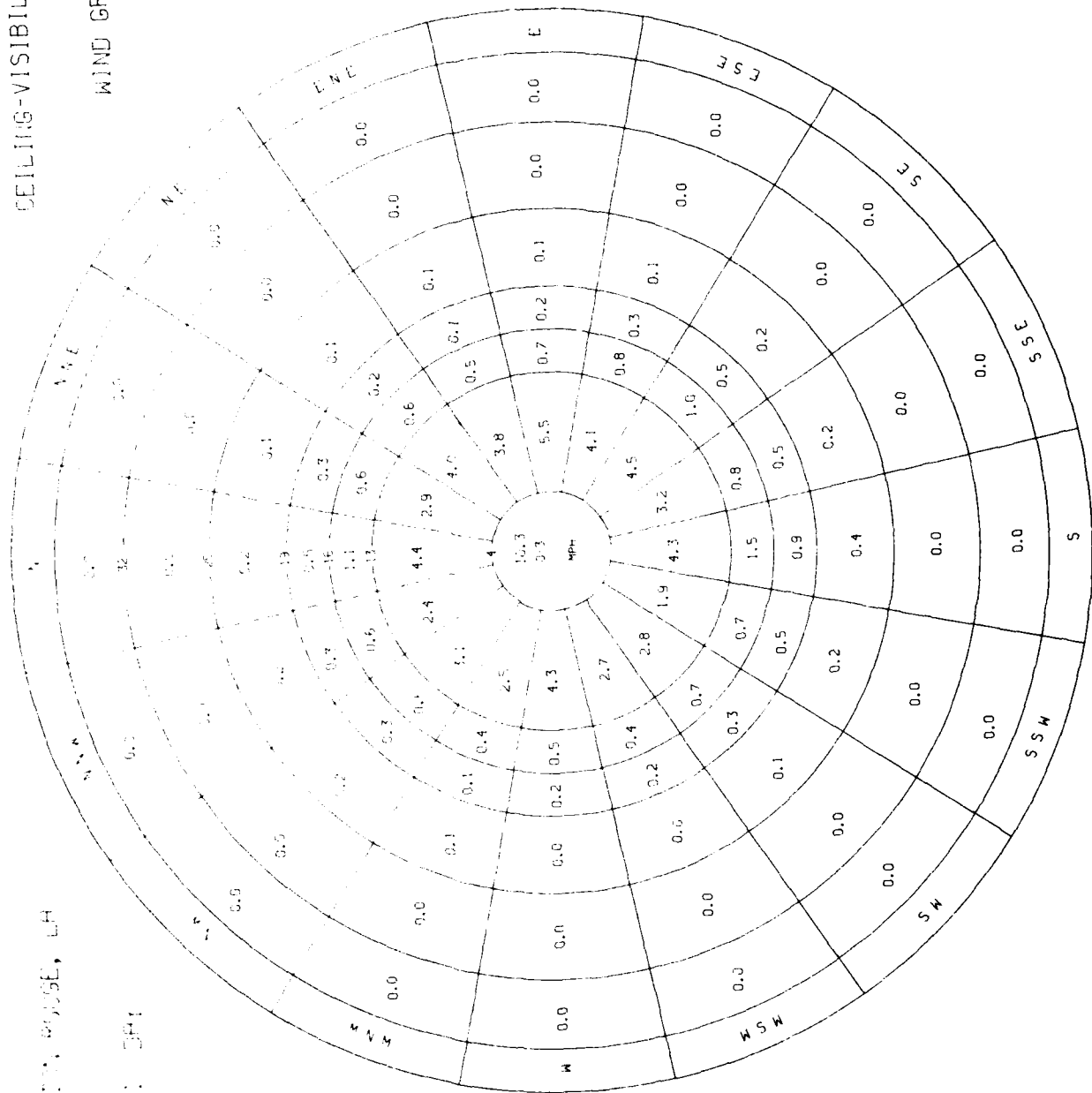
LIT LITTLE ROCK, AR

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



STE BRON BRIDGE, LA

NOV 1 1961

PRECEDING PAGE BLANK-NOT FILM

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ETR BATON ROUGE, LA

CLASS 1 / 047

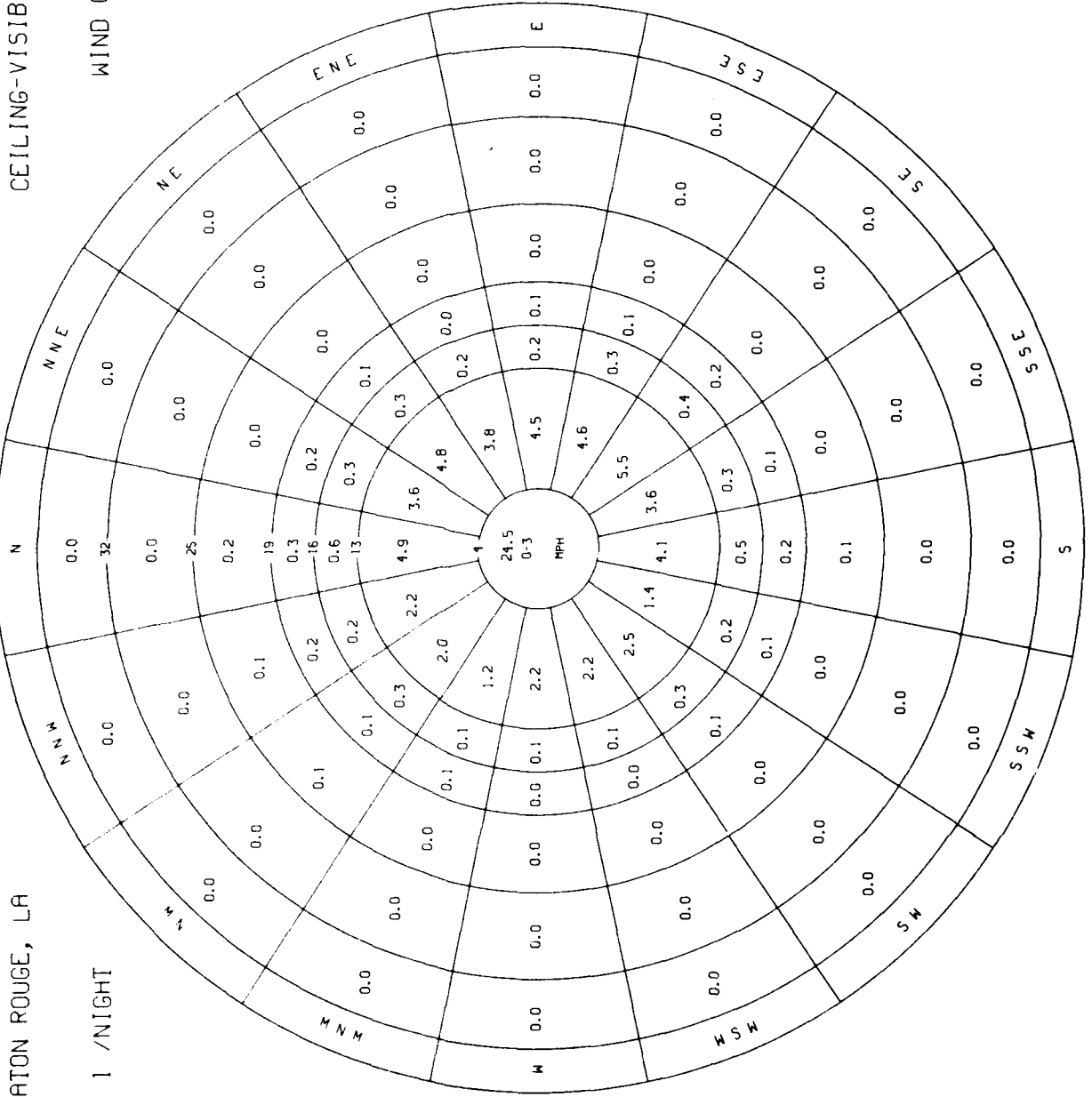
NO. OBS.: 40894

STATION NUMBER: 12976

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.4	.5	4.4	5.1	1.1	1.2	.5	.6	.2	.3	.0	.0	.0	.0	.0	.0	6.7	7.8	9.9
NNE	.4	.4	2.9	3.4	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.3	5.0	9.2
NE	.6	.7	4.0	4.7	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.6	6.4	8.4
ENE	.5	.5	3.8	4.4	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	5.0	5.8	8.4
E	.5	.6	5.5	6.3	.7	.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	7.0	8.1	8.6
ESE	.3	.3	4.1	4.8	.8	1.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.7	6.6	9.5
SE	.4	.5	4.5	5.2	1.0	1.2	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	6.6	7.6	9.8
SSE	.2	.2	3.2	3.7	.8	.9	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	4.9	5.6	10.6
S	.3	.3	4.3	5.0	1.5	1.7	.9	1.1	.4	.4	.0	.1	.0	.0	.0	.0	7.4	8.6	11.3
SSW	.2	.2	1.9	2.1	.7	.9	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	3.5	4.1	11.5
SW	.3	.3	2.8	3.3	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.8	9.8
WSW	.2	.2	2.7	3.2	.4	.4	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	3.5	4.1	9.0
W	.4	.5	4.3	5.0	.5	.6	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	5.4	6.3	8.4
WNW	.2	.3	2.5	2.9	.4	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.4	3.9	8.8
NW	.4	.4	3.1	3.6	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	4.5	5.2	9.5
NNW	.2	.2	2.4	2.8	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	3.7	4.3	10.2
CALM	4.9	5.7																	
TOTAL	10.3	11.9	56.5	65.6	11.5	13.4	5.5	6.4	2.1	2.5	.2	.2	.2	.2	.2	.2	86.1	100	9.0

CEILING-VISIBILITY

WIND GRAPH



BTK BATON ROUGE, LA

CLASS 1 / NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 1 / NIGHT

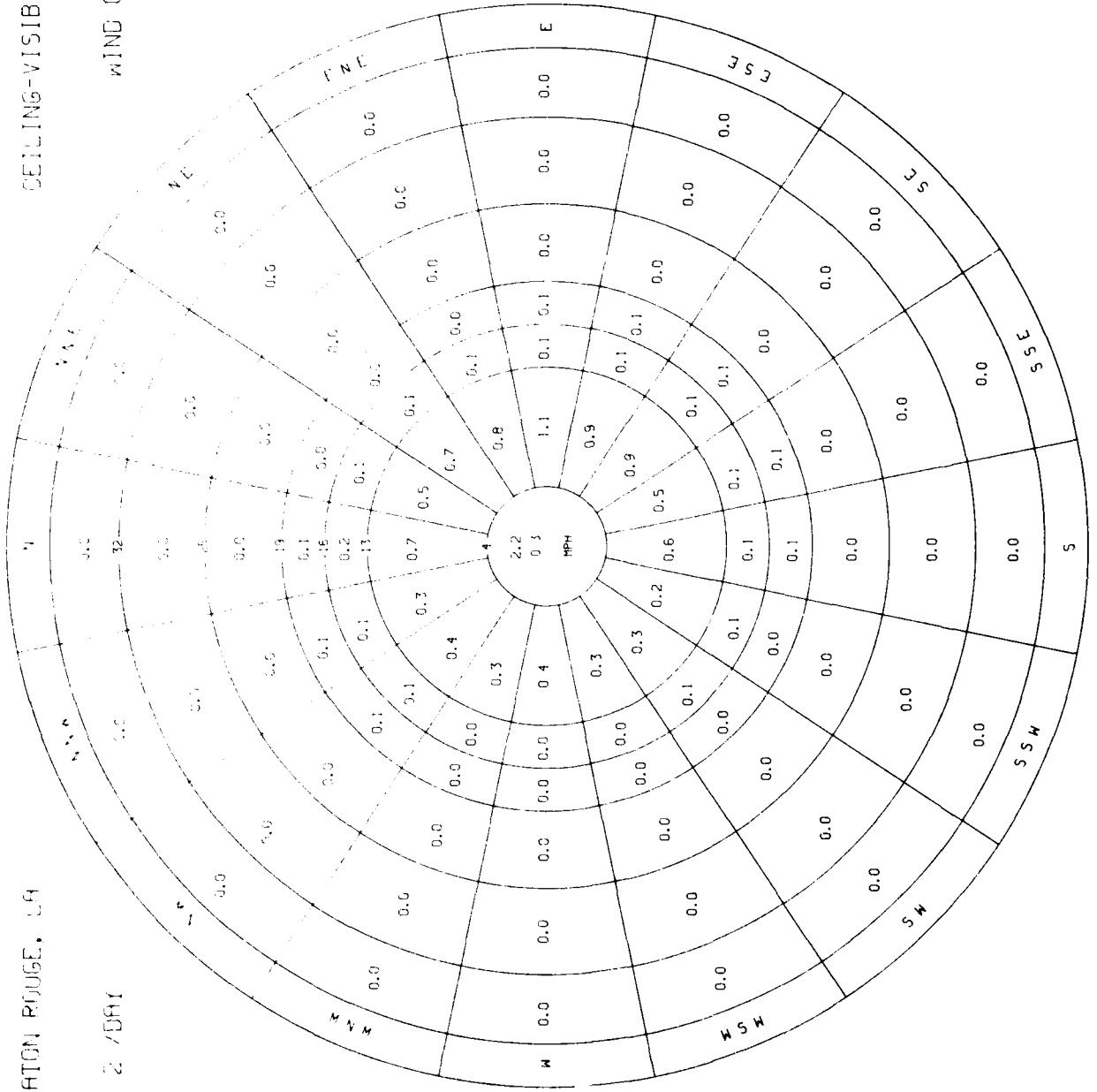
NO. OBS.: 33950

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.7	.8	4.9	5.8	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.9	8.5
NNE	.7	.8	3.6	4.2	.3	.4	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.6	7.8
NNE	1.1	1.3	4.8	5.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.5	6.7
ENE	.8	1.0	3.8	4.5	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.7	6.5
E	1.0	1.2	4.5	5.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.8	6.8
ESE	.7	.8	4.6	5.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.7	7.3
SE	.9	1.1	5.5	6.6	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.4	7.5
SSE	.5	.6	3.6	4.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.4	7.8
S	.5	.6	4.1	4.8	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.2	8.5
SSW	.2	.2	1.4	1.6	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.2	9.0
SW	.4	.4	2.5	3.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.9	8.1
WSW	.2	.3	2.2	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	7.1
W	.5	.6	2.2	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4	6.2
WNW	.3	.3	1.2	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0	7.6
NW	.4	.5	2.0	2.3	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.5	8.2
NNW	.3	.4	2.2	2.6	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.6	8.4
CALM	15.4	18.2																	15.4	18.2	
TOTAL	24.5	29.0	53.1	62.8	4.4	5.2	1.8	2.1	.7	.8	.1	.1	.0	.0	.0	.0	.0	.0	84.5	100	6.2

BIR BATON ROUGE, LA

CLASS 2 / DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: FIFTH EIGHTH BOUSE, LA

CLASS: 2 / DAY

NO. OBS.: 6584

STATION NUMBER: 13470

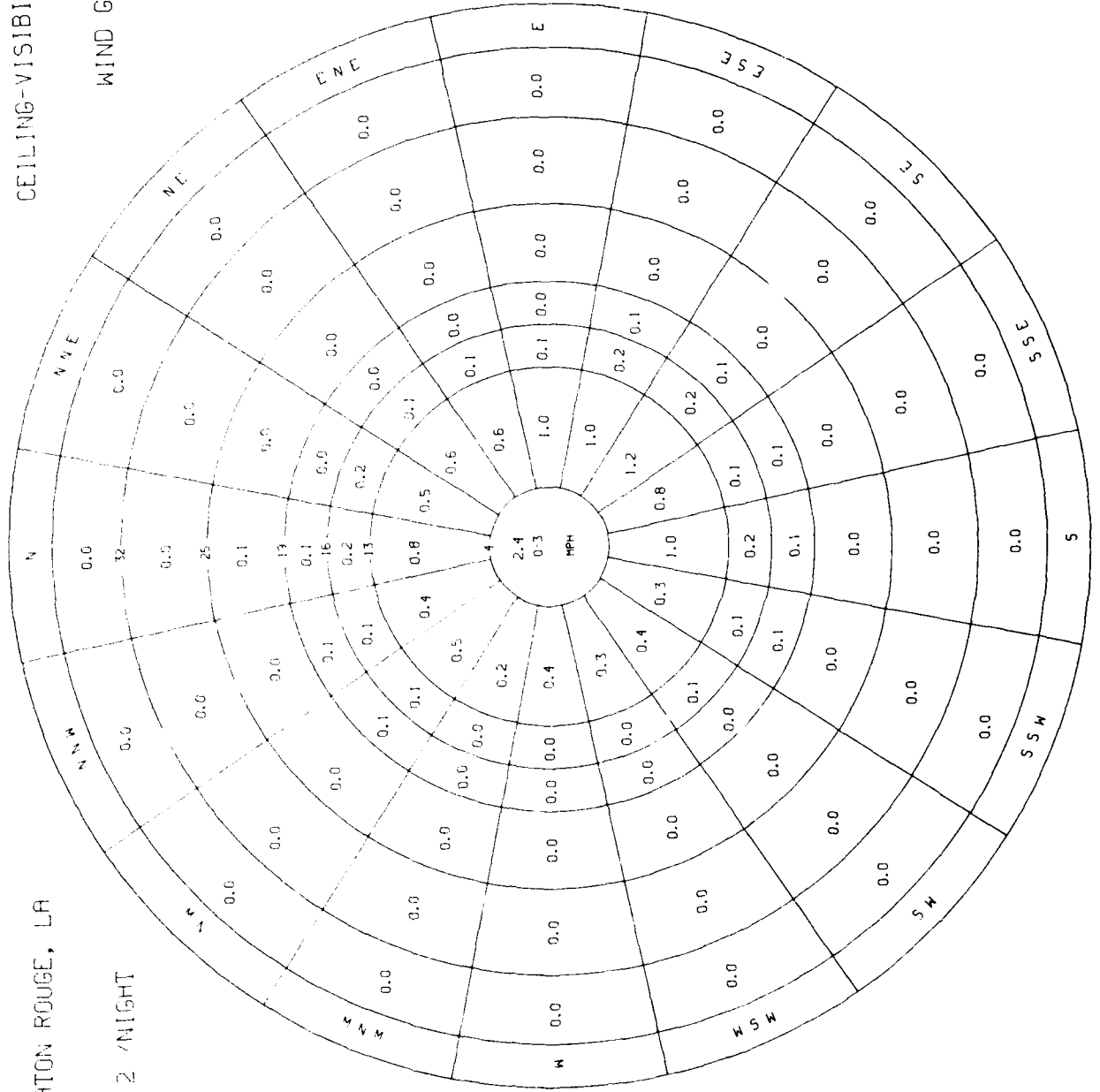
D I R	SPEED GROUPS (MPH)																								AVG WIND SPEED		
	0-3			4-12			13-15			16-18			19-24			25-31			32+			TOTAL					
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C			
N	.1	.5	.7	4.9	.2	1.4	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.9	10.2
NNE	.1	.6	.5	3.5	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.3	9.5
NENE	.1	.9	.7	5.0	.1	.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.1	8.5
ENE	.1	.9	.8	5.6	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.4	7.8
E	.1	.0	1.1	2.0	.1	1.0	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	10.5	8.4
ESE	.1	.7	.9	6.3	.1	.9	.1	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.5	8.9
SE	.1	.4	.3	6.4	.1	.9	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.6	9.6
SSE	.2	.3	.5	3.8	.1	1.0	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.7	10.3
S	.2	.2	.6	4.7	.1	1.0	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.9	10.7
SSW	.0	.1	.2	1.3	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.4	11.2
SW	.0	.2	.3	2.0	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.1	10.0
WSW	.0	.2	.3	1.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	8.7
W	.1	.5	.4	2.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5	7.8
WNW	.0	.2	.3	2.0	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.9	9.6
NW	.0	.3	.4	2.9	.1	1.0	.1	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0	10.6
NNW	.0	.2	.3	2.4	.1	.6	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.1	11.1
CALM	1.2	8.5																							1.2	8.5	
TOTAL	2.2	15.6	8.8	63.4	1.6	11.7	.8	2.9	.4	2.9	.0	.3	.0	.1	13.9	100	8.6										

CEILING-VISIBILITY

WIND GRAPH

BTR BATON ROUGE, LA

CLASS 2 NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 8TH BATON ROUGE, LA

PERIOD: 1949-1978

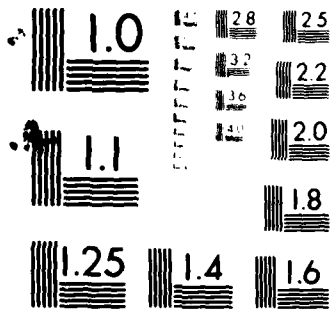
CLASS 2 / NIGHT

STATION NUMBER: 13970

NO. OBS.: 6207

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.4	.8	5.2	.2	1.5	.1	.9	.1	.3	.0	.0	.0	.0	.0	.0	1.3	8.3	10.6
NNE	.1	.5	.5	3.3	.2	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.2	9.7
NE	.1	.8	.6	4.0	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.9	5.9	8.6
ENE	.1	.6	.6	3.8	.1	.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	5.3	8.5
E	.2	1.0	1.0	6.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.3	8.3	8.0
ESE	.1	.7	1.0	6.6	.2	1.0	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	1.4	9.1	9.1
SE	.1	.9	1.2	7.6	.2	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	1.6	10.4	9.0
SSE	.1	.4	.8	5.2	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.0	6.7	9.1
S	.1	.5	1.0	6.5	.2	1.4	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.4	9.0	9.8
SSW	.0	.1	.3	1.8	.1	.8	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.5	3.4	11.7
SW	.0	.2	.4	2.5	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.7	10.1
WSW	.0	.1	.3	1.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.4	8.7
W	.0	.3	.4	2.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.9	7.7
WNW	.0	.1	.2	1.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.1	9.7
NW	.0	.3	.5	3.0	.1	.6	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.7	4.7	10.2
NNW	.0	.2	.4	2.5	.1	.9	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.7	4.3	11.2
CALM	1.3	8.4															1.3	8.4	
TOTAL	2.4	15.6	9.9	63.8	1.9	12.2	.9	6.0	.3	2.1	.0	.0	.2	.0	.1	15.5	100	8.6	





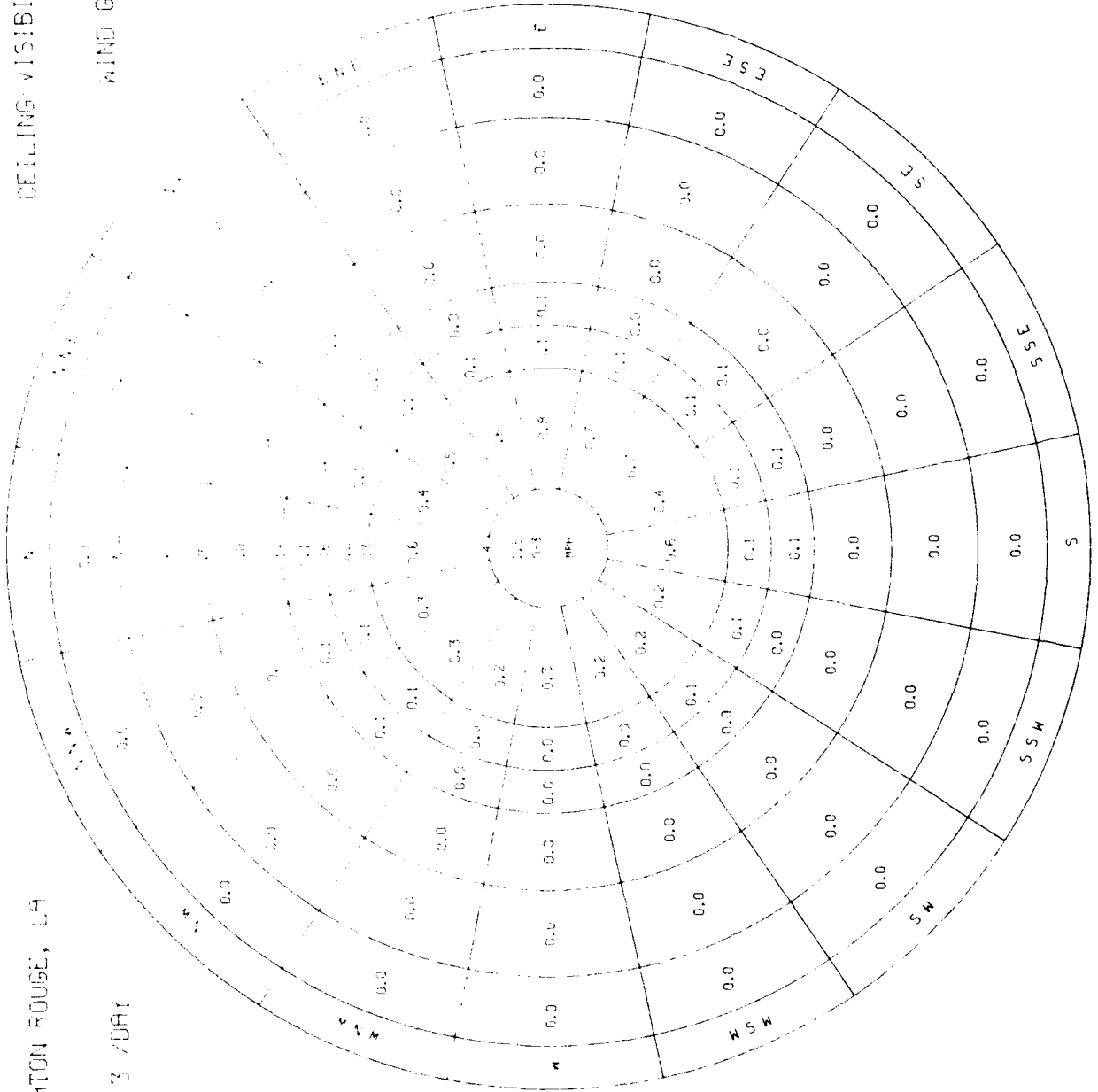
MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VISIBILITY

WIND GRAPH

BTR BATON ROUGE, LA

CLASS 3 / DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BIR BATON ROUGE, LA

CLASS 3 / DAY

NO. OBS.: 5423

STATION NUMBER: 13970

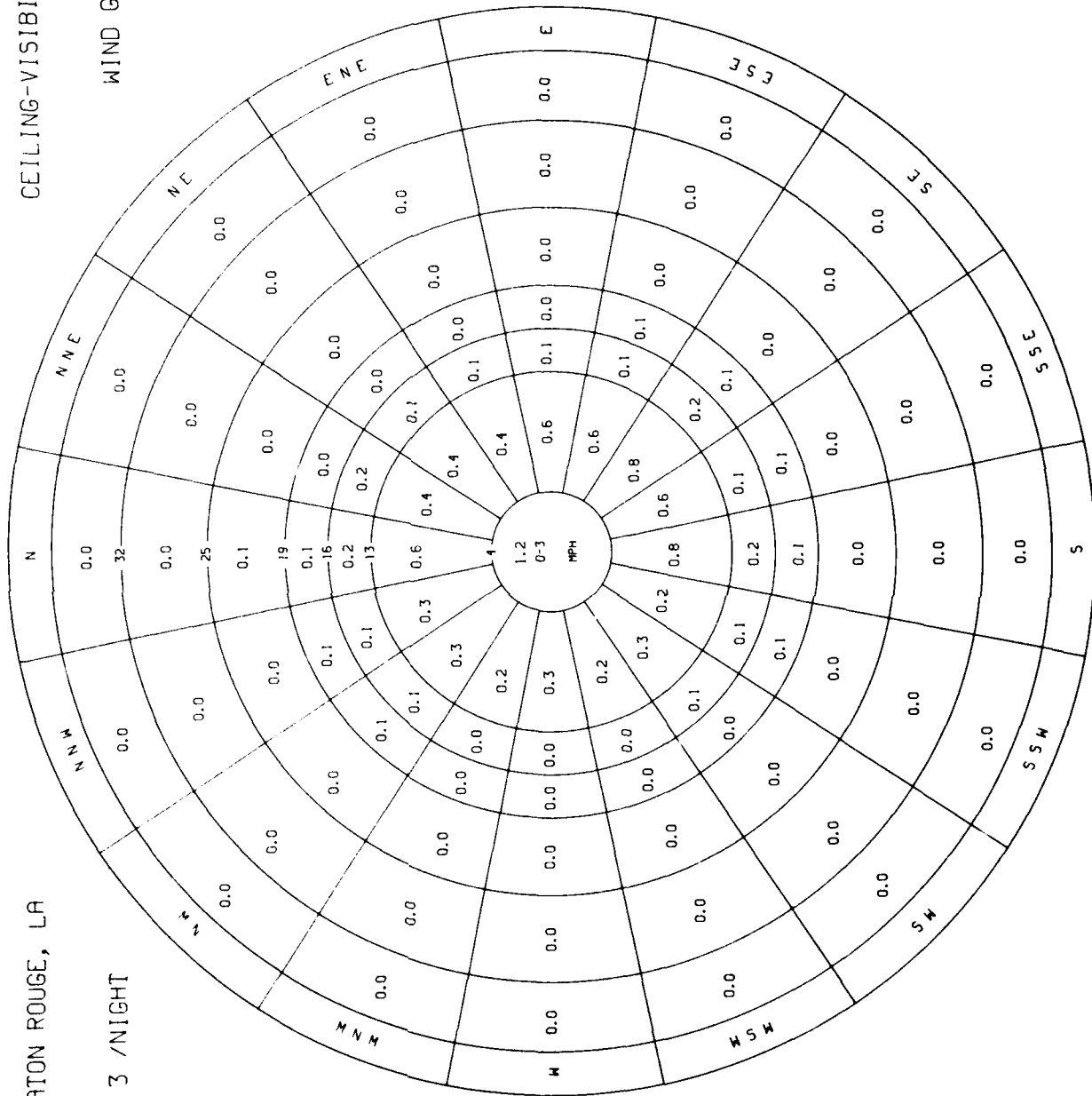
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.6	5.5	.2	1.7	.1	.9	.0	.3	.0	.0	.0	.0	.0	1.0	8.8	10.6	
NNE	.1	.6	.4	3.7	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.7	5.8	9.9	
NE	.1	.9	.5	4.7	.1	.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.8	6.9	8.9	
ENE	.1	.7	.6	5.0	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.8	6.8	8.4	
E	.1	.8	.8	7.2	.1	1.1	.1	.4	.0	.3	.0	.0	.0	.0	.0	1.1	9.8	8.9	
ESE	.1	.6	.7	5.8	.1	.9	.0	.4	.0	.3	.0	.0	.0	.0	.0	.9	8.1	9.3	
SE	.0	.3	.7	5.8	.1	1.1	.1	.8	.0	.3	.0	.1	.0	.0	.0	.9	8.2	10.2	
SSE	.0	.2	.4	3.8	.1	1.1	.1	.5	.0	.2	.0	.0	.0	.0	.0	.7	5.8	10.7	
S	.0	.2	.6	5.2	.1	1.2	.1	.7	.0	.4	.0	.1	.0	.0	.0	.9	7.8	10.9	
SSW	.0	.1	.2	1.4	.1	.6	.0	.3	.0	.1	.0	.1	.0	.0	.3	2.6	11.3		
SW	.0	.2	.2	2.1	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.3	10.2		
WSW	.0	.2	.2	2.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.6	8.8		
W	.0	.4	.3	2.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.7	8.0		
WNW	.0	.2	.2	2.2	.0	.4	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.2	9.8		
NW	.0	.3	.3	3.0	.1	1.1	.1	.5	.0	.4	.0	.0	.0	.0	.6	5.3	10.9		
NNW	.0	.2	.3	2.5	.1	.7	.1	.6	.0	.4	.0	.0	.0	.0	.5	4.3	11.6		
CALM	.8	6.8																	
TOTAL	1.5	13.1	7.2	62.7	1.5	13.6	.8	6.9	.4	3.3	.0	.3	.0	.1	11.4	100		9.2	

CEILING-VISIBILITY

WIND GRAPH

BTR BATON ROUGE, LA

CLASS 3 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 3 / NIGHT

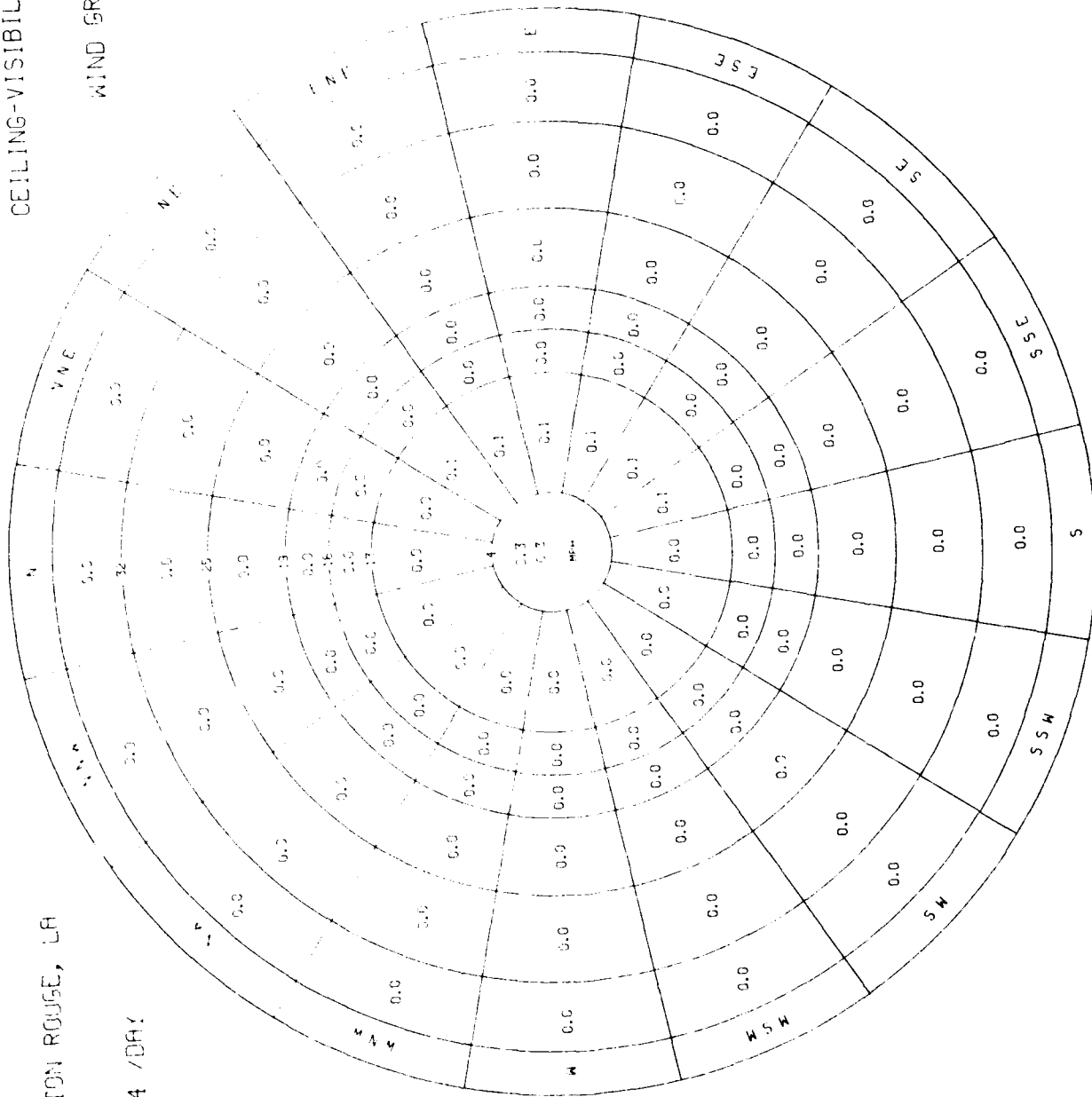
NO. OBS.: 4609

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.3	.6	5.4	.2	1.9	.1	1.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	1.1	9.4	11.2
NNE	.0	.3	.4	3.7	.2	1.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	5.8	10.4
NE	.1	.7	.4	3.9	.1	.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	5.9	9.4
ENE	.1	.5	.4	3.8	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	5.4	9.1
E	.1	.6	.6	5.1	.1	.8	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.8	7.0	9.1
ESE	.0	.4	.6	5.2	.1	1.2	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.9	7.8	10.1
SE	.1	.6	.8	6.7	.2	1.4	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.1	9.7	9.9
SSE	.0	.3	.6	5.5	.1	.9	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	7.3	9.6
S	.1	.6	.8	7.1	.2	1.8	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.2	10.2	10.1
SSH	.0	.1	.2	2.1	.1	1.1	.1	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	4.1	12.2
SW	.0	.2	.3	2.9	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.4	10.5
WSW	.0	.1	.2	2.1	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	9.1
W	.0	.2	.3	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	8.3
WNW	.0	.1	.2	1.5	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	10.3
NW	.0	.3	.3	2.9	.1	.7	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.5	4.8	10.9
NNW	.0	.2	.3	2.8	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.6	5.0	11.6
CALM	.6	5.4																.6	5.4	
TOTAL	1.2	10.7	7.2	63.0	1.8	15.4	.9	7.8	.3	2.7	.0	.3	.0	.1	11.5	100	.0	.1	11.5	9.6

CEILING-VISIBILITY

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 4 / DAY

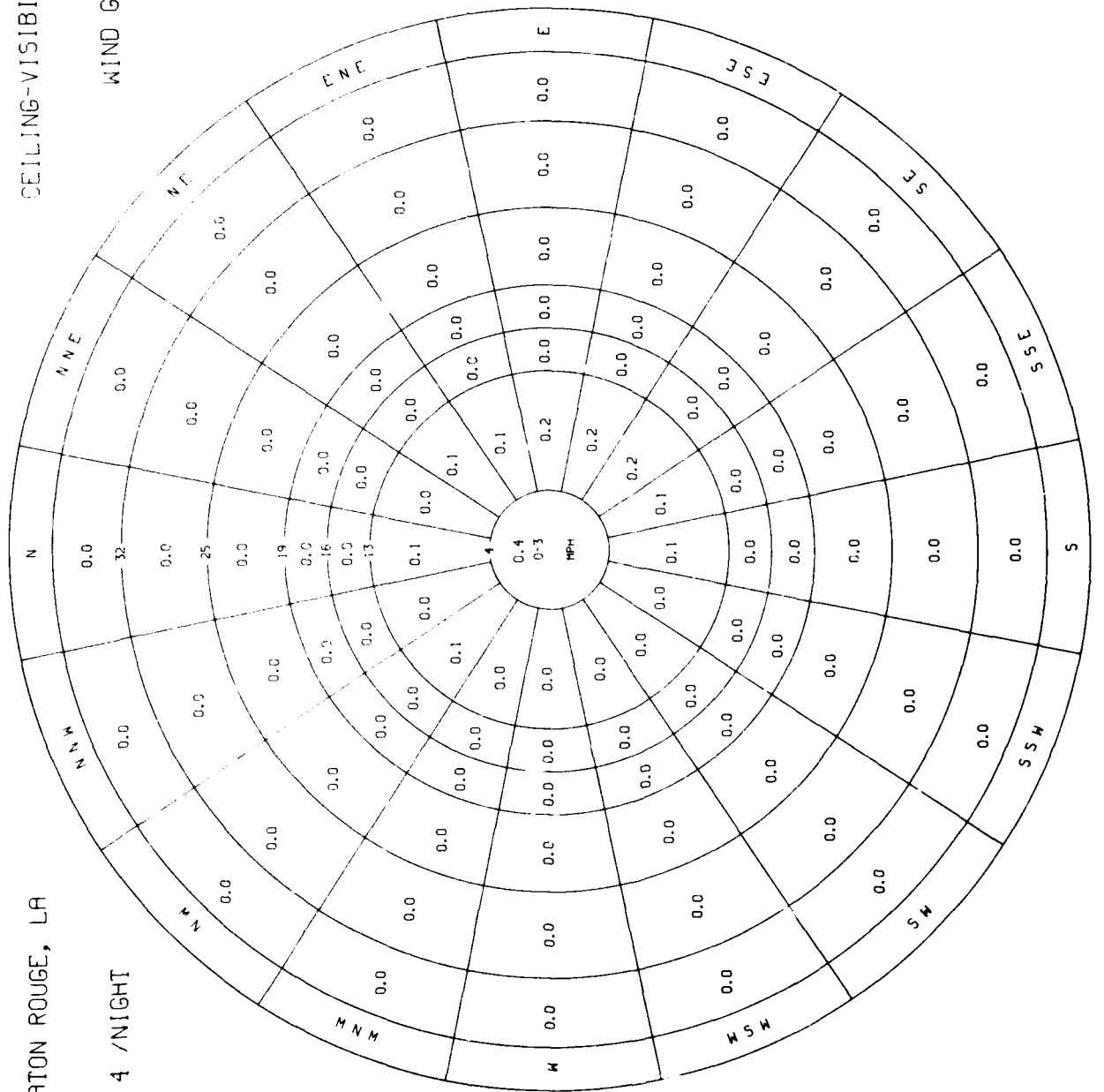
NO. OBS.: 665

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	.9	.0	3.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.7	6.8
NNE	.0	.5	.0	2.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	7.0
NE	.0	1.2	.1	6.5	.0	.3	.0	.3	.0	.2	.0	.3	.0	.0	.0	.1	8.7	7.9
ENE	.0	1.1	.1	7.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.6	6.4
E	.0	.8	.1	9.3	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	10.8	7.7
ESE	.0	1.5	.1	8.3	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	11.1	7.8
SE	.0	.6	.1	9.8	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.2	11.0	7.7
SSE	.0	.8	.1	4.2	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.1	5.4	8.3
S	.0	.3	.0	2.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	3.6	7.9
SSW	.0	.0	.0	1.1	.0	.5	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	1.8	11.8
SW	.0	.5	.0	1.4	.0	.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.3	9.5
WSW	.0	.2	.0	1.7	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	2.3	9.4
W	.0	.9	.0	2.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.1
WNW	.0	.5	.0	1.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.0
NW	.0	.8	.0	2.7	.0	.2	.0	.5	.0	.2	.0	.0	.0	.0	.0	.1	4.2	8.5
NNW	.0	.5	.0	2.9	.0	.3	.0	.5	.0	.2	.0	.0	.0	.0	.0	.1	4.2	8.7
CALM	2.12.0																	2.12.0
TOTAL	3.22.7		.9 67.7		.1 5.0		.0 2.4		.0 1.5		.0 .6		.0 .2		1.4 100			6.9

CEILING-VISIBILITY

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BTR BATON ROUGE, LA

PERIOD: 1949-1978

CLASS 4 / NIGHT

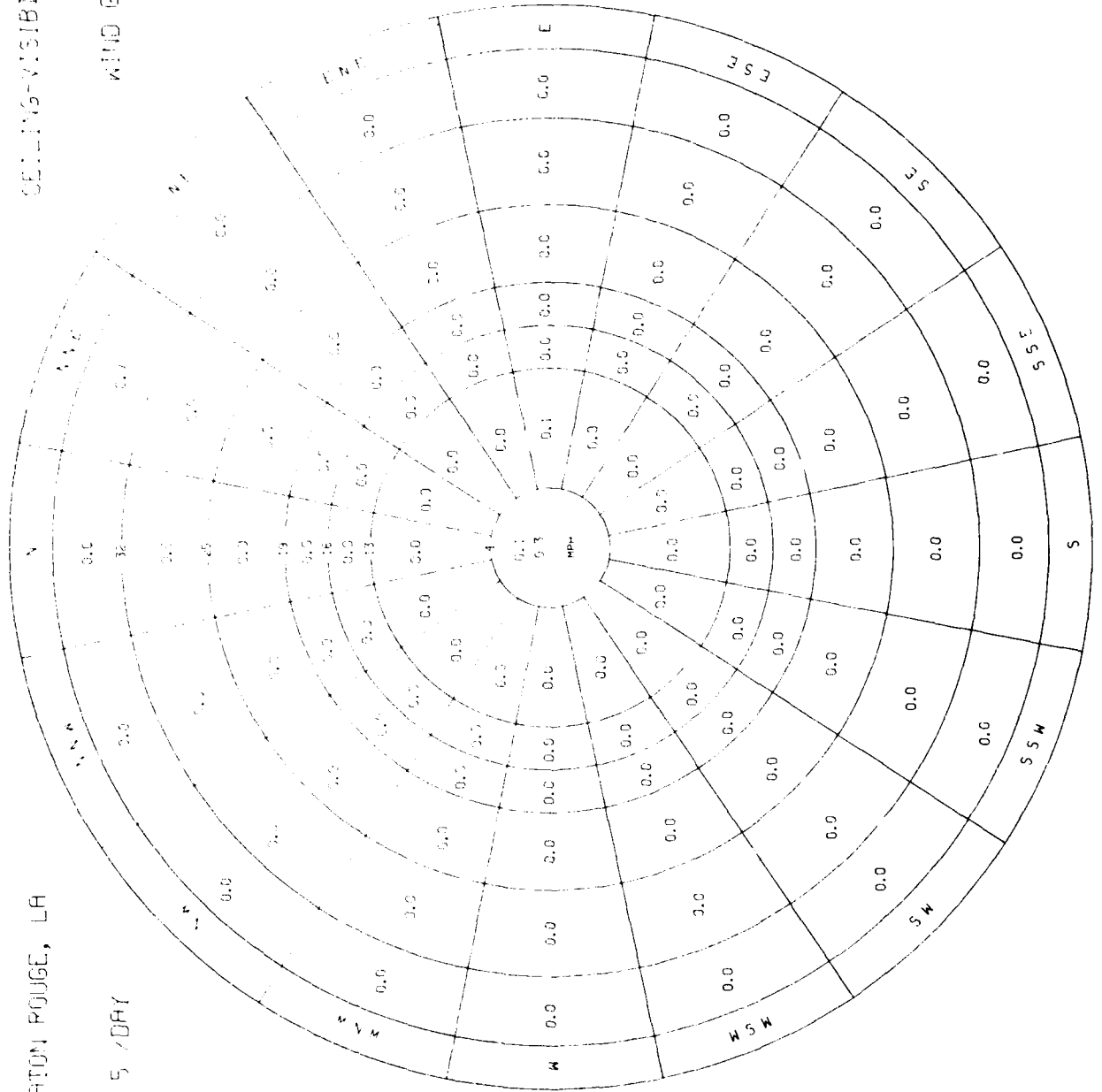
STATION NUMBER: 13970

NO. OBS.: 837

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.6	.1	6.2	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.6	8.1	
NNE	.0	.5	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	7.0	
NE	.0	1.1	.1	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	6.5	
ENE	.0	.7	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	7.8	
E	.0	1.0	.2	8.4	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.8	6.8	
ESE	.0	1.0	.2	11.9	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	13.7	8.2	
SE	.0	1.0	.2	10.5	.0	.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	12.5	8.2	
SSE	.0	.6	.1	4.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	7.6	
S	.0	.4	.1	4.9	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.9	8.8	
SSW	.0	.2	.0	1.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.6	8.2	
SW	.0	.4	.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.9	
WSW	.0	.1	.0	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.4	
W	.0	.2	.0	2.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.7	6.7	
WNW	.0	.1	.0	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.1	
NW	.0	.5	.1	4.3	.0	.6	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	5.7	9.1	
NNW	.0	.2	.0	2.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	9.0	
CALM	.2	11.6															.2	11.6		
TOTAL	.4	20.1	1.5	72.9	.1	5.0	.0	1.1	.0	.8	.0	.0	.0	.0	.0	.0	.1	2.1	100	6.9

CEILING-VISIBILITY

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 5 / DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BTR BATON ROUGE, LA

PERIOD: 1949-1978

CLASS 5 / DAY

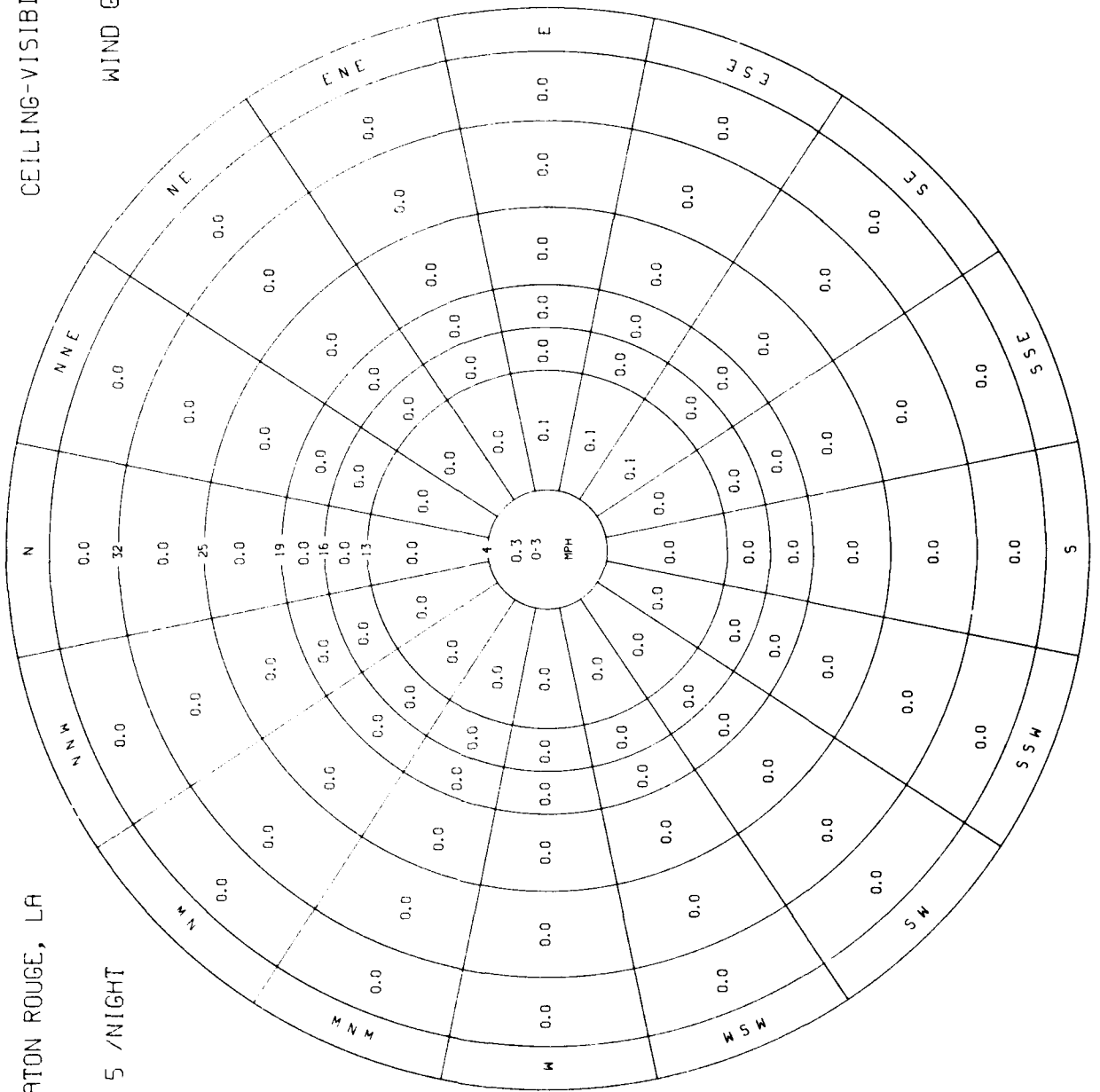
STATION NUMBER: 13970

NO. OBS.: 182

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.7
NNE	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
NE	.0	1.1	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0
ENE	.0	2.2	.0	10.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	5.3
E	.0	2.7	.1	19.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	22.0	6.0
ESE	.0	.5	.0	7.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	6.7
SE	.0	1.6	.0	7.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.8
SSE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.2
S	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.5
SSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.0
SW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.7
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
W	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.5
WNW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.7
NW	.0	.0	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.3
NNW	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.7
CALM	.1	15.9																	15.9	
TOTAL	.1	28.6	.3	69.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	100	5.1

CEILING-VISIBILITY:

WIND GRAPH



BTR BATON ROUGE, LA

CLASS 5 /NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

CLASS 5 / NIGHT

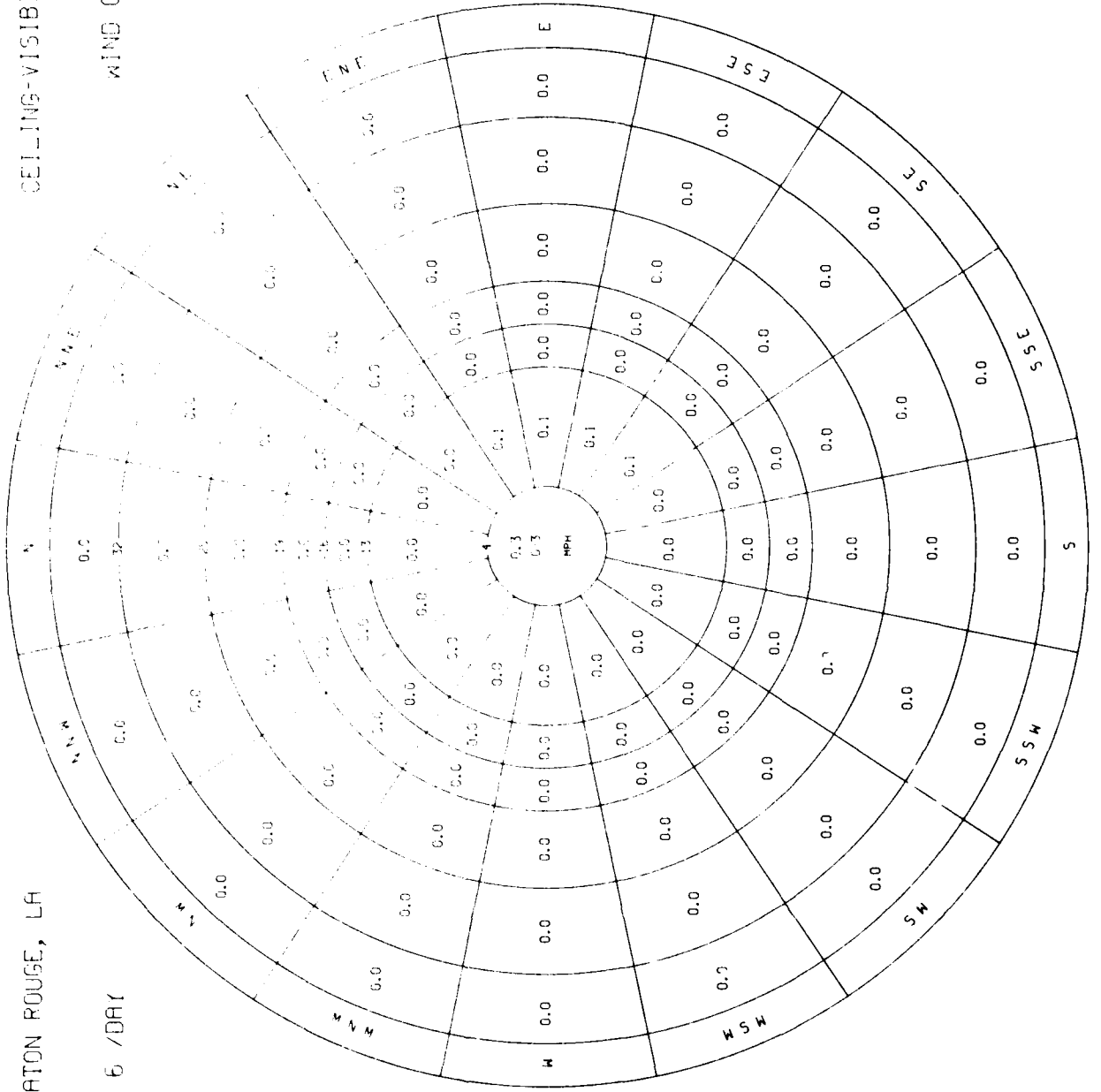
NO. OBS.: 312

STATION NUMBER: 13970

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
NNE	.0	.3	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
NE	.0	1.6	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	6.4
ENE	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.6
E	.0	4.2	.1	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8	7.2
ESE	.0	1.6	.1	10.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	6.0
SE	.0	2.9	.1	10.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.3
SSE	.0	.6	.0	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.6
S	.0	1.0	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.3
SSW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.3
SW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
WSW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.1
W	.0	.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.8
WNW	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.2
NW	.0	1.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.6
NNW	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	5.3
CALM	.1	16.7																.8	100
TOTAL	.3	33.3	.5	64.7	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	100

CEILING-VISIBILITY

WIND GRAPH



BIR BATON ROUGE, LA

CLASS 6 /DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: BTR BATON ROUGE, LA

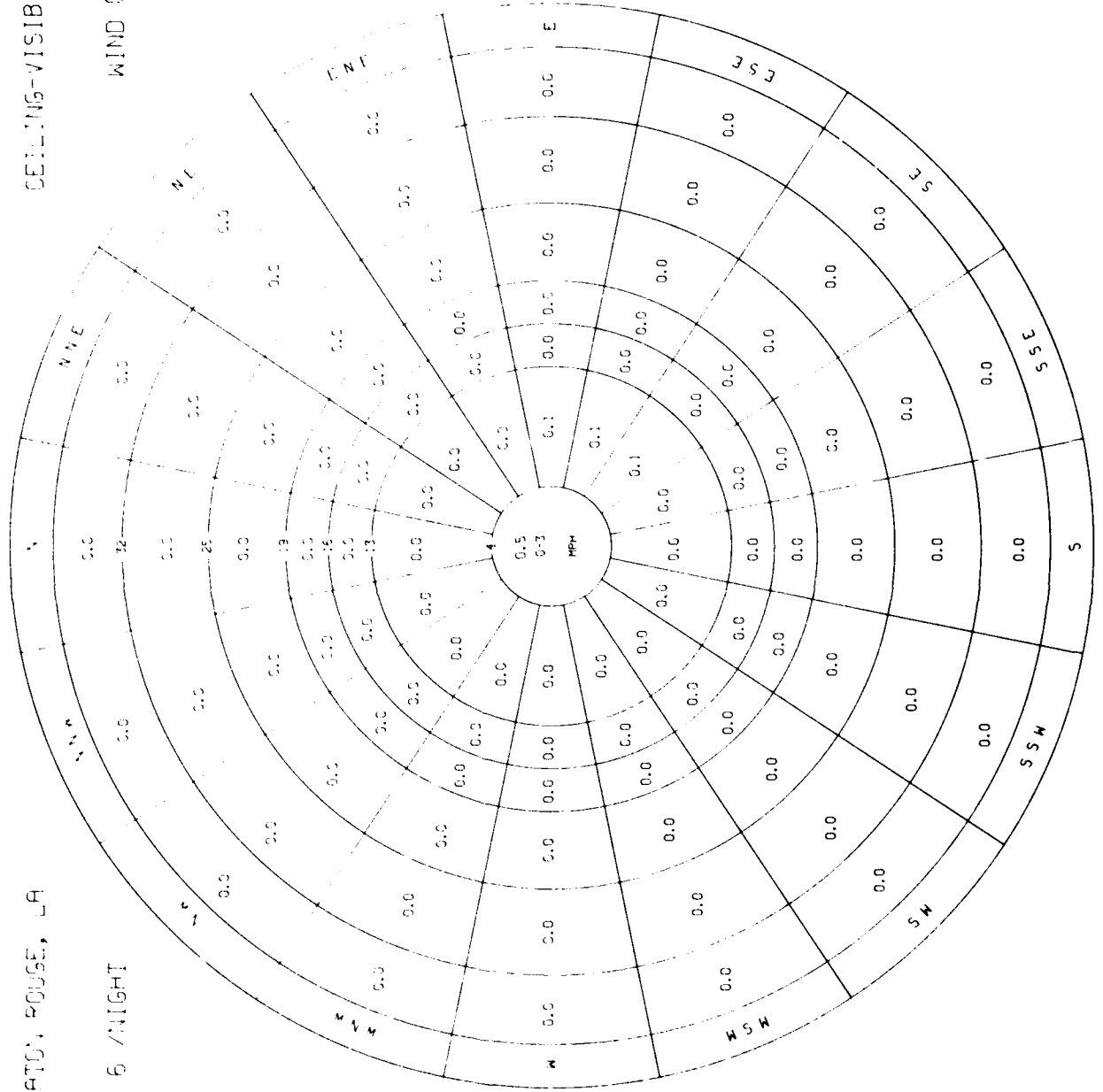
CLASS: 6 / DAY

STATION NUMBER: 13970

NO. OBS.: 314

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.0	
NNE	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.5	
NE	.0	1.3	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.2	
ENE	.0	2.2	.1	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	5.4	
E	.0	2.9	.1	12.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	5.5	
ESE	.0	1.3	.1	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5	6.0	
SE	.0	.6	.1	9.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5	6.6	
SSE	.0	.6	.0	3.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.4	
S	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7	
SSW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	
SW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0	
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5	
W	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.6	
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5	
NW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.3	
NNW	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.8	
CALM	.2	25.2															25.2		
TOTAL	.3	37.9	.4	61.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	100	
																		4.3	

BTP BATO, ROUSE, LA  
 CLASS 6 /NIGHT  
 CEILING-VISIBILITY  
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BTR BATON ROUGE, LA

PERIOD: 1949-1978

CLASS 6 / NIGHT

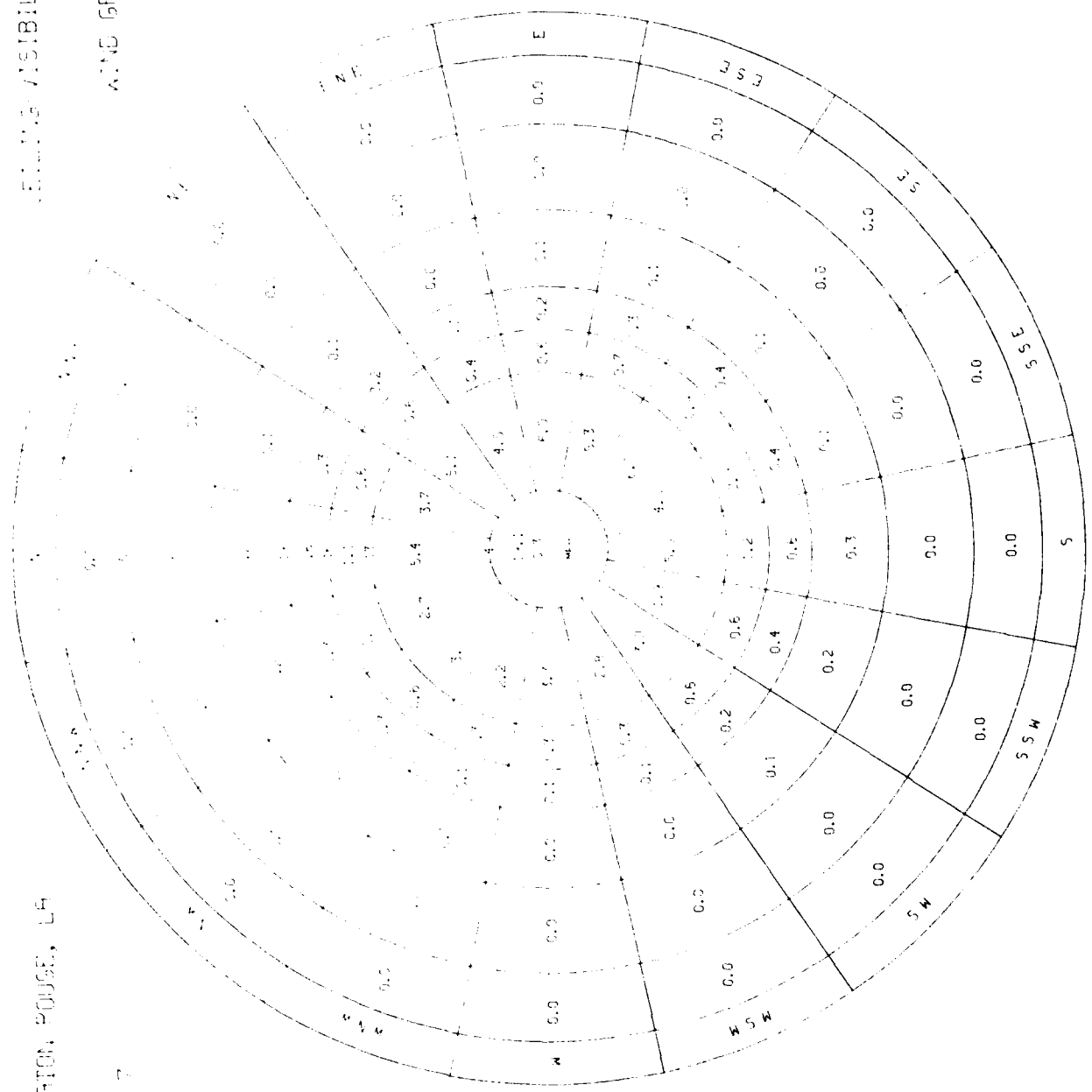
STATION NUMBER: 13970

NO. OBS.: 449

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.7	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.4	
NNE	.0	2.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.9	
NE	.0	1.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.5	
ENE	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.9	
E	.0	3.8	.1	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.15.6	5.5	
ESE	.0	2.9	.1	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.10.9	5.8	
SE	.0	2.0	.1	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.10.9	6.2	
SSE	.0	.7	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.1	
S	.0	.4	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.2	
SSW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.8	
SW	.0	.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.1	
WSW	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.3	
W	.0	.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.1	
WNW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.7	
NW	.0	.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.4	
NNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.7	
CALM	.3 27.6																		
TOTAL	.5	45.0	.6	55.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	100	4.1

RELATIVE VISIBILITY

WIND GRAPH

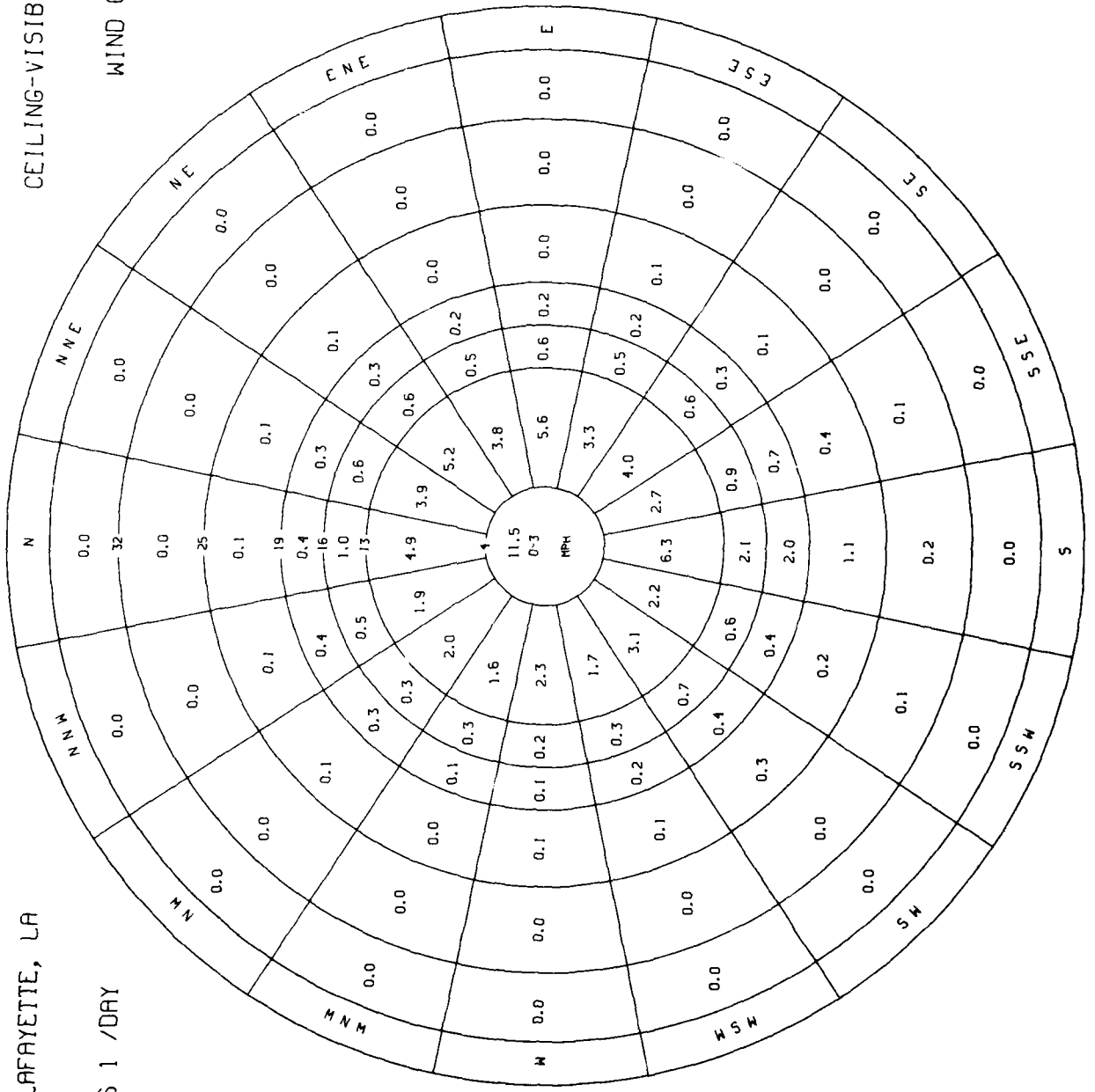


BTP BATON ROUGE, LA

1955-7

LFT LAFAYETTE, LA  
CLASS 1 /DAY

CEILING-VISIBILITY  
WIND GRAPH



PRECEDING PAGE BLANK-NOT FILL

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 1 / DAY

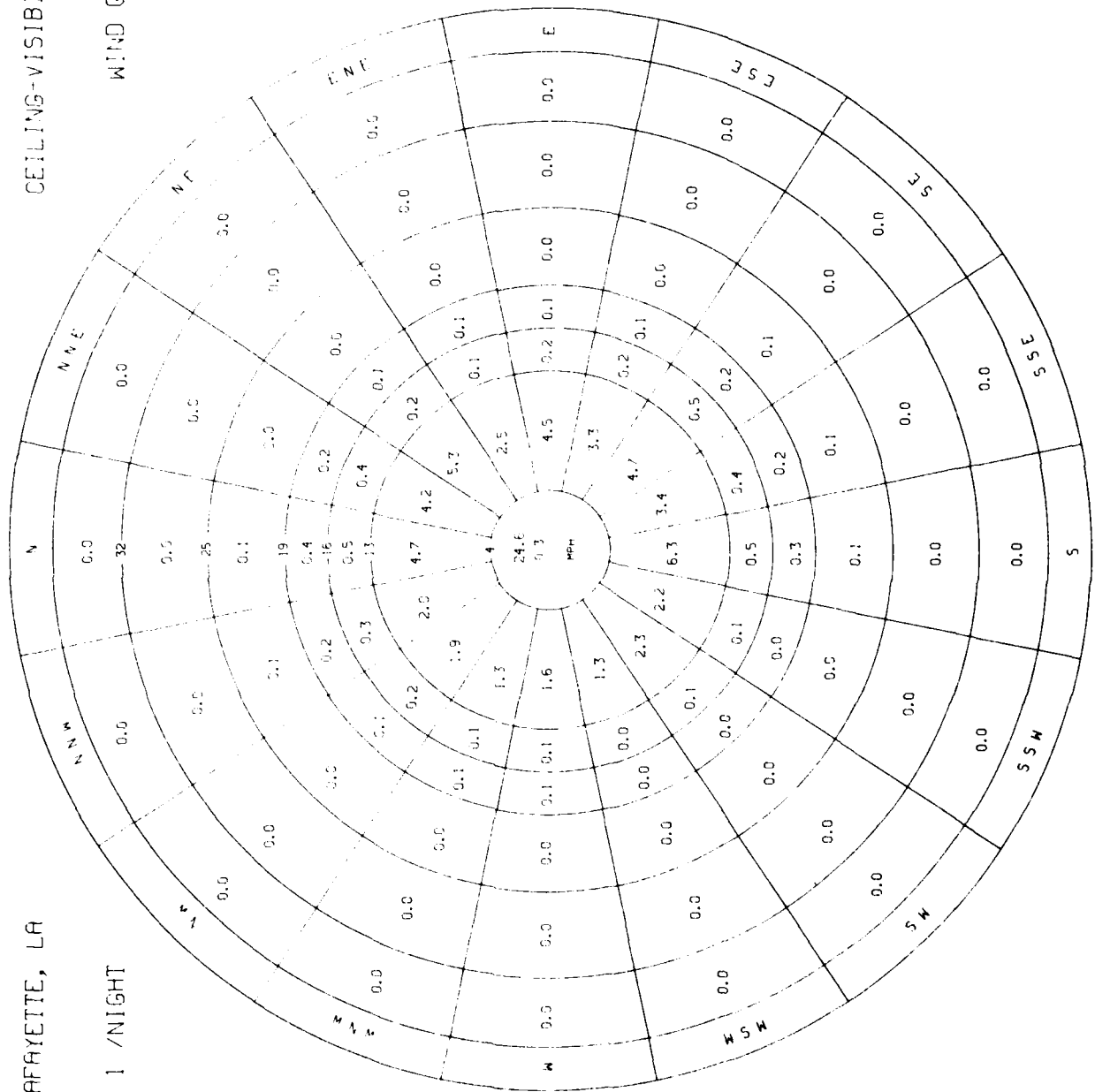
NO. OBS.: 20842

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.6	.6	4.9	5.6	1.0	1.1	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	6.9	8.1	9.3
NNE	.3	.4	3.9	4.6	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.3	6.2	9.3
NE	.9	1.0	5.2	6.0	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	7.0	8.1	8.2
ENE	.3	.4	3.8	4.5	.5	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.6	8.7
E	.9	1.0	5.6	6.6	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.3	8.5	8.0
ESE	.4	.4	3.3	3.9	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.4	5.1	8.8
SE	.7	.8	4.0	4.6	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.7	6.6	8.8
SSE	.2	.2	2.7	3.1	.9	1.0	.7	.8	.4	.4	.1	.1	.1	.0	.0	.0	4.9	5.7	11.7
S	.6	.7	6.3	7.4	2.1	2.4	2.0	2.4	1.1	1.2	.2	.3	.0	.0	.0	.0	12.4	14.4	12.2
SSW	.2	.3	2.2	2.6	.6	.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.6	4.2	11.0
SW	.5	.6	3.1	3.6	.7	.8	.4	.5	.3	.3	.0	.1	.0	.0	.0	.0	5.1	5.9	10.2
WSW	.1	.2	1.7	2.0	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.9	9.8
W	.3	.4	2.3	2.7	.2	.3	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	3.1	3.6	8.7
WNW	.1	.2	1.6	1.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.5	9.4
NW	.3	.3	2.0	2.4	.3	.4	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.5	9.7
NNW	.2	.3	1.9	2.2	.5	.5	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.6	10.4
CALM	4.8	5.5															4.8	5.5	
TOTAL	11.5	13.4	54.6	63.4	10.1	11.8	6.6	7.7	2.8	3.2	.4	.5	.0	.0	.0	86.2	100	9.2	

LFT LAFAYETTE, LA  
 CLASS 1 / NIGHT

CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 1 / NIGHT

NO. OBS.: 16222

STATION NUMBER: 13976

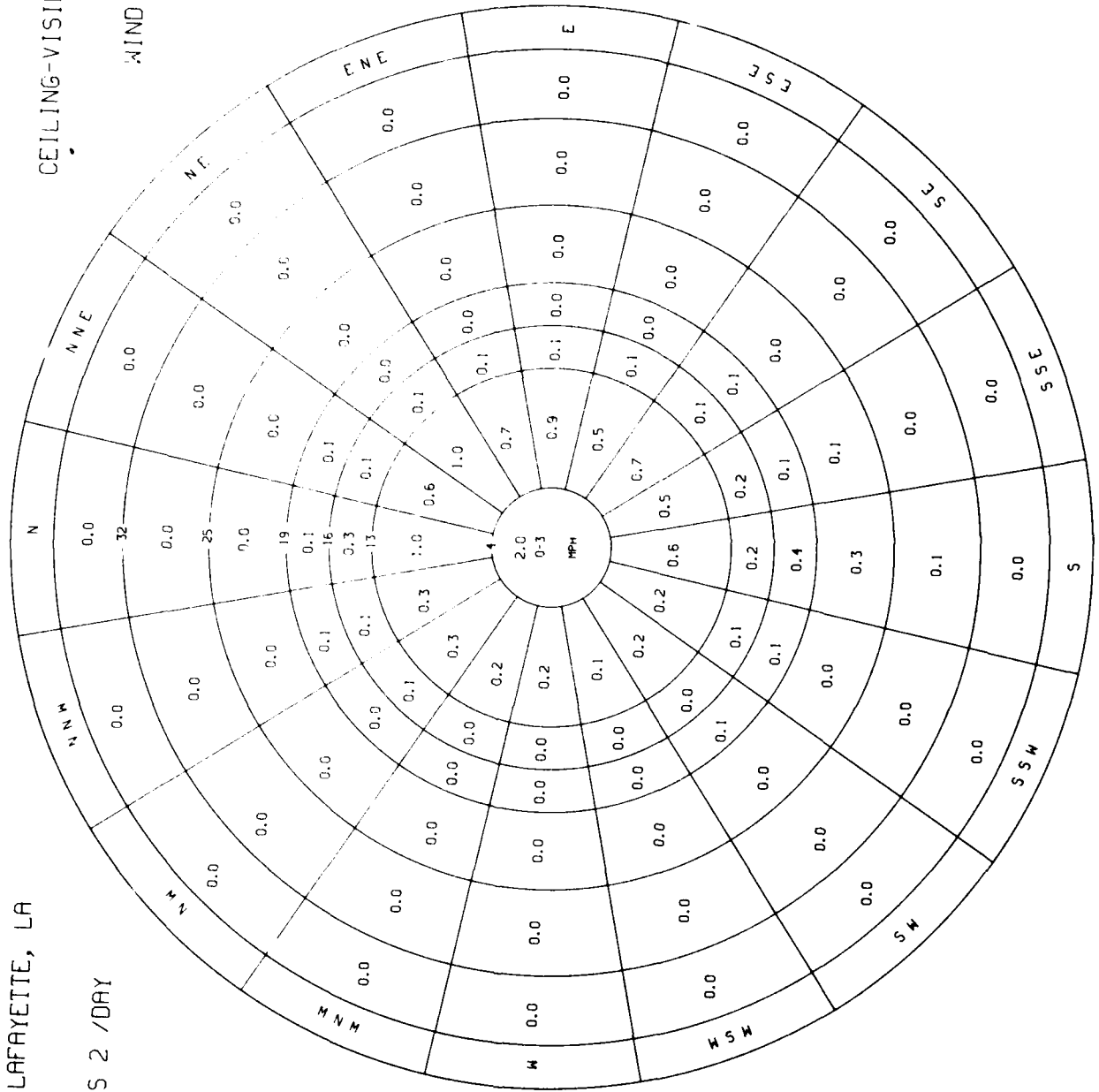
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	1.0	4.7	5.7	.5	.6	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.5	7.8	8.3
NNE	.4	.5	4.2	5.1	.4	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.5	8.3
NE	1.2	1.5	5.3	6.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.9	8.3	6.8
ENE	.5	.6	2.5	3.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.9	6.9
E	1.4	1.7	4.5	5.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.2	7.5	6.5
ESE	.5	.7	3.3	3.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0	7.5
SE	1.2	1.4	4.7	5.7	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.7	8.0	7.7
SSE	.4	.5	3.4	4.1	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.4	8.4
S	1.2	1.5	6.3	7.6	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	8.3	10.1	7.6
SSW	.4	.5	2.2	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.4	7.0
SW	1.0	1.2	2.3	2.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.1	5.9
WSW	.4	.5	1.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.1	6.7
W	.5	.6	1.6	1.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.7	6.6
WNW	.3	.3	1.3	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.2	7.4
NW	.5	.6	1.9	2.3	.2	.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.7	3.3	7.9
NNW	.2	.2	2.0	2.4	.3	.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.3	9.4
CALM	13.5	16.3															13.5	16.3	
TOTAL	24.6	29.7	51.5	62.2	3.9	4.8	2.2	2.6	.5	.6	.0	.0	.0	.0	.0	.0	182.8	100	6.2

LFT LAFAYETTE, LA

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 2 / DAY

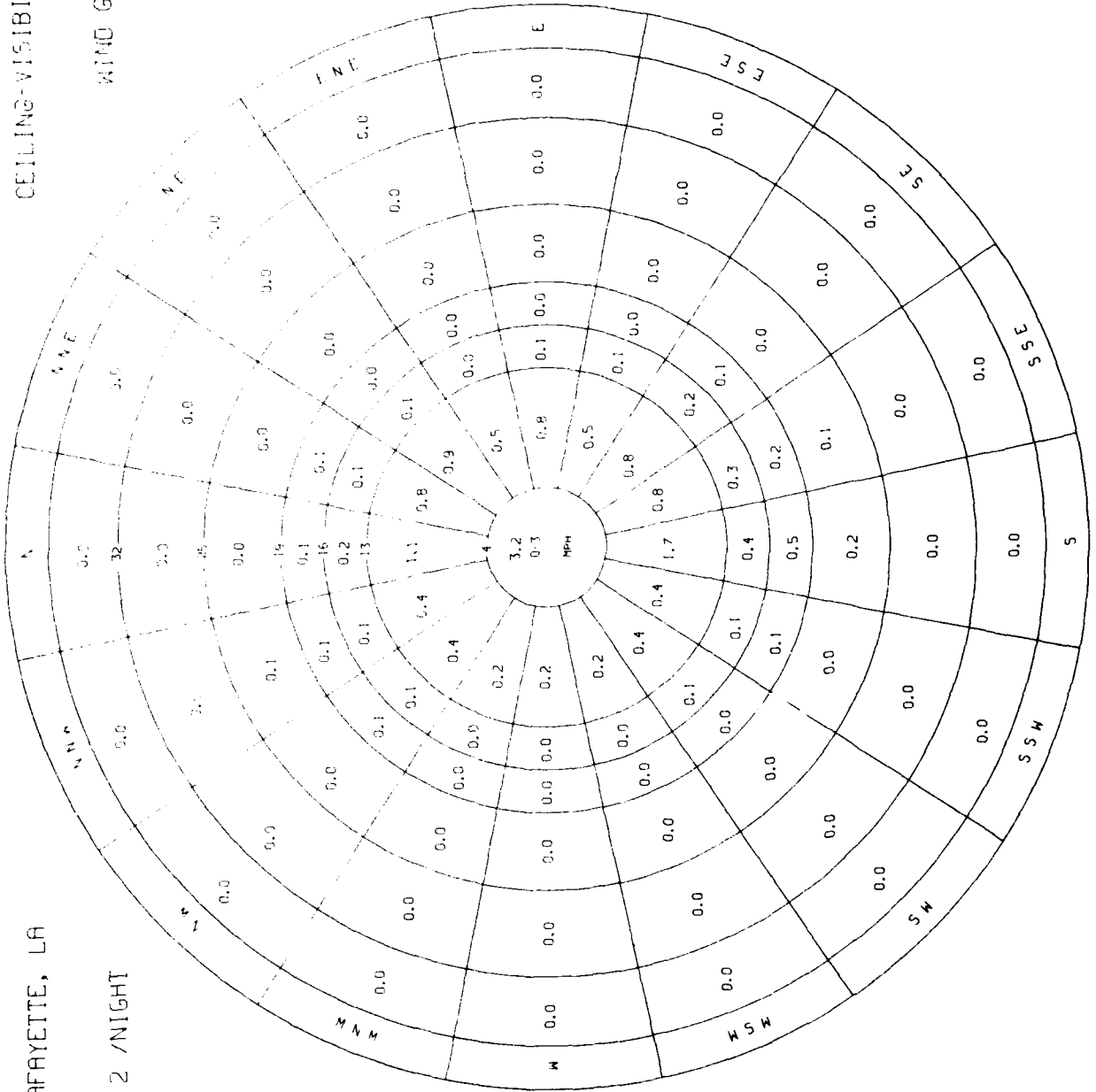
NO. OBS.: 3347

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.8	1.0	7.1	.3	1.8	.1	1.0	.0	.4	.0	.0	.0	.0	.0	1.5	11.1	10.4	
NNE	.1	.5	.6	4.5	.1	1.0	.1	.7	.0	.2	.0	.0	.0	.0	.0	1.0	7.0	10.1	
NE	.2	1.3	1.0	7.5	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.4	9.9	8.3	
ENE	.1	.5	.7	4.8	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.9	6.2	8.2	
E	.2	1.4	.9	6.4	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	1.2	9.0	8.1	
ESE	.0	.2	.5	3.7	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.0	.7	5.0	9.6	
SE	.1	.7	.7	4.8	.1	.7	.1	.6	.0	.2	.0	.1	.0	.0	.0	1.0	7.1	9.8	
SSE	.0	.1	.5	3.5	.2	1.2	.1	1.1	.1	.8	.0	.3	.0	.0	.1	1.0	7.0	13.4	
S	.0	.3	.6	4.5	.2	1.7	.4	2.5	.3	2.4	.1	.5	.0	.2	.2	1.7	12.2	15.2	
SSW	.0	.1	.2	1.2	.1	.7	.1	.5	.0	.2	.0	.1	.0	.0	.0	.4	2.8	12.8	
SW	.0	.3	.2	1.6	.0	.3	.1	.4	.0	.3	.0	.0	.0	.0	.0	.4	2.9	11.8	
WSW	.0	.1	.1	1.0	.0	.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.3	1.8	11.4	
W	.0	.2	.2	1.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	2.2	10.1	
WNW	.0	.1	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	1.5	9.5	
NW	.0	.2	.3	1.9	.1	.4	.0	.4	.0	.1	.0	.1	.0	.0	.0	.4	3.0	11.0	
NNW	.0	.2	.3	2.1	.1	.8	.1	.7	.0	.2	.0	.1	.0	.0	.0	.6	4.0	12.0	
CALM	1.0	7.2														1.0	7.2		
TOTAL	2.0	14.2	7.9	57.1	1.7	12.1	1.3	9.4	.8	5.5	.2	1.3	.0	.4	13.8	100	10.0		

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: CANTON, VERMONT, U.S.A.

PERIOD: 1949-1978

CLASS 2 / NIGHT

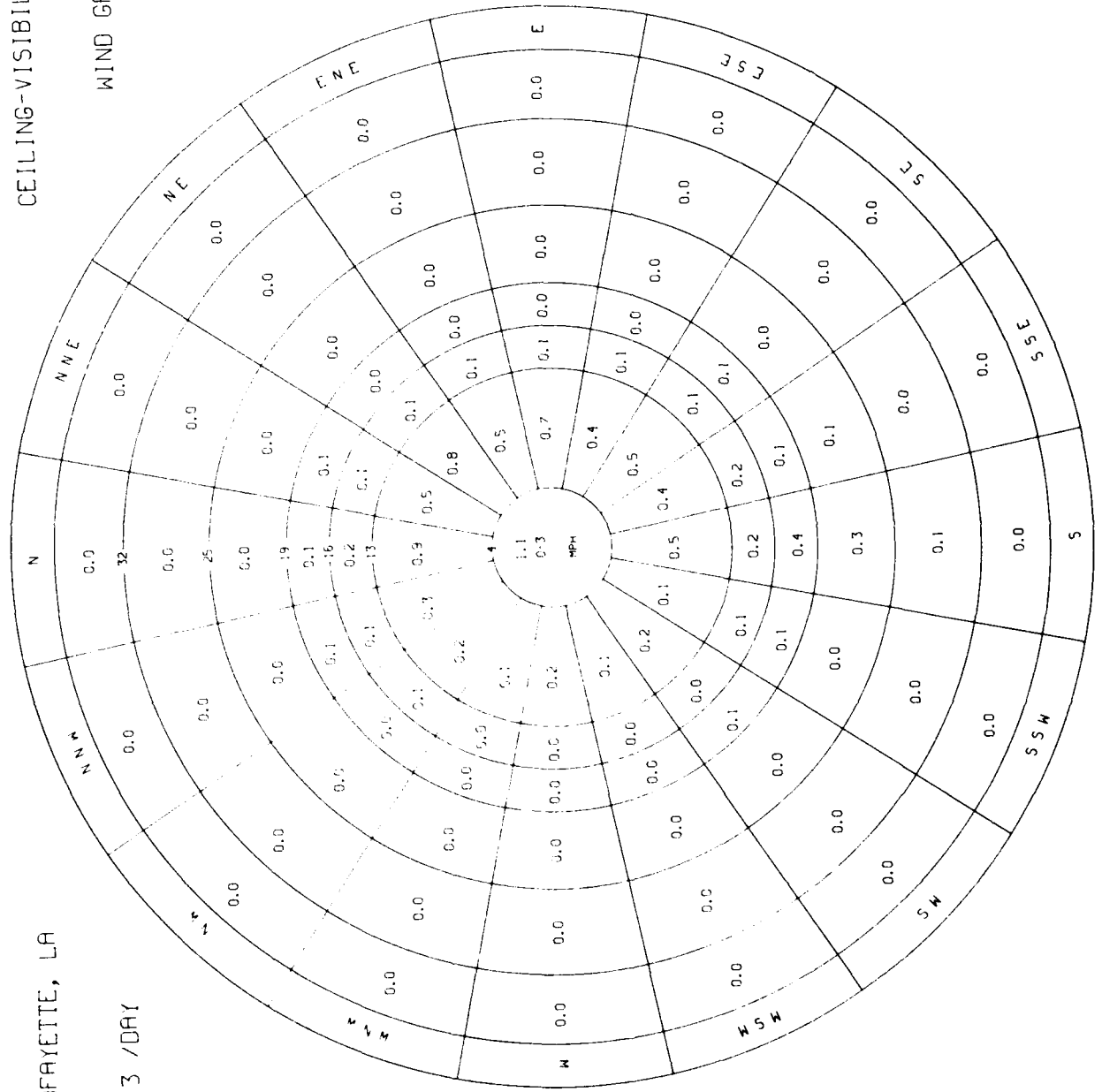
STATION NUMBER: 13976

NO. OBS.: 3373

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.6	1.1	6.4	.2	1.4	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	1.6	9.3	10.1
NNE	.0	.3	.8	4.6	.1	.6	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.9	9.5
NE	.2	.9	.9	5.0	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.8	8.2
ENE	.1	.5	.5	3.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6	3.8	7.6
E	.2	1.4	.8	4.8	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.2	7.1	7.8
ESE	.1	.3	.5	2.9	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.1	8.9
SE	.2	1.0	.8	4.7	.2	1.2	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.3	7.4	9.1
SSE	.0	.2	.8	4.6	.3	1.5	.2	1.2	.1	.6	.0	.1	.0	.0	.0	.0	1.4	8.3	11.8
S	.1	.8	1.7	9.9	.4	2.2	.5	2.7	.2	1.3	.0	.1	.0	.0	.0	.0	2.9	17.0	11.5
SSW	.1	.4	.4	2.6	.1	.4	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.7	3.9	9.1
SW	.1	.5	.4	2.1	.1	.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.6	3.6	9.0
WSW	.0	.2	.2	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.5	9.4
W	.1	.4	.2	1.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.1	8.8
WNW	.0	.1	.2	1.0	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	1.6	9.9
NW	.0	.3	.4	2.1	.1	.6	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.6	3.5	10.3
NNW	.0	.2	.4	2.1	.1	.6	.1	.7	.1	.4	.0	.1	.0	.0	.0	.0	.7	4.0	12.1
CALM	1.8	10.3															1.8	10.3	
TOTAL	3.2	18.4	10.0	58.3	2.0	11.4	1.4	8.1	.6	3.4	.1	.4	.0	.0	.0	.0	17.2	100	8.9

CEILING-VISIBILITY

WIND GRAPH



LFT LAFAYETTE, LA

CLASS 3 /DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 3 / DAY

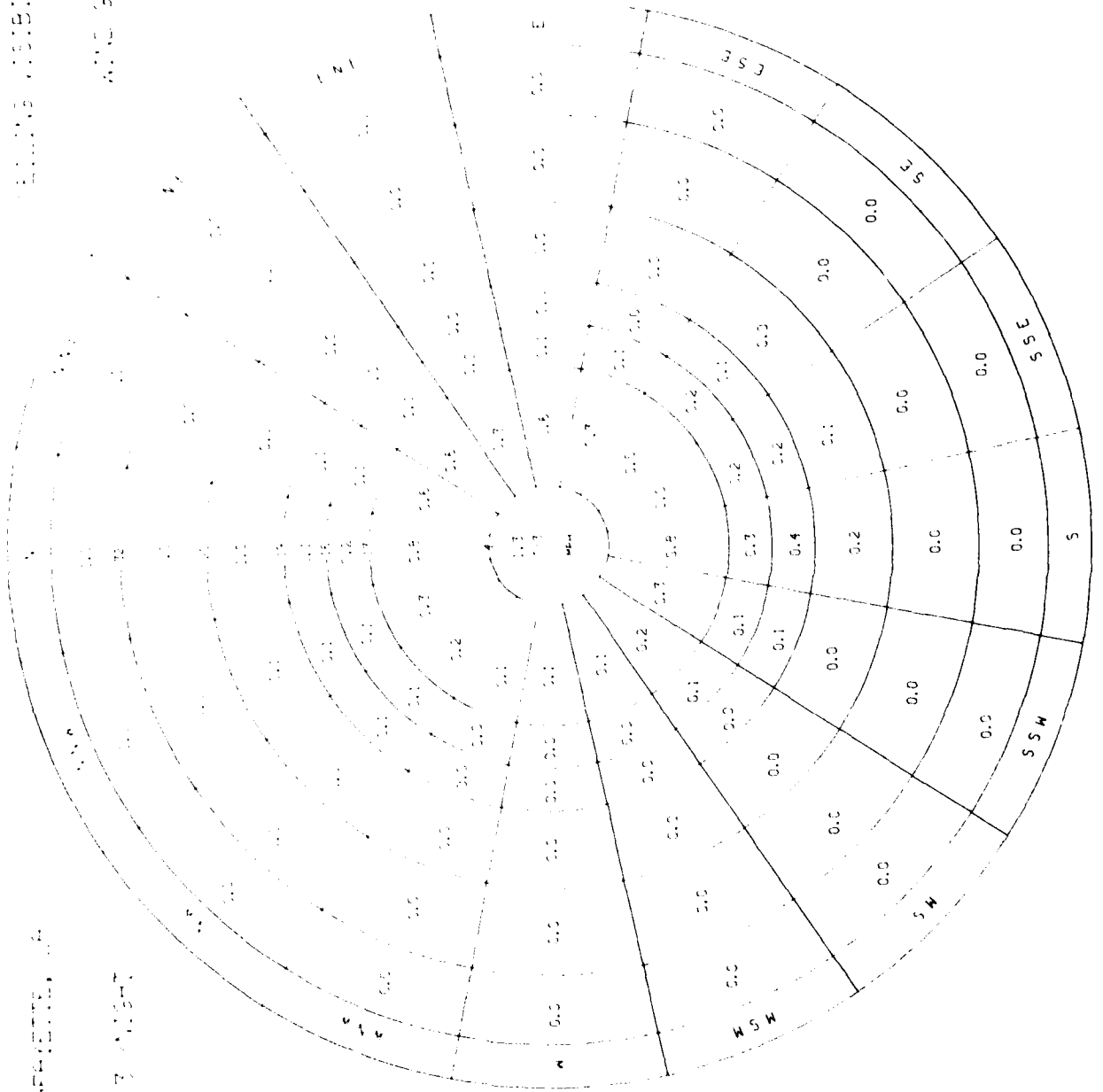
NO. OBS.: 2693

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED						
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D		
N	.1	.8	.9	7.7	.2	2.0	.1	1.2	.0	.4	.0	.0	.0	.0	.0	.0	1.4	12.2	10.6
NNE	.0	.4	.5	4.2	.1	1.2	.1	.9	.0	.3	.0	.0	.0	.0	.0	.0	.8	7.0	10.7
NE	.1	.9	.8	7.2	.1	1.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.0	9.3	8.9
ENE	.0	.3	.5	4.5	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.8	8.8
E	.1	1.0	.7	5.9	.1	.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.9	8.2	8.7
ESE	.0	.1	.4	3.5	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.0	10.4
SE	.1	.7	.5	4.6	.1	.8	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.8	7.0	10.3
SSE	.0	.1	.4	3.3	.2	1.4	.1	1.2	.1	1.0	.0	.3	.0	.0	.0	.0	.8	7.3	14.1
S	.0	.1	.5	4.7	.2	2.0	.4	3.2	.3	2.9	.1	.7	.0	.3	1.5	13.8	.3	3.0	15.8
SSW	.0	.1	.1	1.2	.1	.8	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.1	13.5
SW	.0	.3	.2	1.6	.0	.3	.1	.5	.0	.4	.0	.0	.0	.0	.0	.0	.3	3.1	12.3
WSW	.0	.1	.1	1.0	.0	.4	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.1	11.7
W	.0	.2	.2	1.6	.0	.5	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.5	10.4
WNW	.0	.1	.1	1.1	.0	.5	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.6	10.2
NW	.0	.1	.2	2.0	.1	.5	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.3	11.4
NNW	.0	.1	.3	2.3	.1	.9	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.5	4.3	12.3
CALM	.5	4.5															.5	4.5	
TOTAL	1.1	9.9	6.3	56.4	1.6	13.3	1.2	11.2	.7	6.6	.2	1.6	.0	.4	11.1	100			10.9

WINDS AND VISIBILITY

UPT. JAGGERSVILLE, PA.  
 CLASS 7 11/18/47



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

STATION NAME: LEY LAFALETTE, LA

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 13976

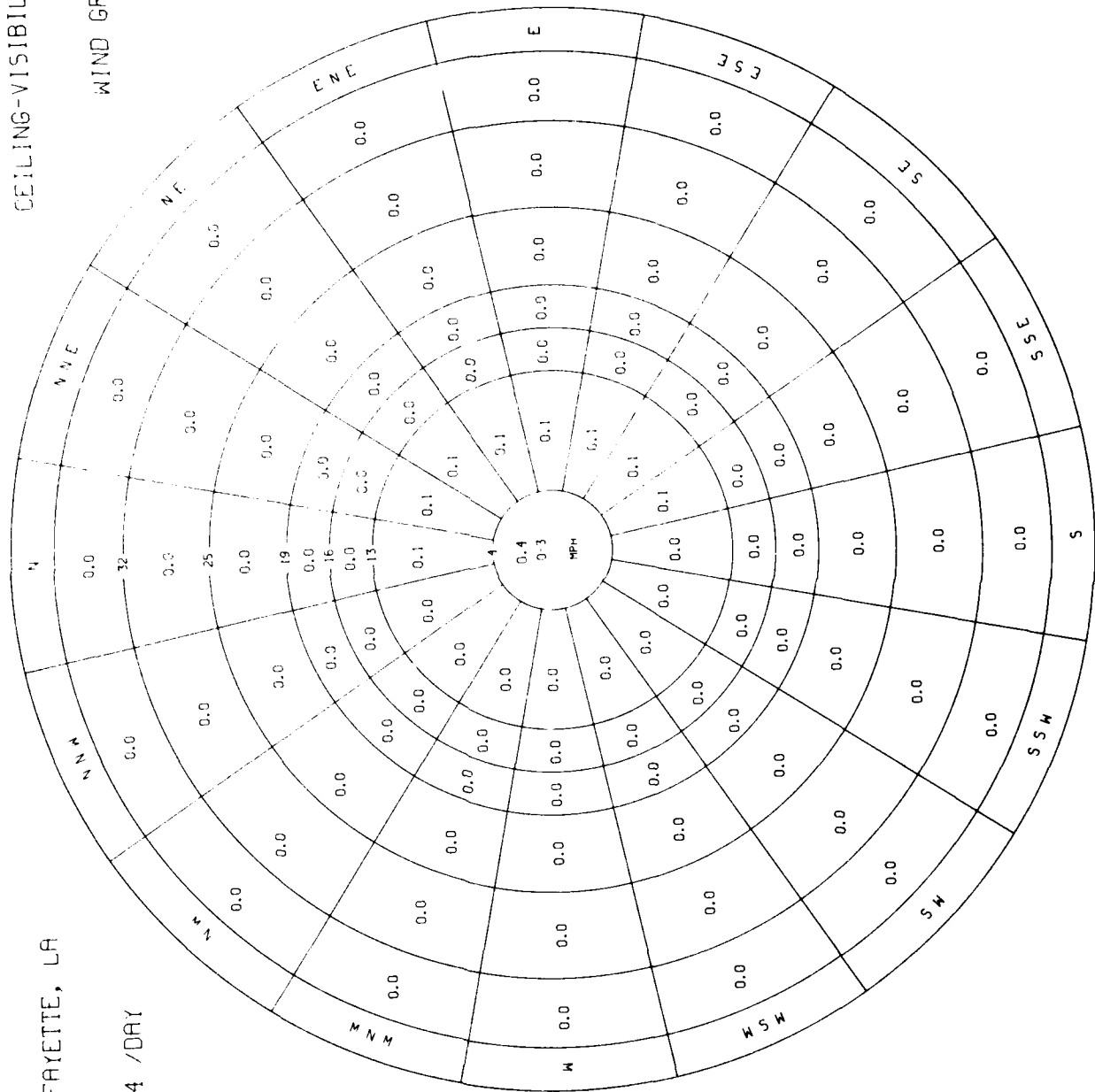
NO. OBS.: 2178

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.6	.2	7.5	.2	2.0	.1	1.1	.0	.2	.0	.0	.0	.0	.0	.0	1.3	11.5	10.7
NNE	.0	.1	.6	5.1	.1	.8	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.7	10.1
NE	.1	.5	.6	3.1	.1	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.8	9.1
ENE	.0	.4	.3	3.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.9	8.1
E	.1	.3	.6	5.0	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	7.1	8.8
ESE	.1	.2	.3	2.7	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.1	10.1
SE	.1	.8	.2	4.5	.2	1.7	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.8	7.6	10.2
SSE	.0	.1	.5	4.1	.2	2.0	.2	1.7	.1	.9	.0	.2	.0	.0	.0	.0	1.0	9.0	13.1
S	.0	.4	.8	7.5	.3	2.6	.4	3.7	.2	1.9	.0	.1	.0	.0	.0	.0	1.8	16.3	13.4
SSW	.0	.2	.3	2.3	.1	.6	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.7	10.6
SW	.0	.2	.2	1.5	.1	.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.3	2.9	11.4
WSW	.0	.1	.1	.9	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	10.2
W	.0	.3	.1	1.2	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.9	9.4
WNW	.0	.0	.1	.9	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	10.9
NW	.0	.1	.2	2.1	.1	.8	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.4	3.9	11.6
NNW	.0	.1	.3	2.2	.1	.9	.1	.6	.1	.6	.0	.1	.0	.0	.0	.0	.6	5.1	13.2
CALM	.7	6.5															.7	6.5	
TOTAL	1.3	11.8	6.2	55.8	1.7	15.1	1.3	11.8	.5	4.9	.1	.5	.0	.1	.1	11.1	100	10.4	

CEILING-VISIBILITY  
WIND GRAPH

LFT LAFAYETTE, LA

CLASS 4 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 4 / DAY

STATION NUMBER: 13976

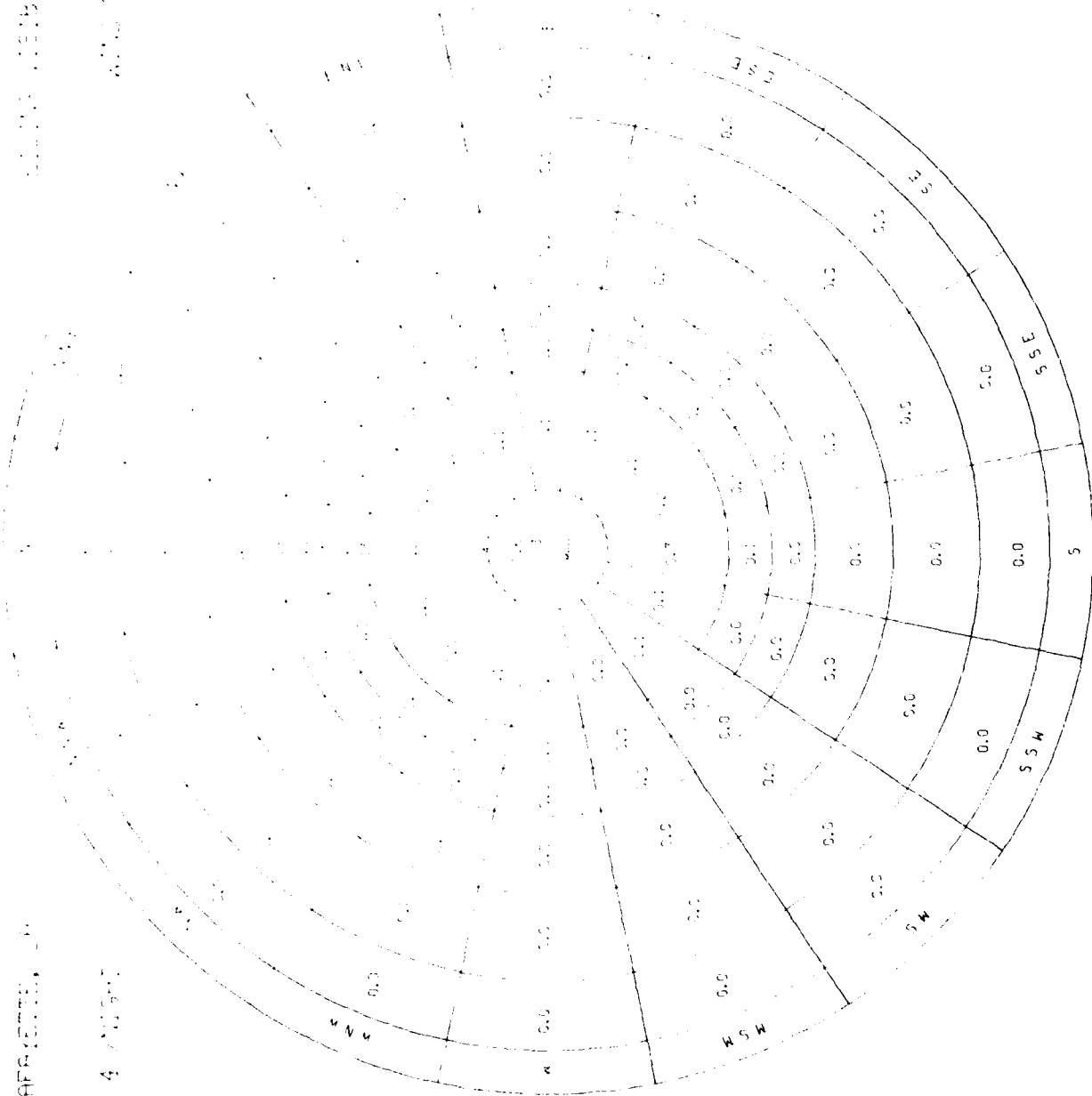
NO. OBS.: 365

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED					
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.8	.1	5.2	.0	1.6	.0	.3	.0	.3	.0	.3	.0	.0	.0	.1	8.5	9.7
NNE	.0	1.1	.1	6.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	7.7
NE	.0	2.5	.1	9.6	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	13.7	7.1
ENE	.0	.3	.1	4.9	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	6.0	7.5
E	.0	1.9	.1	8.8	.0	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.2	11.8	7.6
ESE	.0	.8	.1	4.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	7.5
SE	.0	.8	.1	6.6	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.1	8.5	8.4
SSE	.0	.0	.1	3.8	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	5.2	11.6
S	.0	.5	.0	2.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	9.5
SSW	.0	.0	.0	.8	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.4	11.4
SW	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	2.7	10.3
WSW	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.3
W	.0	.5	.0	1.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.6
WNW	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.2
NW	.0	.5	.0	2.2	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	3.0	8.5
NNW	.0	.5	.0	1.4	.0	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.1	3.6	11.1
CALM	.2	14.5														.2	14.5	
TOTAL	.4	25.8	.9	61.4	.1	7.4	.1	3.6	.0	1.1	.0	.5	.0	.3	1.5	100	7.2	

LFT LAFRETTES, JH

CLASS 4 / NIGHT

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ST. LAFAYETTE, LA

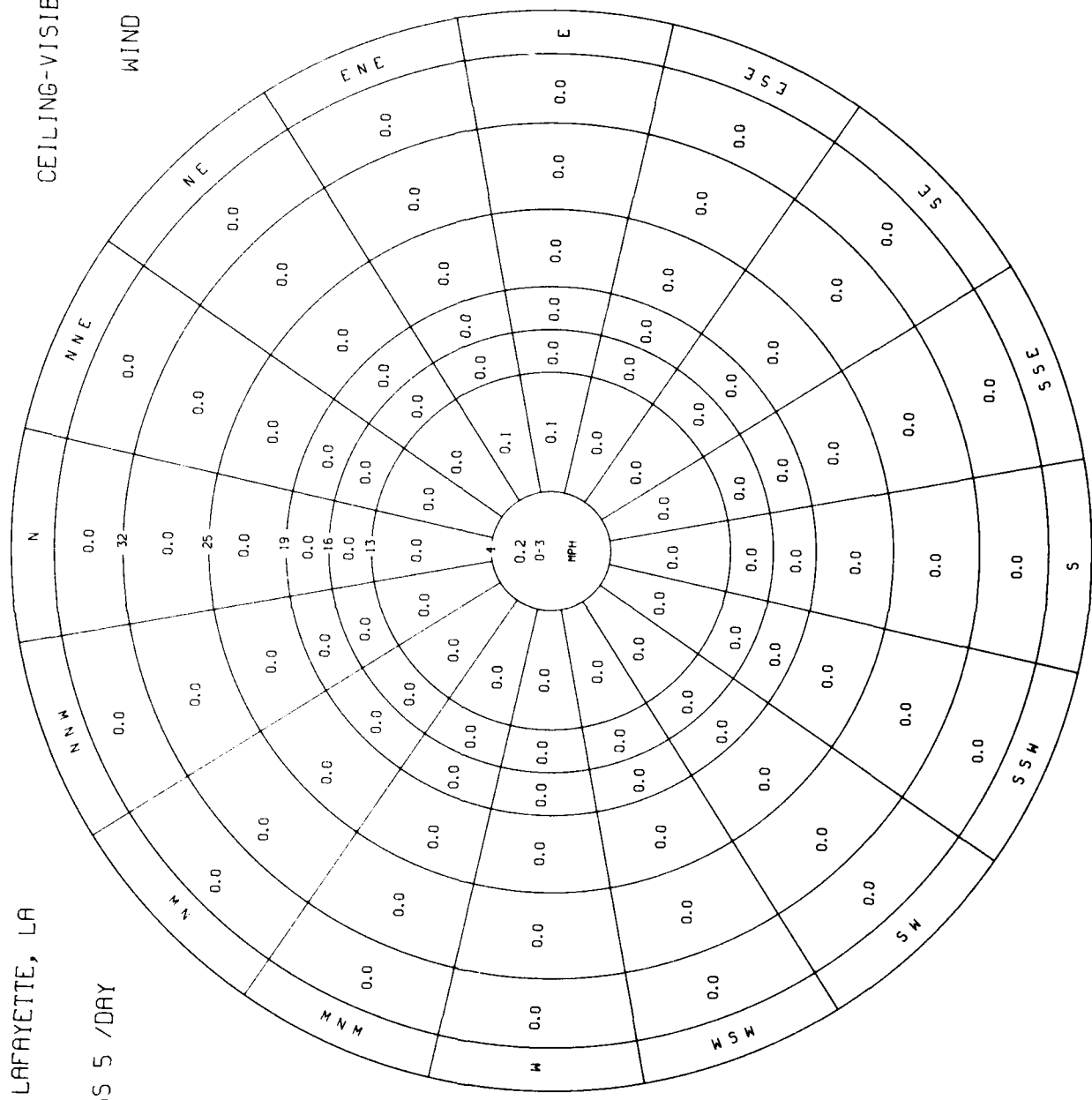
CLASS G VILIBT

NO. OBS.: 533

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.4	.2	8.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	9.2	8.0		
NNE	.0	.9	.2	5.6	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.1		
NE	.0	1.1	.2	6.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.7	7.4		
ENE	.0	.9	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	6.1		
E	.1	1.9	.1	5.3	.0	.6	.0	.2	.3	.2	.0	.0	.0	.0	.2	8.1	7.1		
ESE	.0	.4	.1	3.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	7.6		
SE	.0	1.3	.1	5.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.9	7.4		
SSE	.0	.2	.2	6.2	.0	1.1	.0	.4	.0	.2	.0	.0	.0	.0	.2	8.1	9.8		
S	.0	.6	.3	10.3	.1	2.4	.0	1.1	.0	.4	.0	.0	.0	.0	.4	14.8	9.9		
SSW	.0	.4	.1	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	7.0		
SW	.0	.4	.1	2.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	7.8		
WSW	.0	.4	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	9.4		
W	.0	.0	.0	1.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.7	10.1		
WNW	.0	.4	.1	2.3	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.1	3.0	8.2		
NW	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	6.7		
NNW	.0	.6	.0	1.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	2.3	8.2		
CALM	.3	12.8													.3	12.8			
TOTAL	.6	23.1	1.8	65.7	.2	8.1	.1	2.3	.0	.9	.0	.0	.0	.0	2.7	100	7.2		

LFT LAFAYETTE, LA  
 CLASS 5 /DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LFT LAFAYETTE, LA

CLASS 5 / DAY

NO. OBS.: 153

STATION NUMBER: 13976

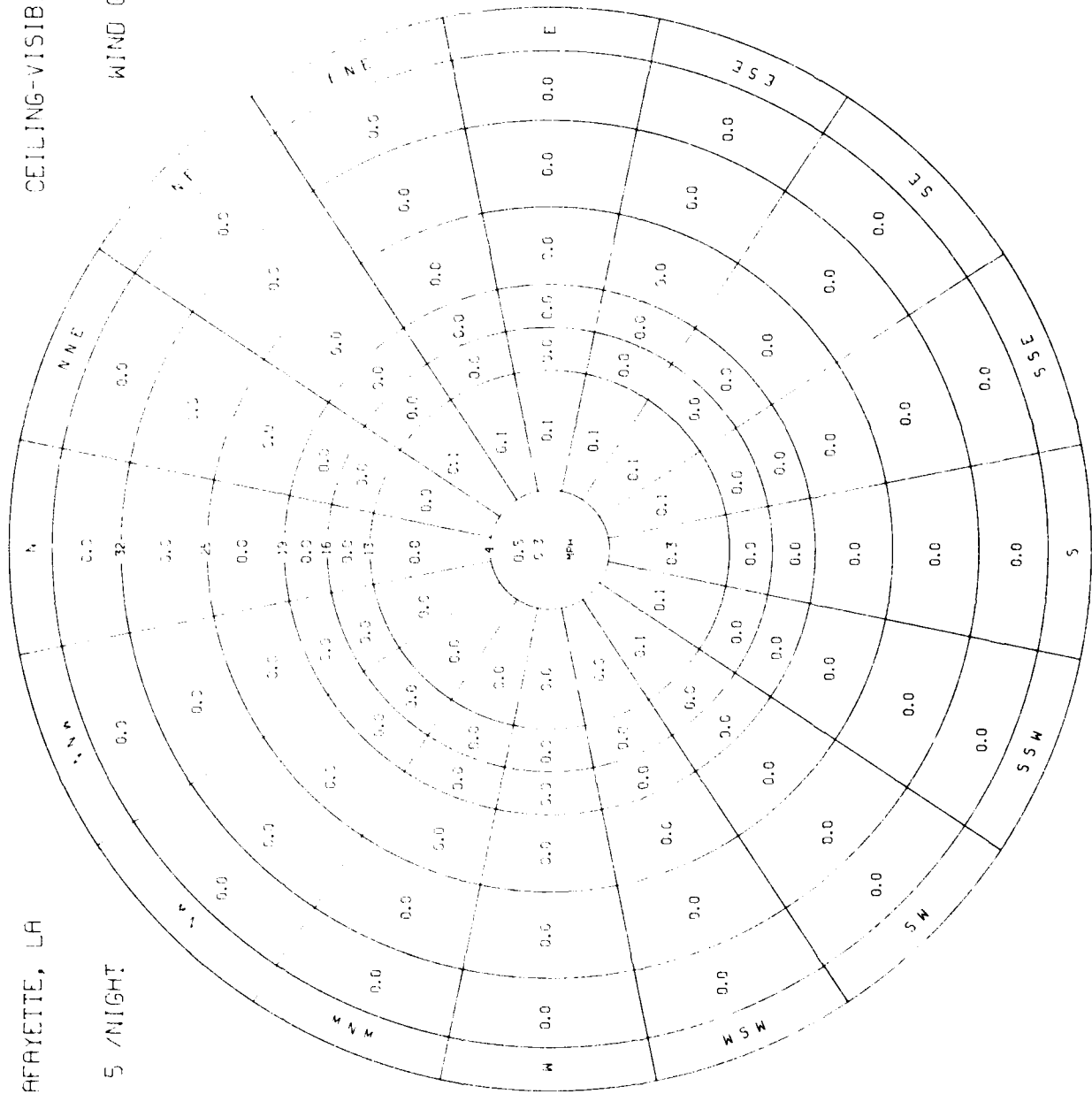
D I R	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.7	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.0
NNE	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.3
NE	.0	2.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.5	7.2
ENE	.0	3.3	.1	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.4	5.7
E	.0	2.0	.1	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.4	6.2
ESE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.9
SE	.0	.7	.0	3.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.2
SSE	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	10.0
S	.0	1.3	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.2	9.1
SSW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.5
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0
WSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.5
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.0
WNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.7
CALM	.1	19.6														.1	19.6	
TOTAL	.2	29.4	.4	68.6	.0	.7	.0	.7	.0	.7	.0	.0	.0	.0	.0	.6	100	5.8

LFT LAFAYETTE, LA

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 5 / NIGHT

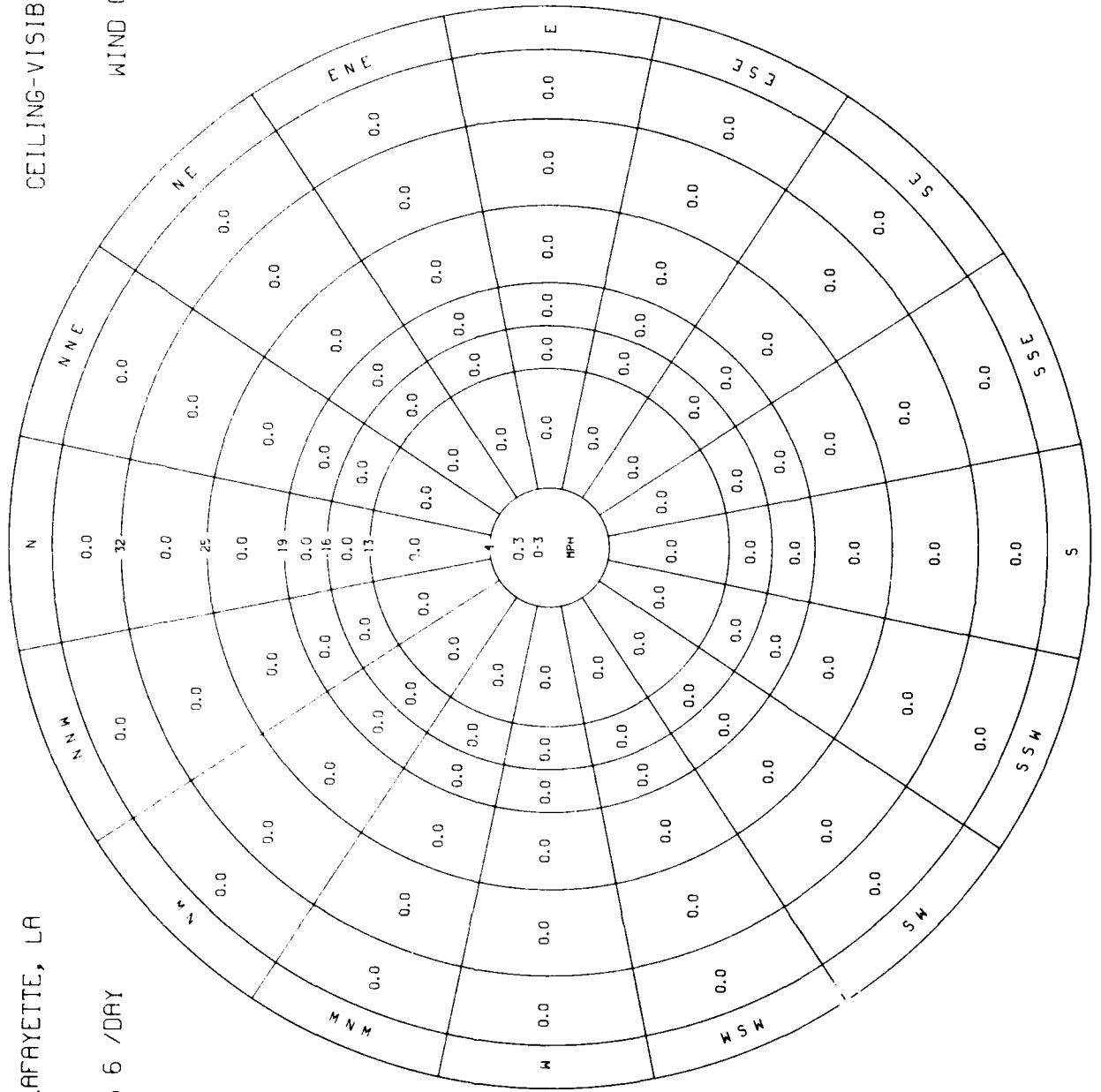
NO. OBS.: 303

STATION NUMBER: 13976

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.7	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.7	
NNE	.0	.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.2	
NE	.0	1.3	.1	4.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	5.9	6.6	
ENE	.0	.7	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	4.0	6.9	
E	.0	1.7	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	5.9	5.9	
ESE	.0	.0	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	4.3	6.3	
SE	.0	1.3	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	6.6	6.4	
SSE	.0	1.0	.1	3.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	8.5	
S	.0	3.0	.3	19.1	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.4	.4	23.4	8.1	
SSW	.0	1.0	.1	3.6	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	5.6	8.2	
SW	.0	.7	.1	3.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	4.6	6.7	
WSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.2	
W	.0	.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	2.6	9.3	
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.0	
NW	.0	.3	.0	2.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	.1	3.3	8.9	
NNW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.9	
CALM	.3	18.5													.3	18.5			
TOTAL	.5	31.0	1.0	63.7	.1	4.0	.0	.7	.0	.3	.0	.3	.0	.0	1.5	10.0			6.0

LFT LAFAYETTE, LA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LFT LAFAYETTE, LA

PERIOD: 1949-1978

CLASS 6 / DAY

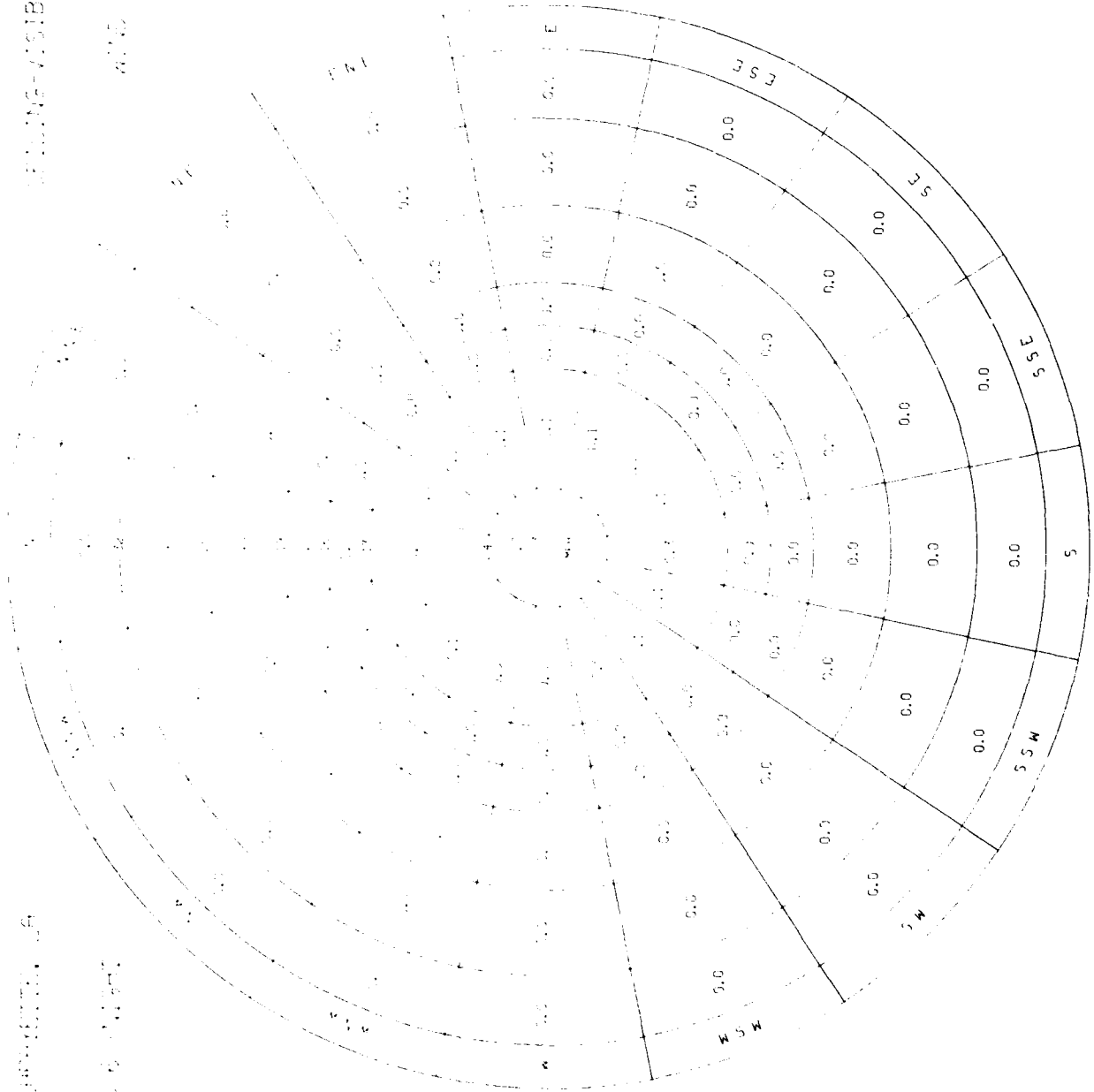
STATION NUMBER: 13976

NO. OBS.: 136

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	2.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.6	
NNE	.0	1.5	.0	2.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.4	
NE	.0	5.1	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	5.1	
ENE	.0	2.2	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	5.4	
E	.0	6.6	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	4.2	
ESE	.0	1.5	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.1	
SE	.0	1.5	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	5.5	
SSE	.0	.7	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.6	
S	.0	.7	.0	5.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.0	
SSW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5	
SW	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.7	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0	
WNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0	
CALM	.1	26.5																.1	26.5	
TOTAL	.3	51.5	.3	47.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	3.8

WINDING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FORT LAUDERDALE, FLA

PERIOD: 1949-1978

CLASS B VISUAL

STATION NUMBER: 1974

NO. OBS.: 359

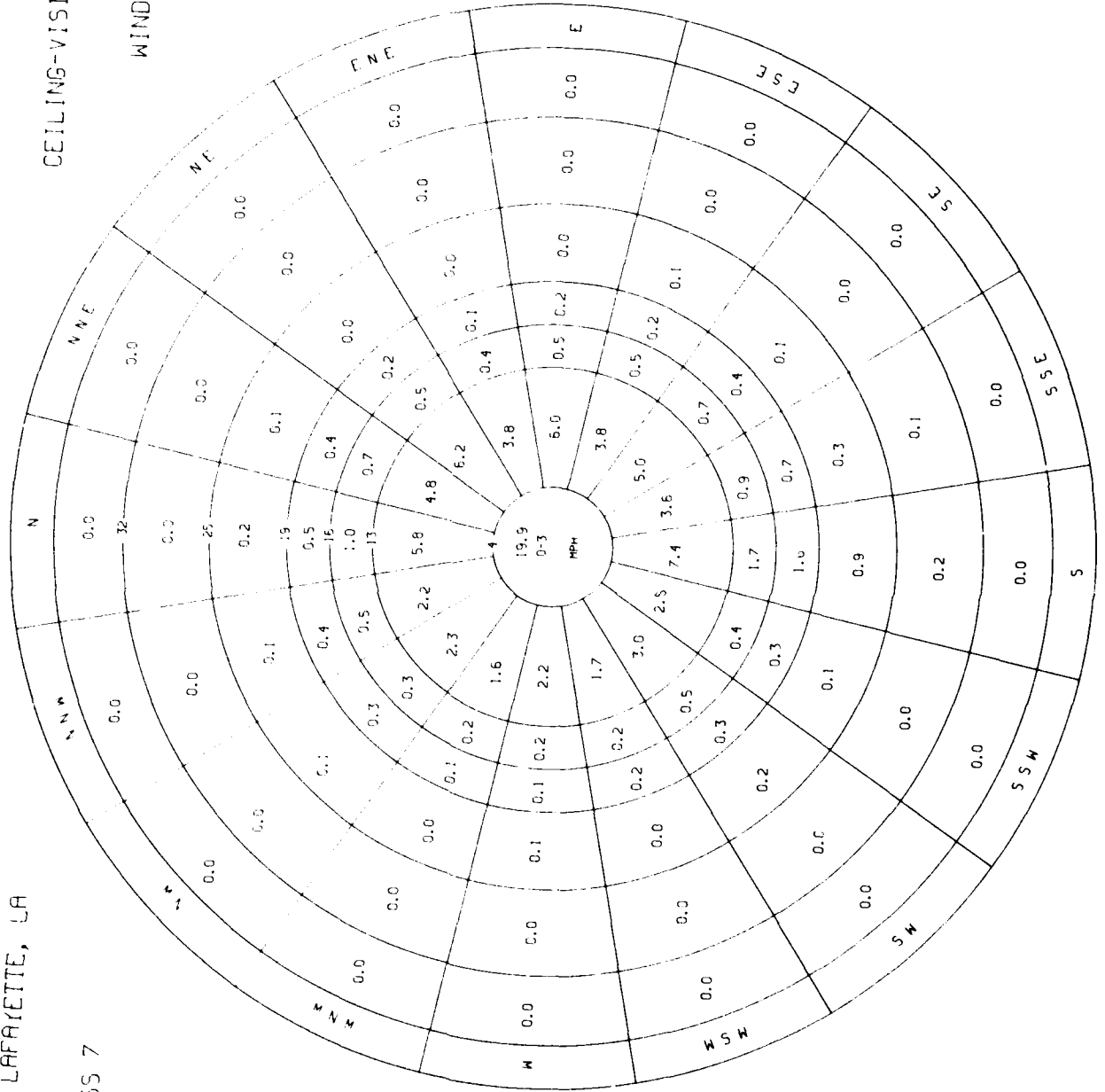
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED					
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL	
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C						
N	.0	.8	.0	.0	.7	.0	.0	.6	.0	.0	.6	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.4
NNE	.0	.0	.0	.0	1.9	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.1
ENE	.0	1.9	.0	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.8	5.2
E	.1	3.1	.0	.1	2.3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	6.8
ESE	.0	1.1	.0	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.8
SE	.0	1.7	.0	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.2
SSE	.0	.3	.0	.1	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	6.1
S	.0	2.2	.0	.3	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	7.2
SSW	.0	1.4	.0	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	19.5	7.2
SW	.1	2.8	.0	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	5.1
WSW	.0	.3	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	4.6
W	.0	1.1	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.7
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.7
NW	.0	.6	.0	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.6
NNW	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.6
CALM	.4	22.6	.0			.0			.0			.0			.0			.0			.0	.4	22.6	
TOTAL	.7	40.4	1.1	57.9	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	100	4.8

LFT LAFAYETTE, LA

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

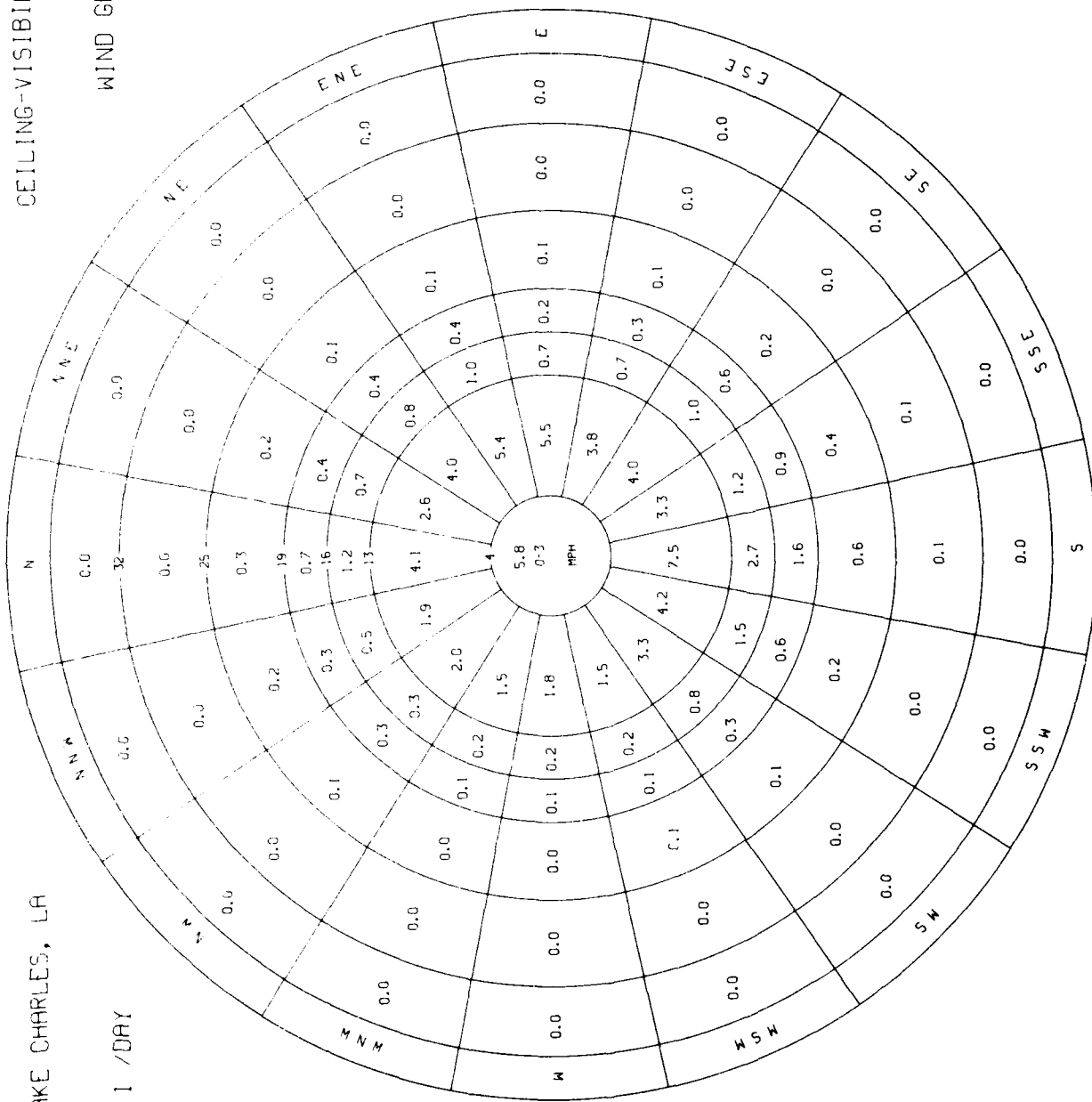


CEILING-VISIBILITY

WIND GRAPH

LCH LAKE CHARLES, LA

CLASS 1 / DAY



PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LHM LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS: / DAY

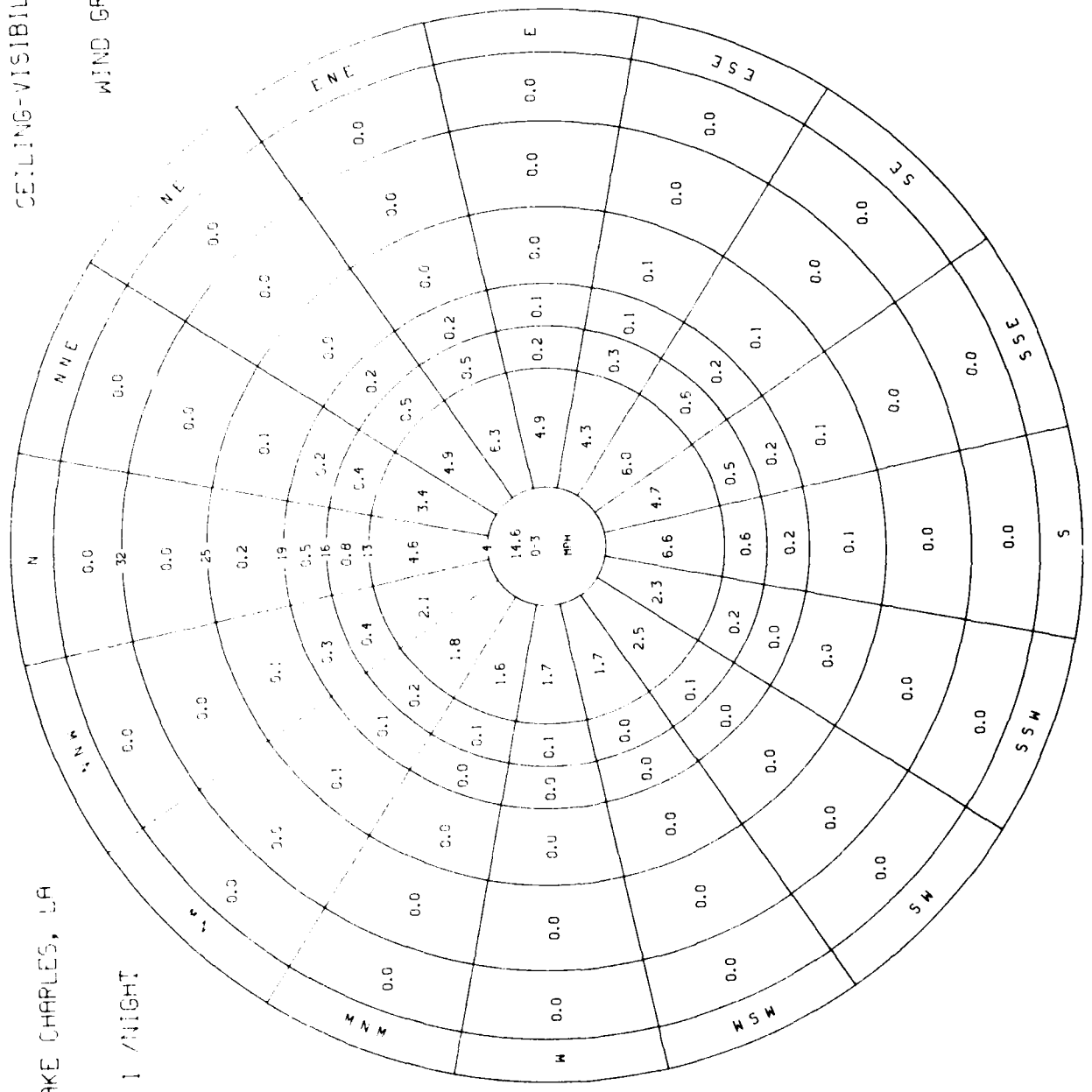
STATION NUMBER: 03337

NO. OBS.: 24178

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.4	.4	4.1	4.7	1.2	1.4	.7	.8	.3	.4	.0	.0	.0	.0	.0	.0	6.7	7.8	10.6
NNE	.1	.1	2.6	3.0	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	4.0	4.7	10.6
NENE	.2	.2	4.0	4.7	.8	.9	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	5.6	6.4	9.5
ENE	.2	.2	5.4	6.2	1.0	1.1	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	7.1	8.2	9.3
E	.3	.3	5.5	6.3	.7	.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6.8	7.8	8.9
ESE	.2	.2	3.8	4.4	.7	.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.2	6.0	9.6
SE	.1	.1	4.0	4.6	1.0	1.1	.6	.7	.2	.3	.0	.0	.0	.0	.0	.0	5.9	6.8	10.6
SSE	.1	.1	2.3	3.9	1.2	1.4	.9	1.2	.4	.4	.1	.1	.0	.0	.0	.0	6.0	7.0	11.7
S	.2	.2	7.5	8.7	2.7	3.1	1.5	1.8	.6	.7	.1	.1	.0	.0	.0	.0	12.6	14.6	11.5
SSW	.1	.1	4.2	4.9	1.5	1.8	.6	.7	.2	.2	.0	.0	.0	.0	.0	.0	6.6	7.7	10.9
S'W	.1	.1	3.3	3.8	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.6	5.3	10.1
WSW	.1	.1	1.5	1.7	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.3	9.4
W	.1	.1	1.8	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.6	8.5
WNW	.1	.2	1.5	1.7	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.0	2.3	8.8
NW	.2	.2	2.0	2.3	.3	.4	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.9	3.3	9.6
NNW	.1	.1	1.9	2.1	.5	.6	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	3.0	3.5	10.8
CALM	3.3	3.8															3.3	3.8	
TOTAL	5.8	6.7	56.3	65.1	13.7	15.9	7.4	8.5	2.8	3.2	.4	.5	.0	.0	.0	.0	86.5	100	9.9

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LCH LAKE CHARLES, LA

CLASS 1 / NIGHT

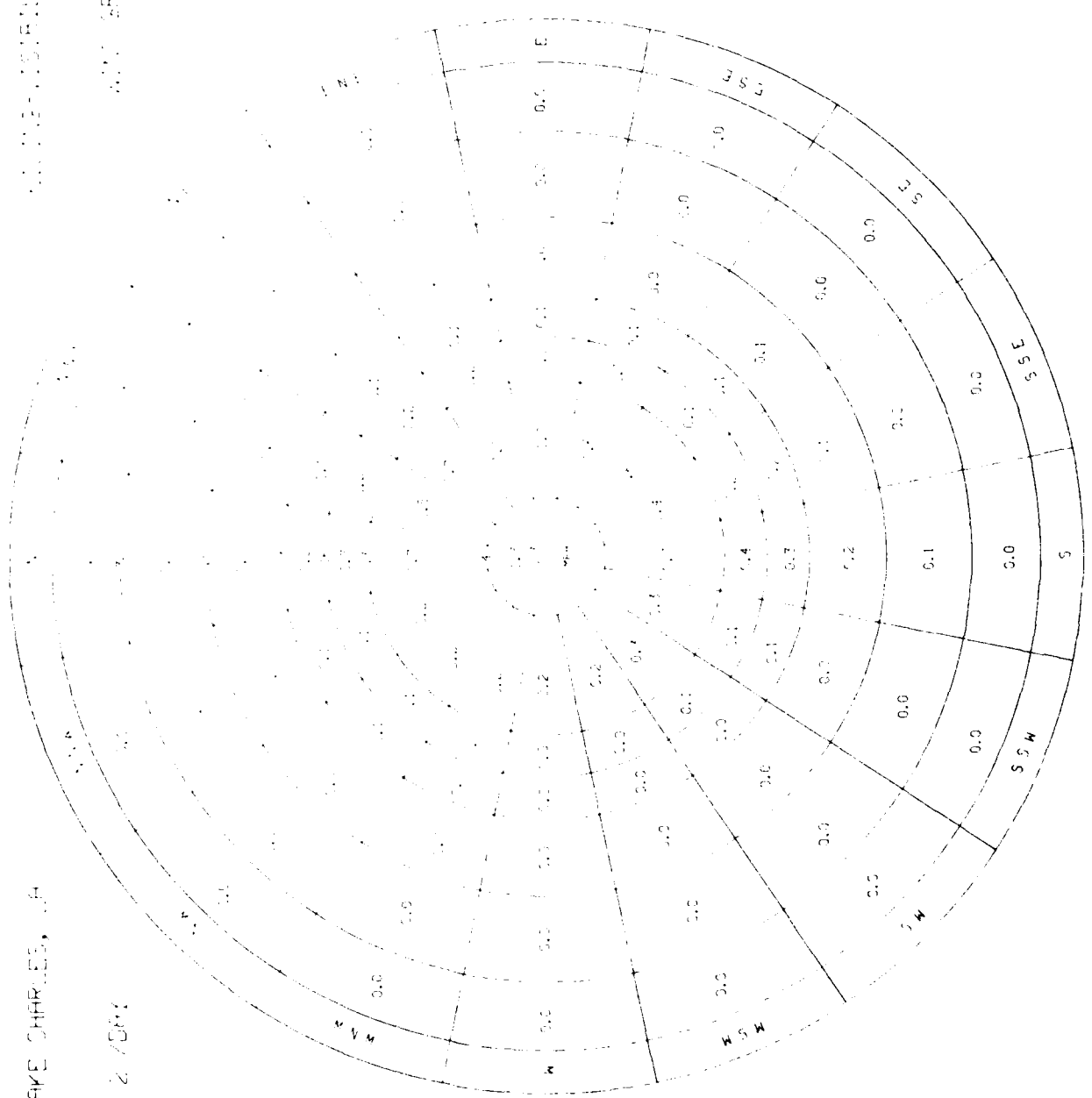
NO. OBS.: 17991

STATION NUMBER: 03937

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.5	.6	4.6	5.5	.8	1.0	.5	.6	.2	.3	.0	.0	.0	.0	.0	.0	6.7	8.1	9.2
NNE	.4	.5	3.4	4.1	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.5	5.4	8.4
NE	.4	.5	4.9	5.9	.5	.6	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	6.1	7.3	7.8
ENE	.6	.7	6.3	7.6	.5	.7	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	7.6	9.2	7.5
E	.5	.6	4.9	5.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.8	7.0
ESE	.3	.4	4.3	5.2	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	5.1	6.2	7.6
SE	.4	.5	6.0	7.2	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	7.3	8.8	7.9
SSE	.3	.4	4.7	5.7	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.8	7.0	8.0
S	.6	.7	6.6	7.9	.6	.8	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	8.1	9.7	7.6
SSW	.2	.3	2.3	2.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.3	7.1
SW	.2	.3	2.5	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.4	6.6
WSW	.2	.2	1.7	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.6	6.2
W	.3	.4	1.7	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.4	6.7
WNW	.3	.3	1.6	1.9	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.4	6.7
NW	.3	.4	1.8	2.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.5	3.0	8.0
NNW	.2	.2	2.1	2.6	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.8	9.4
CALM	8.8	10.6															8.8	10.6	
TOTAL	14.6	17.6	59.4	71.7	5.4	6.5	2.4	2.9	.9	1.1	.1	.2	.0	.0	.0	.0	82.9	100	6.9

WIND VELOCITY

WIND GRAPH



LOH JAYE CHARLES, JR

CLASS 2 / 501

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LHM LAKE CHARLES, LA

PERIOD: 1962-1978

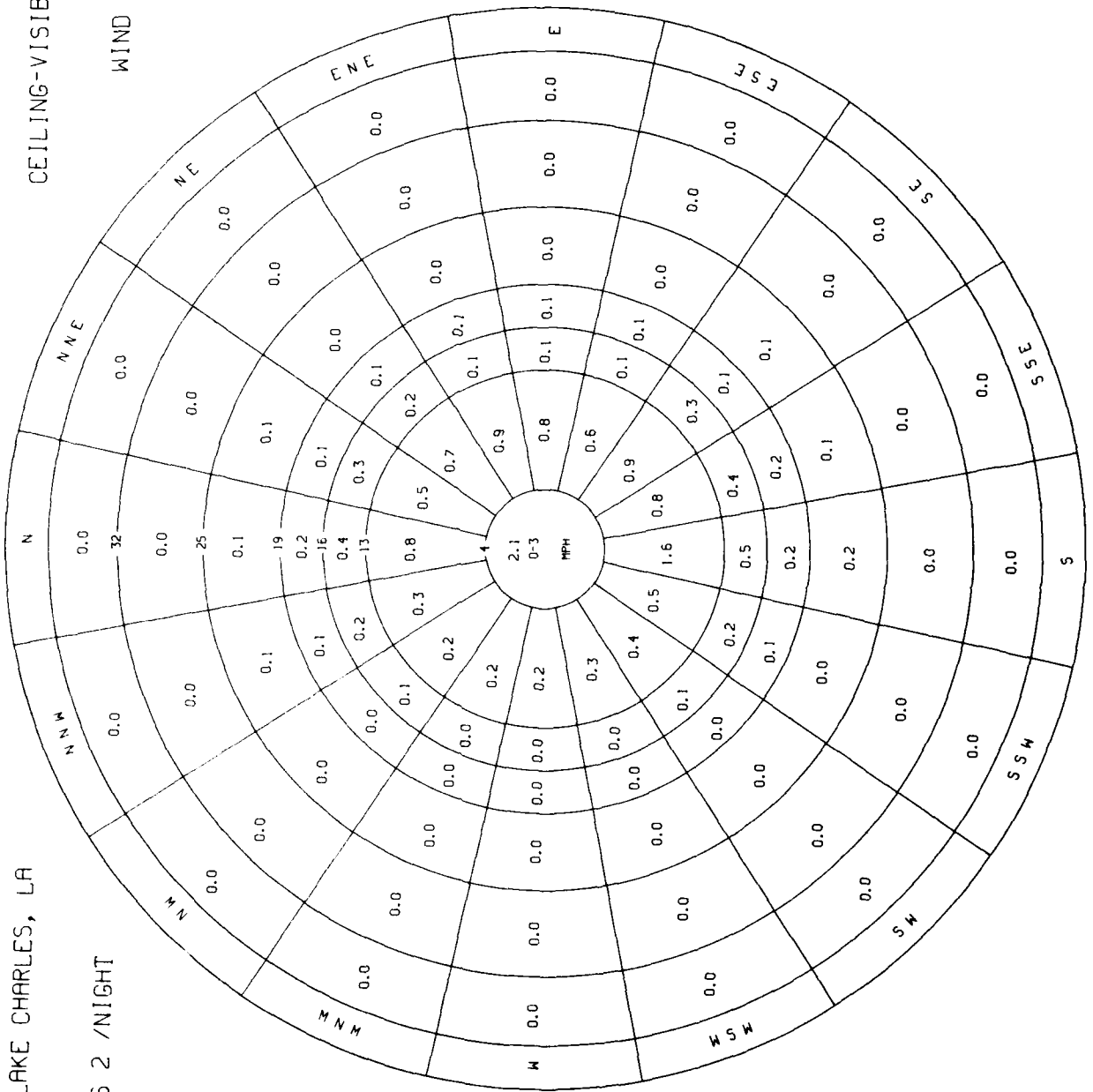
CLASS 2 / DAY

STATION NUMBER: 03937

NO. OBS.: 3785

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.6	.7	5.0	.3	2.2	.2	1.7	.2	.3	.2	.1	.0	.1	1.3	9.9	11.4		
NNE	.0	.3	.5	3.4	.2	1.4	.1	.7	.0	.3	.0	.0	.0	.0	.8	6.1	11.3		
NE	.1	.4	.7	5.1	.2	1.7	.1	.8	.2	.2	.0	.0	.0	.0	1.1	8.3	10.2		
ENE	.1	.6	1.0	7.2	.2	1.6	.1	.7	.2	.1	.0	.1	.0	.0	1.4	10.5	9.6		
E	.1	.6	1.0	7.2	.1	1.0	.1	.6	.0	.2	.0	.0	.0	.0	1.3	9.6	8.9		
ESE	.0	.2	.6	4.4	.1	.7	.1	.5	.2	.1	.0	.1	.0	.0	.8	6.0	9.9		
SE	.0	.2	.6	4.2	.1	.8	.1	.8	.1	.4	.0	.1	.0	.0	.9	6.4	11.3		
SSE	.0	.1	.4	3.1	.2	1.4	.2	1.3	.1	1.0	.0	.3	.0	.0	1.0	7.2	13.7		
S	.0	.1	.7	4.9	.4	3.0	.3	2.0	.2	1.5	.1	.4	.0	.0	1.6	11.9	13.9		
SSW	.0	.1	.3	2.0	.1	.8	.1	.5	.0	.3	.0	.1	.0	.0	.5	3.9	12.0		
SW	.0	.1	.3	2.1	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.2	10.5		
WSW	.0	.1	.2	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.6	9.7		
W	.0	.2	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.7		
WNW	.0	.2	.2	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.8		
NW	.1	.4	.2	1.4	.1	.4	.1	.5	.0	.1	.0	.0	.0	.0	.4	2.7	10.1		
NNW	.0	.1	.2	1.8	.1	.7	.1	.6	.0	.2	.0	.1	.0	.0	.5	3.6	12.3		
CALM	.7	5.3													.7	5.3			
TOTAL	1.3	9.5	7.5	55.7	2.3	17.0	1.5	11.2	.7	4.9	.2	1.5	.0	.2	13.5	100	10.5		

LCH LAKE CHARLES, LA  
 CLASS 2 / NIGHT  
 CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 2 / NIGHT

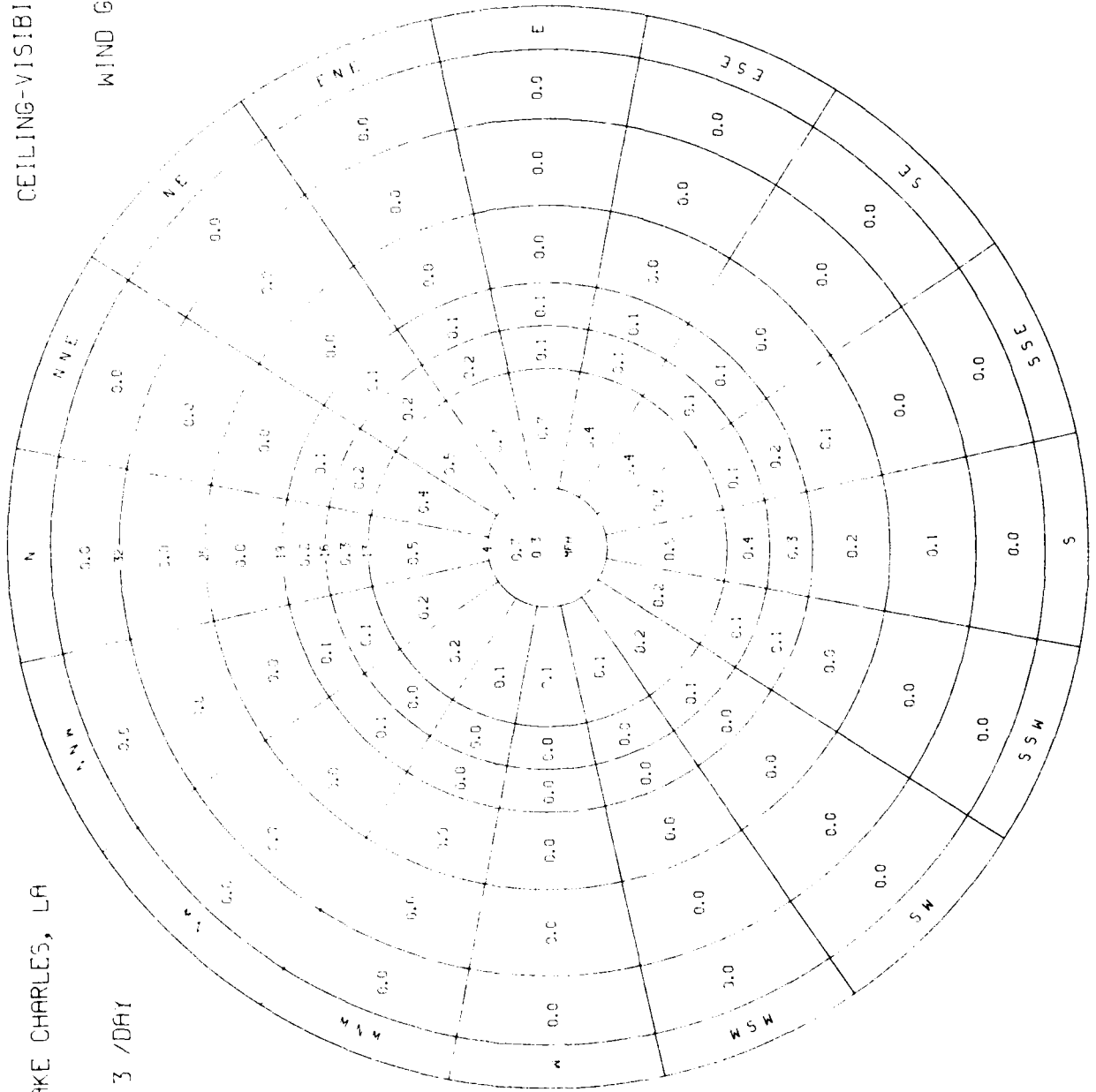
STATION NUMBER: 03937

NO. OBS.: 3717

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.2	.8	4.8	.4	2.5	.2	1.3	.1	.4	.0	.1	.0	.0	.0	.0	1.6	9.3	11.6
NNE	.0	.3	.5	3.1	.3	1.5	.1	.7	.1	.3	.0	.1	.0	.0	.0	.0	1.0	6.1	11.6
NNE	.1	.4	.7	4.0	.2	1.3	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	1.1	6.3	10.1
ENE	.1	.4	.9	5.2	.1	.6	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	1.2	6.9	9.1
E	.1	.5	.8	4.7	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.1	6.2	8.4
ESE	.1	.3	.6	3.7	.1	.5	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.9	5.0	8.9
SE	.1	.3	.9	5.4	.3	1.5	.1	.6	.1	.5	.0	.0	.0	.0	.0	.0	1.4	8.4	10.3
SSE	.0	.3	.8	4.9	.4	2.3	.2	1.4	.1	.6	.0	.1	.0	.0	.0	.0	1.6	9.5	12.0
S	.1	.3	1.6	9.1	.5	3.0	.2	1.3	.2	.9	.0	.1	.0	.0	.0	.0	2.5	14.8	11.4
SSW	.0	.1	.5	3.0	.2	1.0	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	4.5	10.8
SW	.0	.2	.4	2.3	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	8.9
WSW	.1	.3	.3	1.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.2	8.0
W	.0	.2	.2	1.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.1	8.5
WNW	.0	.2	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	8.8
NW	.0	.0	.2	1.2	.1	.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.0	10.8
NNW	.0	.1	.3	1.8	.2	1.0	.1	.6	.1	.3	.0	.1	.0	.0	.0	.0	.7	3.8	12.2
CALM	1.4	8.3															1.4	8.3	
TOTAL	2.1	12.5	9.8	57.3	2.9	17.0	1.5	8.7	.7	4.0	.1	.6	.0	.1	.6	.1	17.1	100	9.6

CEILING-VISIBILITY

WIND GRAPH



LCH LAKE CHARLES, LA

CLASS 3 / DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 3 / DAY

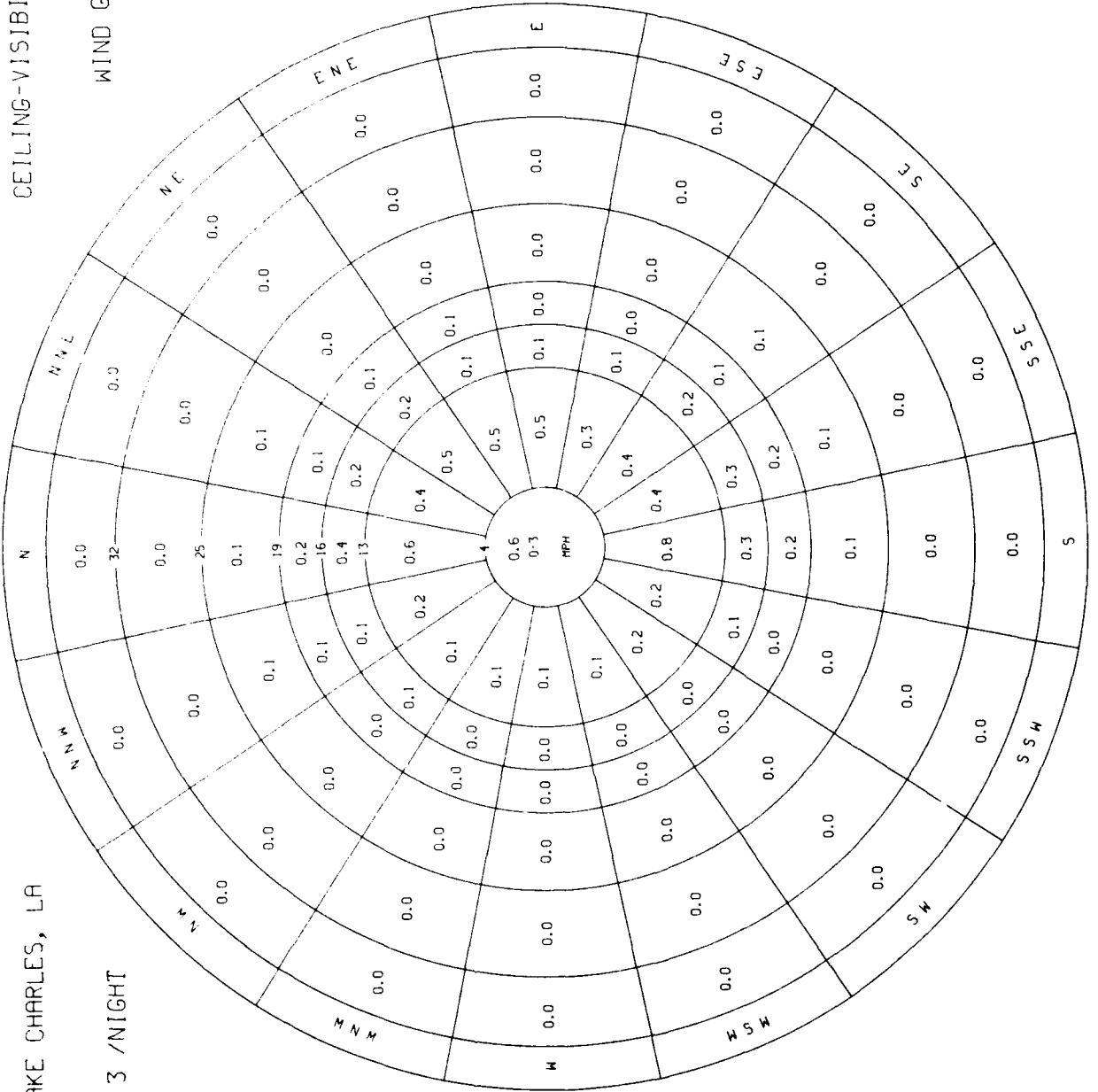
STATION NUMBER: 03937

NO. OBS.: 2925

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.5	5.2	.3	2.7	.2	2.1	.0	.3	.0	.1	.0	.1	.0	.1	1.1	10.8	12.1
NNE	.0	.3	.4	3.6	.2	1.7	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.7	6.9	11.8
NE	.0	.3	.5	4.7	.2	2.0	.1	.9	.0	.3	.0	.0	.0	.0	.0	.0	.9	8.2	11.0
ENE	.0	.4	.7	6.5	.2	1.8	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	1.1	10.1	10.1
E	.0	.2	.7	6.7	.1	1.2	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.9	9.1	9.5
ESE	.0	.1	.4	3.8	.1	.8	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.4	10.5
SE	.0	.1	.4	3.7	.1	1.0	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	.7	6.3	12.1
SSE	.0	.1	.3	2.7	.1	1.4	.2	1.5	.1	1.2	.0	.4	.0	.0	.0	.0	.8	7.4	14.8
S	.0	.1	.5	4.3	.4	3.6	.3	2.4	.2	1.9	.1	.5	.0	.0	.0	.0	1.3	12.8	14.6
SSW	.0	.1	.2	1.7	.1	1.0	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.4	3.9	12.9
SW	.0	.1	.2	2.0	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.1	10.8
WSW	.0	.1	.1	1.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	9.9
W	.0	.2	.1	1.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	8.8
WNW	.0	.1	.1	1.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	9.3
NW	.0	.2	.2	1.5	.0	.4	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.9	10.8
NNW	.0	.2	.2	1.8	.1	.9	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.4	4.1	12.5
CALM	.4	.8															.4	3.8	
TOTAL	.7	6.7	5.5	52.2	2.1	19.7	1.4	13.3	.6	6.1	.2	1.8	.0	.2	10.5	100			11.4

CEILING-VISIBILITY

WIND GRAPH



LCH LAKE CHARLES, LA

CLASS 3 / NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LCH LAKE CHARLES, LA

CLASS 3 / NIGHT

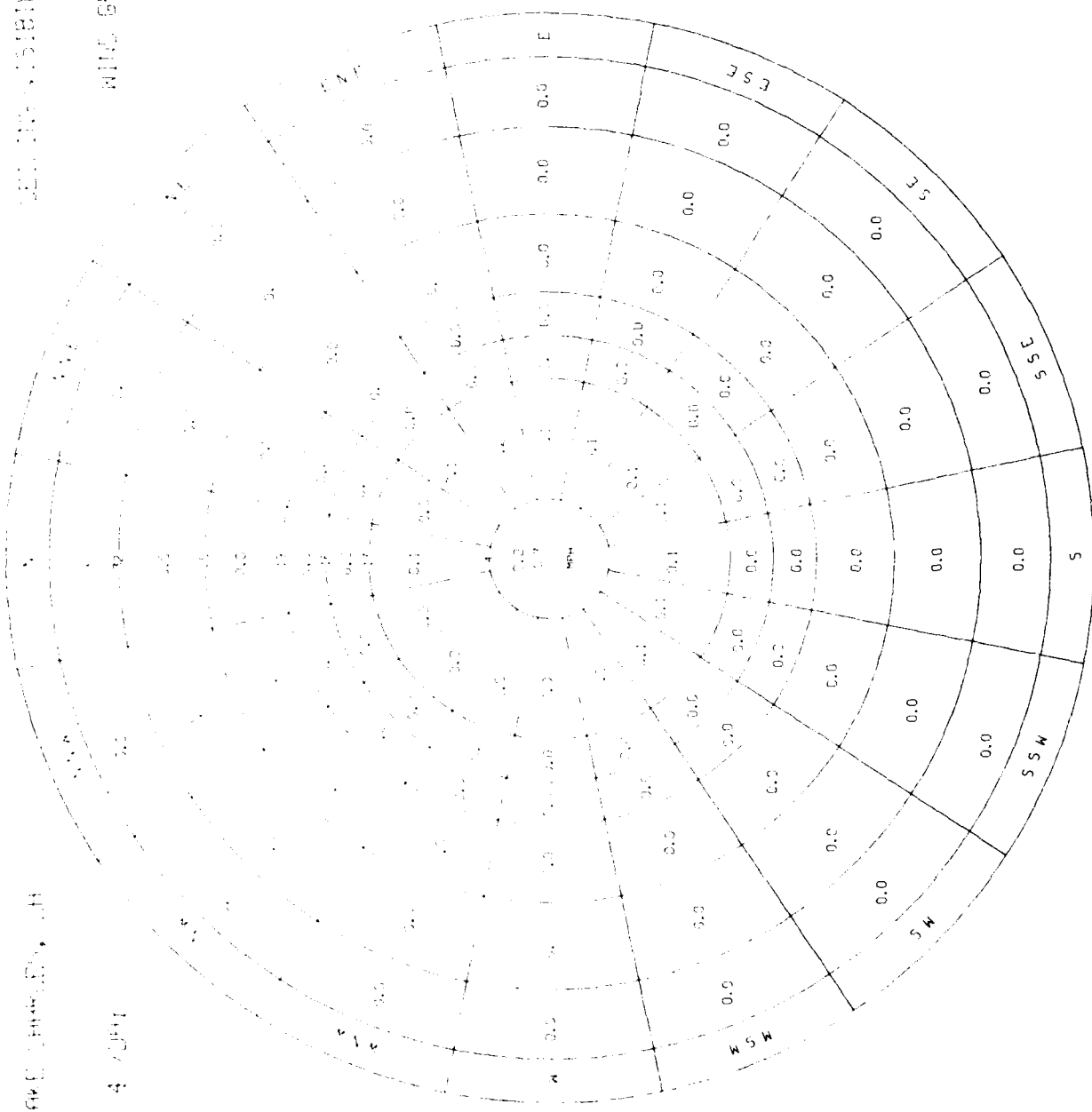
NO. OBS.: 2256

STATION NUMBER: 03937

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.6	5.6	.4	3.9	.2	2.0	.1	.6	.0	.1	.0	.0	1.3	12.4	12.4		
NNE	.0	.2	.4	3.5	.2	2.2	.1	1.2	.1	.5	.0	.1	.0	.0	.8	7.8	12.6		
NE	.0	.2	.5	4.7	.2	1.9	.1	.7	.0	.3	.0	.0	.0	.0	.8	7.7	11.1		
ENE	.0	.3	.5	4.9	.1	.8	.1	.9	.0	.2	.0	.0	.0	.0	.7	7.1	10.0		
E	.0	.3	.5	5.0	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.7	6.7	9.4		
ESE	.0	.2	.3	2.7	.1	.6	.0	.4	.0	.1	.0	.0	.0	.0	.4	4.0	10.1		
SE	.0	.1	.4	3.7	.2	1.9	.1	.8	.1	.8	.0	.0	.0	.0	.8	7.4	12.1		
SSE	.0	.1	.4	3.9	.3	2.8	.2	1.9	.1	.8	.0	.2	.0	.0	1.0	9.8	13.4		
S	.0	.3	.8	8.1	.3	3.2	.2	1.6	.1	1.3	.0	.2	.0	.0	1.5	14.8	12.2		
SSW	.0	.0	.2	2.2	.1	1.2	.0	.3	.0	.2	.0	.0	.0	.0	.4	3.9	12.0		
SW	.0	.1	.2	1.5	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.1	10.1		
WSW	.0	.0	.1	1.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	9.7		
W	.0	.1	.1	1.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.0	9.3		
WNW	.0	.1	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	9.2		
NW	.0	.0	.1	1.1	.1	.7	.0	.3	.0	.3	.0	.0	.0	.0	.2	2.4	12.5		
NNW	.0	.1	.2	2.0	.1	1.4	.1	1.0	.1	.5	.0	.0	.0	.0	.5	5.0	13.1		
CALM	.4	3.5												.4	3.5				
TOTAL	.6	5.9	5.5	52.7	2.3	22.6	1.3	12.1	.6	5.9	.1	.8	.0	.0	10.4	100	11.3		

LOW LEVEL VISIBILITY

WIND GRAPH



CLASS 4 ZONE

CLASS 4 ZONE

CEILING-VISIBILITY AND TABULATIONS

TABLE

PERIOD: 1962-1978

NO. OBS.: 476

STATION NAME: ...

CURSES: ...

STATION NUMBER: ...

D	SPEED GROUPS (MPH)																								AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL										
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D									
N	.0	.2	.1	5.3	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.8	7.9						
NNE	.0	.6	.0	2.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	.1	4.0	.1	4.0	9.2						
NE	.0	.9	.1	6.3	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.1	8.6	.1	8.6	8.4						
ENE	.0	.6	.2	9.2	.0	.9	.0	.2	.0	.4	.0	.2	.0	.0	.2	12.6	.2	12.6	9.4						
E	.0	.7	.1	7.1	.0	.3	.0	.4	.0	.4	.0	.4	.0	.0	.2	10.1	.2	10.1	8.1						
ESE	.0	.0	.1	5.0	.0	.8	.0	.2	.0	.0	.0	.0	.0	.2	.1	6.3	.1	6.3	9.5						
SE	.0	.2	.1	5.9	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.1	6.9	.1	6.9	9.8						
SSE	.0	.0	.1	4.4	.0	.7	.0	1.3	.0	.2	.0	.0	.0	.0	.1	7.6	.1	7.6	11.3						
S	.0	.0	.1	7.5	.0	1.3	.0	1.3	.0	.2	.0	.0	.0	.0	.2	10.3	.2	10.3	11.0						
SSW	.0	.2	.1	3.4	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.2	.1	4.2	9.5						
SW	.0	.0	.1	3.4	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.4	.1	4.4	10.2						
WSW	.0	.0	.0	1.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	2.1	10.0						
W	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	1.3	9.0						
WNW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	1.3	.0	1.3	7.8						
NW	.0	.6	.0	1.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.3	.0	2.3	6.9						
NNW	.0	.0	.0	2.7	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	3.4	.1	3.4	10.7						
CALM	.1	5.9													.1	5.9									
TOTAL	.2	12.4	1.2	68.7	.2	10.3	.1	6.1	.0	1.7	.0	.6	.0	.2	1.7	10.0	.2	10.0	8.9						



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: LCH LAKE CHARLES, LA

CLASS 4 / NIGHT

NO. OBS.: 574

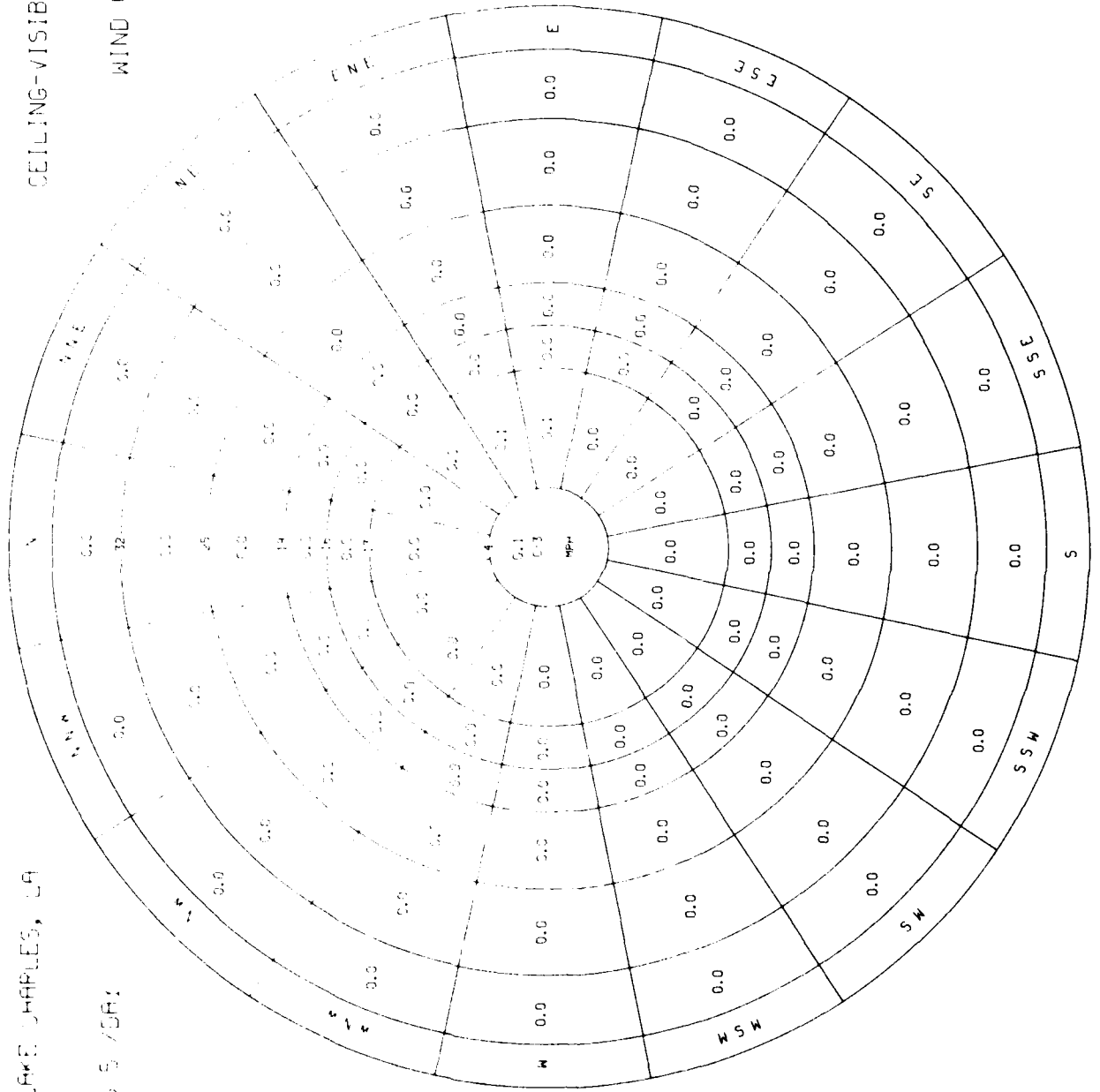
STATION NUMBER: 03937

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.2	.1	4.9	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.2	6.4	9.6
NNE	.0	.5	.1	5.1	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.2	6.6	9.0
NE	.0	.3	.1	4.0	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.1	5.6	9.1
ENE	.0	.5	.2	6.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	7.3	8.3
E	.0	.7	.1	3.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.9	8.0
ESE	.0	.5	.1	4.9	.0	.5	.0	.5	.0	.3	.0	.0	.0	.0	.2	6.8	9.0
SE	.0	.0	.2	7.1	.0	1.0	.0	.7	.0	.2	.0	.0	.0	.0	.2	9.1	9.4
SSE	.0	.5	.2	5.7	.1	2.3	.0	1.0	.0	.5	.0	.0	.0	.0	.3	10.1	11.3
S	.0	.0	.3	11.3	.1	3.0	.1	2.4	.0	.3	.0	.2	.0	.0	.5	17.2	10.9
SSW	.0	.2	.1	3.8	.0	.5	.0	.5	.0	.0	.0	.2	.0	.0	.1	5.2	10.8
SW	.0	.2	.1	3.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.2	8.6
WSW	.0	.2	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	7.6
W	.0	.2	.0	1.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	1.9	8.0
WNW	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	1.4	7.2
NW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.4
NNW	.0	.2	.0	1.4	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.1	2.3	9.7
CALM	.2	7.8															
TOTAL	.3	12.2	1.8	66.7	.3	11.8	.2	7.0	.1	1.9	.0	.3	.0	.0	2.6	10.0	8.8

LCA LAKE CHARLES, LA  
 CLASS 5 / 20A1

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LICH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 5 / DAY

STATION NUMBER: 03937

NO. OBS.: 168

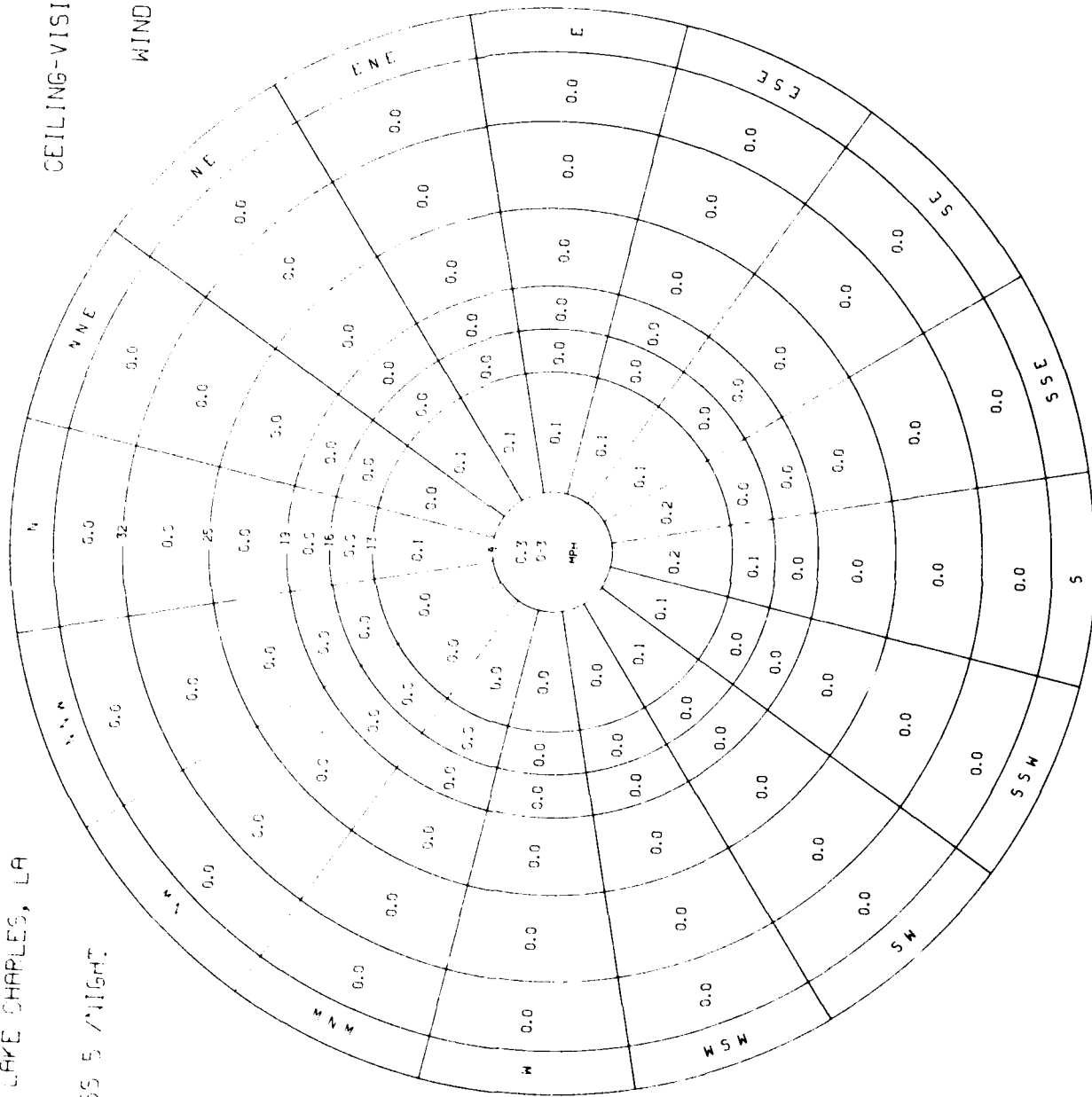
D I R	SPEED GROUPS (MPH)																			AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	1.8	.0	3.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	6.5	7.3	
NNE	.0	.0	.0	3.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	4.2	7.3	
NE	.0	.6	.0	7.1	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	8.3	7.1	
ENE	.0	.6	.1	11.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	6.7	
E	.0	1.2	.1	8.9	.0	.0	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	10.7	7.6	
ESE	.0	.6	.0	6.0	.0	.0	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	7.1	8.0	
SE	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.8	
SSE	.0	.6	.0	4.8	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	6.0	8.4	
S	.0	.6	.0	7.7	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	9.5	
SSW	.0	.6	.0	3.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.6	
SW	.0	.6	.0	.0	.0	.0	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	1.2	10.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	1.8	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	2.4	8.2	
WNW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.2	
NW	.0	1.8	.0	.6	.0	.0	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	3.0	7.2	
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	12.0	
CALM	.1	11.9																11.9		
TOTAL	.1	20.8	.4	69.6	.0	6.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.9	

LOH LAKE CHARLES, LA

CLASS 5 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 5 / NIGHT

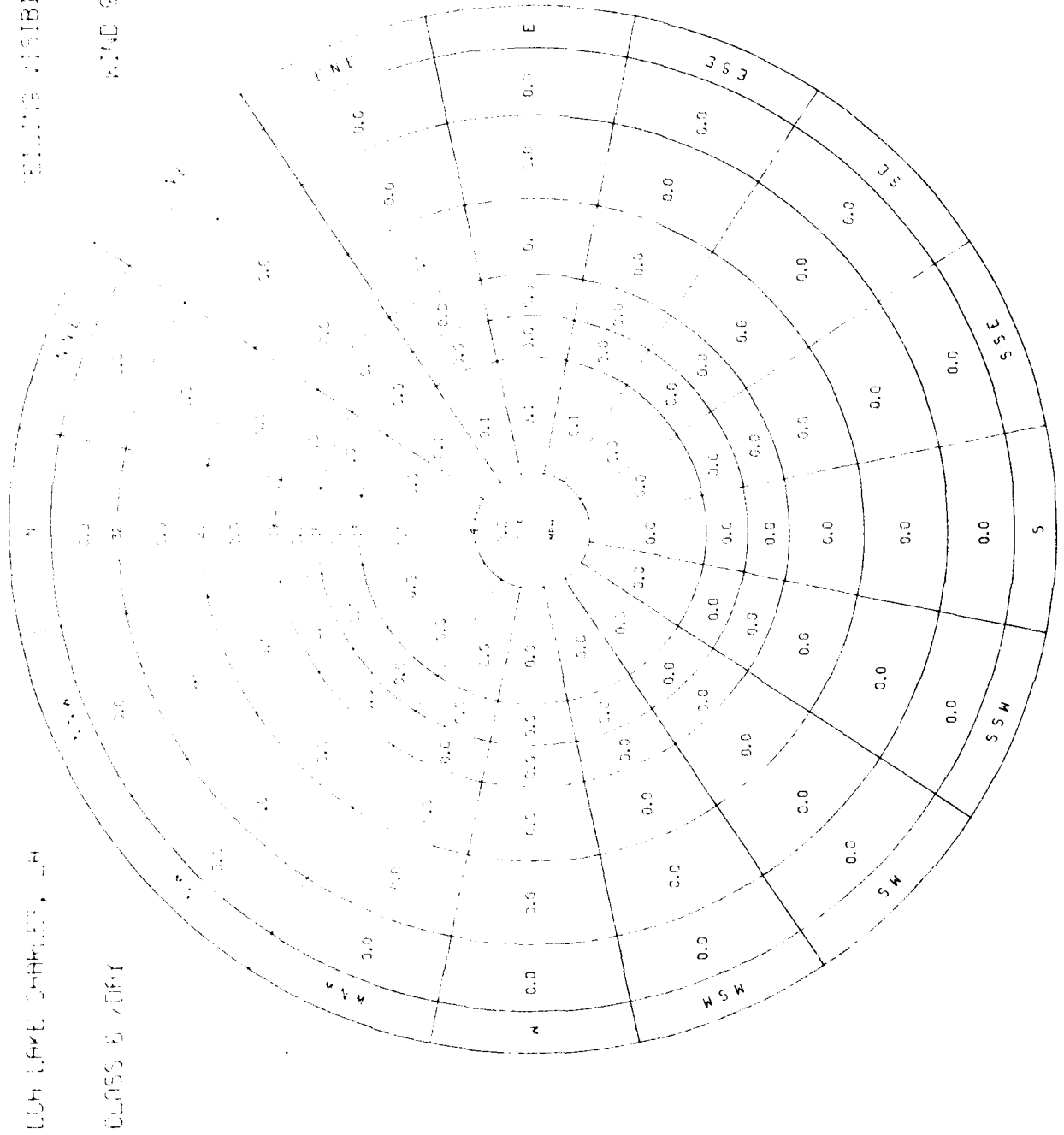
STATION NUMBER: 03937

NO. OBS.: 388

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.3	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.3	
NNE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.2
NE	.0	.8	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.2	
ENE	.0	.8	.1	6.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	7.0	
E	.0	.8	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	6.2	
ESE	.0	.0	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	7.6	
SE	.0	.3	.1	8.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.5	8.5	
SSE	.0	.5	.2	8.5	.0	1.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.3	9.1	
S	.0	.3	.2	12.1	.1	4.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.3	17.8	10.5	
SSW	.0	.0	.1	4.4	.0	1.0	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.2	10.5	
SW	.0	.8	.1	4.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	7.7	
WSW	.0	.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	6.4	
W	.0	.3	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.5	
WNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	13.7	
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.2	
NNW	.0	.0	.0	1.3	.0	.0	.0	.3	.0	.0	.0	.0	.3	.0	.0	.0	.0	1.8	11.3	
CALM	.2	13.1															.2	13.1		
TOTAL	.3	18.3	1.2	68.8	.2	10.3	.0	1.3	.0	.8	.0	.3	.0	.3	.0	.3	1.8	100	7.4	

ELLING VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS: 6 / DAY

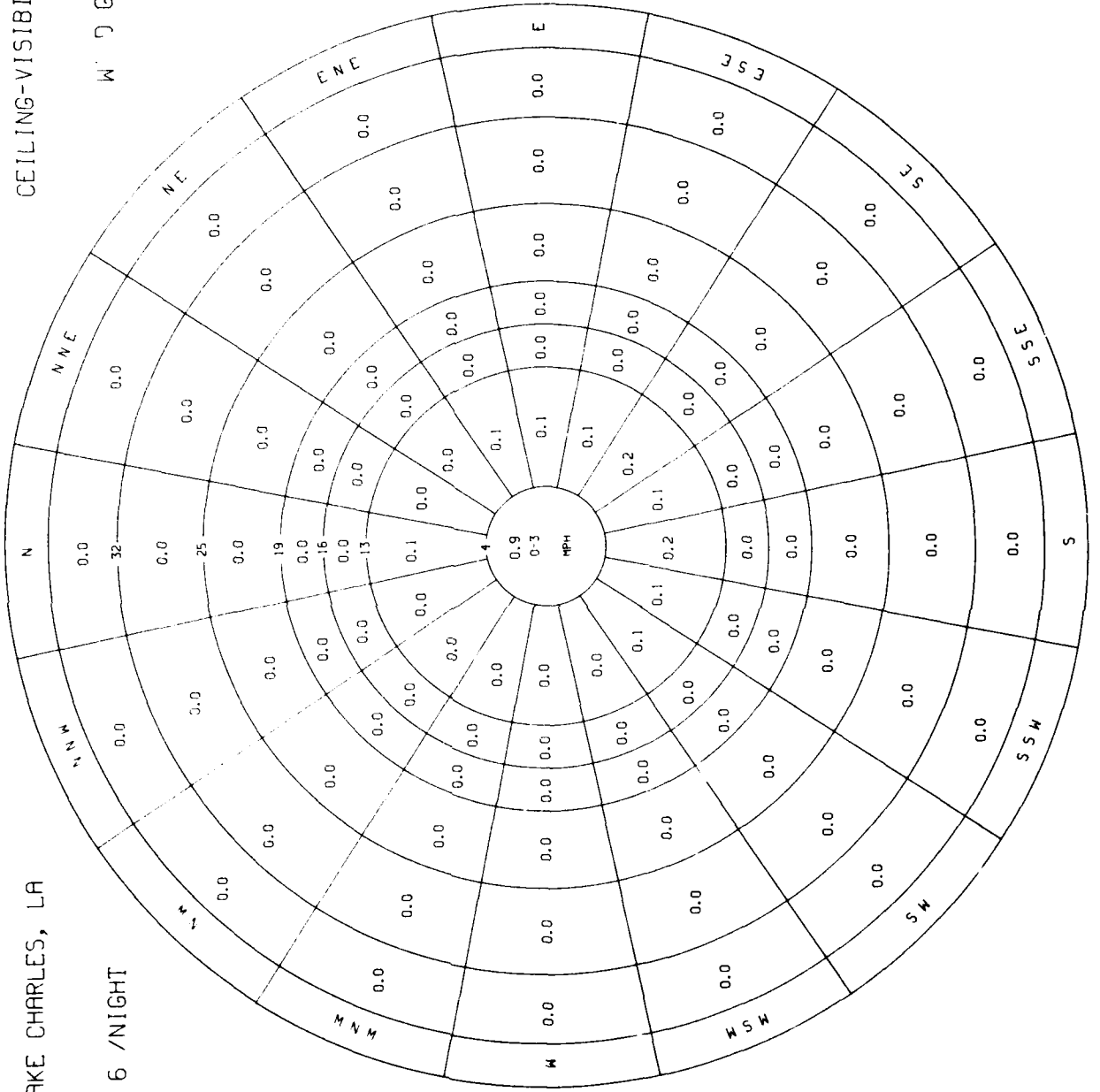
NO. OBS.: 216

STATION NUMBER: 03337

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.2	
NNE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.3	
NE	.0	1.9	.1	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.1	
ENE	.0	1.9	.1	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	5.4	
E	.0	2.8	.1	13.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.7	5.7	
ESE	.0	.5	.1	10.6	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	7.6	
SE	.0	1.4	.0	5.1	.0	.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	7.4	8.0	
SSE	.0	.5	.0	4.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.7	
S	.0	.5	.0	4.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.2	
SSW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.2	
SW	.0	.5	.0	2.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.4	
WSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0	
W	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0	
WNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.5	
NW	.0	.5	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.5	
NNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.0	
CALM	.2	19.9																19.9		
TOTAL	.2	31.9	.5	64.4	.0	2.8	.0	.5	.0	.5	.0	.0	.5	.0	.0	.0	.0	.8	100	5.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LCH LAKE CHARLES, LA

PERIOD: 1962-1978

CLASS 6 / NIGHT

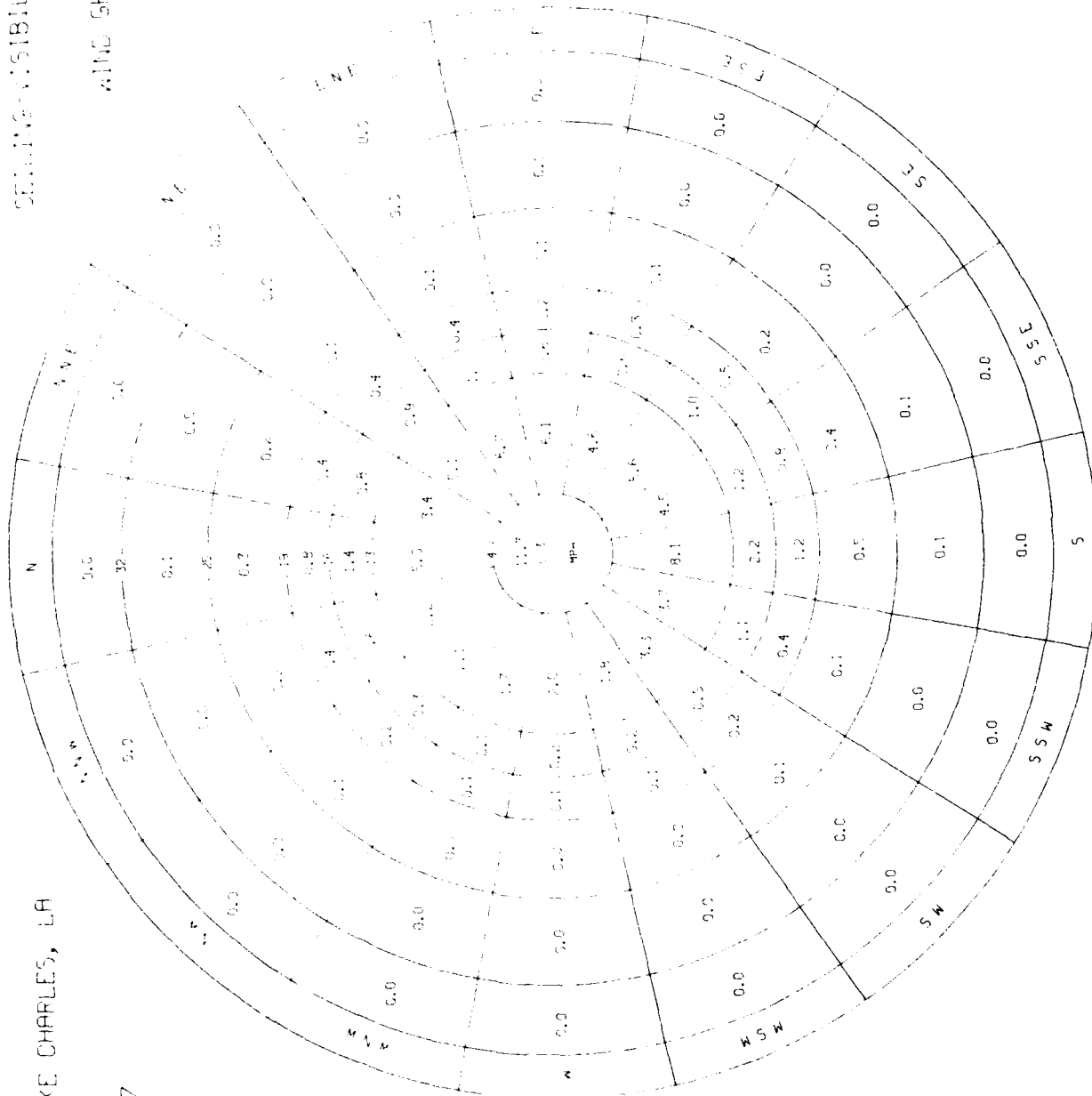
STATION NUMBER: 03937

NO. OBS.: 499

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.6	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	5.9	
NNE	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.5
NE	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.7
ENE	.0	.4	.1	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	6.9
E	.0	.8	.1	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.2	5.7
ESE	.0	1.2	.1	5.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.8	6.6
SE	.0	1.8	.2	9.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	11.8	6.8	
SSE	.0	.6	.1	5.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	7.8	
S	.0	.6	.2	8.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.8	7.7	
SSW	.0	.6	.1	4.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	7.4	
SW	.0	.4	.1	3.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	7.7	
WSW	.0	1.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.2	
W	.0	.6	.0	2.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	6.5	
WNW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.4	
NW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3	
NNW	.0	.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0	
CALM	.6	26.9															.6	26.9		
TOTAL	.9	38.3	1.3	58.3	.1	2.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.3	100	4.9	

SEEING VISIBILITY

WIND GRAPH

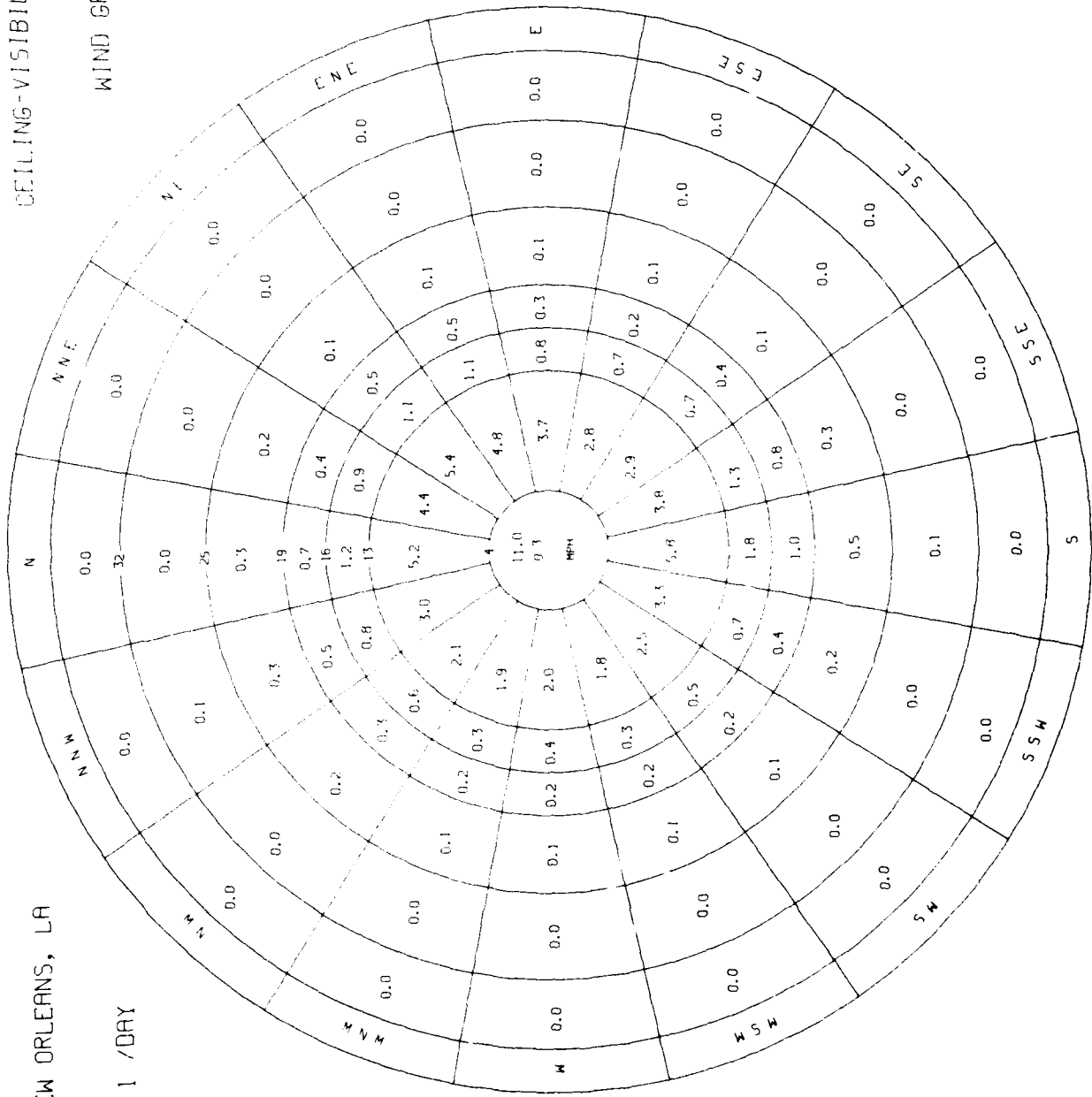


LCH LAKE CHARLES, LA

CLASS 7

CEILING-VISIBILITY

WIND GRAPH



MSY NEW ORLEANS, LA

CLASS 1 /DAY

PRECEDING PAGE BLANK-NOT FILMED

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

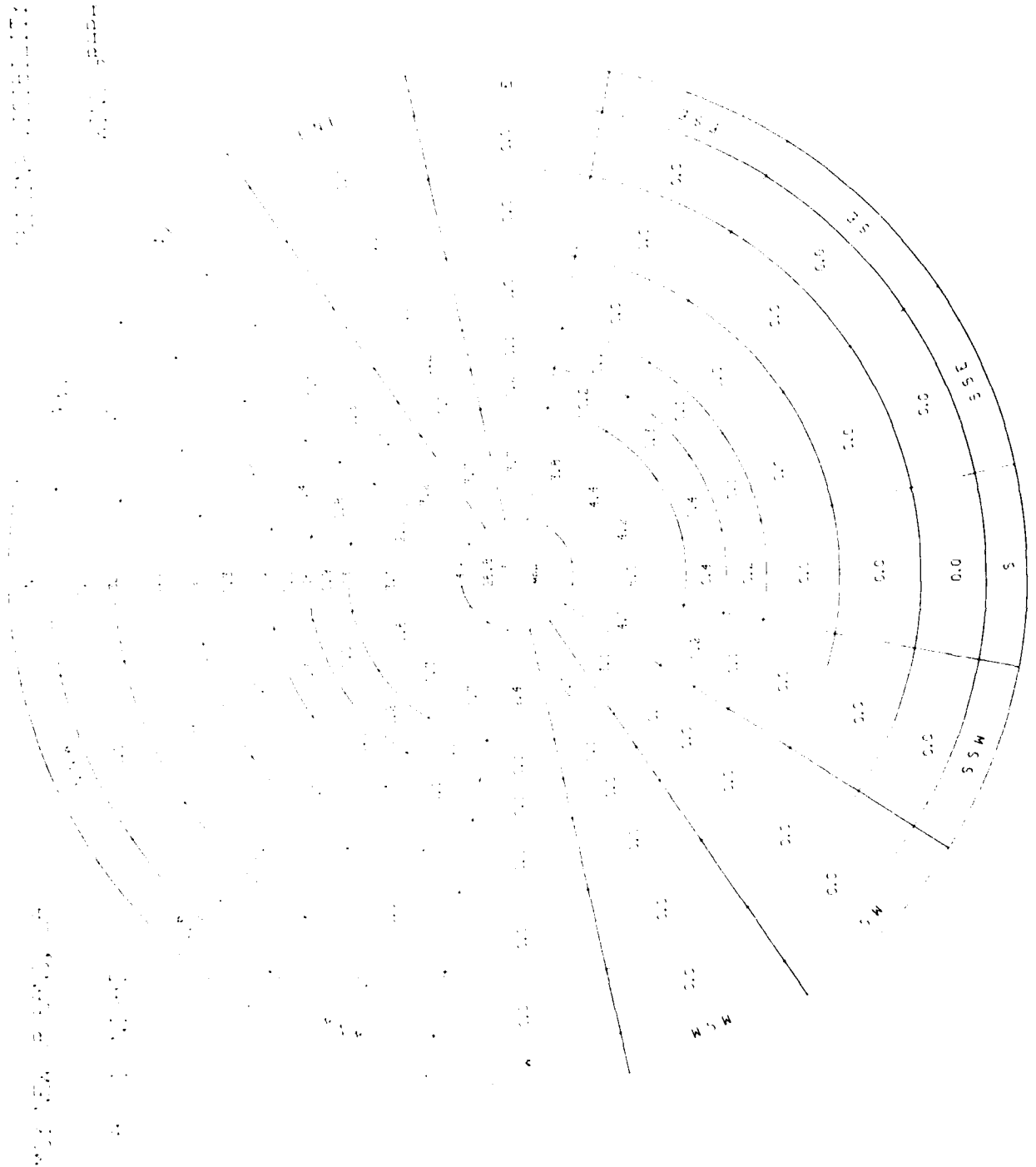
PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 12516

NO. OBS.: 43397

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.6	.7	5.2	5.9	1.2	1.3	.7	.7	.3	.3	.0	.1	.0	.0	.0	.0	8.0	8.9	9.8
NNE	.3	.3	4.4	4.9	.9	1.0	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	6.2	6.9	9.8
NE	.5	.6	5.4	6.0	1.1	1.2	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	7.6	8.5	9.5
ENE	.5	.6	4.8	5.3	1.1	1.3	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	7.1	7.9	9.7
E	.5	.6	3.7	4.2	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.5	6.2	9.2
ESE	.2	.3	2.8	3.1	.7	.7	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.0	4.4	9.6
SE	.2	.3	2.9	3.3	.7	.8	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.3	4.8	10.0
SSE	.2	.2	3.8	4.3	1.3	1.4	.8	.8	.3	.4	.0	.0	.0	.0	.0	.0	6.4	7.2	11.4
S	.4	.4	5.8	6.5	1.8	2.1	1.0	1.1	.5	.5	.1	.1	.0	.0	.0	.0	9.6	10.7	11.1
SSW	.3	.3	3.3	3.7	.7	.8	.4	.5	.2	.3	.0	.0	.0	.0	.0	.0	5.0	5.6	10.3
SW	.3	.3	2.5	2.8	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.6	4.0	9.4
WSW	.3	.3	1.8	2.0	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.9	9.0
W	.5	.6	2.0	2.2	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.6	8.6
WNW	.3	.4	1.9	2.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.2	9.1
NW	.4	.4	2.1	2.3	.6	.6	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	3.6	4.0	10.0
NNW	.4	.5	3.0	3.3	.8	.9	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	5.1	5.7	10.5
CALM	5.0	5.5															5.0	5.5	
TOTAL	11.0	12.3	55.5	61.8	13.3	14.8	6.9	7.6	2.6	2.9	.4	.5	.0	.0	.0	.0	89.7	100	9.4



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MET NEW ORLEANS, LA

CLASS: 1116-7

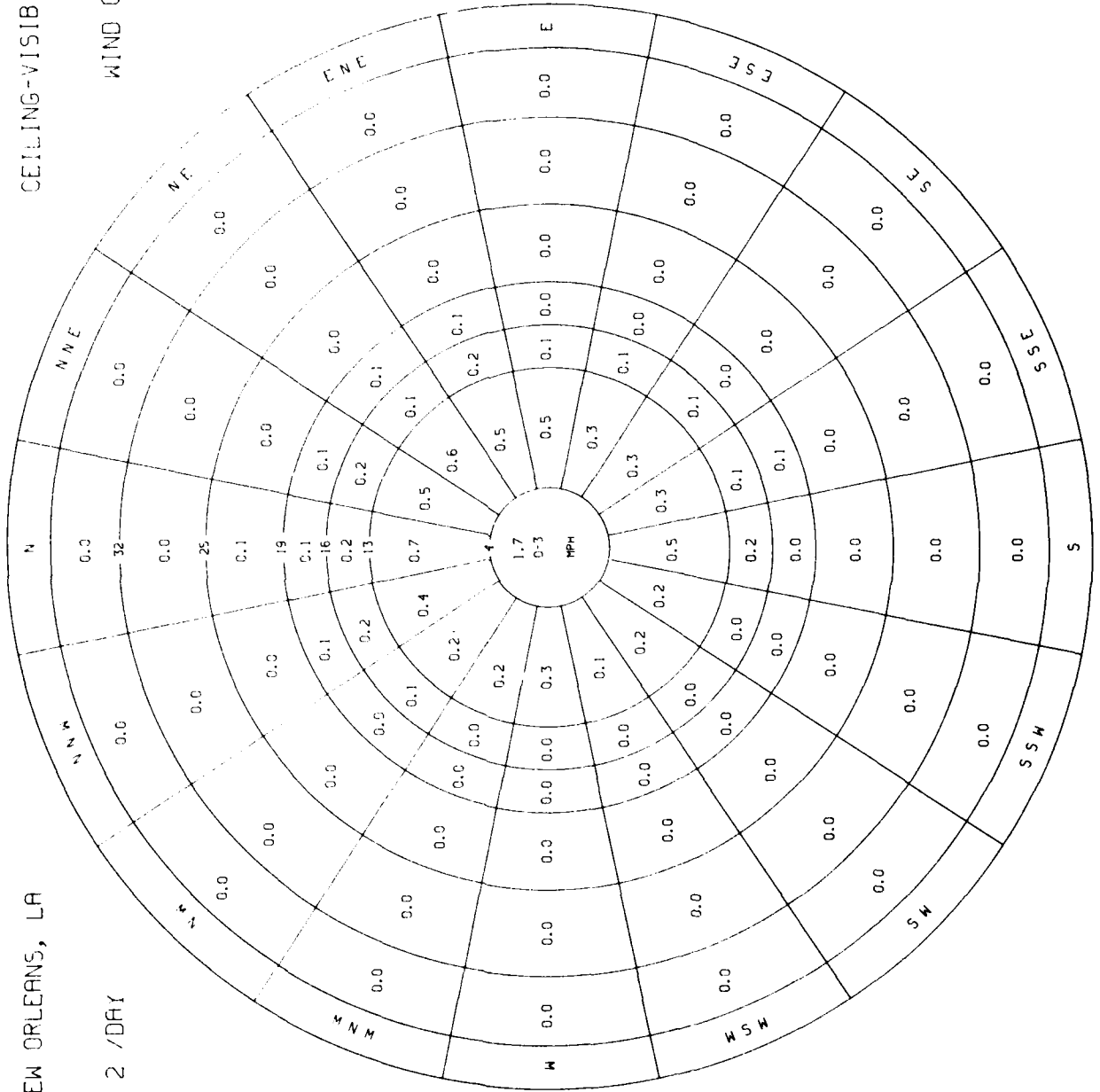
NO. OBS.: 34087

STATION NUMBER: 12316

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	.9	3.1	3.6	.3	1.1	.5	.6	.3	.3	.0	.0	.0	.0	5.7	6.6	10.1
NNE	.5	.6	2.5	2.8	.8	.9	.4	.5	.2	.3	.0	.0	.0	.0	4.5	5.2	10.1
NENE	.8	1.0	3.2	3.7	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	5.2	6.0	8.8
ENE	1.0	1.2	3.7	4.3	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.5	6.3	7.6
E	1.1	1.3	3.7	4.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.1	5.9	6.7
ESE	.7	.8	3.8	4.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.8	5.6	7.1
SE	.6	.7	4.4	5.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.5	6.4	7.5
SSE	.5	.5	4.2	4.8	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	5.2	6.0	8.1
S	.7	.8	5.0	5.7	.4	.5	.2	.2	.0	.1	.0	.0	.0	.0	6.3	7.2	7.8
SSW	.6	.7	4.0	4.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.8	5.6	7.0
SW	.9	1.0	3.1	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	6.3
WSW	.8	1.0	2.2	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	5.9
W	1.4	1.6	2.4	2.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.9	4.5	5.6
WNW	.7	.8	1.7	1.9	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	2.6	3.0	7.0
NW	.6	.7	1.3	1.5	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.5	2.9	8.7
NNW	.7	.8	1.6	1.9	.5	.6	.3	.4	.2	.3	.1	.1	.0	.0	3.5	4.0	10.1
CALM	14.4	16.6													14.4	16.6	
TOTAL	26.8	30.8	49.9	57.5	5.8	6.7	2.7	3.1	1.3	1.5	.3	.3	.0	.0	86.8	100	6.5

CEILING-VISIBILITY

WIND GRAPH



MSY NEW ORLEANS, LA

CLASS 2 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 2 / DAY

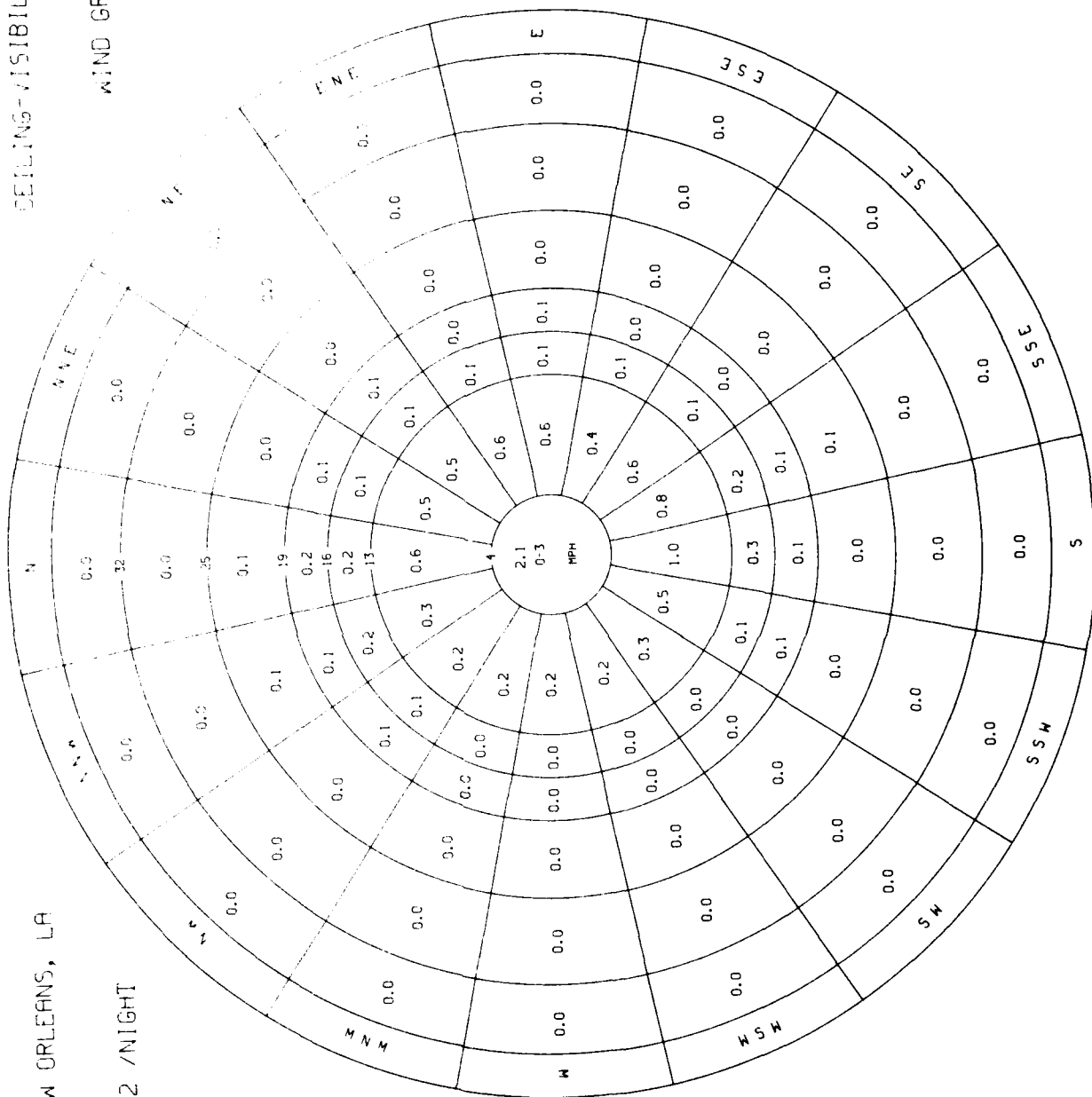
STATION NUMBER: 12916

NO. OBS.: 4988

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	O			
N	.1	.8	.7	6.5	.2	1.9	.1	1.2	.1	.6	.0	.1	.0	.0	.0	.1	.1	11.1	10.8
NNE	.1	.5	.5	4.6	.2	1.5	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.8	8.0	10.9
NE	.1	.8	.6	5.5	.1	1.3	.1	.8	.0	.3	.0	.0	.0	.0	.0	.9	8.8	10.1	
ENE	.1	.7	.5	5.1	.2	1.6	.1	.6	.0	.3	.0	.1	.0	.0	.0	.9	8.5	10.1	
E	.1	.9	.5	4.8	.1	.9	.0	.4	.0	.2	.0	.1	.0	.0	.0	.7	7.2	9.0	
ESE	.0	.3	.3	3.0	.1	.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.5	4.6	10.0	
SE	.0	.3	.3	2.8	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.4	4.2	9.5	
SSE	.0	.4	.3	3.2	.1	1.0	.1	.9	.0	.3	.0	.1	.0	.0	.0	.6	5.9	11.0	
S	.1	.7	.5	4.8	.2	1.5	.0	.5	.0	.5	.0	.1	.0	.0	.8	8.0	10.2		
SSW	.0	.3	.2	1.9	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.3	3.2	10.3		
SW	.0	.2	.2	1.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.4	9.0		
WSW	.0	.4	.1	1.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.1	8.4		
W	.1	.7	.3	2.4	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.4	3.7	8.1		
WNW	.0	.4	.2	1.9	.0	.5	.0	.2	.0	.1	.0	.1	.0	.0	.3	3.2	9.5		
NW	.0	.4	.2	2.4	.1	.6	.0	.4	.0	.3	.0	.1	.0	.0	.4	4.2	11.1		
NNW	.0	.5	.4	3.8	.2	1.6	.1	.6	.0	.5	.0	.1	.0	.0	.7	7.1	11.4		
CALM	.8	7.9													.8	7.9			
TOTAL	1.7	16.2	5.8	55.9	1.5	14.8	.8	7.8	.4	4.1	.1	1.0	.0	.2	10.3	100		9.4	

CEILING-VISIBILITY

WIND GRAPH



MSY NEW ORLEANS, LA

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: MSR NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 2 / NIGHT

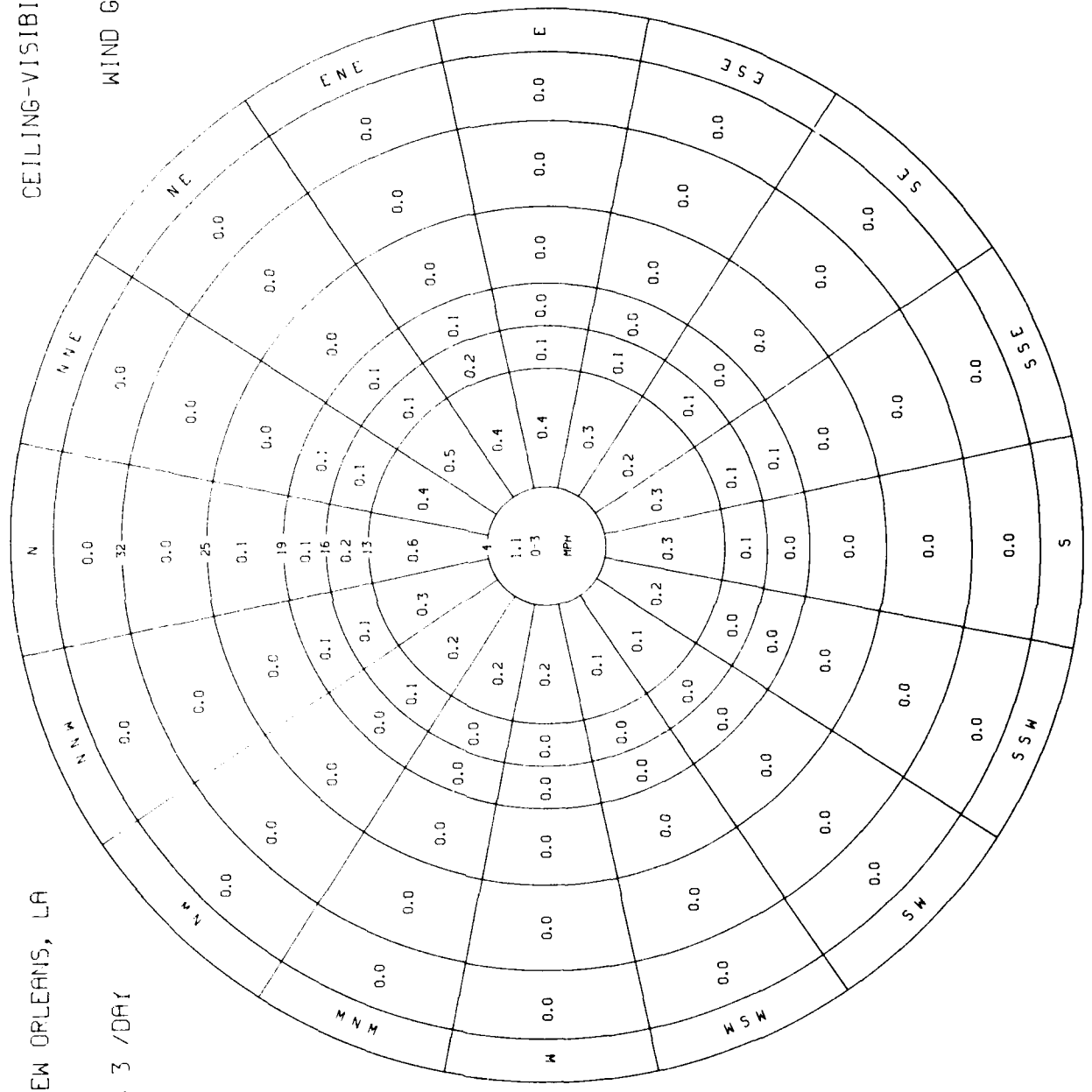
STATION NUMBER: 12916

NO. OBS.: 5177

D J R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.9	.6	4.7	.2	1.8	.2	1.2	.1	.4	.0	.0	.0	.0	.0	1.2	9.0	10.9	
NNE	.1	.6	.5	3.9	.1	1.1	.1	.9	.0	.3	.0	.0	.0	.0	.0	.9	6.8	10.6	
NE	.1	.8	.5	4.1	.1	.9	.1	.6	.0	.2	.0	.0	.0	.0	.0	.9	6.5	9.6	
ENE	.1	.7	.6	4.4	.1	1.1	.0	.3	.0	.2	.0	.1	.0	.1	.9	6.9	9.8		
E	.1	1.0	.6	4.2	.1	.7	.1	.6	.0	.2	.0	.0	.0	.0	.9	6.7	9.2		
ESE	.1	.5	.4	3.4	.1	.5	.0	.2	.0	.1	.0	.1	.0	.0	.6	4.8	8.9		
SE	.1	.4	.6	4.5	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.8	5.9	9.4		
SSE	.1	.6	.8	5.9	.2	1.6	.1	.8	.1	.4	.0	.1	.0	.0	1.2	9.3	10.3		
S	.1	.8	1.0	7.9	.3	1.9	.1	1.0	.0	.3	.0	.2	.0	.0	1.6	12.1	10.1		
SSW	.0	.3	.5	3.6	.1	.8	.1	.5	.0	.2	.0	.0	.0	.0	.7	5.4	10.2		
SW	.0	.3	.3	2.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4	2.8	8.3		
WSW	.0	.3	.2	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.8	8.1		
W	.1	.5	.2	1.7	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.6	8.3		
WNW	.0	.3	.2	1.4	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.3	9.5		
NW	.0	.3	.2	1.9	.1	.6	.1	.5	.0	.3	.0	.0	.0	.0	.5	3.5	11.0		
NNW	.1	.5	.3	2.6	.2	1.2	.1	.9	.1	.6	.0	.1	.0	.0	.8	6.0	12.3		
CALM	1.0	7.6													1.0	7.6			
TOTAL	2.1	16.3	7.6	57.4	1.8	13.7	1.1	8.1	.5	3.6	.1	.7	.0	.2	13.2	100	9.3		

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 12916

NO. OBS.: 4121

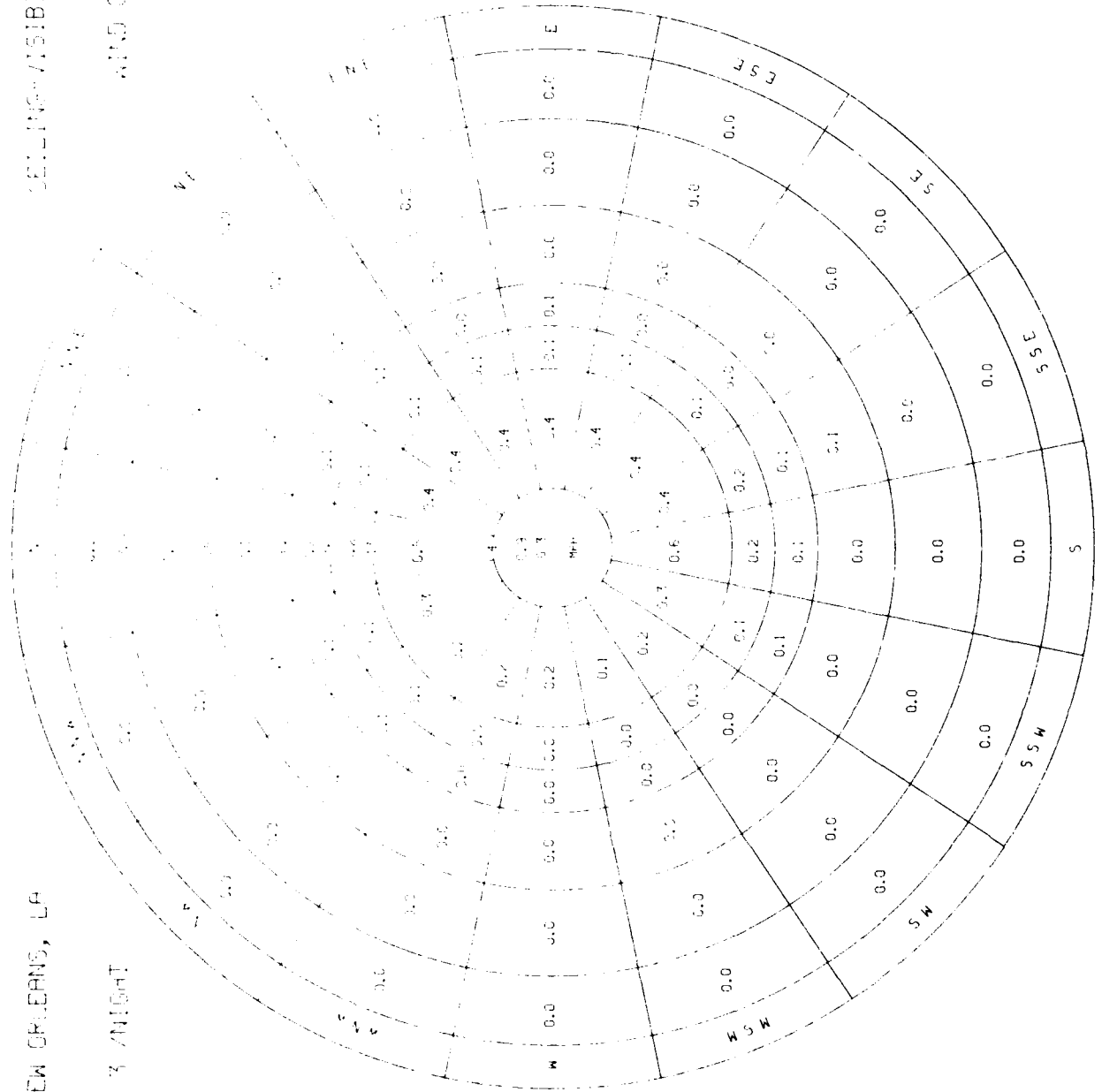
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.7	.6	6.6	.2	2.1	.1	1.5	.1	.7	.0	.1	.0	.0	.0	.0	1.0	11.6	11.2
NNE	.0	.5	.4	5.0	.1	1.7	.1	1.0	.0	.5	.0	.1	.0	.0	.0	.0	.7	8.8	11.1
NE	.0	.6	.5	5.4	.1	1.5	.1	.9	.0	.4	.0	.0	.0	.0	.0	.0	.8	8.8	10.6
ENE	.0	.5	.4	5.0	.2	1.9	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.7	8.4	10.8
E	.1	.7	.4	4.8	.1	1.0	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.6	7.4	9.6
ESE	.0	.2	.3	3.1	.1	.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.4	4.7	10.4
SE	.0	.3	.2	2.9	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.3	9.6
SSE	.0	.3	.3	2.9	.1	1.1	.1	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.5	5.8	11.8
S	.0	.6	.3	4.0	.1	1.6	.0	.5	.0	.5	.0	.1	.0	.0	.0	.0	.6	7.3	10.9
SSW	.0	.2	.2	1.8	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.3	11.1
SW	.0	.2	.1	1.7	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	9.3
WSW	.0	.3	.1	1.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.1	8.7
W	.1	.7	.2	2.6	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.9	8.3
WNW	.0	.4	.2	1.9	.0	.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	3.3	9.8
NW	.0	.4	.2	2.4	.1	.8	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.4	4.4	11.2
NNW	.0	.5	.3	3.6	.1	1.7	.1	.8	.0	.6	.0	.2	.0	.0	.0	.0	.6	7.3	11.8
CALM	.5	6.0															.5	6.0	
TOTAL	1.1	13.1	4.7	55.1	1.4	16.8	.8	9.0	.4	4.6	.1	1.1	.0	.1	.0	.1	8.5	10.0	10.0

MSI NEW ORLEANS, LA

CEILING-VISIBILITY

CLASS 3 NIGHT

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MET NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 3 / NIGHT

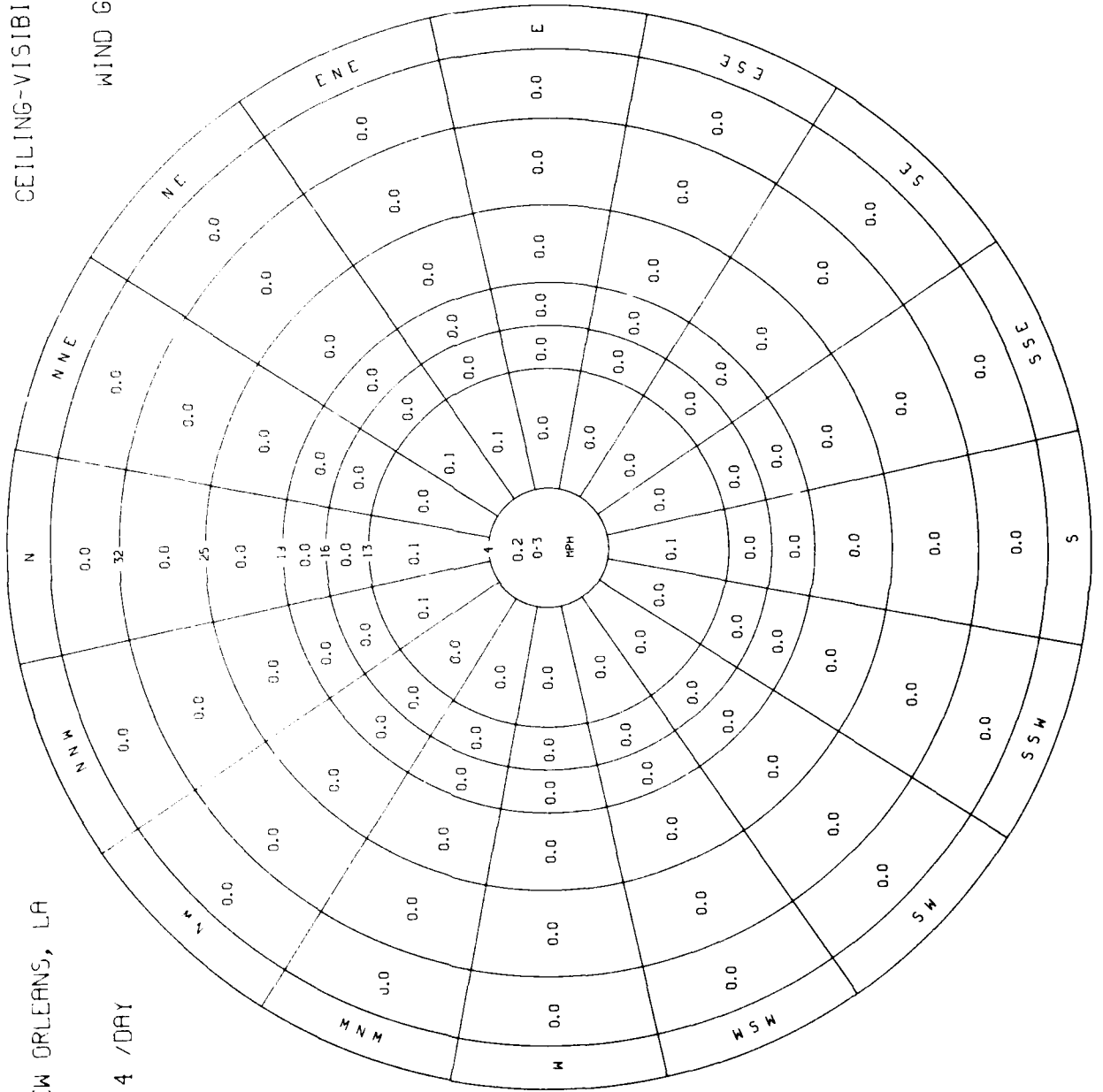
STATION NUMBER: 12916

NO. OBS.: 3670

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED						
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D		
N	.0	.5	.5	4.9	.2	2.4	.2	1.6	.1	.5	.0	.1	.0	.0	.0	.0	.9	10.0	12.0
NNE	.0	.4	.4	4.1	.1	1.4	.1	1.3	.0	.5	.0	.0	.0	.0	.0	.0	.7	7.7	11.4
NNE	.1	.5	.4	4.1	.1	1.0	.1	.8	.0	.3	.0	.1	.0	.0	.0	.0	.6	6.7	10.3
ENE	.0	.5	.4	4.4	.1	1.4	.0	.4	.0	.2	.0	.1	.0	.1	.0	.1	.7	7.2	10.6
E	.1	.7	.4	4.1	.1	.9	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.6	6.9	10.0
ESE	.0	.3	.4	3.8	.1	.6	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.5	5.2	9.8
SE	.0	.1	.4	4.2	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.5	5.8	10.6
SSE	.0	.2	.4	4.7	.2	2.0	.1	1.0	.1	.6	.0	.1	.0	.1	.0	.1	.8	8.6	11.9
S	.0	.4	.6	6.2	.2	2.3	.1	1.4	.0	.4	.0	.2	.0	.0	.0	.0	1.0	11.0	11.6
SSW	.0	.2	.3	3.7	.1	1.0	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.6	5.9	11.0
SW	.0	.2	.2	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.0	9.1
WSW	.0	.2	.1	1.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	8.6
W	.0	.5	.2	1.8	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.9	8.7
WNW	.0	.2	.2	1.6	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	2.6	10.4
NW	.0	.2	.2	1.7	.1	.8	.1	.7	.0	.4	.0	.0	.0	.0	.0	.0	.4	3.8	12.3
NNW	.0	.3	.3	2.9	.1	1.5	.1	1.2	.1	.8	.0	.2	.0	.0	.0	.0	.7	7.0	13.2
CALM	.4	4.2															.4	4.2	
TOTAL	.9	9.7	5.2	55.7	1.6	17.4	1.0	11.1	.5	4.9	.1	1.0	.0	.2	.0	.2	9.3	10.0	10.6

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MSY NEW ORLEANS, LA

CLASS 4 / DAY

NO. OBS.: 519

STATION NUMBER: 12916

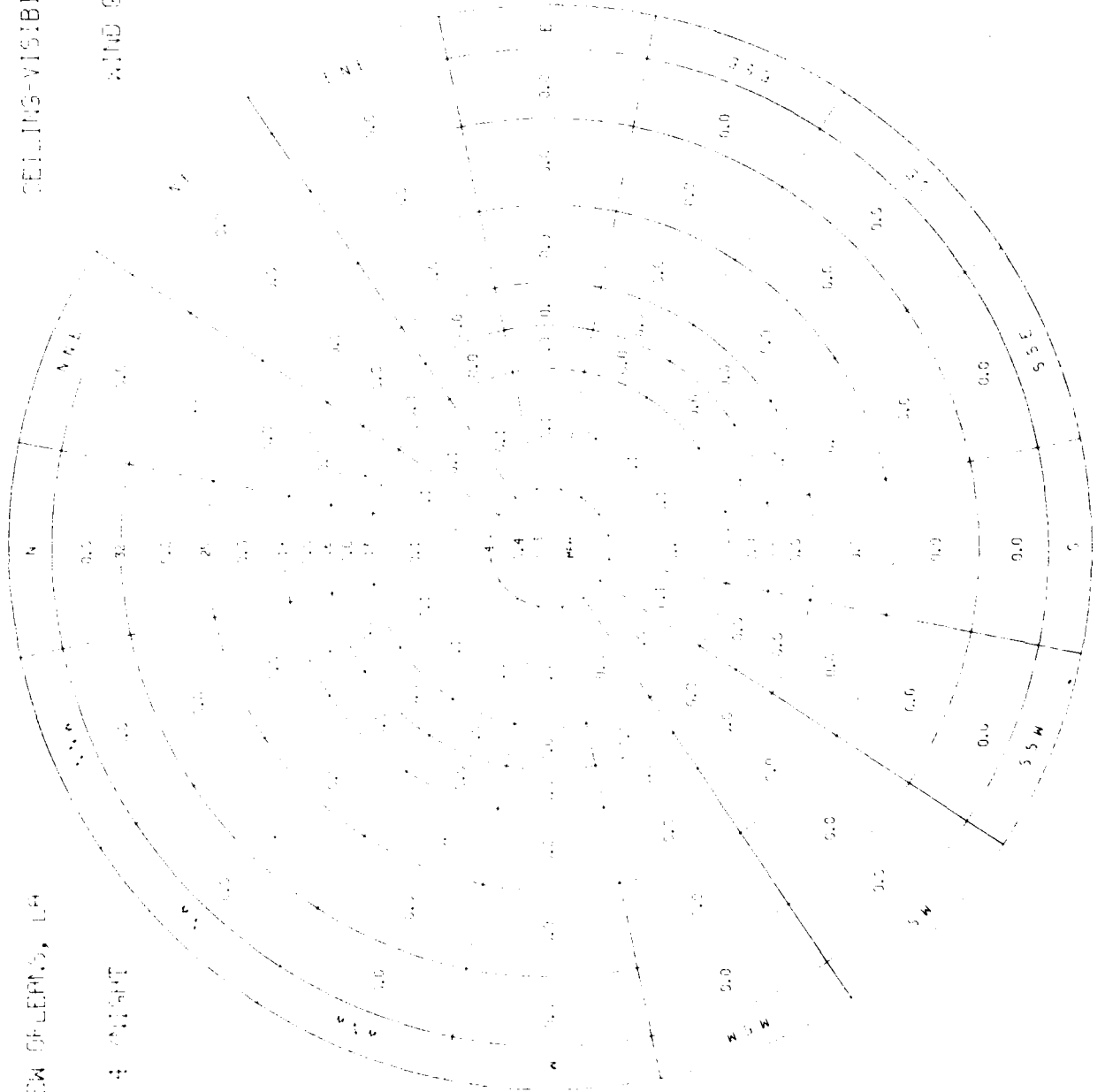
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D					
N	.0	.4	.1	6.6	.0	1.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	8.5	9.2	
NNE	.0	.2	.0	3.3	.0	1.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	5.0	10.8	
NE	.0	.6	.1	8.1	.0	.4	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	10.0	9.1	
ENE	.0	1.3	.1	6.7	.0	.8	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	9.4	8.3	
E	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	6.3	
ESE	.0	.4	.0	2.5	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.8	
SE	.0	.2	.0	2.1	.0	.2	.0	.2	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	3.1	10.6	
SSE	.0	.6	.0	3.5	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.6	
S	.0	1.2	.1	8.9	.0	1.2	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.1	12.3	9.3	
SSW	.0	.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.6	
SW	.0	.2	.0	1.3	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.9	9.2	
WSW	.0	1.0	.0	1.2	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.3	
W	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.2	.0	.0	.2	.0	.0	.0	.0	.0	3.5	7.8	
WNW	.0	.6	.0	2.9	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.8	
NW	.0	.2	.0	3.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.0	
NNW	.0	.6	.1	4.8	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.9	9.8	
CALM	.1	11.2																.1	11.2		
TOTAL	.2	20.8	.7	65.5	.1	7.3	.0	3.3	.0	2.5	.0	.4	.0	.0	.2	.0	.0	.2	1.1	100	7.7

CEILING-VISIBILITY

WIND GRAPH

MSY NEW OF LEPLIN, LA

CLASS 4 AIRPORT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: MET NEW ORLEANS, LA

CLASS 4 / NIGHT

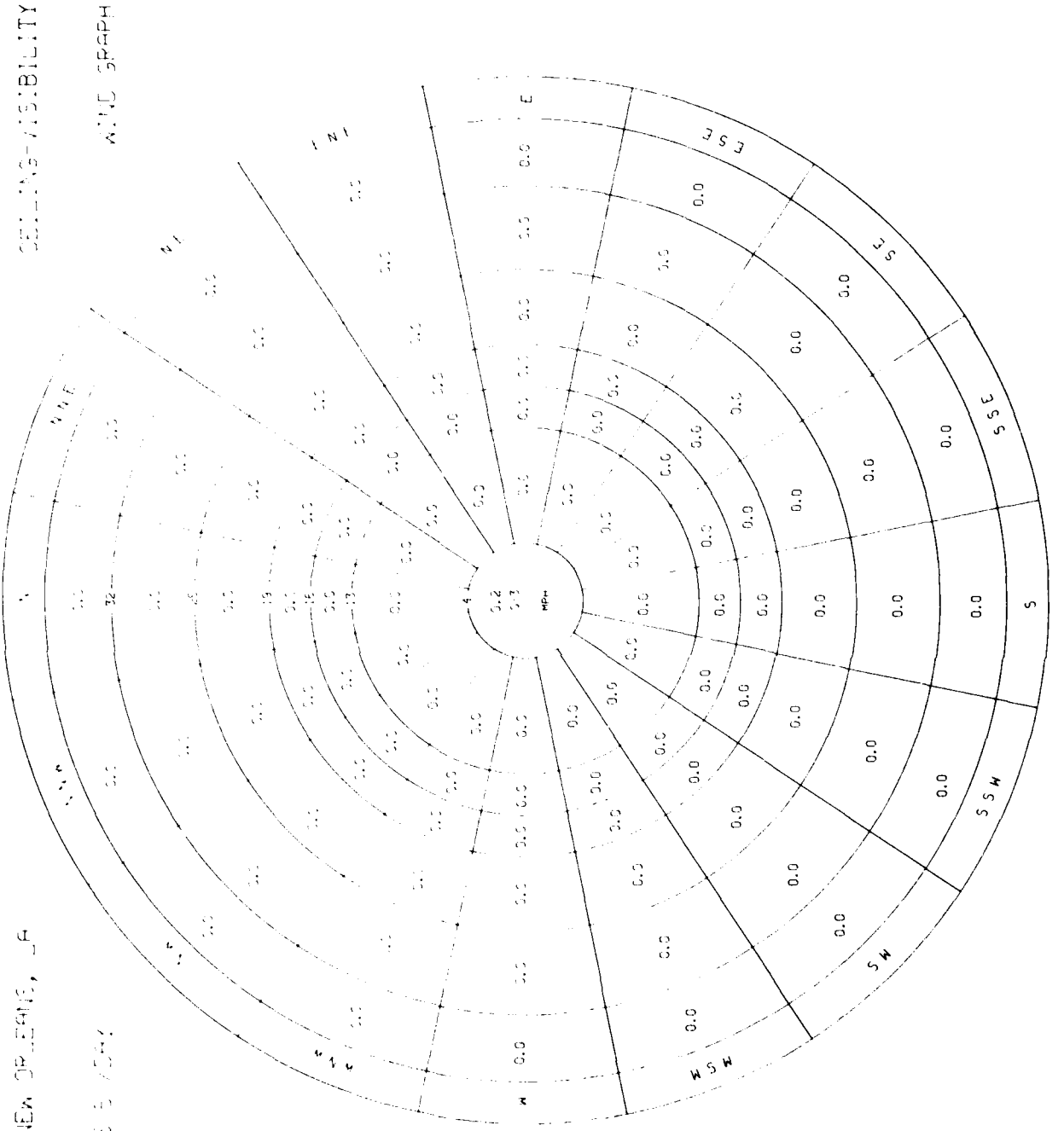
NO. OBS.: 667

STATION NUMBER: 12916

U I R	SPEED GROUPS (MPH)																		AVG WIND SPEED										
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL						
	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D		A	B	D	C	D					
N	.0	.9		.1	5.7		.0	.4		.0	.1		.0	.0		.0	.0		.0	.0		.0	.0		.1	7.2		8.7	
NNE	.0	.9		.1	4.5		.0	.4		.0	.3		.0	.0		.0	.0		.0	.0		.0	.0		.1	6.1		8.3	
NE	.0	1.0		.1	3.6		.0	1.5		.0	.3		.0	.0		.0	.0		.0	.0		.0	.0		.1	6.4		9.4	
ENE	.0	.7		.1	5.7		.0	.7		.0	.1		.0	.1		.0	.0		.0	.0		.0	.3		.1	7.8		9.3	
E	.0	1.0		.1	5.7		.0	.3		.0	.1		.0	.3		.0	.0		.0	.0		.0	.1		.1	7.6		8.9	
ESE	.0	.3		.0	2.8		.0	.6		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	3.7		8.2	
SE	.0	1.0		.1	4.8		.0	.1		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.1	6.0		6.9	
SSE	.0	1.0		.1	7.5		.0	.9		.0	.1		.0	.0		.0	.0		.0	.0		.0	.0		.2	9.6		8.0	
S	.0	1.5		.2	9.4		.0	1.6		.0	.3		.0	.0		.0	.0		.0	.0		.0	.0		.2	12.9		8.5	
SSW	.0	.4		.1	3.6		.0	.4		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.1	4.5		7.8	
SW	.0	.0		.0	1.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	1.3		6.1	
WSW	.0	.0		.0	1.8		.0	.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	2.1		8.7	
W	.0	.4		.0	1.5		.0	.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	2.2		7.1	
WNW	.0	.4		.0	1.5		.0	.1		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	2.1		7.5	
NW	.0	.3		.1	3.1		.0	.1		.0	.1		.0	.1		.0	.0		.0	.0		.0	.0		.1	3.9		8.5	
NNW	.0	1.0		.1	3.1		.0	.9		.0	.1		.0	.3		.0	.0		.0	.0		.0	.0		.1	5.5		9.3	
CALM	.2	10.8																											
TOTAL	.4	22.0		1.1	65.8		.2	9.0		.0	1.8		.0	.9		.0	.0		.0	.0		.0	.4		.1	7.7		100	7.5

MSY NEW ORLEANS, LA

CLASS 5 / 084



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

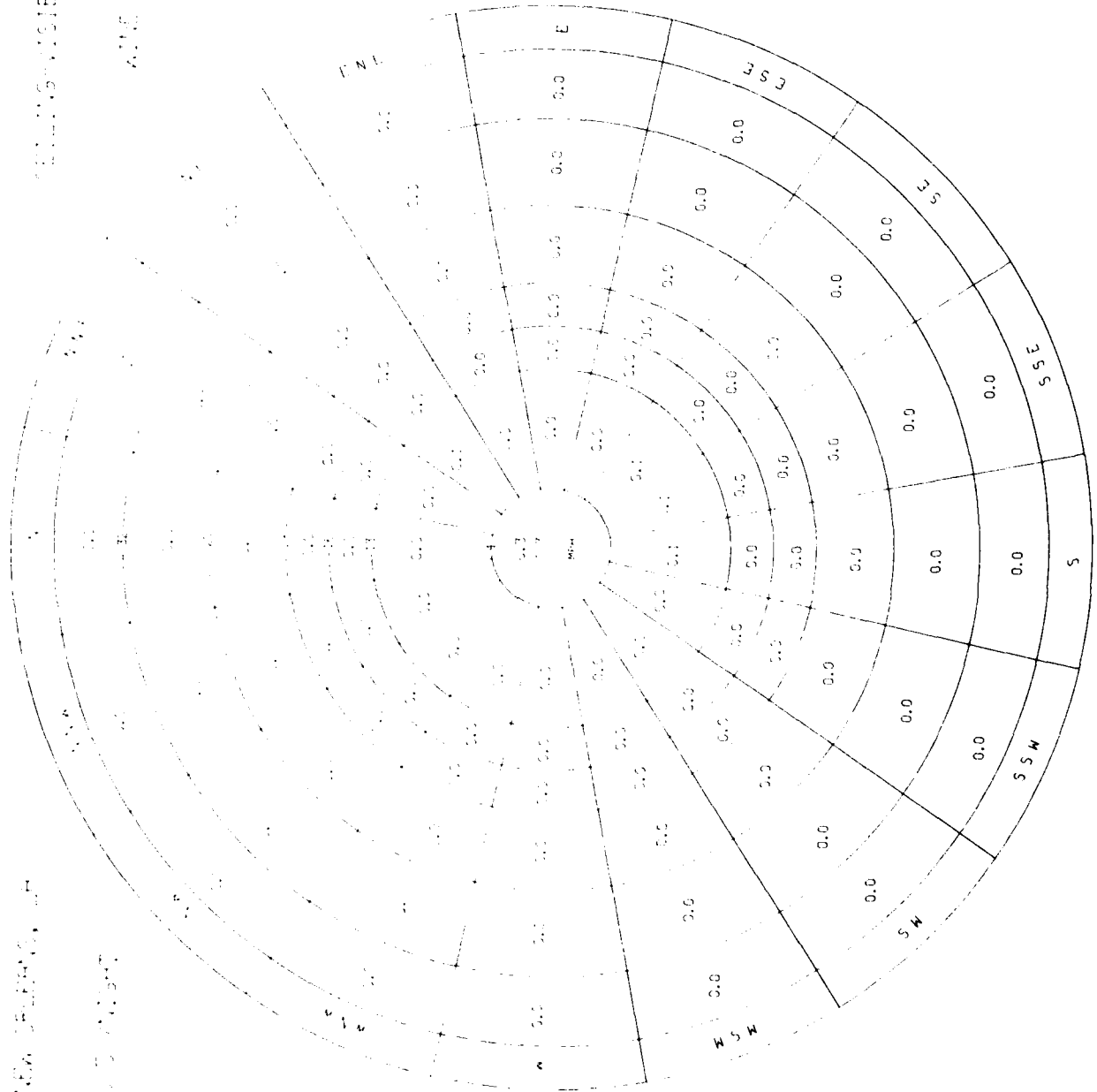
CLASS 5 / DAY

STATION NUMBER: 12916

NO. OBS.: 169

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	2.4	.0	5.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9
NNE	.0	1.2	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NE	.0	2.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
ENE	.0	2.4	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5
E	.0	3.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
ESE	.0	2.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
SE	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
SSE	.0	1.8	.0	5.9	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	.6	.0	9.5
S	.0	.6	.0	10.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8
SSW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
SW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
WNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	1.8
NNW	.0	1.2	.0	3.6	.0	.6	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.9
CALM	.1	23.7															.1	23.7
TOTAL	.2	45.0	.2	48.5	.0	4.1	.0	.6	.0	.6	.0	1.2	.0	.0	.0	.3	100	5.0

MSY NEW BRUNSWICK, NJ  
 CLASS 3 AIRPORT  
 RELATIVE VISIBILITY  
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MET. NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 5 / NIGHT

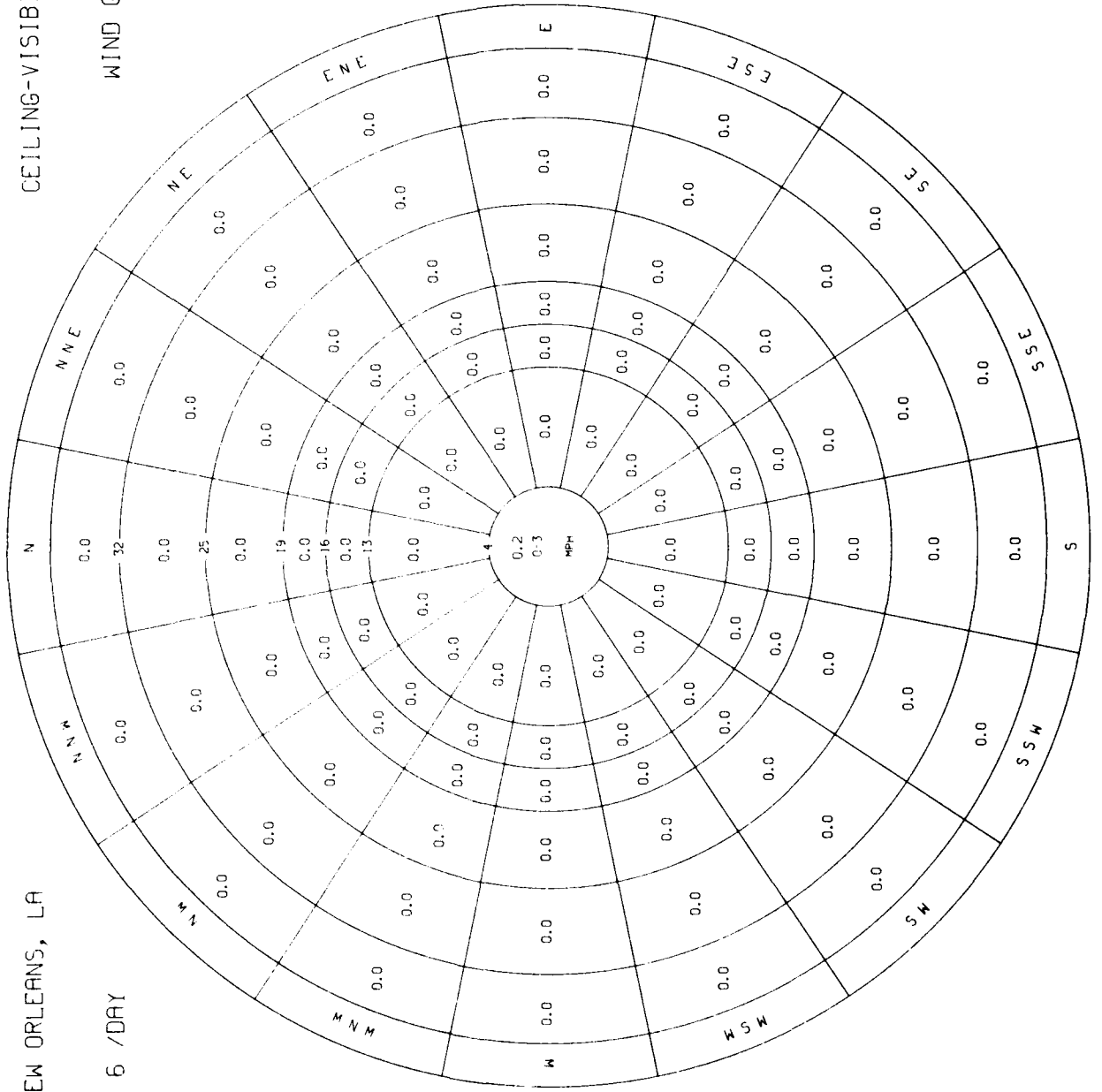
STATION NUMBER: 12974

NO. OBS.: 380

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	1.3	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.8	
NNE	.0	.5	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.2	
NE	.0	1.3	.1	5.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.1	
ENE	.0	.5	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.0	
E	.0	1.3	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.2	
ESE	.0	1.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	
SE	.0	.8	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.1	
SSE	.0	1.8	.1	9.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	6.6	
S	.0	1.8	.1	14.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.6	7.5	
SSW	.0	.8	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.7	
SW	.0	.5	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.5	
WSW	.0	.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.0	
W	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.2	
WNW	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.5	
NW	.0	.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.8	
NNW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.2	
CALM	.2	16.6																16.6		
TOTAL	.3	32.1	.6	66.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	100	5.5

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 12916

NO. OBS.: 179

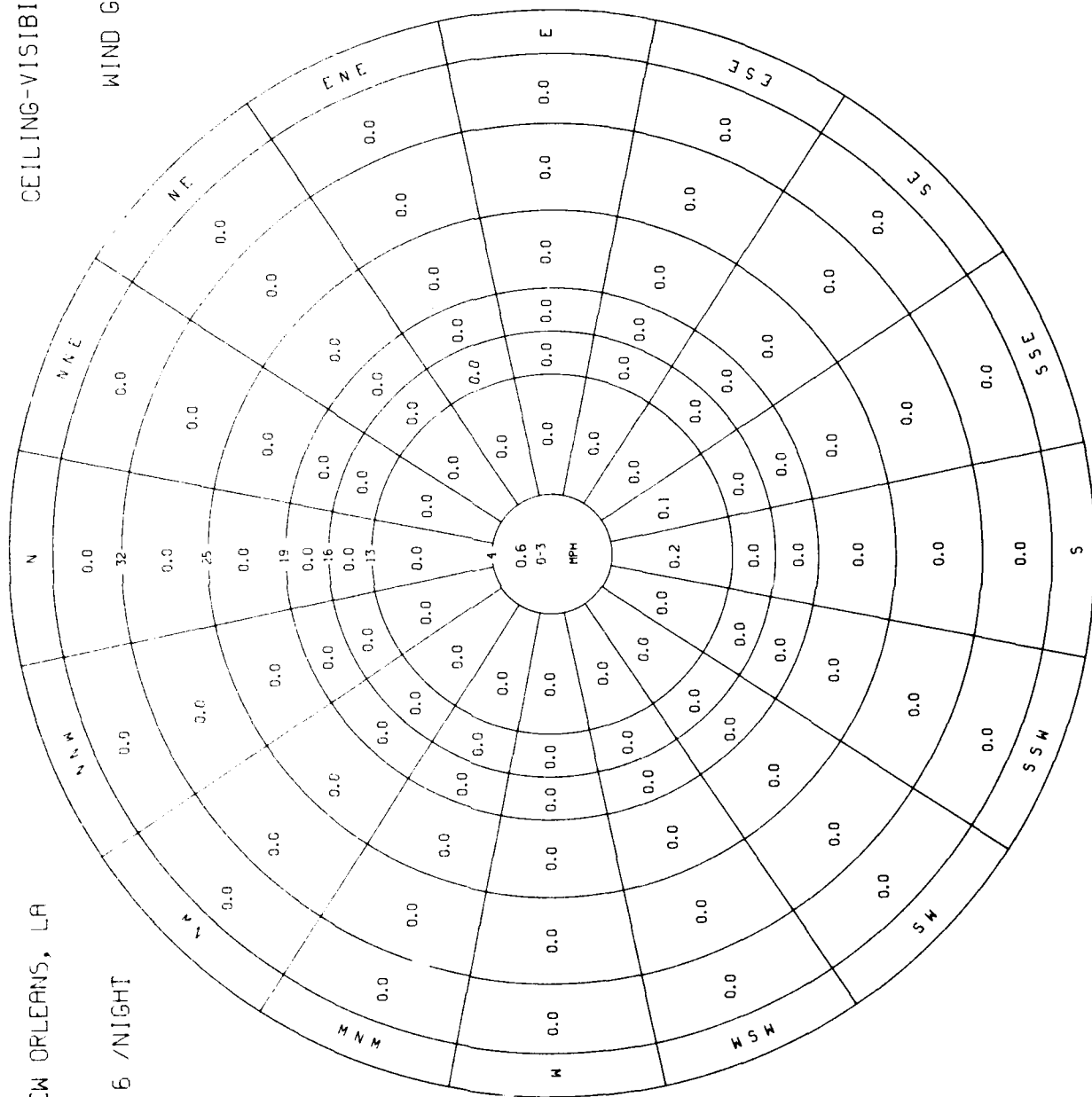
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED					
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL									
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D								
N	.0	2.8	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	5.4			
NNE	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.0		
NE	.0	3.9	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	4.9		
ENE	.0	3.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.4		
E	.0	2.2	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	5.0		
ESE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.1		
SE	.0	1.1	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.1		
SSE	.0	.6	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.6		
S	.0	2.8	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	5.1		
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.5		
SW	.0	1.1	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.0		
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0		
W	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0		
WNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0		
NW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	23.0		
NNW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.0		
CALM	.1	26.3																			1	26.3		
TOTAL	.2	46.4	.2	52.5	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4	100	4.3

CEILING-VISIBILITY

WIND GRAPH

MSY NEW ORLEANS, LA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MSY NEW ORLEANS, LA

PERIOD: 1949-1978

CLASS 6 / NIGHT

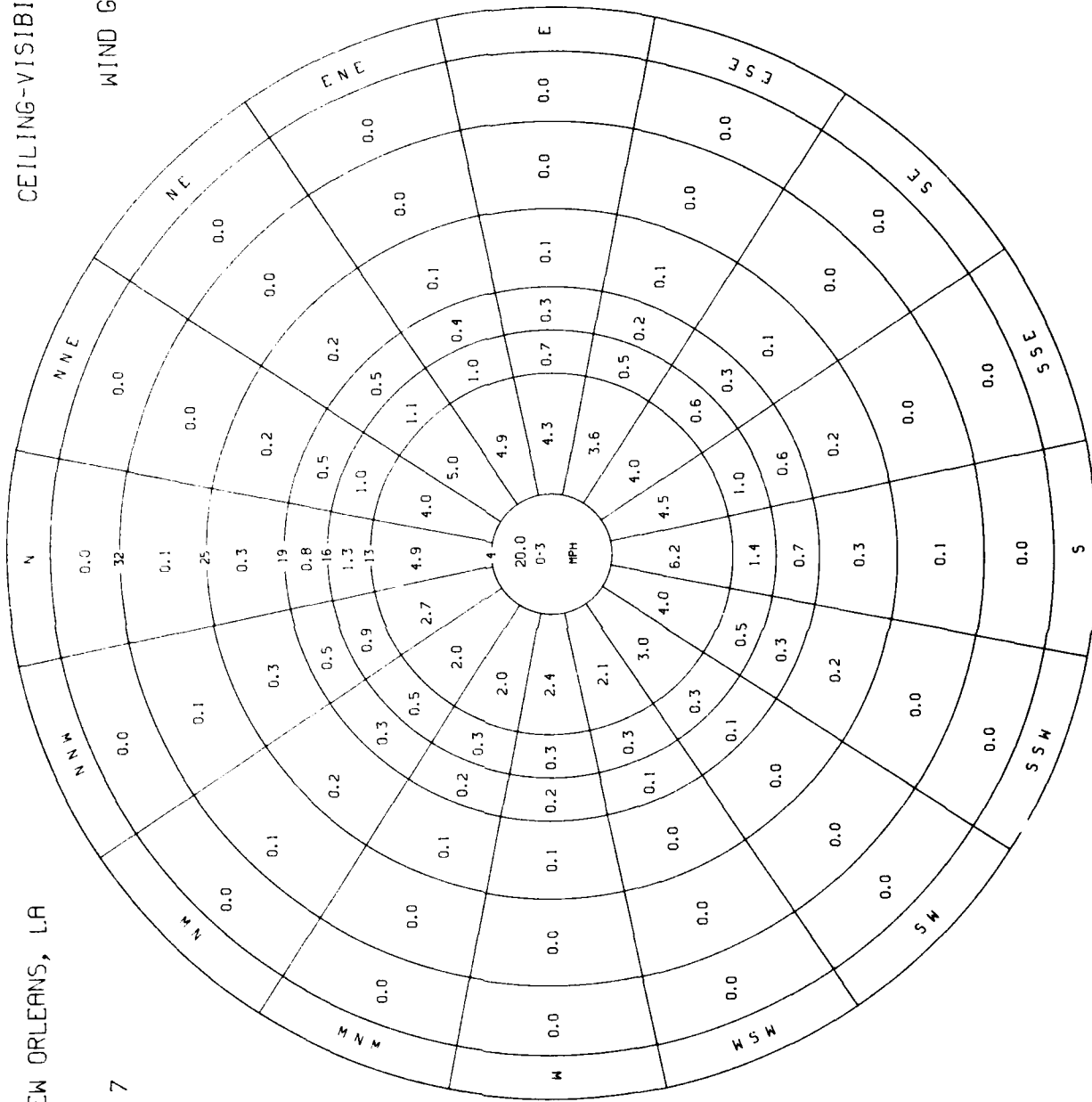
STATION NUMBER: 12916

NO. OBS.: 460

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	3.5	.0	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	4.8	
NNE	.0	1.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.5
NE	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.0
ENE	.0	2.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	4.7
E	.0	2.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	4.0
ESE	.0	1.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.5
SE	.0	1.3	.0	3.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	5.8
SSE	.0	2.0	.1	10.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.6	6.4
S	.0	2.8	.2	13.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.3	6.0
SSW	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
SW	.0	.7	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.3
WSW	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0
W	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.7
WNW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0
NNW	.0	1.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.8
CALM	.3	23.0																.3	23.0	
TOTAL	.6	47.8	.6	51.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	100	4.2

CEILING-VISIBILITY

WIND GRAPH

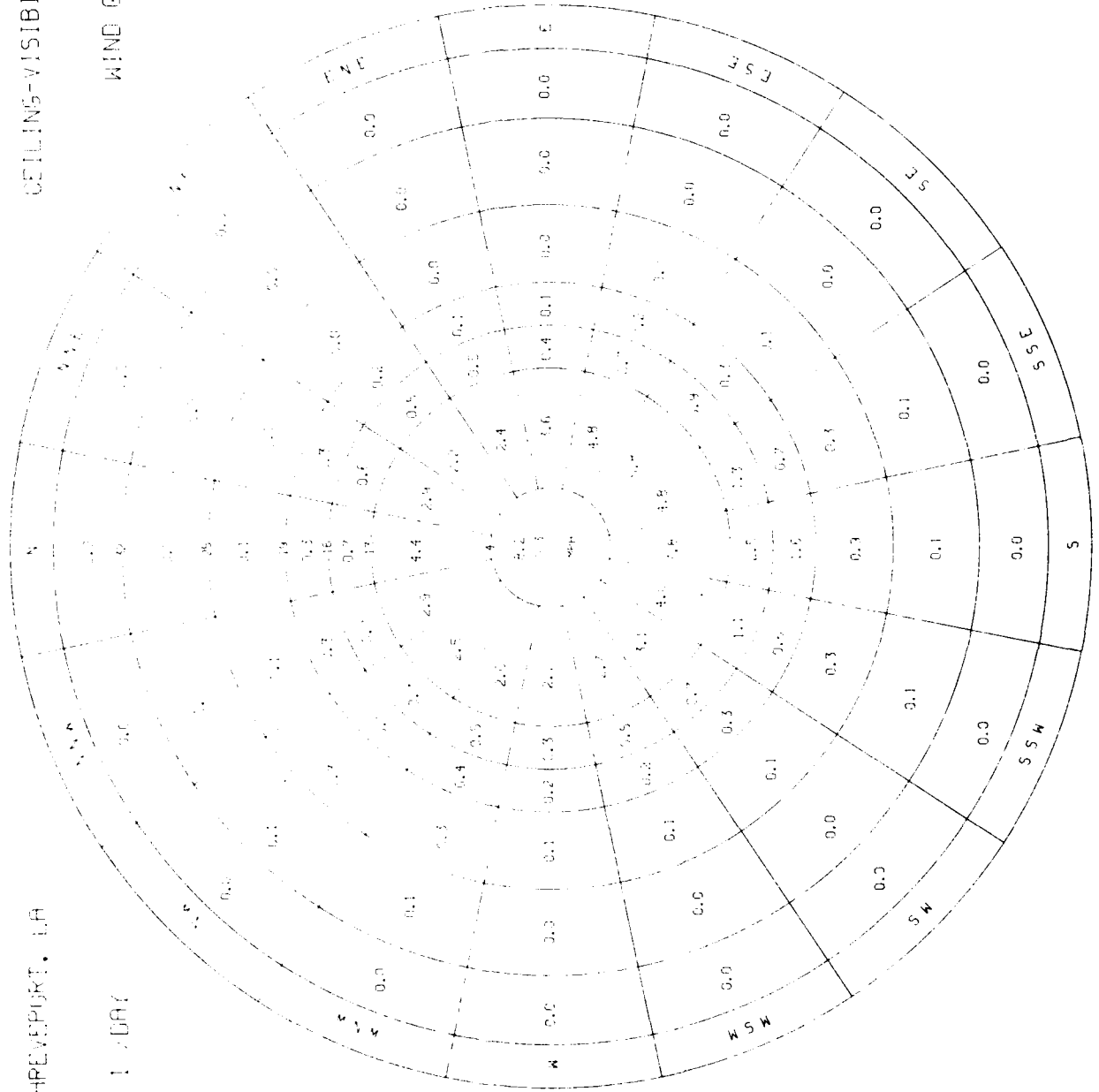


SHV AIRPORT, LA

CLASS 1 (DRY)

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 1 / DAY

NO. OBS.: 36491

STATION NUMBER: 13957

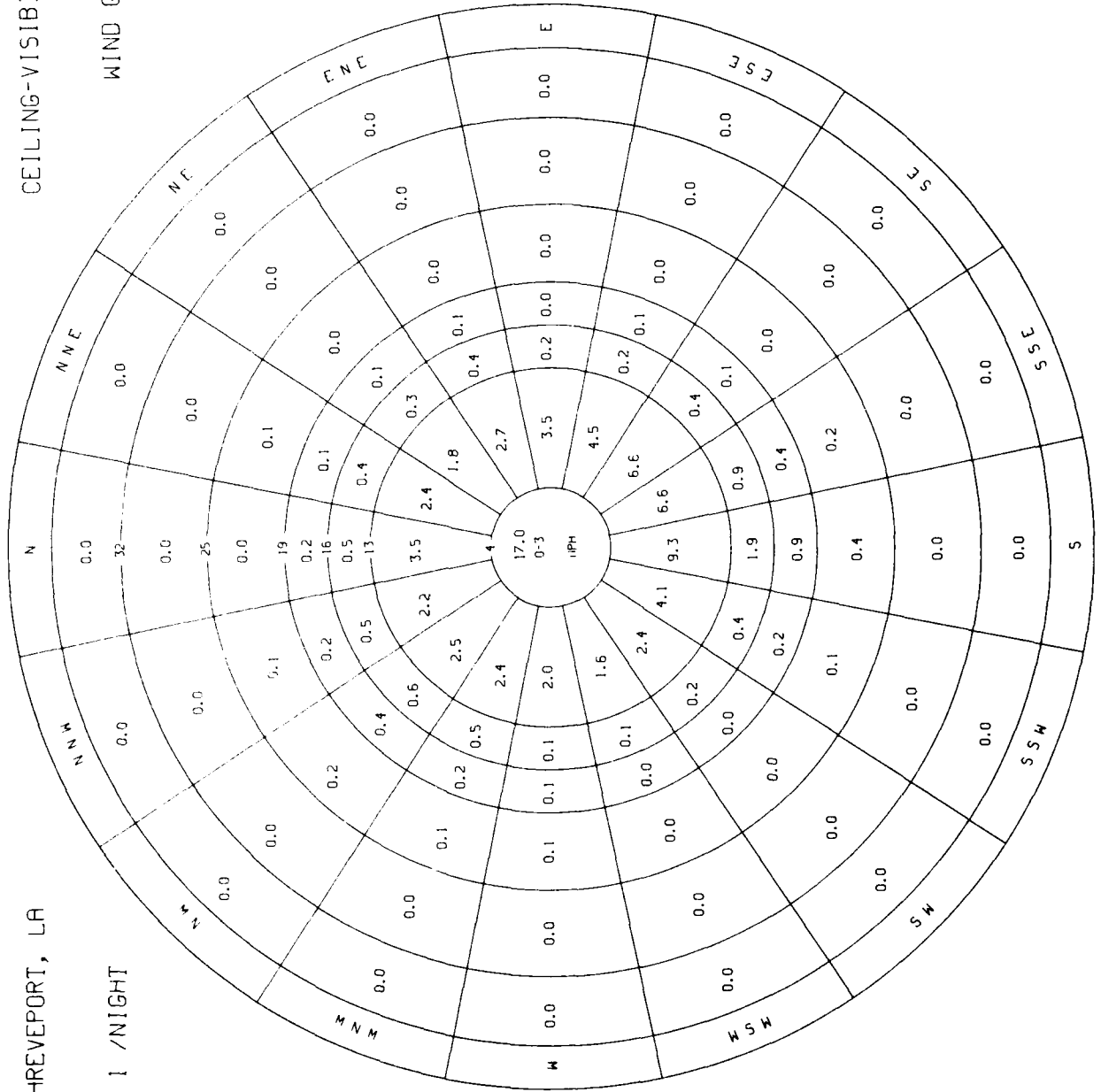
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED								
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL				
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C		A	B	C	A	B	C		
N	.3	.3	.3	4.4	4.9	.8	.7	.8	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.5	9.3
NNE	.2	.2	.2	2.9	3.3	.7	.6	.7	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	10.0
NE	.2	.2	.2	2.2	2.5	.5	.5	.5	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	9.3
ENE	.2	.2	.2	2.4	2.7	.5	.5	.5	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.7	9.2
E	.3	.4	.4	3.6	4.0	.4	.4	.5	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.0	8.5
ESE	.4	.5	.5	4.8	5.4	.7	.8	.8	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.9	8.7
SE	.6	.6	.6	5.8	6.5	.9	1.0	.9	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	8.6	8.9
SSE	.4	.5	.5	4.8	5.5	1.3	1.5	.7	.7	.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	8.6	10.4
S	.5	.5	.5	7.8	8.8	2.5	2.8	1.6	1.6	1.8	.9	1.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	15.1	11.4
SSW	.3	.3	.3	4.0	4.5	1.1	1.2	.6	.7	.7	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.2	10.8
SW	.3	.3	.3	3.1	3.5	.7	.8	.3	.3	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.1	9.7	
WSW	.3	.3	.3	2.7	3.1	.5	.6	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.4	9.6	
W	.2	.2	.2	2.1	2.3	.3	.3	.3	.2	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.4	9.7	
WNW	.2	.2	.2	2.0	2.3	.5	.6	.4	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.9	11.3	
NW	.2	.3	.3	2.5	2.8	.7	.8	.5	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.9	11.1	
NNW	.2	.3	.3	2.9	3.2	.7	.7	.3	.4	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	9.8	
CALM	.3	.4	.4	3.8																					3.4	3.8	
TOTAL	8.2	9.3	58.0	65.4	12.6	14.2	6.3	7.1	3.0	3.4	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	88.7	100	9.6

SHV SHREVEPORT, LA

CLASS 1 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

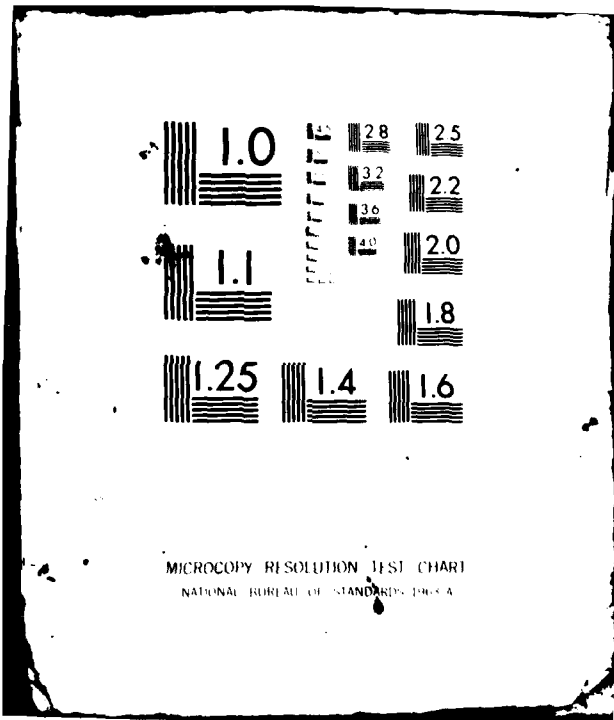
CLASS 1 / NIGHT

STATION NUMBER: 13957

NO. OBS.: 30418

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.2	.2	3.5	4.0	.5	.5	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	8.9
NNE	.1	.2	2.4	2.7	.4	.5	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.2	3.7	9.4
NE	.2	.2	1.8	2.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.8	8.7
ENE	.2	.2	2.7	3.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.8	8.6
E	.3	.4	3.5	4.0	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.7	7.6
ESE	.7	.8	4.5	5.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.2	7.0
SE	.9	1.0	6.6	7.5	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	9.2	7.3
SSE	.7	.9	6.6	7.6	.9	1.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	8.9	10.1	8.8
S	.8	.9	9.3	10.7	1.9	2.2	.9	1.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	13.3	15.2	9.7
SSW	.3	.4	4.1	4.7	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.1	5.8	8.5
SW	.3	.4	2.4	2.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.3	7.5
WSW	.3	.4	1.6	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.4	6.8
W	.4	.4	2.0	2.3	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	7.6
WNW	.2	.3	2.4	2.8	.5	.5	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	3.5	4.0	9.7
NW	.2	.2	2.5	2.9	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	3.9	4.4	10.5
NNW	.2	.2	2.2	2.6	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.3	3.8	9.7
CALM	10.9	12.4																10.9	12.4	
TOTAL	17.0	19.5	58.1	66.5	7.6	8.7	3.2	3.6	1.4	1.5	.2	.2	.0	.0	.0	.0	87.4	100	7.6	

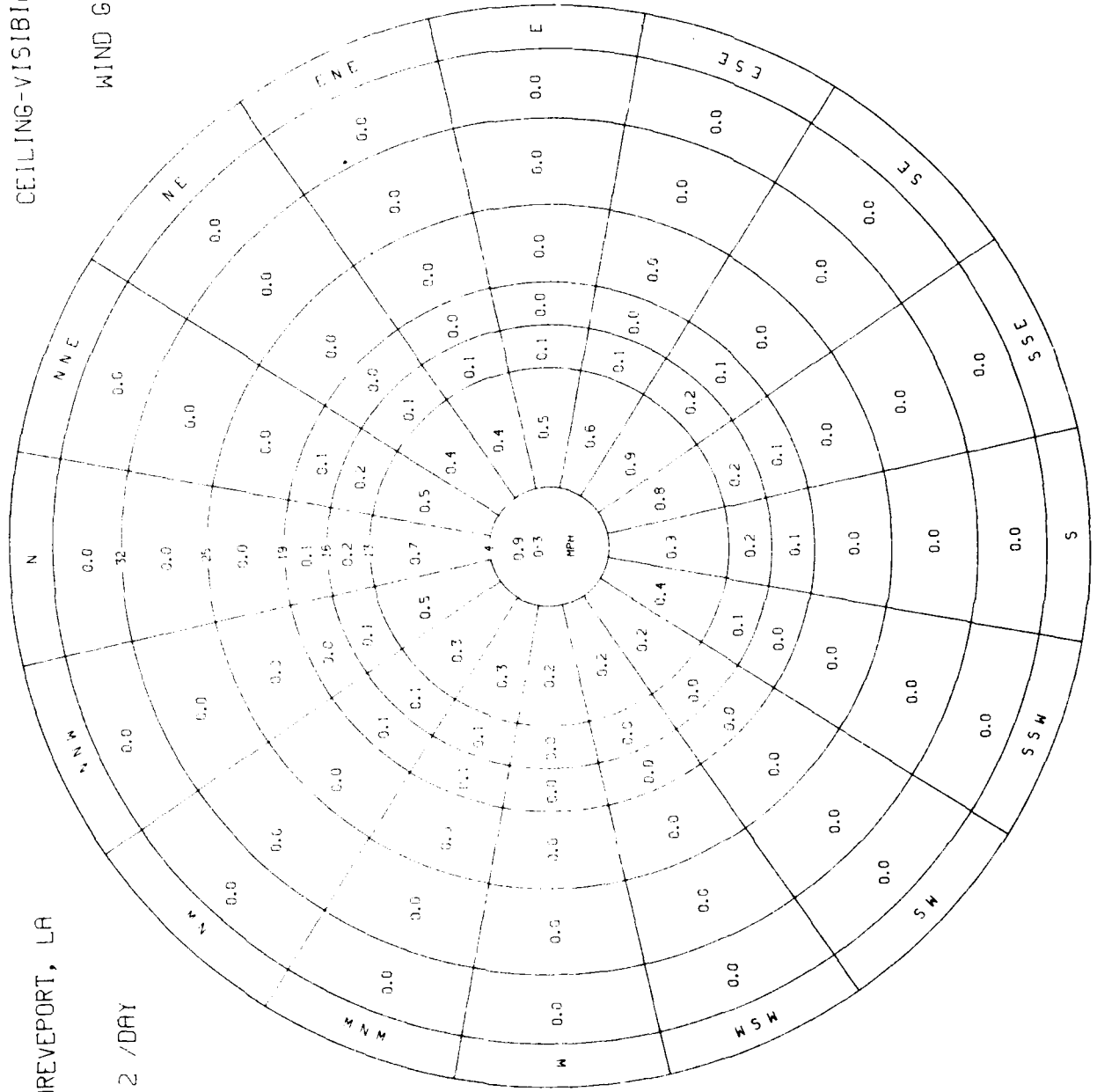




MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS: 2 / DAY

NO. OBS.: 4671

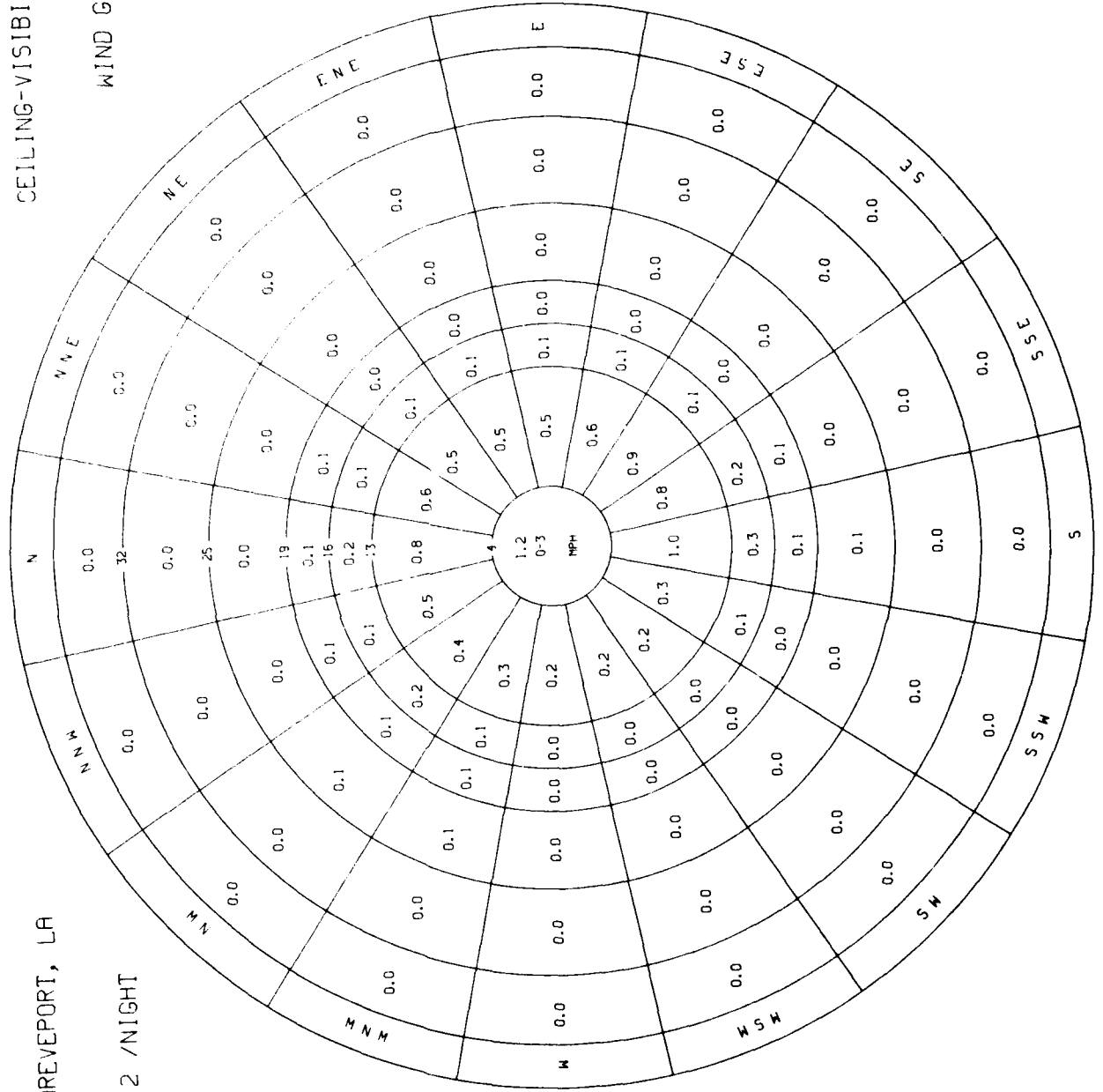
STATION NUMBER: 13957

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED						
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D		
N	.0	.3	.7	6.2	.2	1.3	.1	.7	.0	.2	.0	.0	.0	.0	.0	.0	1.0	8.8	10.2
NNE	.0	.3	.5	4.6	.2	1.5	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.8	7.3	10.8
NE	.0	.3	.4	3.5	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.0	9.6
ENE	.0	.3	.4	3.7	.1	.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.3	9.9
E	.0	.1	.5	4.3	.1	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.6	9.3
ESE	.0	.3	.6	5.2	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.8	6.8	9.0
SE	.1	.5	.9	8.3	.2	1.5	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.2	10.9	9.1
SSE	.0	.3	.8	7.2	.2	1.6	.1	.7	.0	.4	.0	.0	.0	.0	.0	.0	1.2	10.2	10.3
S	.0	.3	.9	8.0	.2	1.8	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	1.2	11.0	10.0
SSW	.0	.2	.4	3.2	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.2	9.3
SW	.0	.1	.2	1.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	8.8
WSW	.0	.1	.2	1.4	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.7	9.3
W	.0	.1	.2	1.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.4	10.1
WNW	.0	.1	.3	2.4	.1	.7	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.5	4.1	11.9
NW	.0	.2	.3	3.0	.1	1.2	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.6	5.2	11.2
NNW	.0	.1	.5	4.1	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.7	10.1
CALM	.4	3.8																	
TOTAL	.9	7.6	7.7	68.2	1.7	15.1	.7	6.4	.3	2.4	.0	.3	.0	.0	.0	.0	11.3	100	9.6

SHV SHREVEPORT, LA

CLASS 2 / NIGHT

CEILING-VISIBILITY  
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 2 / NIGHT

STATION NUMBER: 13957

NO. OBS.: 4394

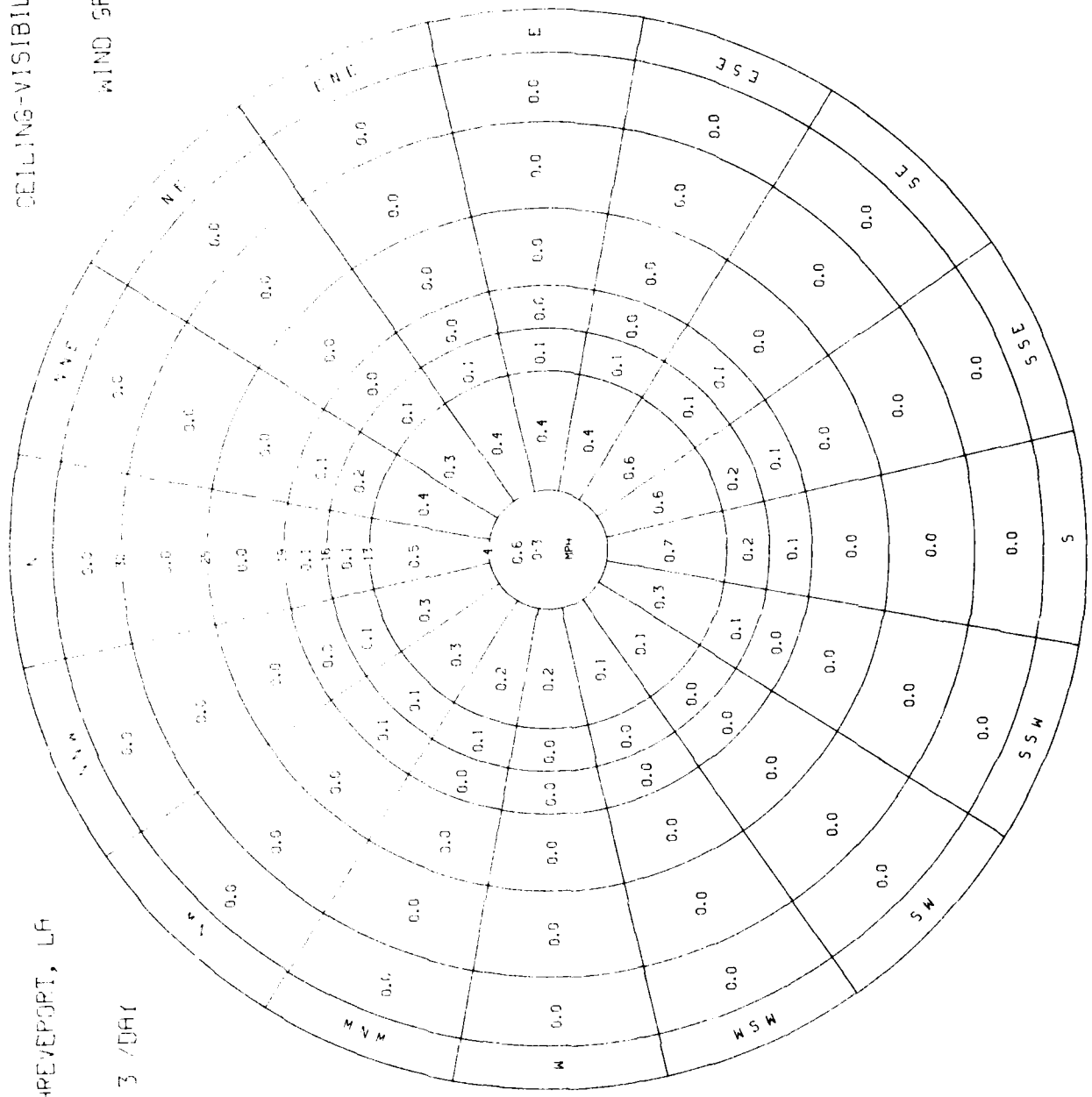
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.4	.8	6.7	.2	1.5	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	1.2	9.5	9.8
NNE	.0	.2	.6	5.1	.1	1.2	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.9	7.3	10.4
NE	.0	.2	.5	3.7	.1	.8	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.7	5.2	10.0
ENE	.0	.3	.5	3.8	.1	.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.6	5.1	9.8
E	.0	.3	.5	3.8	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.8	8.4
ESE	.1	.4	.6	4.4	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.7	5.6	8.5
SE	.1	.8	.9	6.9	.1	1.1	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	1.2	9.1	8.6
SSE	.1	.4	.8	6.4	.2	1.9	.1	.9	.0	.3	.0	.0	.0	.0	.0	.0	1.3	10.0	10.4
S	.0	.2	1.0	8.1	.3	2.3	.1	.8	.1	.5	.0	.0	.0	.0	.0	.0	1.5	11.9	10.5
SSW	.0	.1	.3	2.5	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.4	10.0
SW	.0	.3	.2	1.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.1	8.6
WSW	.0	.1	.2	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	8.7
W	.0	.2	.2	1.4	.0	.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	2.2	10.3
WNW	.0	.2	.3	2.0	.1	1.1	.1	.5	.1	.5	.0	.1	.0	.0	.0	.0	.6	4.6	12.5
NW	.0	.2	.4	3.3	.2	1.4	.1	1.0	.1	.5	.0	.0	.0	.0	.0	.0	.8	6.5	12.0
NNW	.1	.4	.5	4.3	.1	.8	.1	.6	.0	.2	.0	.0	.0	.0	.0	.0	.8	6.3	9.8
CALM	.6	4.8															.6	4.8	
TOTAL	1.2	9.5	8.2	65.2	1.9	15.0	.9	6.9	.4	2.9	.1	.4	.0	.0	.1	12.6	100	9.5	

CEILING-VISIBILITY

WIND GRAPH

SHV SHREVEPORT, LA

CLASS 3 / DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: HW AIRPORT, LA

CLASS: 3 / DAY

NO. OBS.: 3739

STATION NUMBER: 13457

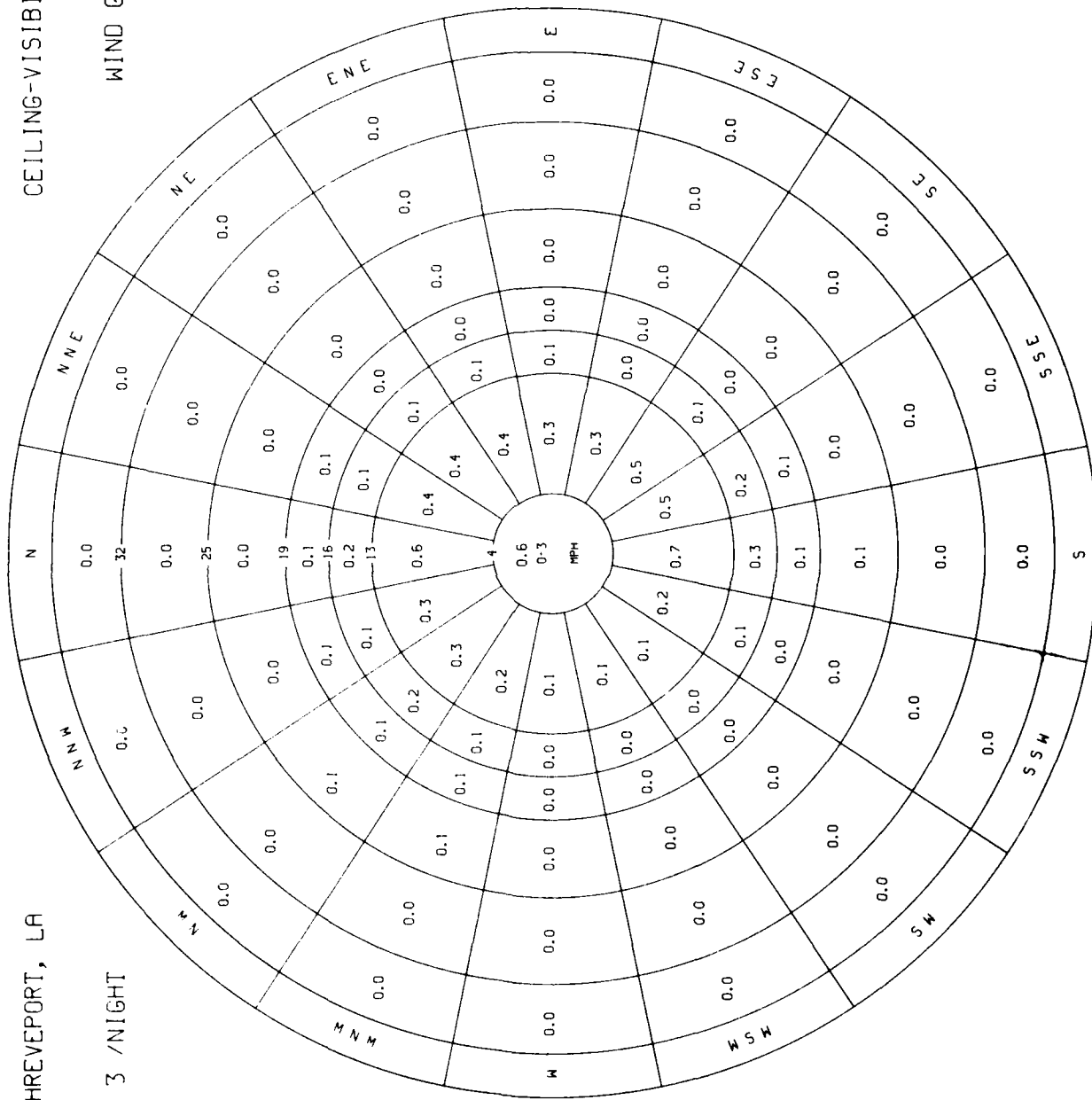
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.5	6.0	.1	1.5	.1	.8	.0	.2	.0	.0	.0	.0	.8	8.8	10.5		
NNE	.0	.3	.4	4.6	.2	1.8	.1	.7	.0	.4	.0	.0	.0	.0	.7	7.7	11.2		
NE	.0	.2	.3	3.5	.1	1.0	.0	.3	.0	.1	.0	.0	.0	.0	.5	5.1	10.0		
ENE	.0	.2	.4	4.1	.1	1.1	.0	.3	.0	.1	.0	.0	.0	.0	.5	5.9	10.2		
E	.0	.2	.4	4.4	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.5	6.0	9.7		
ESE	.0	.2	.4	4.7	.1	.7	.0	.5	.0	.2	.0	.0	.0	.0	.6	6.3	9.4		
SE	.0	.3	.6	7.1	.1	1.6	.1	.6	.0	.2	.0	.0	.0	.0	.9	9.8	9.6		
SSE	.0	.3	.6	6.4	.2	1.8	.1	.8	.0	.5	.0	.0	.0	.0	.9	9.8	10.9		
S	.0	.3	.7	7.8	.2	2.2	.1	.9	.0	.1	.0	.1	.0	.0	1.0	11.4	10.4		
SSW	.0	.1	.3	3.2	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.3	9.9		
SW	.0	.1	.1	1.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.1	9.2		
WSW	.0	.1	.1	1.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.6	9.0		
W	.0	.2	.2	1.8	.0	.2	.0	.3	.0	.1	.0	.1	.0	.0	.2	2.6	10.2		
WNW	.0	.1	.2	2.5	.1	.9	.0	.5	.0	.3	.0	.1	.0	.0	.4	4.3	12.0		
NW	.0	.3	.3	3.0	.1	1.4	.1	.7	.0	.3	.0	.0	.0	.0	.5	5.6	11.6		
NNW	.0	.1	.3	3.8	.1	1.1	.0	.5	.0	.1	.0	.1	.0	.0	.5	5.6	10.6		
CALM	.3	3.2													.3	3.2			
TOTAL	.6	6.4	6.0	65.8	1.6	17.2	.7	7.5	.2	2.7	.0	.3	.0	.0	9.1	100	10.0		

SHV SHREVEPORT, LA

CLASS 3 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

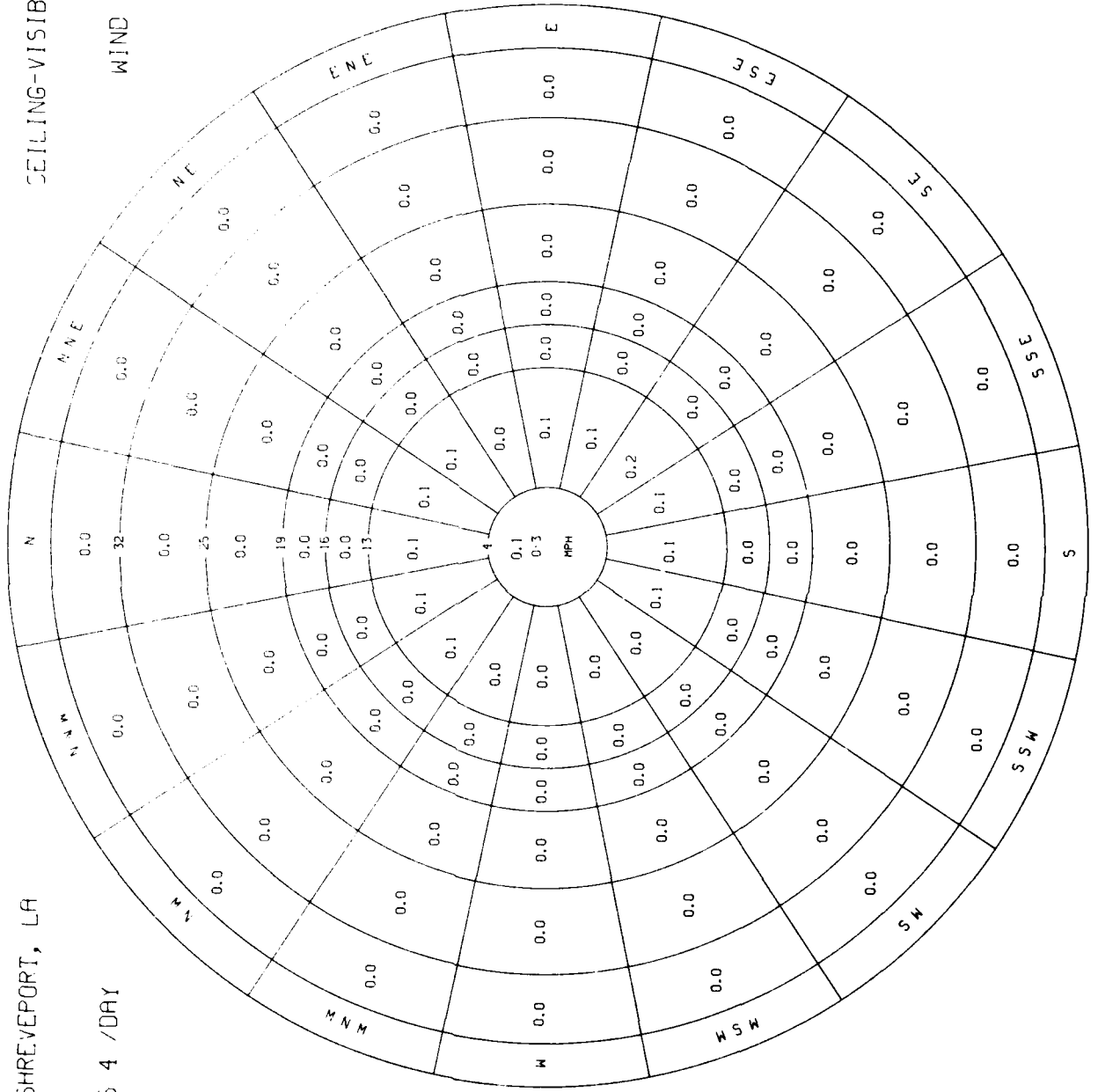
CLASS 3 / NIGHT

NO. OBS.: 3108

STATION NUMBER: 13957

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.6	6.2	.2	1.8	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.8	9.5	10.5	
NNE	.0	.2	.4	4.8	.1	1.5	.1	.7	.0	.2	.0	.1	.0	.0	.0	.7	7.6	11.1	
NE	.0	.2	.4	4.0	.1	1.0	.0	.5	.0	.1	.0	.0	.0	.0	.0	.5	5.8	10.4	
ENE	.0	.2	.4	4.2	.1	.8	.0	.4	.0	.2	.0	.0	.0	.0	.0	.5	5.7	10.4	
E	.0	.2	.3	3.6	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	4.8	9.1	
ESE	.0	.3	.3	3.7	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.7	8.4	9.5	
SE	.0	.5	.5	5.9	.1	1.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.9	10.2	11.5	
SSE	.0	.2	.5	5.8	.2	2.6	.1	1.3	.0	.4	.0	.0	.0	.0	.0	1.1	12.7	11.3	
S	.0	.1	.7	7.8	.3	3.0	.1	1.1	.1	.6	.0	.1	.0	.0	.0	.3	3.7	10.9	
SSW	.0	.1	.2	2.5	.1	.6	.0	.4	.0	.1	.0	.1	.0	.0	.0	.2	1.9	9.8	
SW	.0	.1	.1	1.3	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1	1.5	9.6	
WSW	.0	.1	.1	1.1	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.2	2.2	10.5	
W	.0	.1	.1	1.4	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.2	2.2	10.5	
WNW	.0	.2	.2	1.9	.1	1.4	.1	.7	.1	.7	.0	.1	.0	.0	.0	.5	5.1	13.4	
NW	.0	.2	.3	3.2	.2	1.8	.1	1.4	.1	.6	.0	.0	.0	.0	.0	.7	7.3	12.6	
NNW	.0	.3	.3	3.7	.1	.9	.1	.7	.0	.2	.0	.0	.0	.0	.0	.5	5.8	10.6	
CALM	.3	3.0																	
TOTAL	.6	6.3	5.4	61.0	1.7	18.9	.8	9.1	.3	3.9	.1	.6	.0	.1	.0	8.9	10.0	10.5	

SHV SHREVEPORT, LA  
 CLASS 4 /DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 4 / DAY

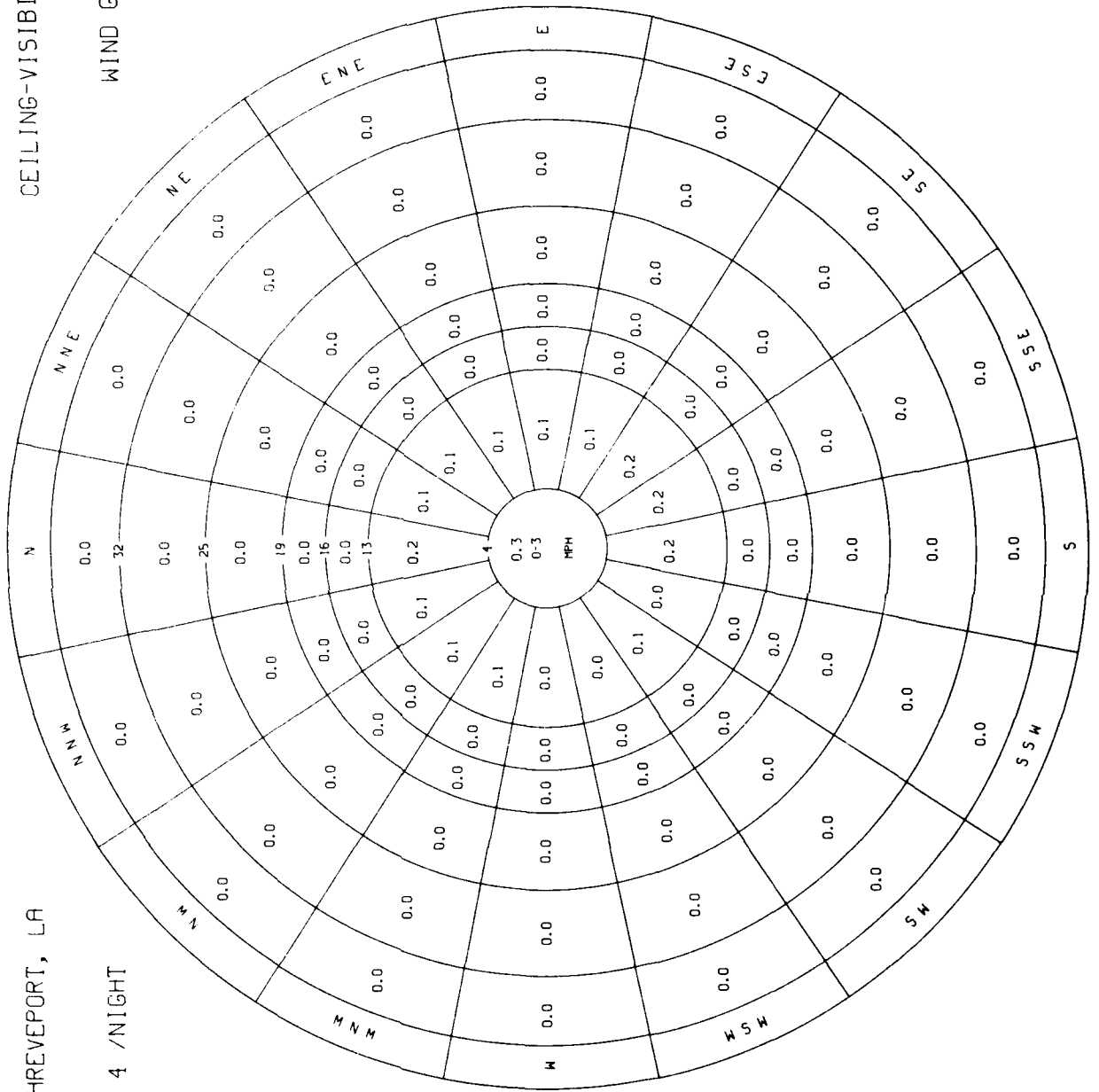
STATION NUMBER: 13957

NO. OBS.: 654

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED					
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D	
N	.0	.5	.1	7.5	.0	1.1	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.2	9.8
NNE	.0	.0	.1	5.2	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.1
NE	.0	.3	.1	3.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6
ENE	.0	.6	.0	2.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5
E	.0	.0	.1	4.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9
ESE	.0	.6	.1	6.7	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7
SE	.0	.9	.2	12.7	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	15.1
SSE	.0	.3	.1	9.2	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.3
S	.0	.3	.1	8.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	8.6
SSW	.0	.3	.1	3.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.7
WSW	.0	.2	.0	1.7	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.1
W	.0	.0	.0	.8	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.4
WNW	.0	.3	.0	2.1	.0	.2	.0	.6	.0	.5	.0	.2	.0	.0	.0	.0	.1	3.8
NW	.0	.0	.1	3.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8
NNW	.0	.2	.1	6.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.2
CALM	.1	3.2															.1	3.2
TOTAL	.1	7.6	1.3	79.5	.1	8.3	.0	3.1	.0	1.2	.0	.3	.0	.0	.0	1.6	100	8.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 4 / NIGHT

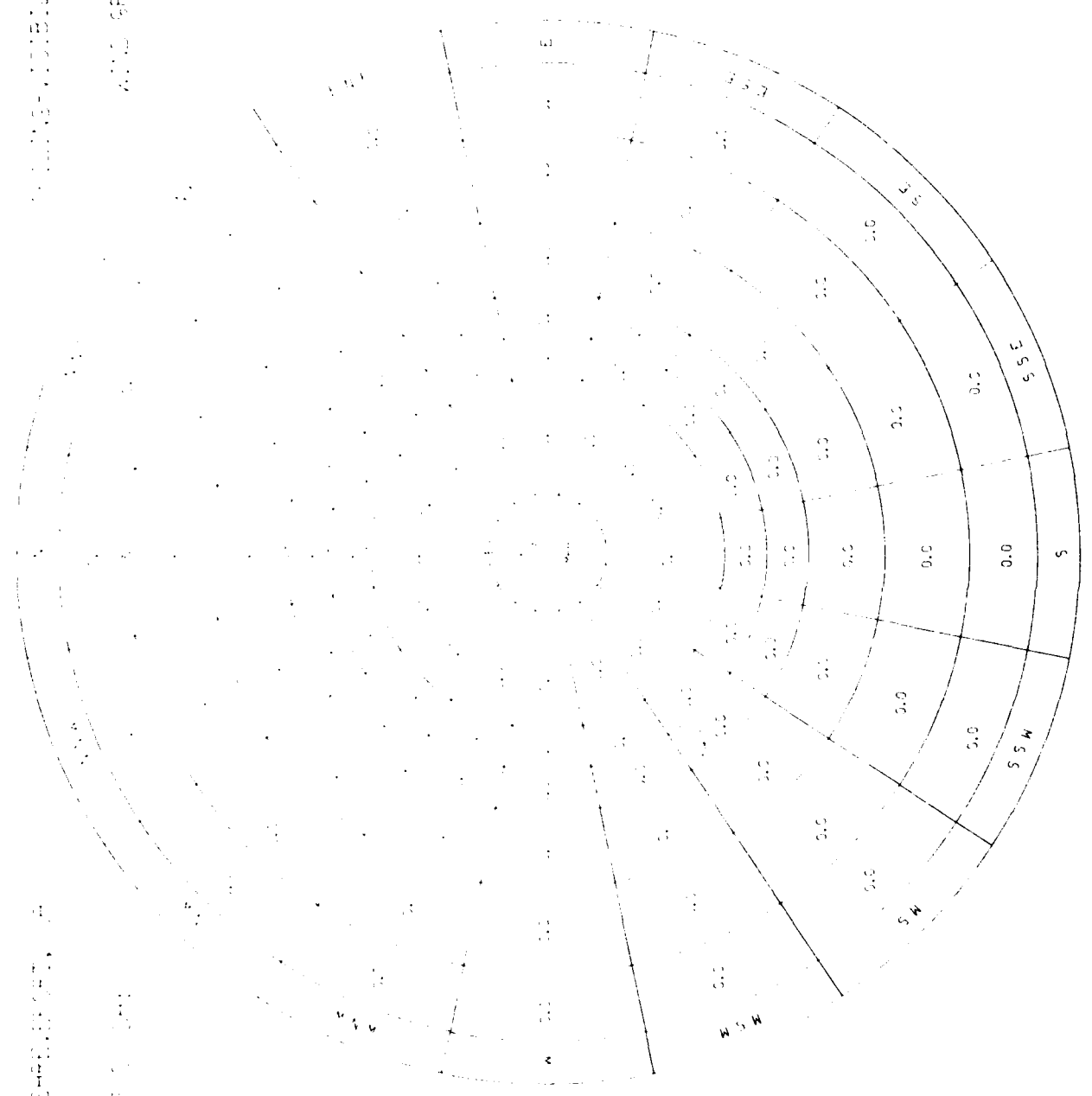
STATION NUMBER: 13957

NO. OBS.: 734

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.8	.2	8.7	.0	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.0	8.5
NNE	.0	.3	.1	6.5	.0	.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.8	9.0
NE	.0	.1	.1	4.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	9.0
ENE	.0	.5	.1	3.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	8.1
E	.0	.3	.1	4.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	7.3
ESE	.0	.1	.1	6.3	.0	1.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	7.6	8.6
SE	.0	1.1	.2	7.6	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.1	7.2
SSE	.0	.7	.2	7.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.3	7.9
S	.0	.1	.2	7.4	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	8.0	8.6
SSW	.0	.3	.0	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	7.3
SW	.0	.7	.1	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	6.5
WSW	.0	.3	.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.1
W	.0	.1	.0	1.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.8	8.9
WNW	.0	.1	.1	2.6	.0	.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.5	9.7
NW	.0	.3	.1	4.2	.0	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	5.7	10.3
NNW	.0	.4	.1	6.0	.0	1.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.8	9.5
CALM	.1	5.7															.1	5.7	
TOTAL	.3	12.0	1.6	77.1	.2	7.6	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.1	2.1	100	7.9

STABILITY

AND SPREAD



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: HANSEN REPORT, CA

PERIOD: 1953-1978

CLASS: 7 DAY

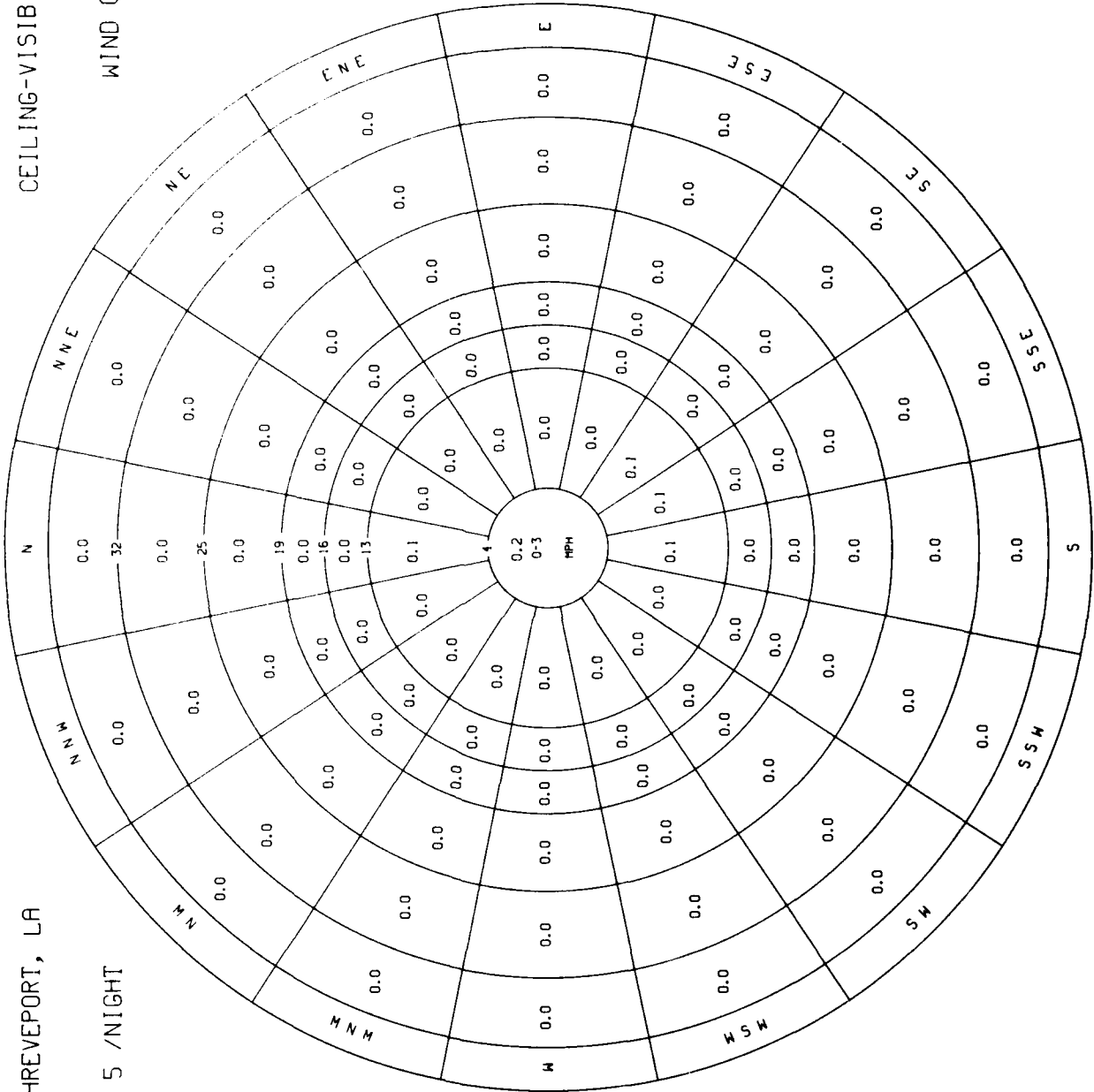
STATION NUMBER: 13957

NO. OBS.: 159

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED						
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL		
	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D		A	B	D	C	D	
N	.0	.6	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.1	
NNE	.0	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.6	
NE	.0	1.3	.0	.0	4.4	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.8	
ENE	.0	.6	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.3	
E	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	9.2	
ESE	.0	.6	.0	.0	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	7.1	
SE	.0	1.9	.0	.1	15.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	17.6	7.1	
SSE	.0	.0	.0	.0	10.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	7.7	
S	.0	.0	.0	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	7.3	
SSW	.0	1.3	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.1	
SW	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.5	
WSW	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	3.1	17.8	
W	.0	.0	.0	.0	1.3	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	9.3	
WNW	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.8	
NW	.0	.0	.0	.0	2.5	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.8	
NNW	.0	.6	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.4	
CALM	.0	10.7	.0																					.0	10.7
TOTAL	.1	17.6	.0	3	78.6	.0	.0	1.9	.0	.0	.6	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.4	10.7	6.8	

SHV SHREVEPORT, LA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SHV SHREVEPORT, LA

PERIOD: 1953-1978

CLASS 5 / NIGHT

STATION NUMBER: 13957

NO. OBS.: 317

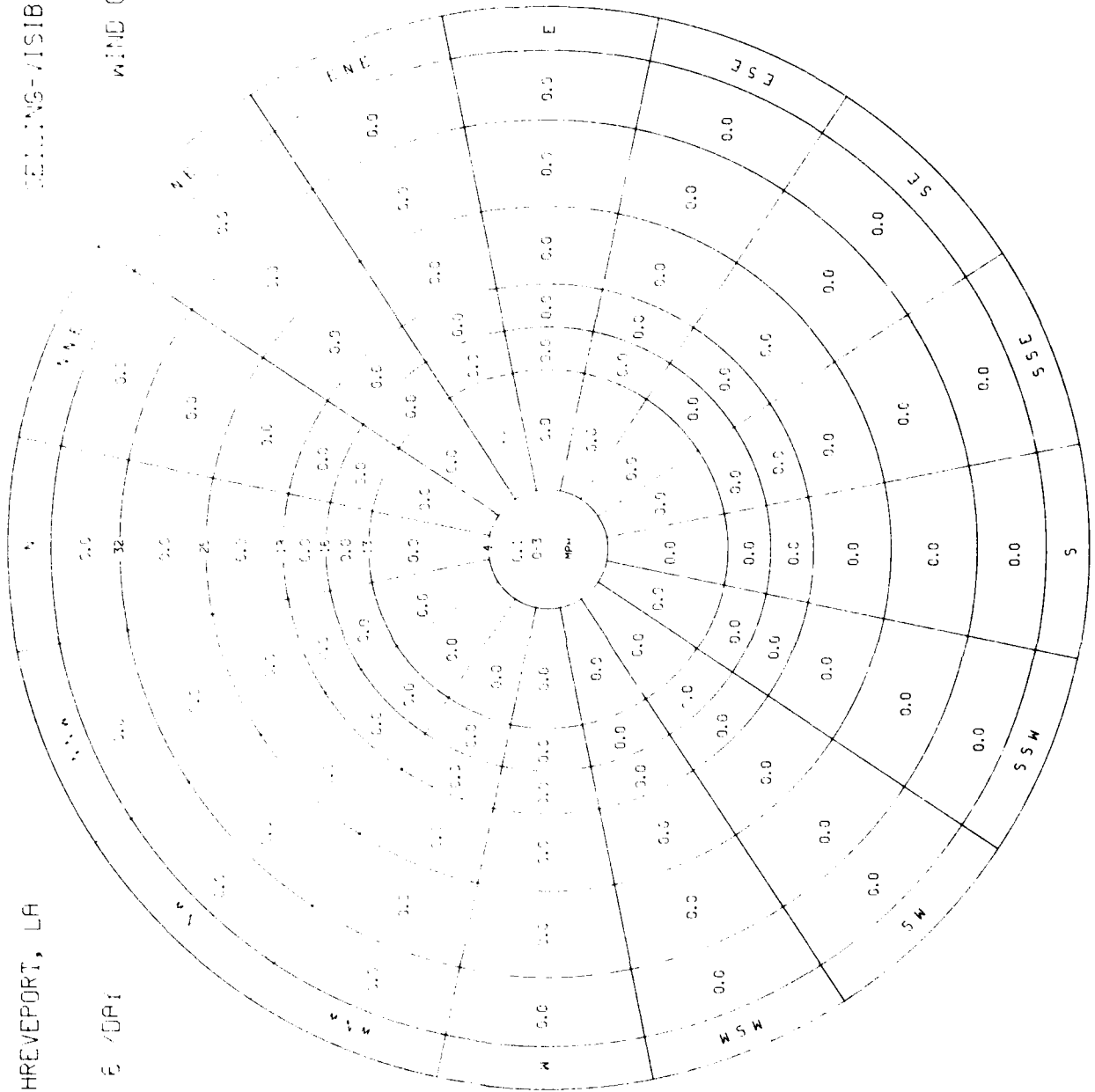
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	8.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	7.3
NNE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.8
NE	.0	.6	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.2
ENE	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0
E	.0	.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.5
ESE	.0	1.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	5.8
SE	.0	1.6	.1	11.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.2	6.8
SSE	.0	.9	.1	7.6	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	8.8	7.2
S	.0	.3	.1	10.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.0	7.6
SSW	.0	.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.1
SW	.0	.3	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.7
WSW	.0	.0	.0	3.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.5
W	.0	.3	.0	1.9	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.5
WNW	.0	.0	.0	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.4
NW	.0	.0	.0	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.4
NNW	.0	.9	.0	5.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.8
CALM	.1	12.9															.1	12.9	
TOTAL	.2	21.8	.7	74.1	.0	3.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.9	100	6.2

SHV SHREVEPORT, LA

WINDING-VISIBILITY

CLASS E / DRI

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 6 / DAY

NO. OBS.: 119

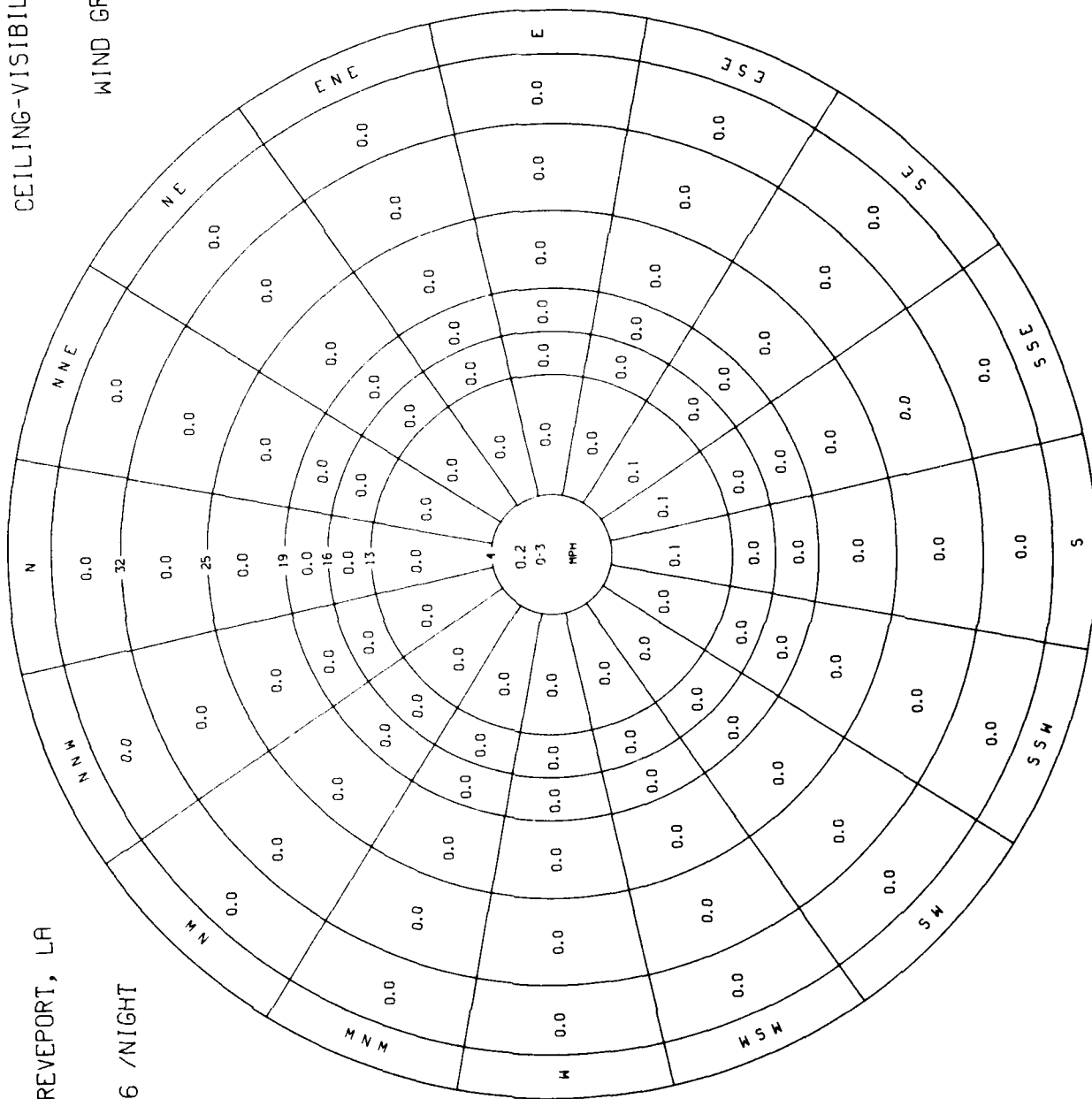
STATION NUMBER: 13957

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.8	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	6.7		
NNE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.7		
NE	.0	1.7	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.3		
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
E	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0		
ESE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.8		
SE	.0	2.5	.0	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	6.1		
SSE	.0	1.7	.0	16.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	18.5	6.2		
S	.0	1.7	.0	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	7.1		
SSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0		
SW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.3		
WSW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0		
W	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0		
WNW	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.0		
NW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.3		
NNW	.0	.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.4		
CALM	.1	18.5													.1	18.5			
TOTAL	.1	31.1	.2	67.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	5.1		

CEILING-VISIBILITY  
WIND GRAPH

SHV SHREVEPORT, LA

CLASS 6 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1953-1978

STATION NAME: SHV SHREVEPORT, LA

CLASS 6 / NIGHT

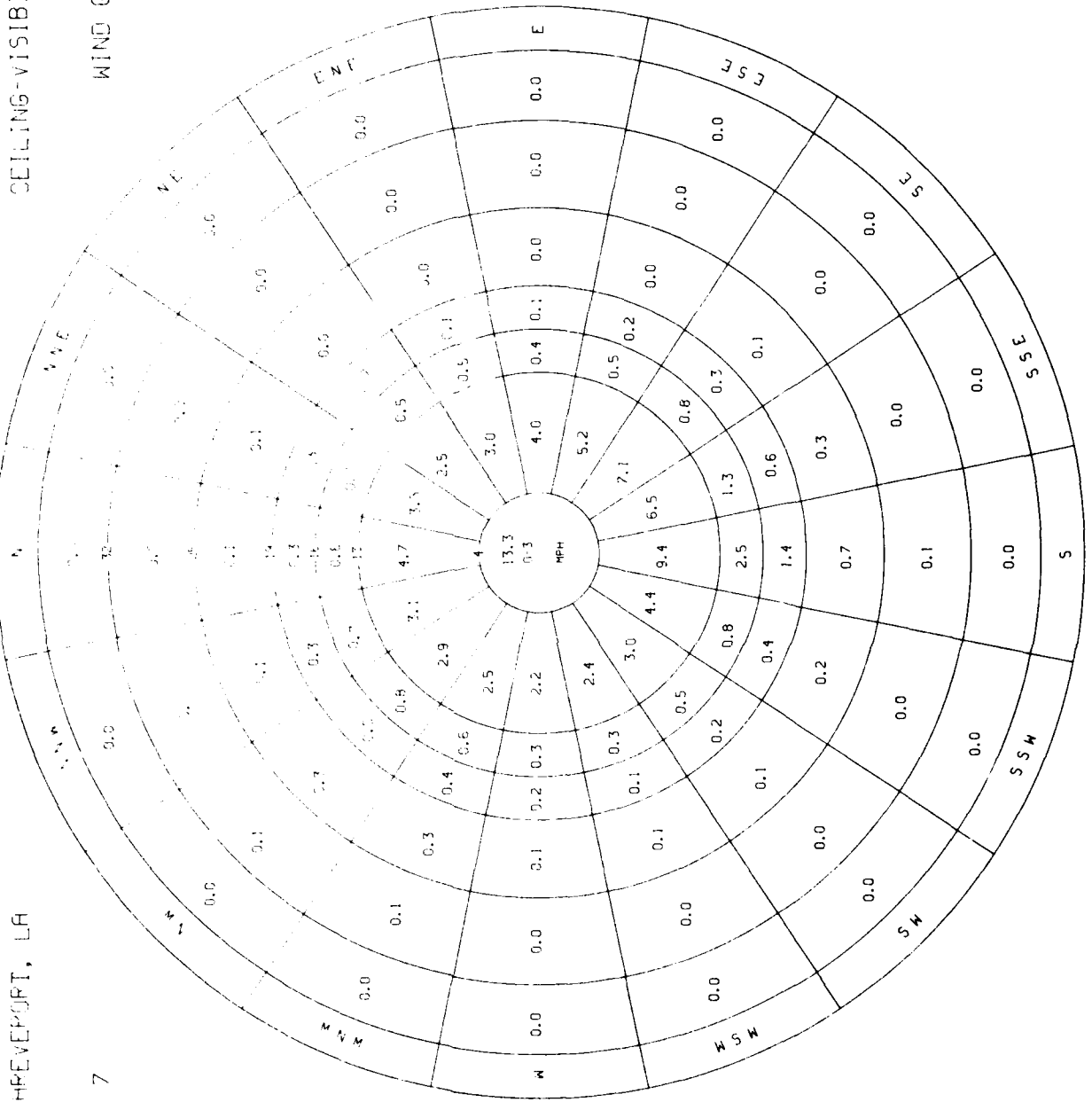
NO. OBS.: 235

STATION NUMBER: 13957

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.1		
NNE	.0	.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.5		
NE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.4		
ENE	.0	.0	.0	2.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.8		
E	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	8.1	7.3		
ESE	.0	1.3	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.6	6.3		
SE	.0	1.7	.1	11.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	6.8		
SSE	.0	1.7	.1	8.5	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	13.2	6.4		
S	.0	2.1	.1	10.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.4		
SSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0		
SW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.6		
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	13.3		
W	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0		
WNW	.0	.9	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	5.5		
NW	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5	5.6		
NNW	.0	1.3	.0	6.4	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.4				
CALM	.1	14.5																	
TOTAL	.2	26.4	.5	71.5	.0	.9	.0	.9	.0	.9	.0	.0	.0	.0	.4	.7	100	5.6	

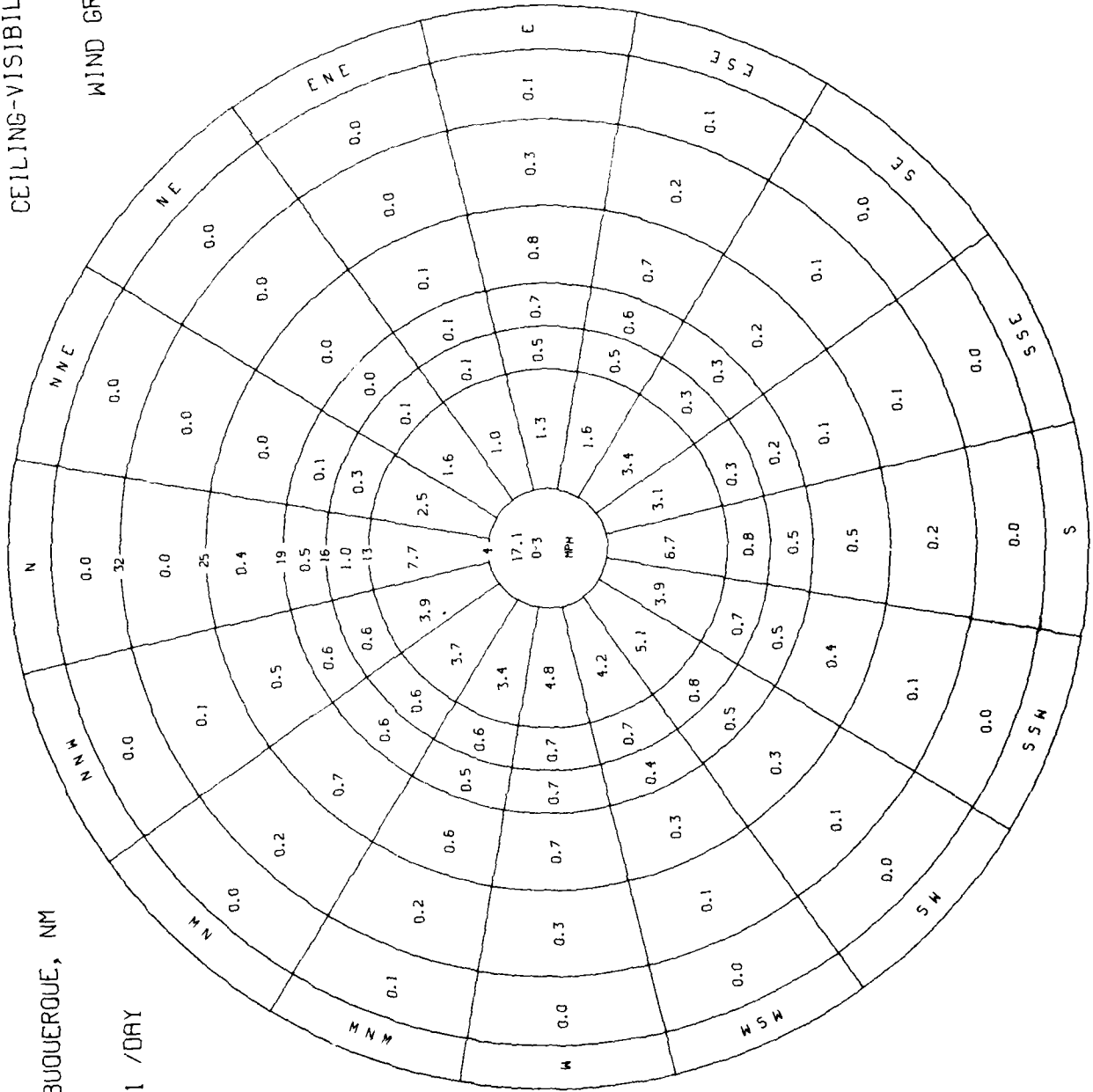
SHV SHREVEPORT, LA

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



ABO ALBUQUERQUE, NM

CLASS 1 /DAY

PRECEDING PAGE BLANK NOT BE

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABO ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 1 / DAY

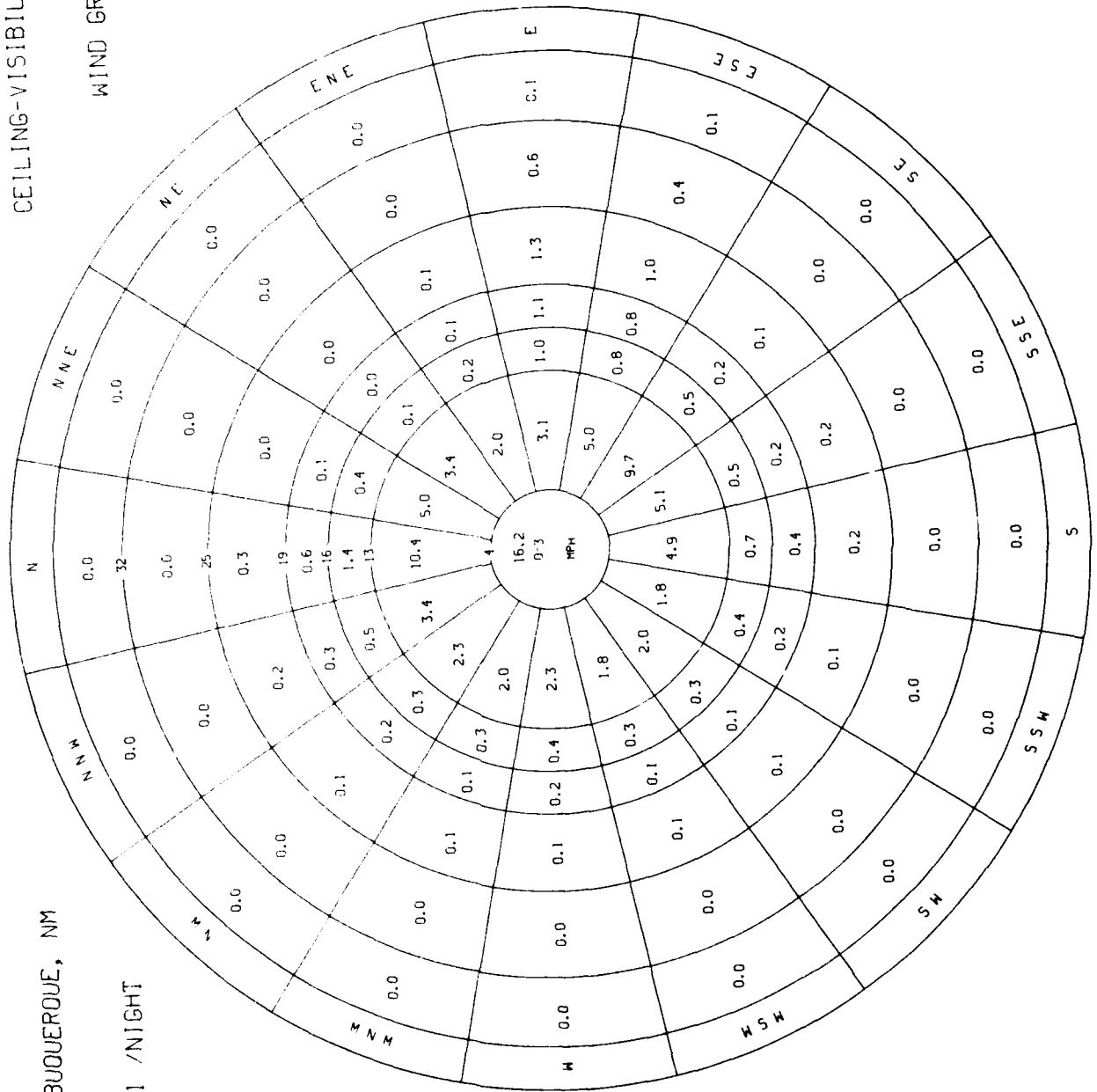
STATION NUMBER: 23050

NO. OBS.: 46899

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	1.4	1.4	7.7	7.8	1.0	1.0	.5	.5	.4	.4	.0	.0	.0	.0	.0	.0	11.0	11.2	8.7
NNE	.7	.7	2.5	2.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.6	7.5
NE	.6	.6	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4	6.4
ENE	.4	.4	1.0	1.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.6	1.6	7.8
E	.4	.4	1.3	1.4	.5	.5	.7	.7	.8	.8	.3	.3	.1	.1	.1	.1	4.1	4.1	13.8
ESE	.5	.5	1.6	1.6	.5	.5	.6	.6	.7	.7	.2	.2	.1	.1	.1	.1	4.1	4.1	12.7
SE	1.1	1.1	3.4	3.4	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	5.3	5.3	7.9
SSE	.7	.7	3.1	3.2	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	4.5	4.6	8.4
S	1.5	1.6	6.7	6.7	.8	.8	.5	.6	.5	.5	.2	.2	.0	.0	.0	.0	10.2	10.4	9.0
SSW	.7	.7	3.9	4.0	.7	.7	.5	.5	.4	.4	.1	.1	.0	.0	.0	.0	6.3	6.4	10.0
SW	1.1	1.1	5.1	5.1	.8	.8	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	7.9	8.0	9.2
WSW	.9	.9	4.2	4.3	.7	.7	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	6.5	6.6	9.2
W	1.4	1.4	4.8	4.8	.7	.7	.7	.7	.7	.7	.3	.3	.0	.0	.0	.0	8.5	8.7	9.9
WNW	.9	.9	3.4	3.4	.6	.6	.5	.5	.6	.6	.2	.2	.1	.1	.1	.1	6.2	6.3	10.5
NW	1.2	1.2	3.7	3.7	.6	.6	.6	.6	.7	.7	.2	.2	.0	.0	.0	.0	7.0	7.1	10.1
NNW	.8	.8	3.9	4.0	.6	.7	.6	.6	.5	.5	.1	.1	.0	.0	.0	.0	6.6	6.7	9.8
CALM	2.9	3.0															2.9	3.0	
TOTAL	17.1	17.3	57.9	58.6	8.6	8.7	6.6	6.7	6.1	6.2	2.0	2.0	.4	.4	.4	98.7	100	9.2	

CEILING-VISIBILITY

WIND GRAPH



ABO ALBUQUERQUE, NM

CLASS 1 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABQ ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 1 / NIGHT

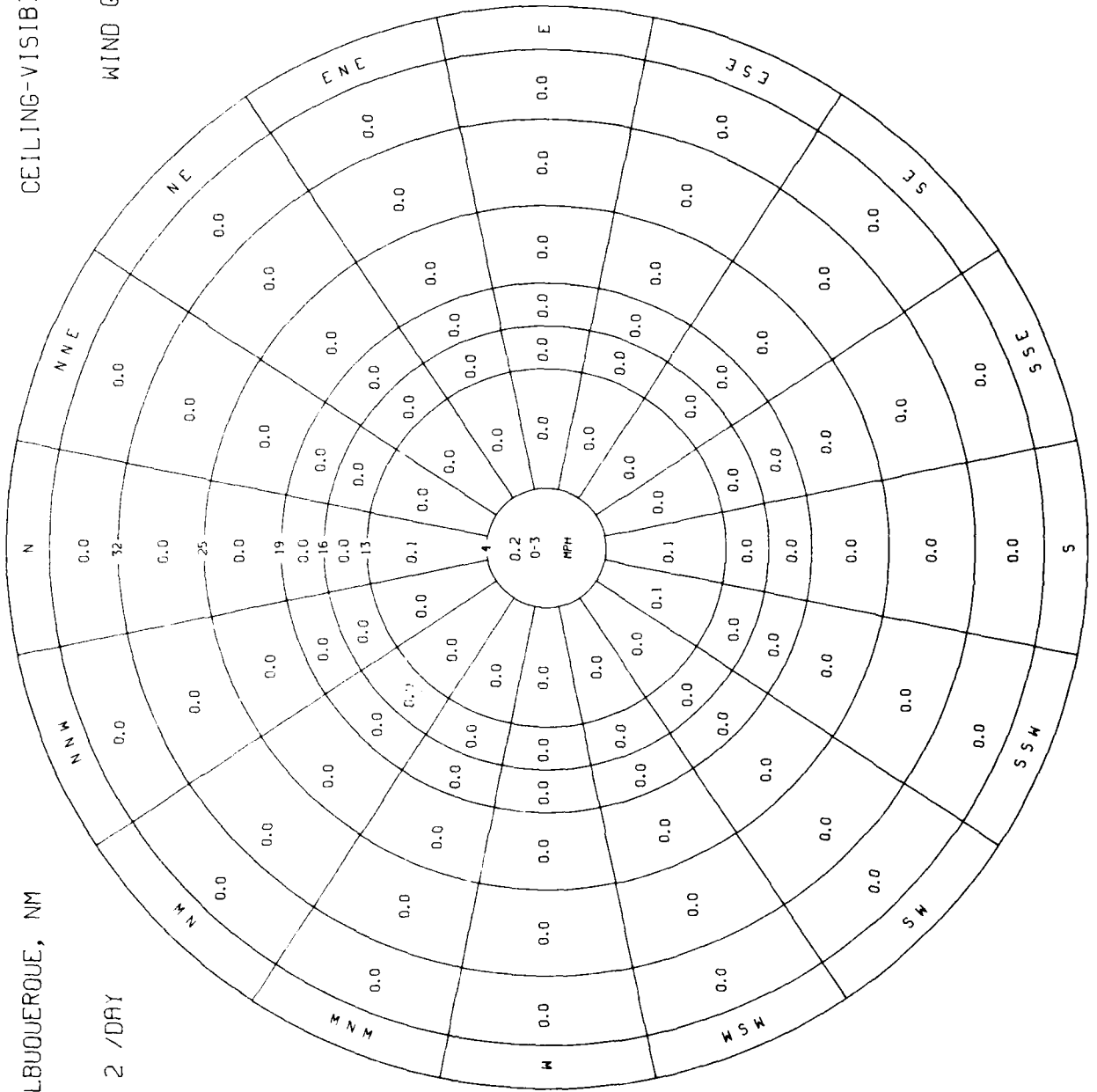
STATION NUMBER: 23050

NO. OBS.: 39677

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	1.4	1.4	10.4	10.6	1.4	1.4	.6	.6	.3	.3	.0	.0	.0	.0	.0	.0	14.1	14.3	8.7
NE	.8	.8	5.0	5.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.4	7.8
ENE	.9	.9	3.4	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.5	6.6
E	.5	.5	2.0	2.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.0	7.8
ESE	.9	.9	3.1	3.1	1.0	1.0	1.1	1.1	1.3	1.3	.6	.6	.1	.1	.1	.1	8.0	8.1	13.3
SE	1.0	1.0	5.0	5.1	.8	.8	.8	.9	1.0	1.1	.4	.4	.1	.1	.1	.1	9.1	9.2	11.0
SSE	1.7	1.7	9.7	9.8	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	12.3	12.4	7.4
S	.8	.8	5.1	5.1	.5	.5	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	6.8	6.8	8.1
SSW	.9	.9	4.9	4.9	.7	.7	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	7.1	7.2	8.7
SW	.4	.4	1.8	1.8	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.8	2.9	9.0
WSW	.4	.4	2.0	2.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.0	8.5
W	.4	.4	1.8	1.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.8	2.8	8.5
WNW	.7	.7	2.3	2.4	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.7	3.7	8.4
NW	.5	.5	2.0	2.0	.3	.3	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	3.2	3.2	8.5
N	.8	.8	2.3	2.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.7	3.7	8.1
NW	.7	.7	3.4	3.5	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	5.1	5.2	9.0
CALM	3.4	3.4															3.4	3.4	
TOTAL	16.2	16.4	64.2	64.9	8.0	8.1	5.0	5.0	4.0	4.0	1.3	1.3	.3	.3	.3	98.9	100	8.6	

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 2 / DAY

NO. OBS.: 604

STATION NUMBER: 23050

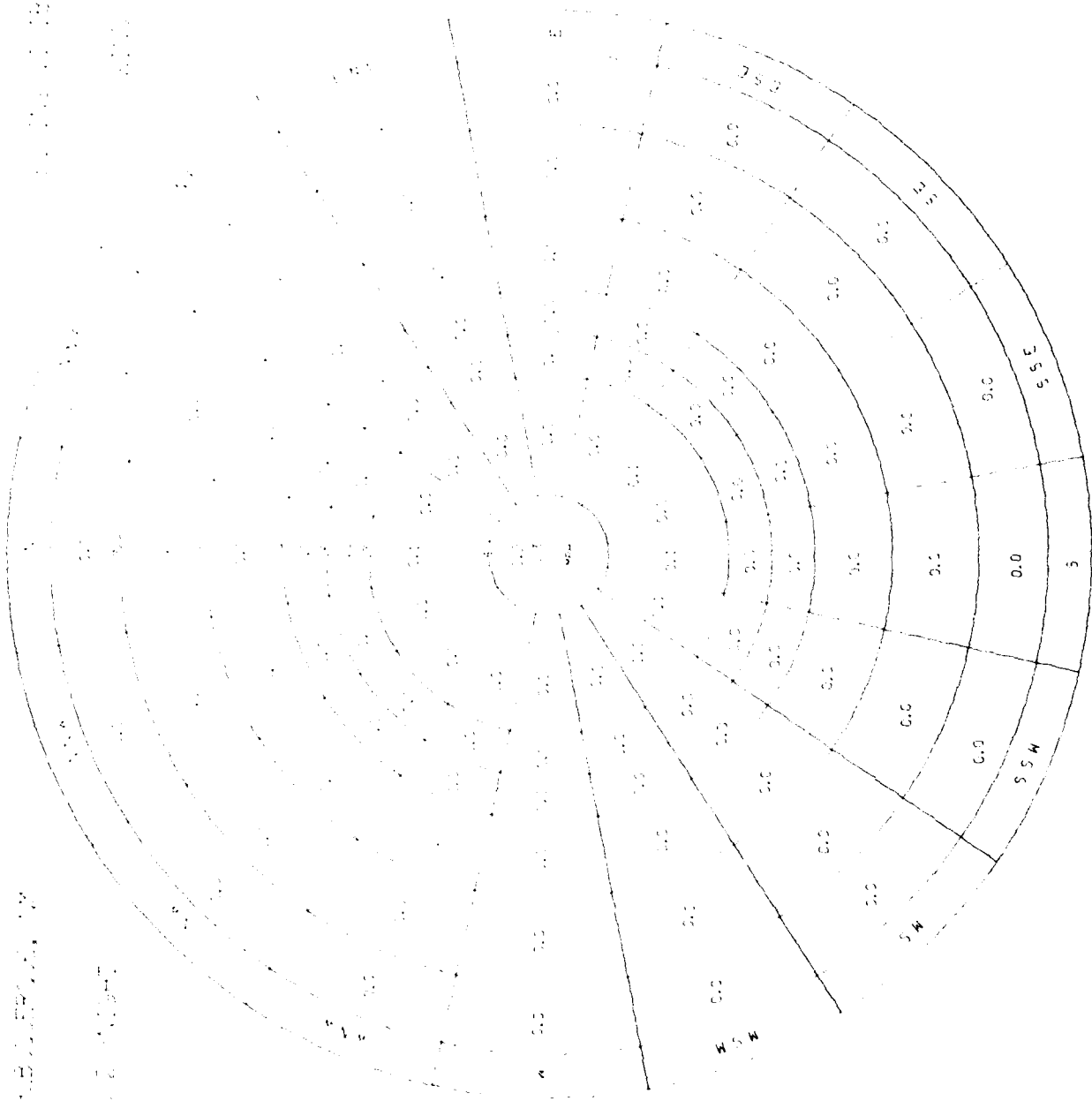
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED								
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL				
	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D		A	B	D	C	D			
N	.0	.7		.1	8.4		.0	.3		.0	.7		.0	.0		.0	.0		.0	.0		.0	.0		.1	10.1	8.3
NNE	.0	1.3		.0	1.8		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.2		.0	3.3	7.4
NE	.0	.2		.0	1.5		.0	.0		.0	.2		.0	.0		.0	.0		.0	.0		.0	.0		.0	1.8	8.6
ENE	.0	.2		.0	2.2		.0	.2		.0	.0		.0	.2		.0	.0		.0	.2		.0	.0		.0	2.8	9.7
E	.0	.7		.0	1.8		.0	.5		.0	.7		.0	.7		.0	2.0		.0	1.3		.0	.8		.1	7.8	18.2
ESE	.0	.3		.0	.7		.0	.8		.0	.7		.0	.5		.0	.2		.0	1.2		.0	.5		.1	4.6	19.8
SE	.0	.5		.0	3.5		.0	.3		.0	.3		.0	.3		.0	.2		.0	.0		.0	.3		.1	5.1	10.3
SSE	.0	.7		.0	2.0		.0	.3		.0	.0		.0	.0		.0	.3		.0	.2		.0	.8		.1	11.6	10.3
S	.0	1.5		.1	7.5		.0	.7		.0	.7		.0	.7		.0	.2		.0	.7		.0	.5		.1	7.3	13.5
SSW	.0	.3		.1	4.1		.0	.7		.0	.3		.0	.3		.0	.7		.0	.7		.0	.5		.1	8.4	15.4
SW	.0	1.2		.0	3.6		.0	.2		.0	.2		.0	.2		.0	.3		.0	.3		.0	.3		.1	6.0	17.8
WSW	.0	1.0		.0	1.5		.0	.5		.0	.2		.0	.2		.0	.5		.0	1.3		.0	1.0		.1	7.9	19.1
W	.0	.7		.0	3.1		.0	.3		.0	.0		.0	.0		.0	1.0		.0	1.2		.0	1.7		.1	5.3	18.8
WNW	.0	.8		.0	1.5		.0	.0		.0	.0		.0	.0		.0	.5		.0	1.8		.0	.7		.1	6.5	16.0
NW	.0	.5		.0	2.8		.0	.5		.0	.3		.0	.3		.0	.5		.0	1.0		.0	.8		.1	3.8	9.3
NNW	.0	.5		.0	2.6		.0	.0		.0	.0		.0	.3		.0	.0		.0	.3		.0	.0		.1	4.1	
CALM	.1	4.1																									
TOTAL	.2	15.1		.6	48.7		.1	6.0		.1	4.5		.1	4.5		.1	6.8		.1	10.6		.1	8.4		1.3	100	13.1

ABC UNIVERSITY, NY

COURSE NUMBER

DATE

TIME



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABO ALBUJOUERQUE, NM

PERIOD: 1949-1978

CLASS 2 / NIGHT

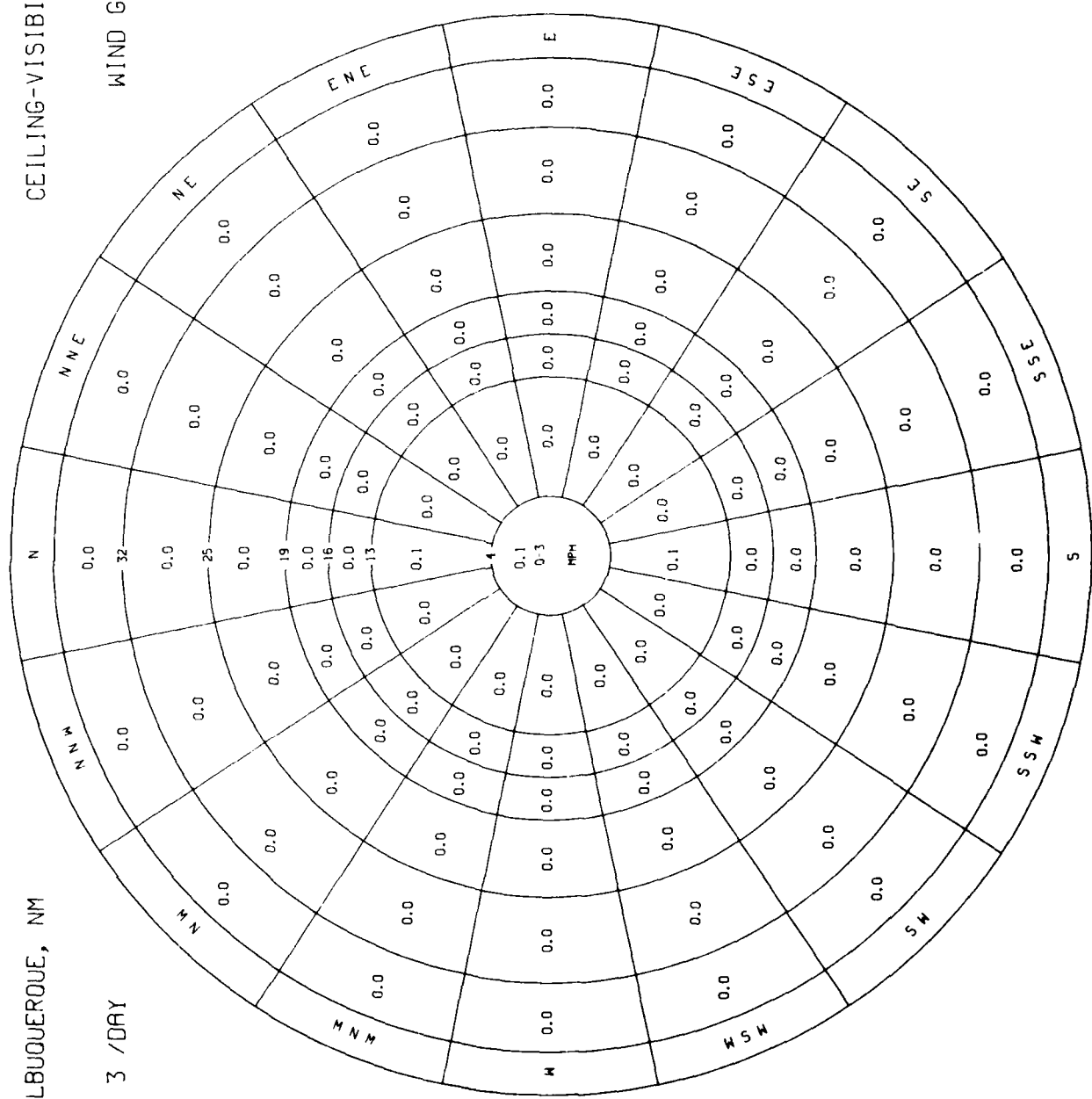
STATION NUMBER: 23050

NO. OBS.: 453

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	2.0	.1	7.5	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.0	7.6
NNE	.0	.9	.0	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.6
NE	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.8
ENE	.0	.2	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.9
E	.0	.4	.0	2.4	.0	.0	.0	1.8	.0	1.8	.0	.0	.0	1.5	.0	2.2	.1	10.2	21.2	16.9
ESE	.0	.4	.0	2.4	.0	.9	.0	.9	.0	1.3	.0	.0	.0	.2	.0	.0	.0	.1	7.1	8.7
SE	.0	.4	.1	5.5	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	6.4
SSE	.0	1.5	.0	4.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.8	8.1
S	.0	1.5	.1	7.9	.0	.4	.0	.2	.0	.2	.0	.0	.4	.0	.0	.0	.0	.1	6.4	7.8
SSW	.0	.4	.1	5.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.8
SW	.0	1.1	.0	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.8
WSW	.0	.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.8
W	.0	1.5	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	11.4
WNW	.0	.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	8.0
NW	.0	.4	.0	3.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	8.1
NNW	.0	1.5	.0	3.3	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	9.3
CALM	.1	7.5																		
TOTAL	.2	21.9	.6	56.5	.1	4.9	.1	5.1	.0	3.8	.1	4.6	.0	3.3	1.1	10.0				

ABO ALBUQUERQUE, NM  
CLASS 3 /DAY

CEILING-VISIBILITY  
WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 3 / DAY

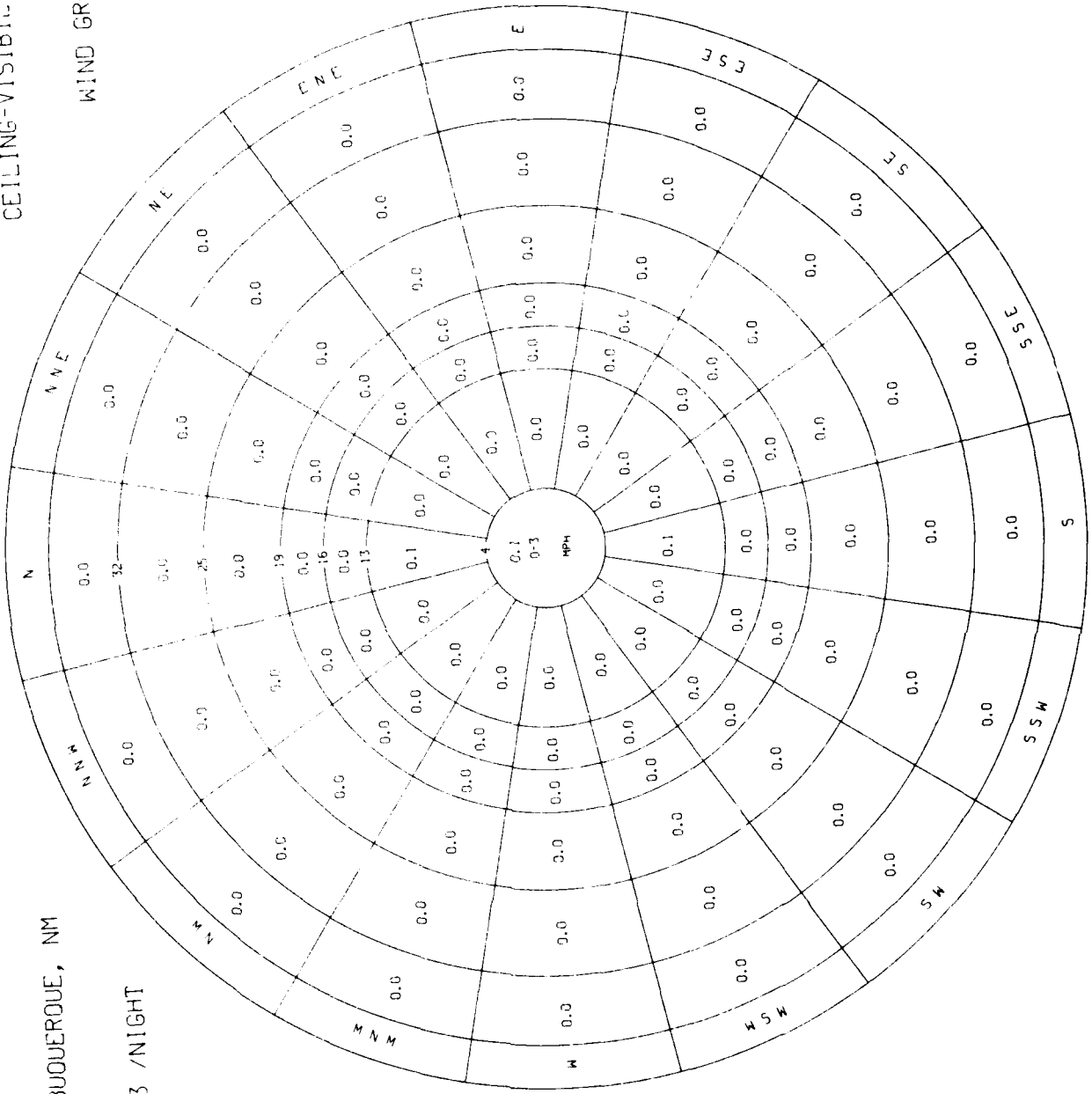
NO. OBS.: 417

STATION NUMBER: 23050

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.1	8.4	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	9.8	8.6	
NNE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.5	
NE	.0	.2	.0	1.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.8	
ENE	.0	.0	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.4	
E	.0	.7	.0	1.4	.0	.7	.0	.2	.0	2.2	.0	1.4	.0	.7	.1	7.4	18.8		
ESE	.0	.2	.0	.5	.0	.5	.0	.5	.0	.7	.0	.7	.0	.7	.0	3.8	21.7		
SE	.0	.5	.0	3.1	.0	.5	.0	.5	.0	.2	.0	.0	.0	.2	.0	5.0	10.7		
SSE	.0	.7	.0	1.0	.0	.5	.0	.0	.0	.5	.0	.2	.0	.0	.0	2.9	11.1		
S	.0	1.2	.1	8.6	.0	1.0	.0	1.0	.0	.2	.0	.5	.0	.7	.1	13.2	10.6		
SSW	.0	.0	.0	4.3	.0	.7	.0	.5	.0	1.0	.0	.7	.0	.7	.1	7.9	14.8		
SW	.0	.7	.0	4.1	.0	1.2	.0	.2	.0	.5	.0	1.4	.0	1.0	.1	9.1	15.6		
WSW	.0	.7	.0	1.7	.0	.5	.0	.2	.0	.7	.0	1.2	.0	.5	.0	5.5	16.4		
W	.0	.5	.0	2.6	.0	.5	.0	.0	.0	1.2	.0	1.7	.0	1.2	.1	7.7	19.3		
WNW	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.7	.0	2.6	.0	.7	.1	6.2	20.7		
NW	.0	.2	.0	3.4	.0	.5	.0	.5	.0	.5	.0	1.2	.0	.7	.1	7.0	15.7		
NNW	.0	.5	.0	3.4	.0	.0	.0	.5	.0	.0	.0	.5	.0	.0	.0	4.8	9.7		
CALM	.0	2.9																	
TOTAL	.1	11.5	.4	48.7	.1	7.2	.0	4.8	.1	8.4	.1	12.2	.1	7.2	.9	100	13.7		

CEILING-VISIBILITY

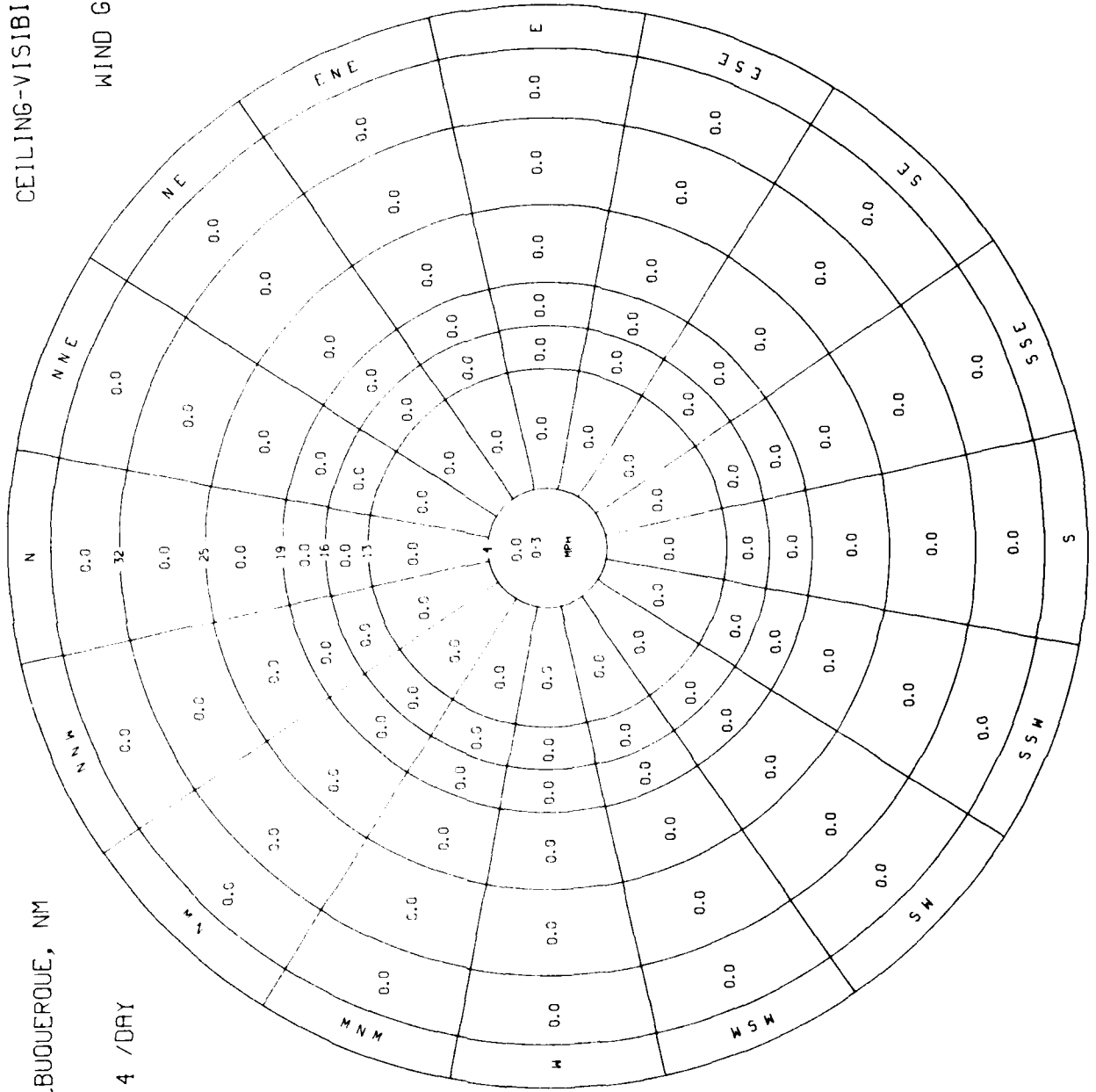
WIND GRAPH





CEILING-VISIBILITY

WIND GRAPH



ABO ALBUQUERQUE, NM

CLASS 4 / DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABO ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 4 / DAY

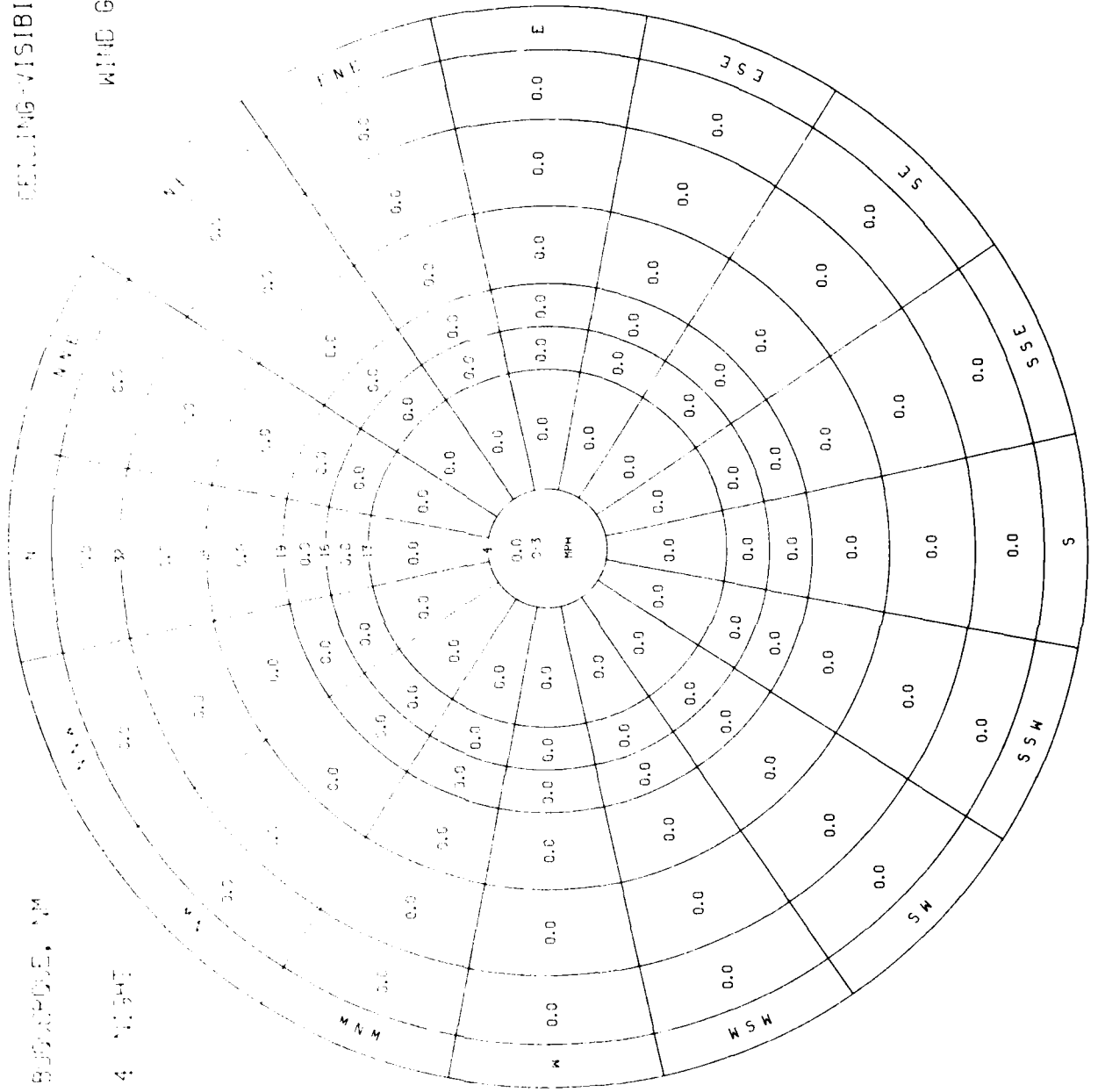
STATION NUMBER: 23050

NO. OBS.: 106

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	10.4	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	8.7
NNE	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.0
NE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	10.0
ENE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	4.7	9.6
E	.0	.0	.0	2.8	.0	.0	.0	2.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	7.5	16.1
ESE	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.9	.0	.0	.0	.0	4.7	17.6
SE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	11.6
SSE	.0	.9	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.5
S	.0	2.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.5	11.9
SSW	.0	.9	.0	3.8	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	6.6	12.0
SW	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.9	5.7	14.6
WSW	.0	1.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0	.0	1.9	.0	7.5	21.1
W	.0	.9	.0	3.8	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	3.8	.0	9.4	21.5
WNW	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	4.7	11.6
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	1.9	.0	4.7	21.4
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	10.0
CALM	.0	5.7																5.7	
TOTAL	.0	19.8	.1	49.1	.0	.0	.0	3.8	.0	.0	.0	.0	4.7	.0	.0	3.8	.0	13.2	12.7

BELOW-VISIBILITY

WIND GRAPH



ABO H. 899-APR-05, AM

GROUP 4 11:34E

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 480 ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 4 / NIGHT

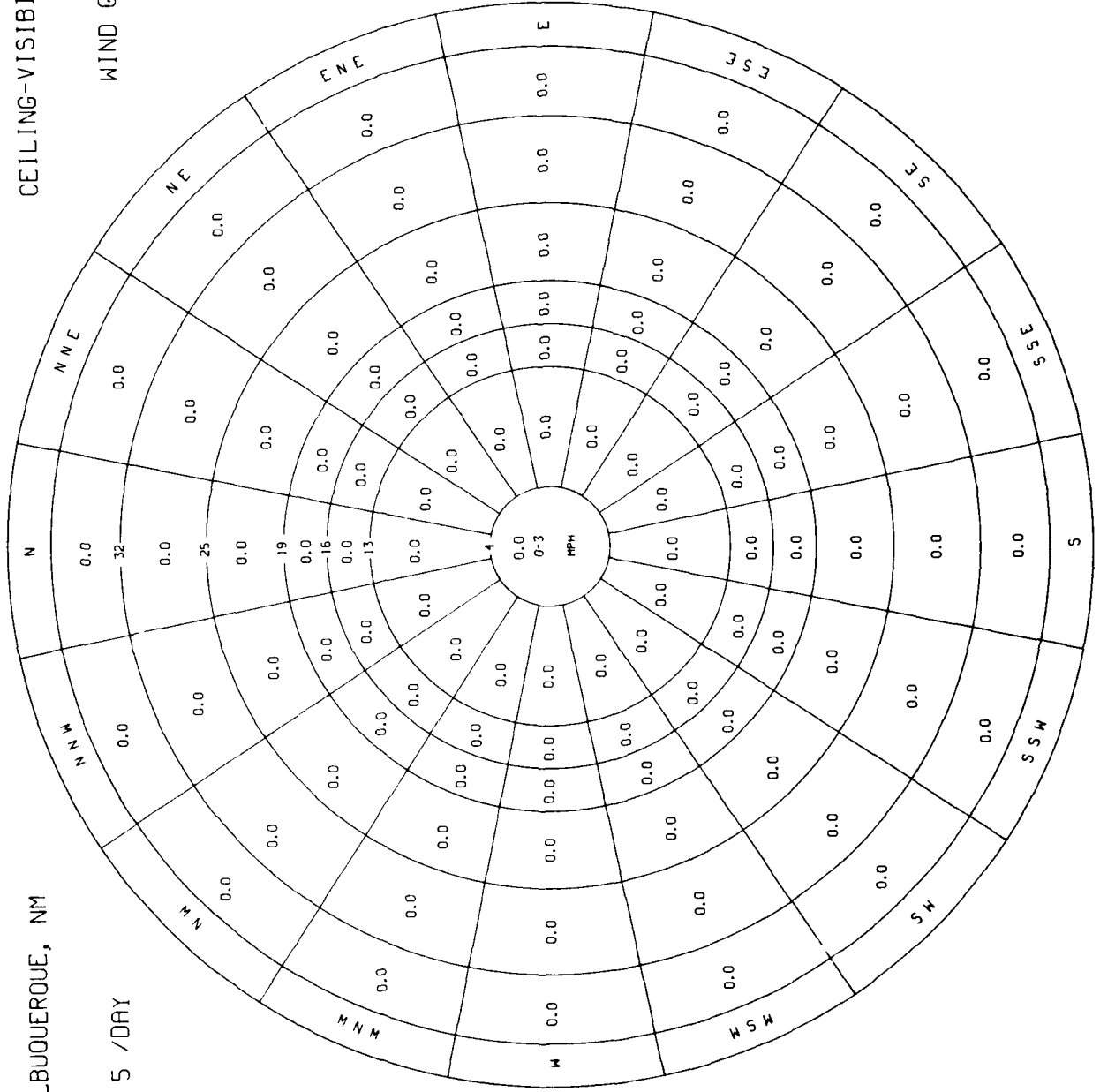
STATION NUMBER: 23050

NO. OBS.: 71

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.8	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.0	
NNE	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.0	
NE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0	2.8	.0	4.2	.0	8.5	.0	32.7		
ESE	.0	1.4	.0	2.8	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	7.0	11.0	
SE	.0	1.4	.0	4.2	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	8.5	9.8	
SSE	.0	4.2	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.3	
S	.0	.0	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	6.9	
SSW	.0	1.4	.0	11.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	7.2	
SW	.0	2.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.0	
WSW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.0	
W	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.0	
WNW	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	9.0	
NW	.0	.0	.0	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.8	
NNW	.0	.0	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	12.0	
CALM	.0	9.9															9.9		
TOTAL	.0	25.4	.1	59.2	.0	1.4	.0	2.8	.0	4.2	.0	2.8	.0	4.2	.0	2.8	.0	4.2	8.8

CEILING-VISIBILITY

WIND GRAPH



ALBUQUERQUE, NM

CLASS 5 / DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: ABQ ALBUQUERQUE, NM

CLASS 5 / DAY

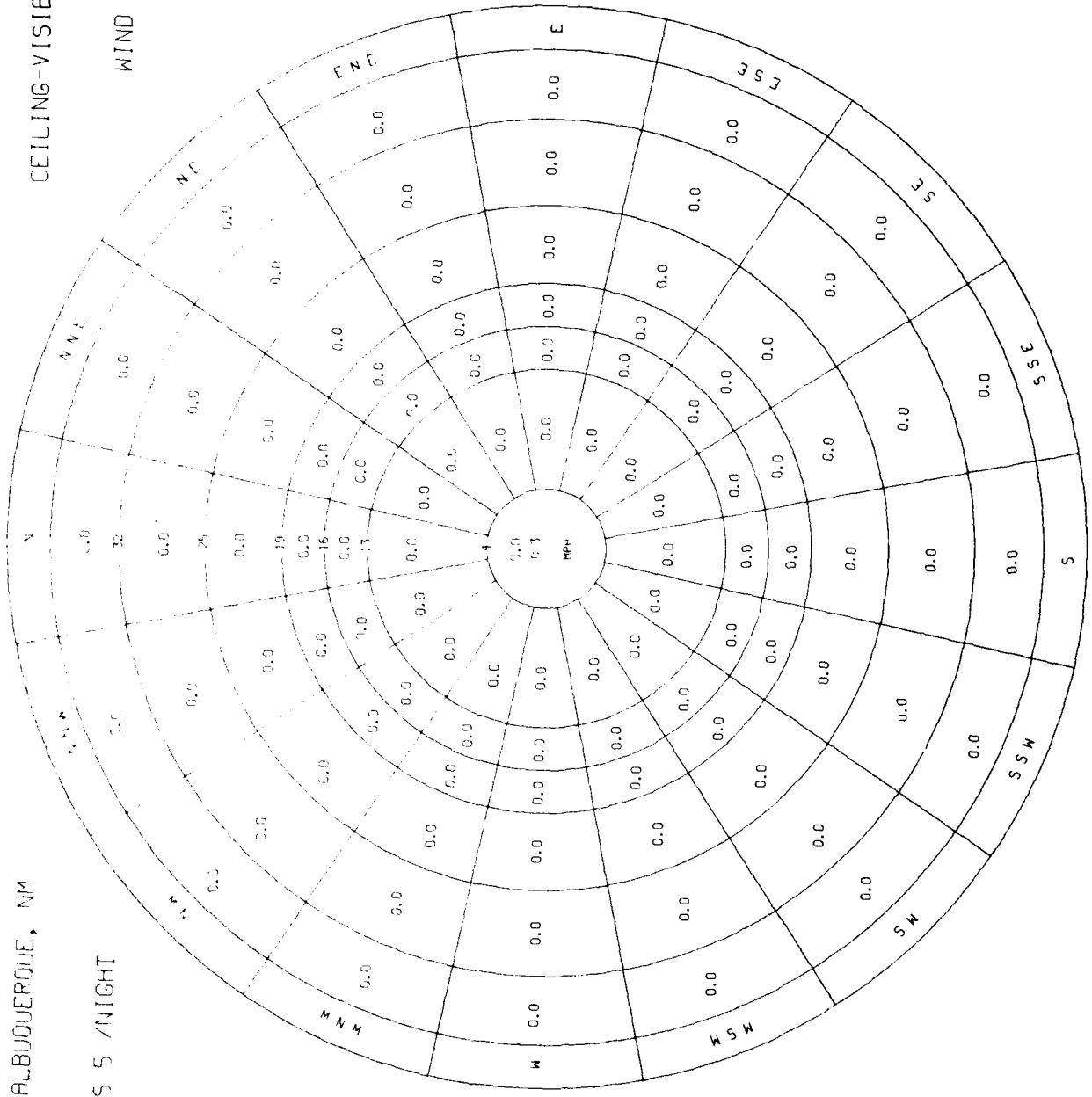
NO. OBS.: 34

STATION NUMBER: 23050

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.9	.0	8.8	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	14.7	7.0		
NNE	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	8.8	17.3		
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	.0	2.9	25.0		
E	.0	2.9	.0	.0	.0	.0	.0	2.9	.0	5.9	.0	2.9	.0	.0	.0	11.8	18.0		
ESE	.0	2.9	.0	2.9	.0	.0	.0	2.9	.0	.0	.0	2.9	.0	.0	.0	11.8	13.7		
SE	.0	.0	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	8.3		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.0		
SSH	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SW	.0	5.9	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	4.2		
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	2.9	35.0		
W	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	5.9	26.5		
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	.0	8.8	12.7		
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.0	5.9														5.9			
TOTAL	.0	26.5	.0	41.2	.0	.0	.0	5.9	.0	5.9	.0	11.8	.0	8.8	.1	10.0	12.3		

ABO ALBUQUERQUE, NM

CLASS 5 / NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AEG ALBUQUERQUE, NM

PERIOD: 1949-1978

CLASS 5 / NIGHT

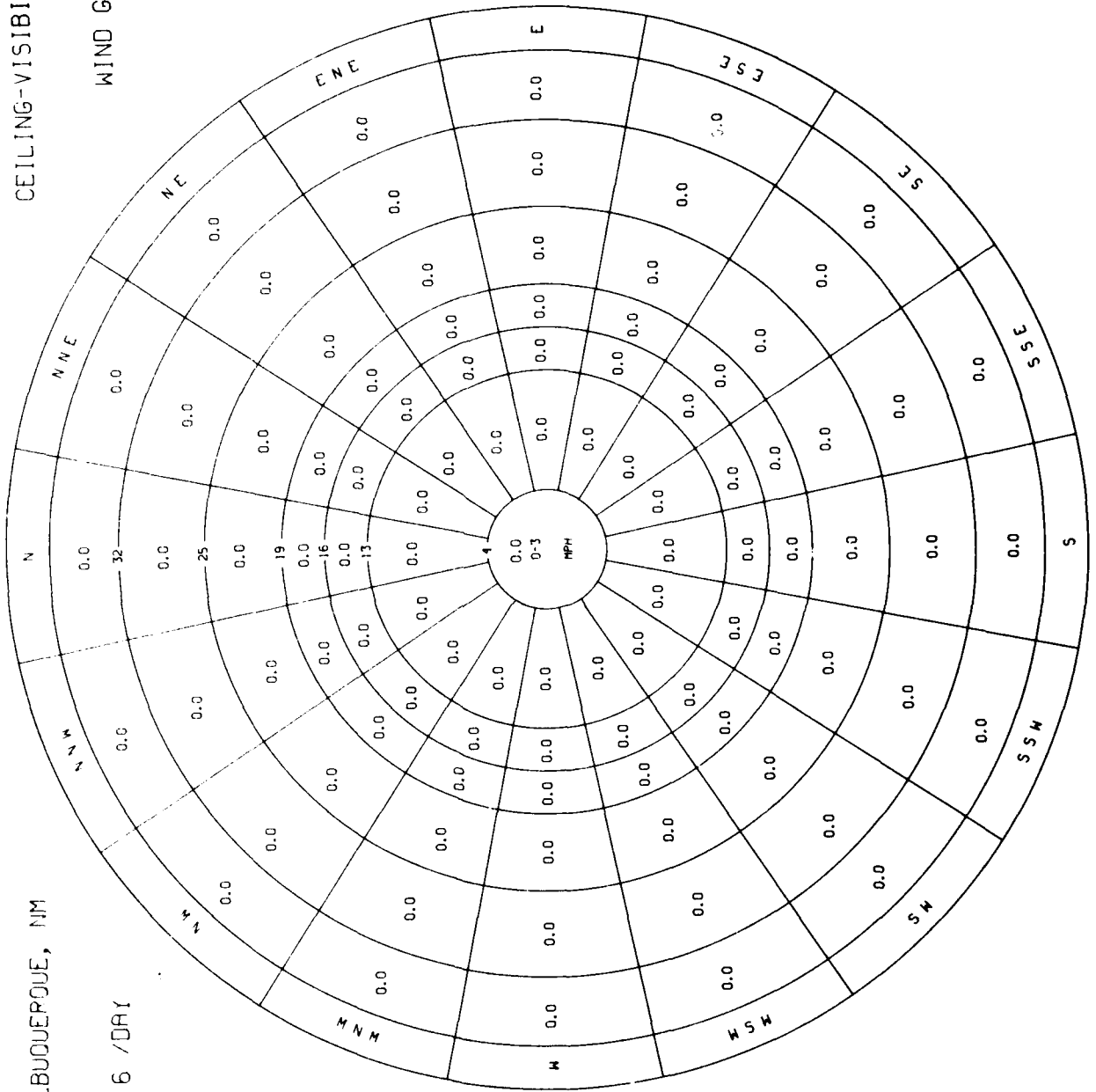
STATION NUMBER: 23050

NO. OBS.: 35

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.3	.0	5.7	.0	2.9	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	14.3	10.4
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
SSE	.0	.0	.0	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3
S	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
SSW	.0	.0	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0
SW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5
WSW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
W	.0	3.6	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
WNW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
NW	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
NNW	.0	2.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
CALM	.0	17.1																.0	17.1
TOTAL	.0	51.4	.0	40.0	.0	5.7	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.1	100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

PERIOD: 1949-1978

STATION NAME: ABO ALBUQUERQUE, NM

CLASS 6 / DAY

NO. OBS.: 47

STATION NUMBER: 23050

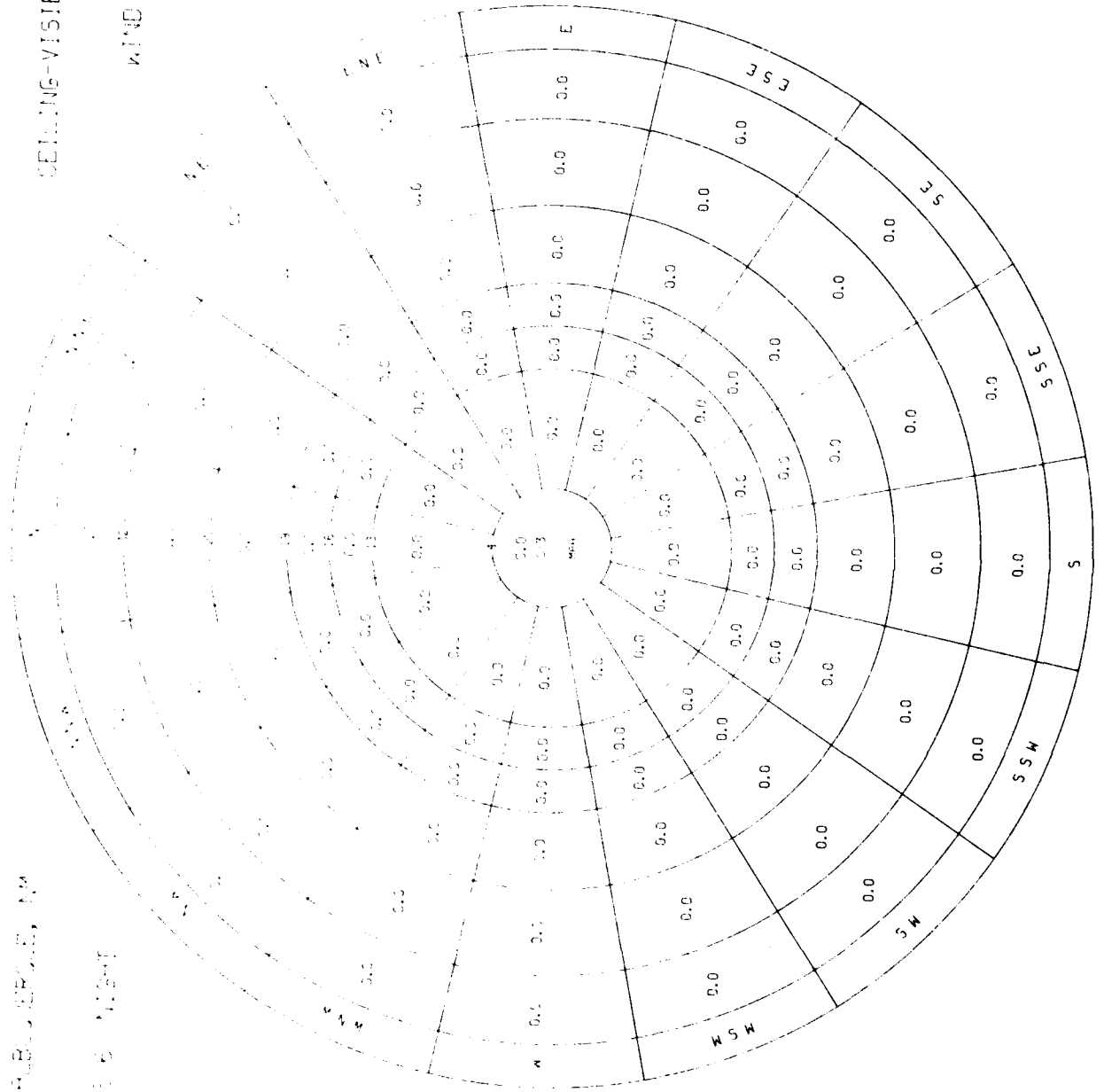
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.1	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	6.0	
NNE	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.0	
NE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	18.5	
ESE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	21.3	
SE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.5	
SSE	.0	.0	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.0	
S	.0	2.1	.0	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	6.0	
SSW	.0	2.1	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.0	
SW	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	29.3	
WSW	.0	2.1	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	14.7	
W	.0	2.1	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	8.0	
WNW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.0	
NW	.0	.0	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	11.0	
NNW	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0	
CALM	.0	10.6																	
TOTAL	.0	27.7	.1	53.2	.0	4.3	.0	.0	.0	.0	6.4	.0	.0	.0	.0	.0	8.5	9.9	

ABC PUBLIC SERVICE, NM

2:00 P.M. - 2:30 P.M.

SEEKING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: AEO ALBUQUERQUE, NM

CLASS 6 / NIGHT

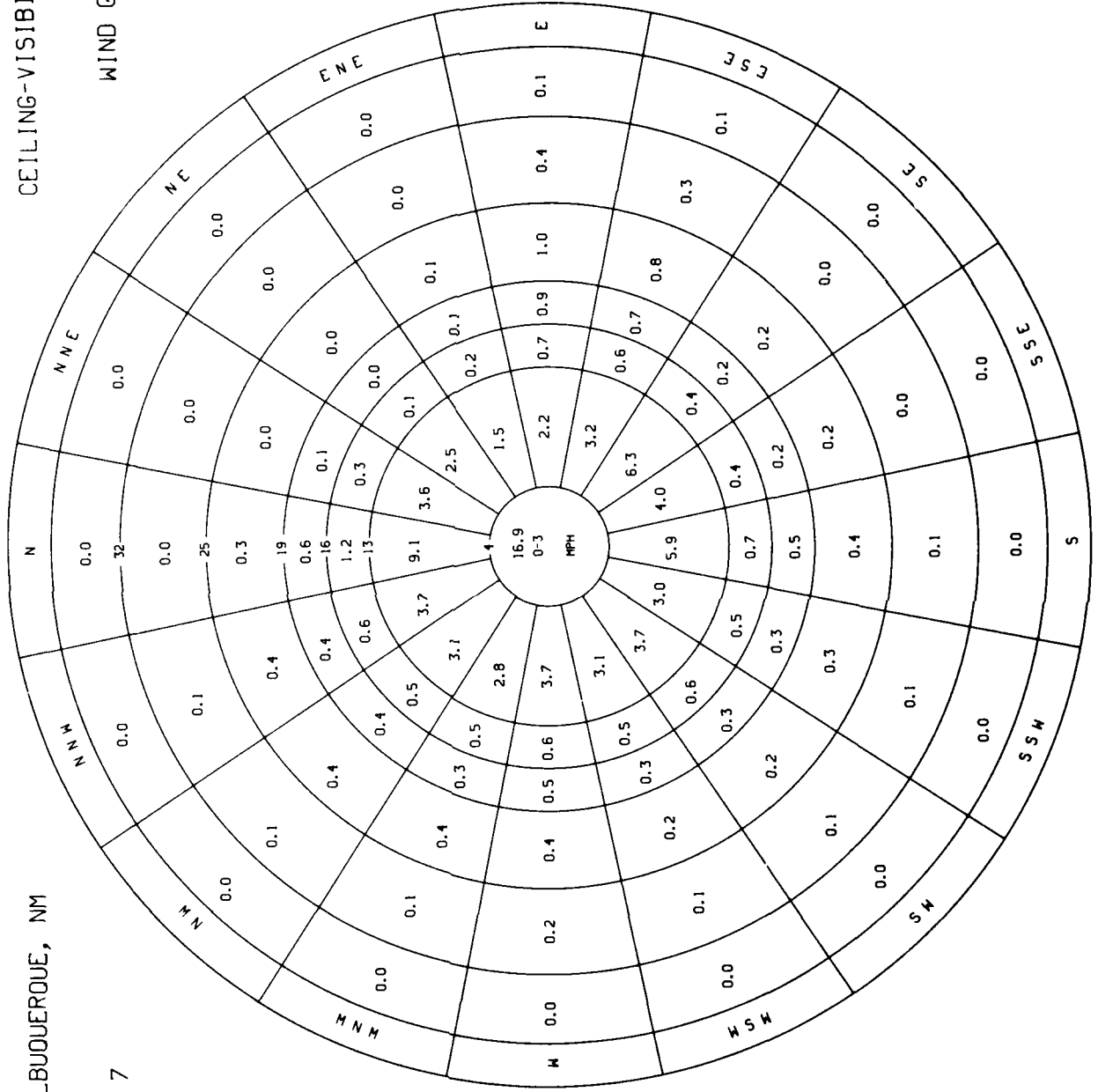
NO. OBS.: 46

STATION NUMBER: 23050

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED								
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL				
	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D		A	B	D	C	D			
N	.0	.0	.0	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	5.7			
NNE	.0	2.2	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.7			
NE	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	9.0			
ENE	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0			
E	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0			
ESE	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0			
SE	.0	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	7.0			
SSE	.0	2.2	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	6.3			
S	.0	4.3	.0	.0	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	4.7			
SSW	.0	.0	.0	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	8.2			
SW	.0	2.2	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	4.7			
WSW	.0	2.2	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	4.0			
W	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0			
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
NW	.0	2.2	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.3			
NNW	.0	4.3	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	3.7			
CALM	.0	10.9	.0																								
TOTAL	.0	30.4	.0	.1	59.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	5.0			

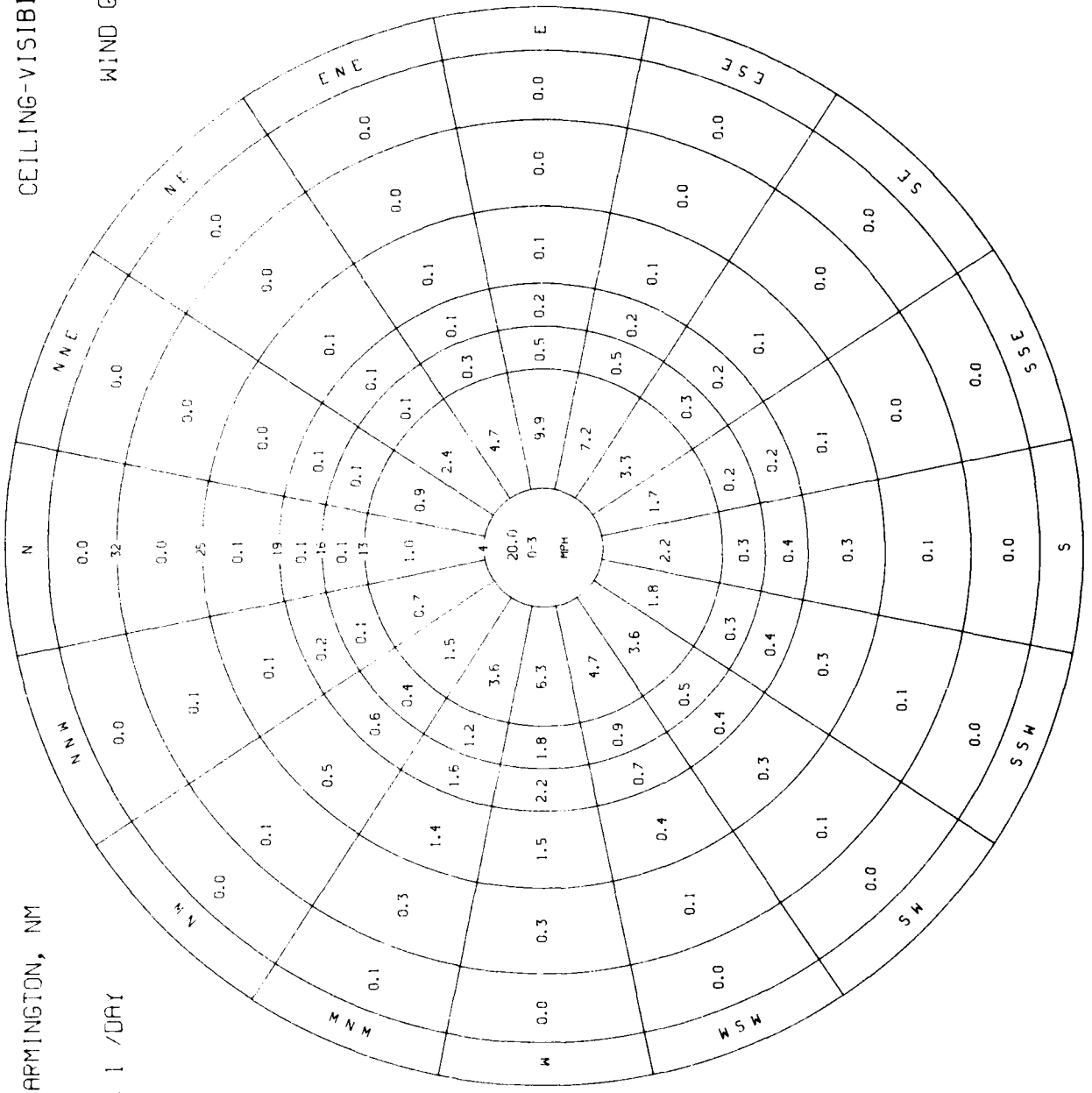
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY

WIND GRAPH



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# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 1 / DAY

NO. OBS.: 39443

STATION NUMBER: 23090

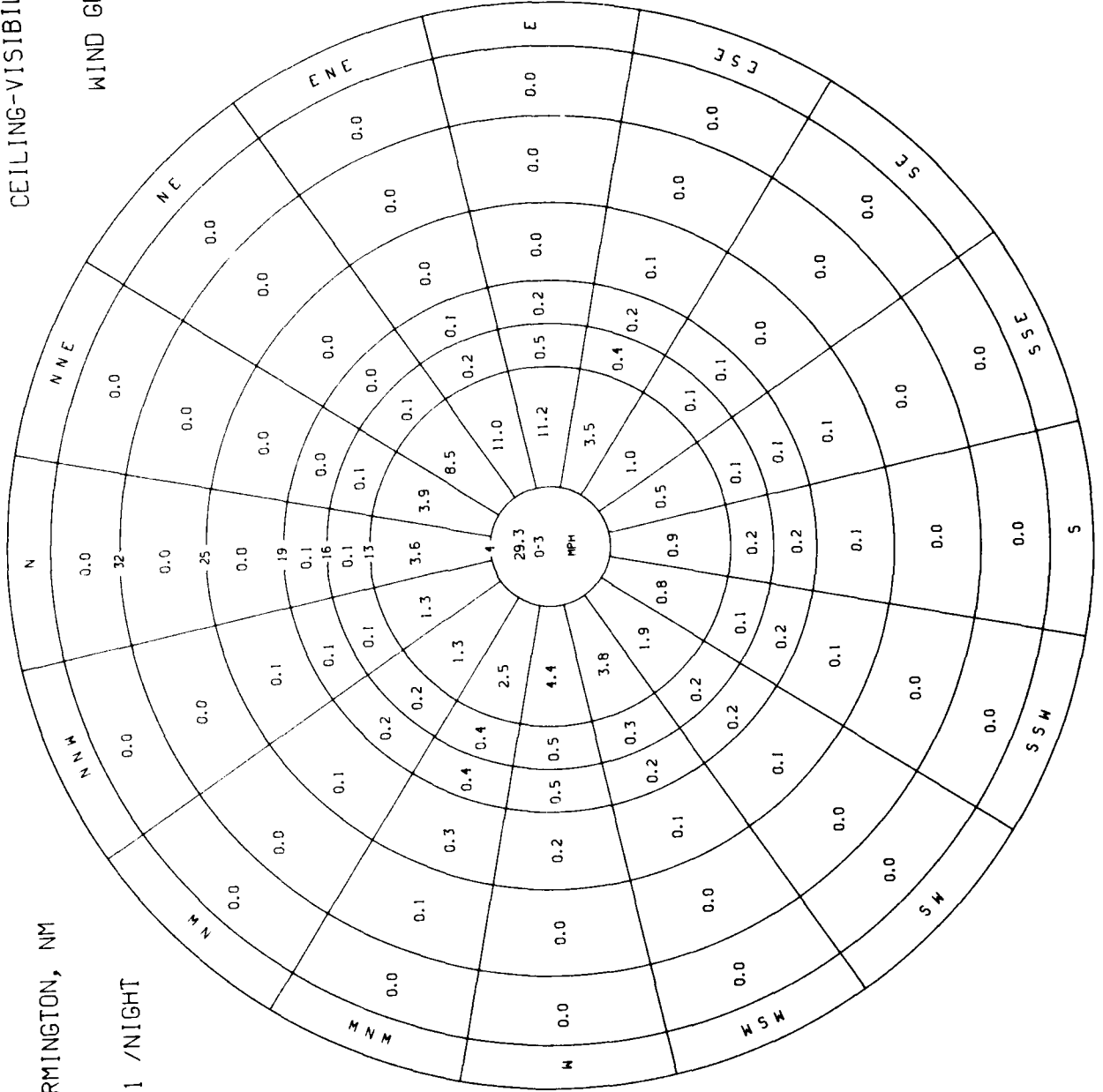
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.2	.2	1.0	1.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.6	1.6	9.4
NNE	.2	.2	.9	.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3	8.6
NE	.5	.5	2.4	2.5	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.3	7.4
ENE	.6	.6	4.7	4.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	5.7	5.9	7.7
E	1.1	1.1	9.9	10.1	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	11.8	12.1	8.1
ESE	.6	.6	7.2	7.4	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.7	8.9	8.5
SE	.5	.5	3.3	3.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.3	4.4	8.3
SSE	.3	.3	1.7	1.7	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.5	9.1
S	.4	.4	2.2	2.2	.3	.3	.4	.4	.3	.3	.1	.1	.1	.0	.0	.0	3.7	3.8	10.7
SSW	.2	.2	1.8	1.8	.3	.3	.4	.4	.3	.3	.1	.1	.1	.0	.0	.0	3.1	3.2	11.4
SW	.5	.5	3.6	3.7	.5	.5	.4	.4	.3	.3	.1	.1	.1	.0	.0	.0	5.3	5.5	10.1
WSW	.4	.4	4.7	4.8	.9	.9	.7	.7	.4	.5	.1	.1	.1	.0	.0	.0	7.2	7.3	10.7
W	.5	.5	6.3	6.5	1.8	1.8	2.2	2.2	1.5	1.6	.3	.3	.3	.0	.0	.0	12.6	12.9	12.8
WNW	.3	.3	3.6	3.7	1.2	1.2	1.6	1.6	1.4	1.5	.3	.3	.3	.1	.1	.0	8.5	8.7	14.1
NW	.2	.2	1.5	1.6	.4	.4	.6	.6	.5	.6	.1	.1	.1	.0	.0	.0	3.4	3.5	13.7
NNW	.1	.1	.7	.8	.1	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	1.4	1.4	11.9
CALM	13.6	13.9															13.6	13.9	
TOTAL	20.0	20.5	55.5	56.8	7.6	7.8	7.6	7.8	5.5	5.6	1.3	1.3	1.3	.2	.2	.2	97.8	100	8.9

CEILING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, NM

CLASS 1 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FMN FARMINGTON, NM

PERIOD: 1954-1978

CLASS 1 / NIGHT

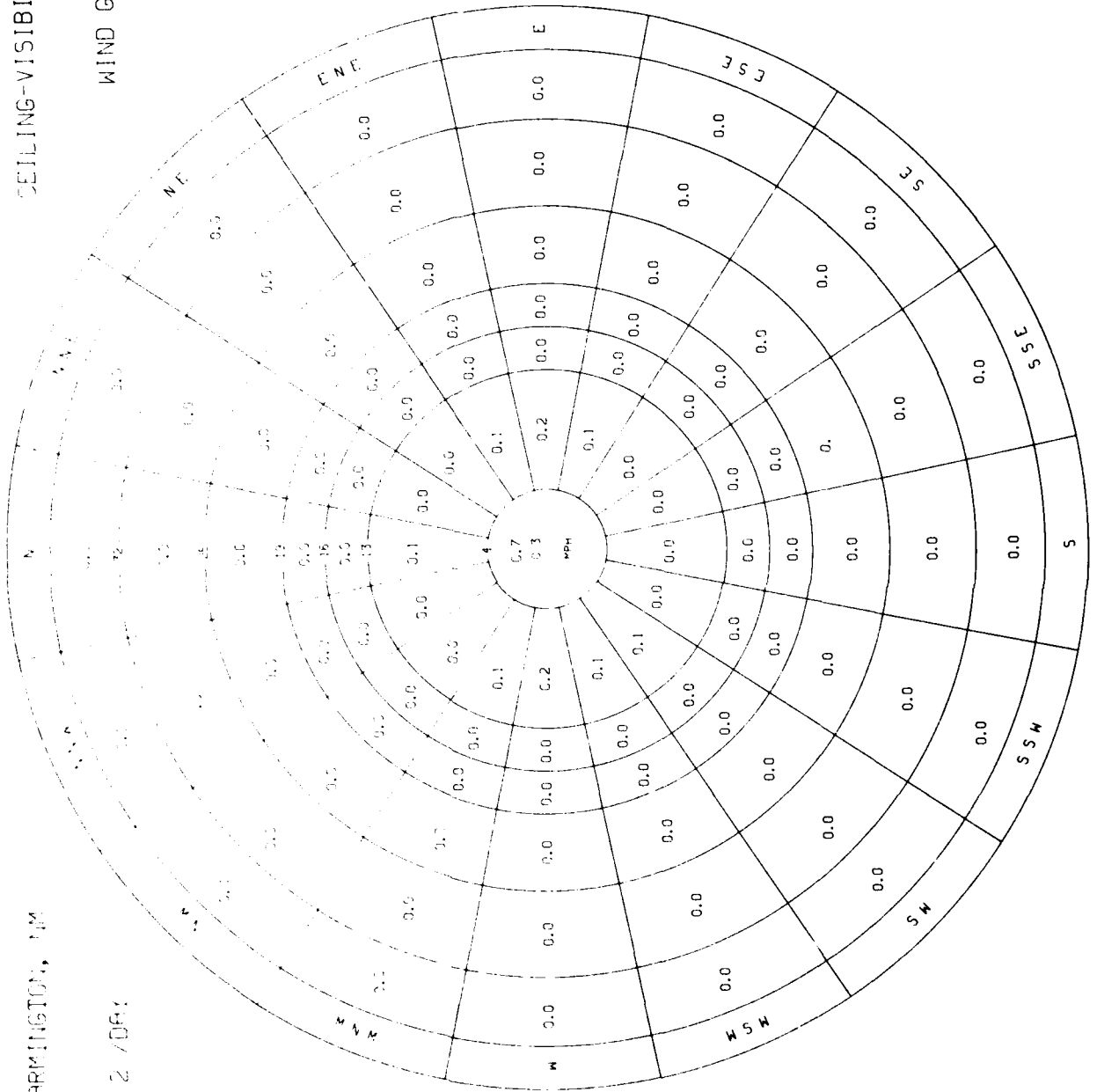
STATION NUMBER: 23090

NO. OBS.: 31815

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.8	.9	3.6	3.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.8	6.7
NNE	1.0	1.0	3.9	4.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.1	6.4
NE	1.8	1.8	8.5	8.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	10.7	6.4
ENE	1.2	1.3	11.0	11.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	12.9	7.2
E	.9	.9	11.2	11.5	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8	13.1	8.0
ESE	.2	.2	3.5	3.6	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.3	4.5	9.3
SE	.2	.2	1.0	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5	9.5
SSE	.1	.1	.5	.5	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.9	.9	10.9
S	.1	.1	.9	.9	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	1.5	1.5	10.4
SSW	.1	.2	.8	.8	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	1.3	1.4	10.1
SW	.4	.4	1.9	2.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.8	2.9	8.6
WSW	.5	.5	3.8	3.9	.3	.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	5.0	5.1	8.5
W	.6	.6	4.4	4.6	.5	.5	.5	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	6.3	6.5	9.2
WNW	.3	.3	2.5	2.5	.4	.4	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	3.9	4.0	10.4
NW	.2	.2	1.3	1.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	9.9
NNW	.3	.3	1.3	1.4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.9	1.9	8.2
CALM	20.5	21.1																20.5	21.1	
TOTAL	29.3	30.1	60.1	61.7	3.6	3.7	2.7	2.7	1.4	1.4	.2	.2	.0	.0	.0	.0	97.3	100	6.3	

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: F.M. FARMINGTON, NM

PERIOD: 1954-1978

CLASS: 2 / DAY

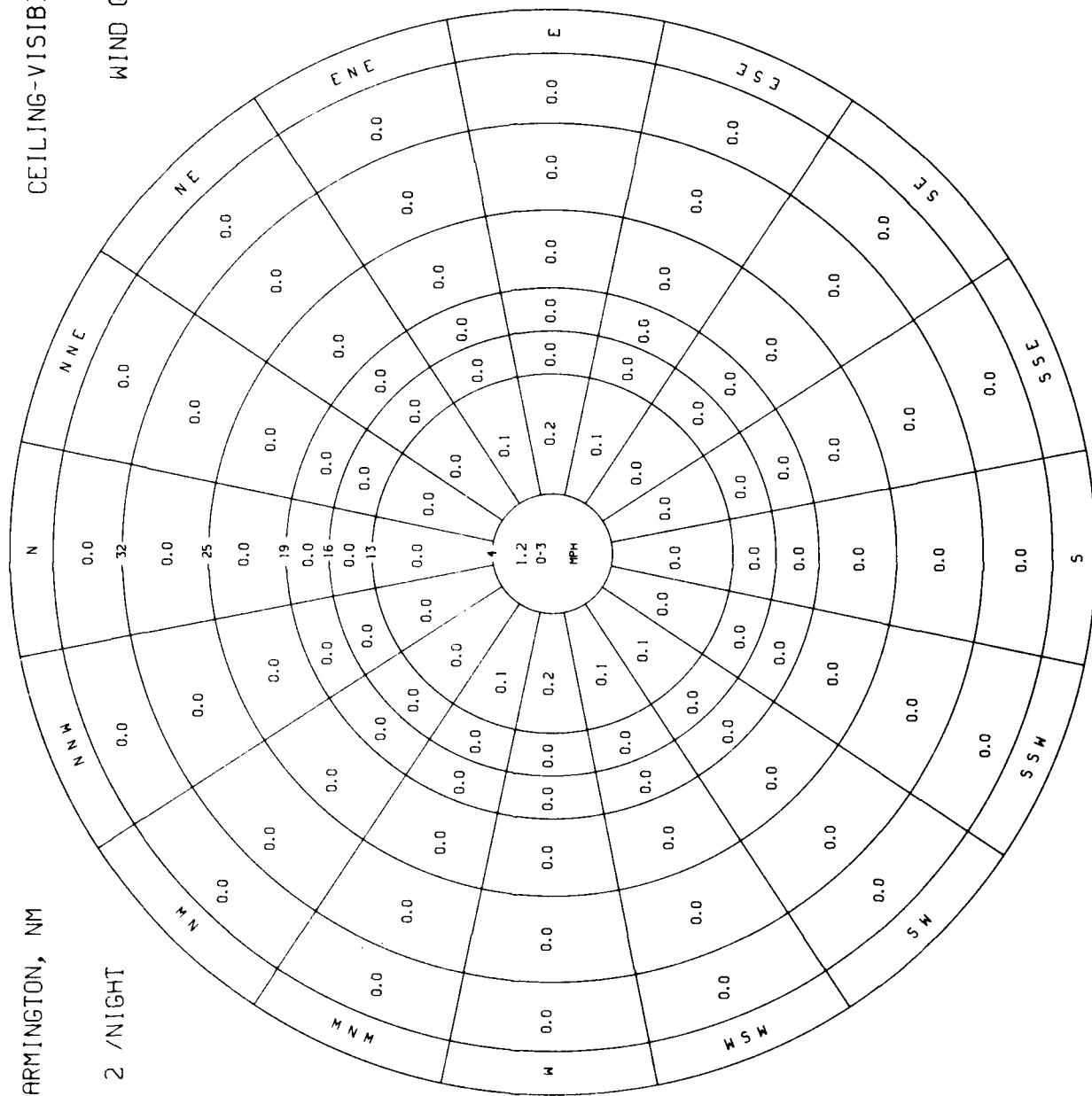
STATION NUMBER: 23096

NO. OBS.: 894

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED						
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D		
N	.0	.9	.1	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	6.3
NNE	.0	.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.8
NE	.0	.2	.0	2.2	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.2
ENE	.0	1.0	.1	4.7	.0	.6	.0	.3	.0	.0	.1	.0	.0	.0	.0	.0	.1	6.7	8.1
E	.0	1.0	.2	7.4	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.5	8.4
ESE	.0	.6	.1	4.4	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.8	8.3
SE	.0	.2	.0	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.6
SSE	.0	.1	.0	.9	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.2	9.0
S	.0	.1	.0	1.0	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.6	10.2
SSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	20.1
SW	.0	.7	.1	2.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	9.9
WSW	.0	.7	.1	4.8	.0	.4	.0	.2	.0	.0	.3	.0	.6	.0	.0	.0	.2	7.3	10.9
W	.0	2.1	.2	7.4	.0	1.9	.0	2.1	.0	1.6	.0	1.1	.0	.0	.0	.0	.2	16.4	12.3
WNW	.0	.4	.1	4.3	.0	1.1	.0	1.8	.0	.9	.0	.3	.0	.0	.0	.0	.2	9.1	13.3
NW	.0	.1	.0	2.2	.0	.2	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.1	10.9
NNW	.0	.0	.0	.4	.0	.1	.0	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.9	14.2
CALM	.5	23.4															.5	23.4	
TOTAL	.7	.9	1.1	48.0	.1	6.6	.1	6.0	.1	3.6	.1	2.8	.0	1.1	.0	1.1	2.2	100	8.0

CEILING-VISIBILITY

WIND GRAPH



FMN FARMINGTON, NM

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: FMN FARMINGTON, NM

PERIOD: 1954-1978

CLASS 2 / NIGHT

STATION NUMBER: 23090

NO. OBS.: 874

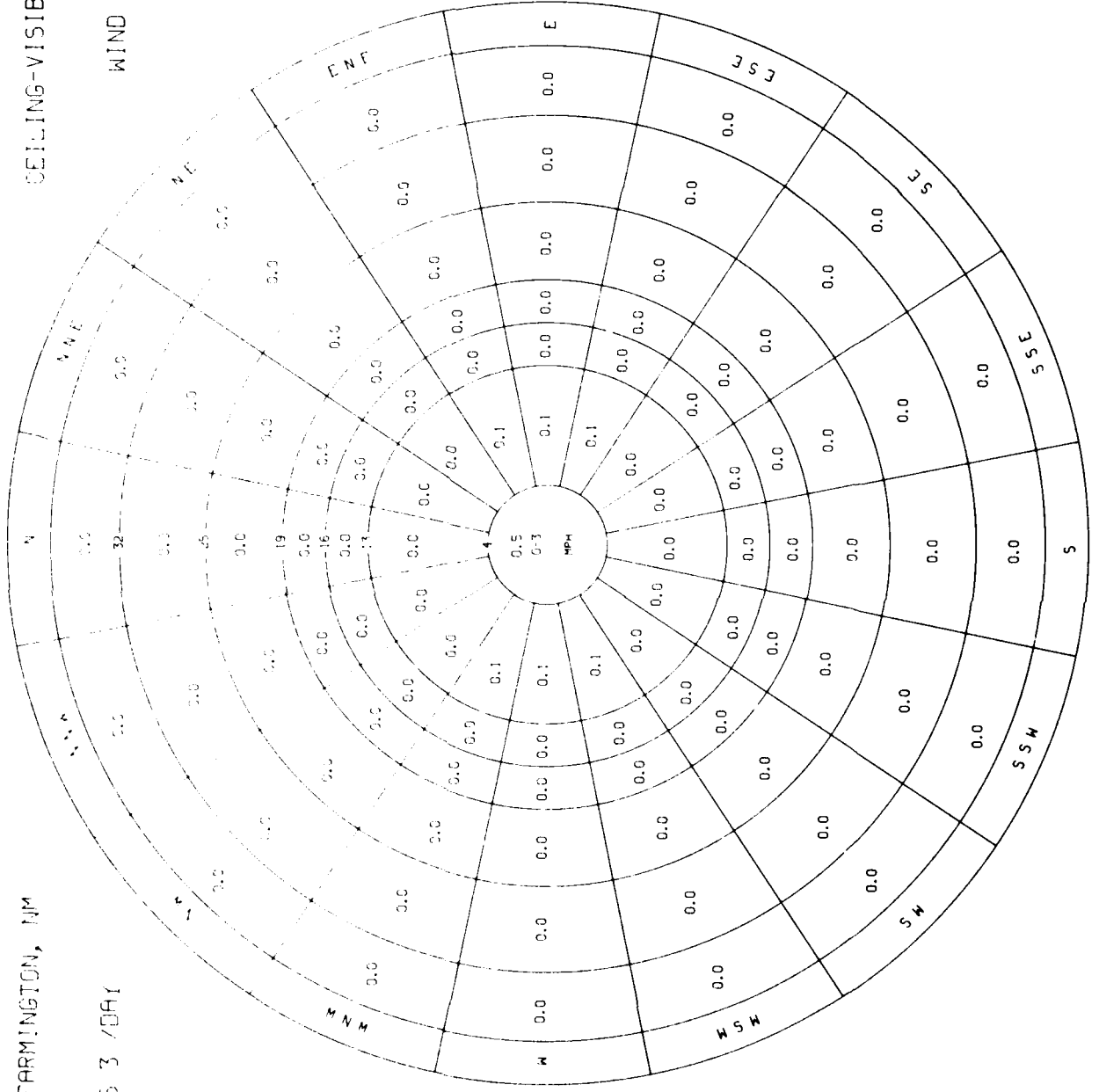
D I R	SPEED GROUPS (MPH)													AVG WIND SPEED					
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A			B	C	D	
N	.0	1.0	.0	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	5.7
NNE	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	5.8
NE	.0	1.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	5.8
ENE	.0	1.1	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	6.2
E	.0	.9	.2	8.4	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.2	7.6
ESE	.0	.3	.1	3.3	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	9.2
SE	.0	.5	.0	1.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	7.6
SSE	.0	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.3
S	.0	.2	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.1
SSW	.0	.6	.0	.9	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.8	7.8
SW	.0	.9	.1	2.4	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.8	7.3
WSW	.0	.7	.1	4.9	.0	.8	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.2	6.9	9.1
W	.0	1.0	.2	8.7	.0	1.3	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.4	13.2	10.1
WNW	.0	.2	.1	4.2	.0	.2	.0	.5	.0	.6	.0	.1	.0	.0	.0	.0	.2	6.1	10.6
NW	.0	.3	.0	.9	.0	.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.7	9.9
NNW	.0	.3	.0	.5	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.1	9.0
CALM	.9	33.3															.9	33.3	
TOTAL	1.2	43.1	1.2	46.5	.1	5.1	.1	2.6	.1	2.2	.0	.5	.0	.0	.0	.0	2.7	100	5.6

CEILING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, NM

CLASS 3 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMV FARMINGTON, NM

CLASS: 1141

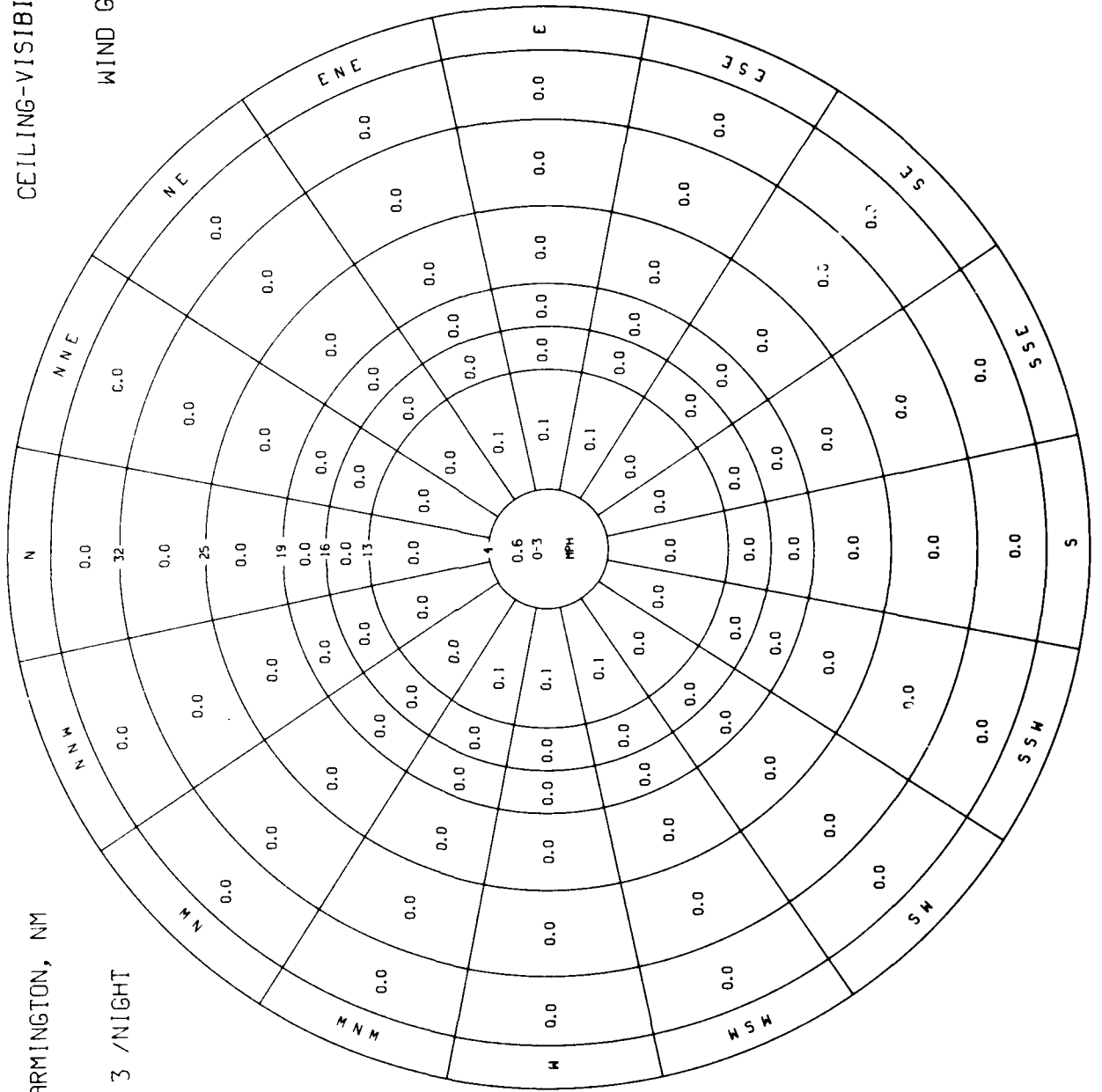
NO. OBS.: 671

STATION NUMBER: 23390

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED								
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL				
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C		A	B	C	A	B	C		
N	.0	.9		.2	2.7		.2	.1		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.1	3.7	6.6
NNE	.0	.4		.2	1.3		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.0	1.8	6.9
NENE	.0	.1		.0	1.2		.2	.1		.2	.3		.2	.2		.2	.2		.2	.2		.2	.2		.0	2.4	8.4
ENE	.0	.9		.1	4.9		.2	.6		.2	.4		.2	.2		.2	.2		.2	.2		.2	.2		.1	6.9	8.1
E	.0	.3		.1	6.7		.2	.6		.2	.3		.2	.2		.2	.2		.2	.2		.2	.2		.1	5.8	8.5
ESE	.0	.5		.1	4.3		.2	.7		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.0	1.6	8.9
SE	.0	.1		.0	1.3		.2	.2		.2	.1		.2	.2		.2	.2		.2	.2		.2	.2		.0	1.0	8.4
SSE	.0	.2		.0	1.9		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.0	1.9	9.9
S	.0	.1		.0	1.3		.2	.1		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.0	1.3	21.3
SSW	.0	.0		.0	.6		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.1	4.2	9.6
SW	.0	.9		.0	2.5		.2	.1		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.1	7.3	11.0
WSW	.0	.4		.1	5.1		.2	.3		.2	.2		.2	.2		.2	.2		.2	.2		.2	.2		.3	17.4	12.5
W	.0	2.2		.1	7.6		.2	2.1		.2	2.4		.2	.6		.2	.3		.2	.4		.2	.3		.2	10.3	13.7
WNW	.0	.4		.1	4.6		.2	.3		.2	2.1		.2	.2		.2	.2		.2	.4		.2	.2		.1	3.6	11.2
NW	.0	.0		.0	2.7		.2	.3		.2	.3		.2	.3		.2	.2		.2	.2		.2	.2		.0	1.0	12.2
NNW	.0	.0		.0	.6		.2	.1		.2	.1		.2	.1		.2	.1		.2	.1		.2	.1		.4	21.2	
CALM	.4	21.2																							1.7	100	
TOTAL	.5	29.4		.8	49.0		.1	6.7		.1	6.9		.1	3.9		.1	3.1		.1	3.1		.0	1.0		1.7	100	8.3

CEILING-VISIBILITY  
WIND GRAPH

FMN FARMINGTON, NM  
CLASS 3 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 3 / NIGHT

NO. OBS.: 538

STATION NUMBER: 23090

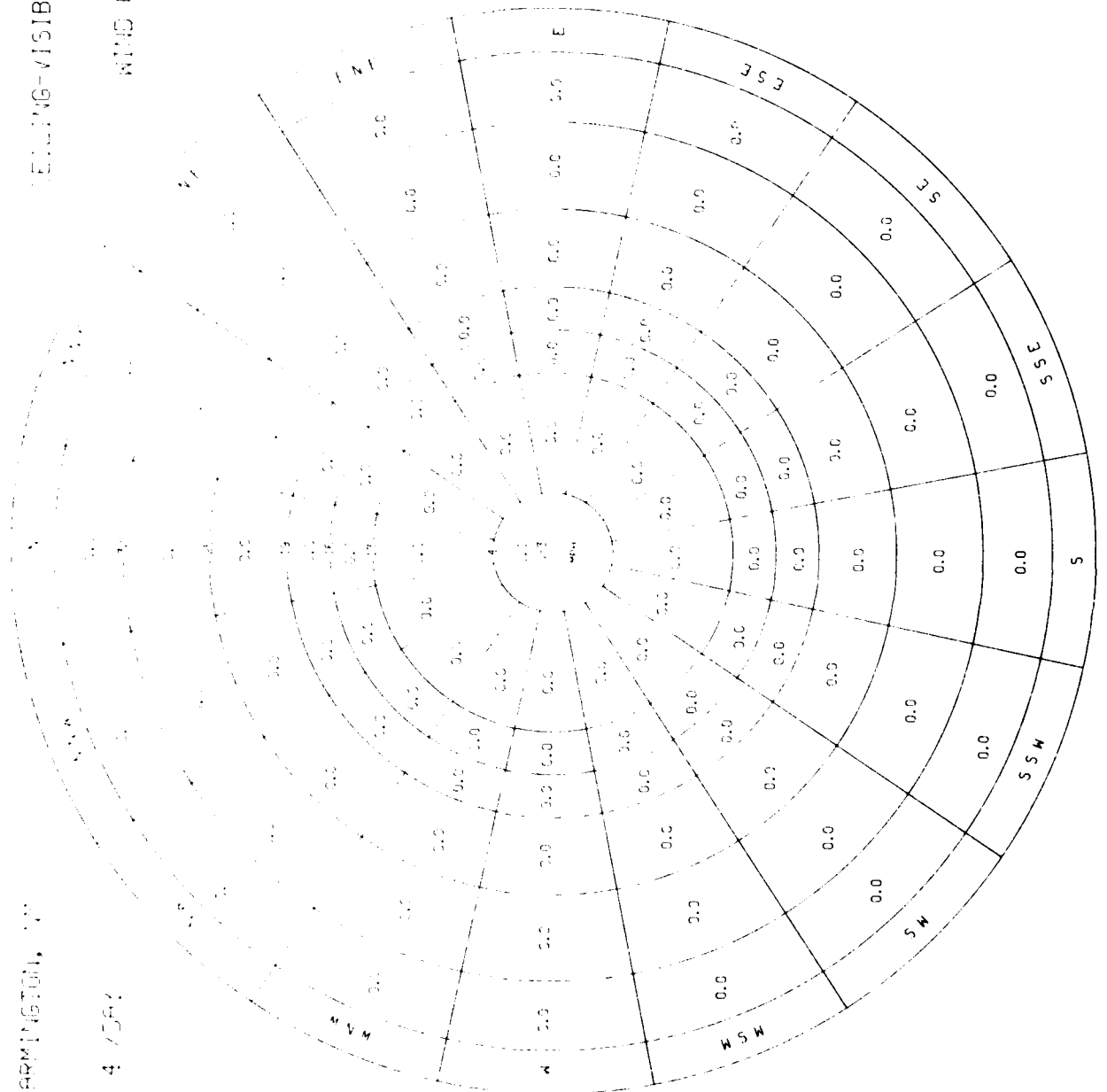
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.1	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.1
NNE	.0	.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.1
NE	.0	.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.1
ENE	.0	1.3	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	.1	5.6	6.4
E	.0	.7	.1	8.7	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.2	10.6	.2	10.6	8.0
ESE	.0	.4	.1	3.9	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.1	5.8	.1	5.8	9.5
SE	.0	.4	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.5
SSE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.3
S	.0	.4	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.3
SSW	.0	.6	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.7
SW	.0	.7	.0	2.2	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1	3.7	.1	3.7	8.3
WSW	.0	.2	.1	5.9	.0	.9	.0	.0	.0	.2	.0	.2	.0	.0	.1	7.4	.1	7.4	9.9
W	.0	.9	.1	7.6	.0	1.1	.0	1.7	.0	1.5	.0	.0	.0	.0	.2	12.8	.2	12.8	11.1
WNW	.0	.2	.1	4.8	.0	.0	.0	.7	.0	.6	.0	.2	.0	.0	.1	6.5	.1	6.5	10.7
NW	.0	.2	.0	1.3	.0	.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	2.2	.0	2.2	11.3
NNW	.0	.4	.0	.4	.0	.0	.0	.2	.0	.2	.0	.2	.0	.0	.0	1.3	.0	1.3	11.0
CALM	.5	29.6	.8	49.6	.1	5.8	.1	3.7	.0	2.8	.0	.7	.0	.0	.0	1.6	.0	1.6	6.3
TOTAL	.6	37.4	.8	49.6	.1	5.8	.1	3.7	.0	2.8	.0	.7	.0	.0	.0	1.6	.0	1.6	6.3

WINDING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, VT

CLASS 4 / 594



CEILING-VISIBILITY WIND TABULATIONS  
 ANNUAL

STATION NAME: FMO, FARMINGTON, NM

PERIOD: 1954-1978

CLASS 4 / DAY

STATION NUMBER: 23090

NO. OBS.: 130

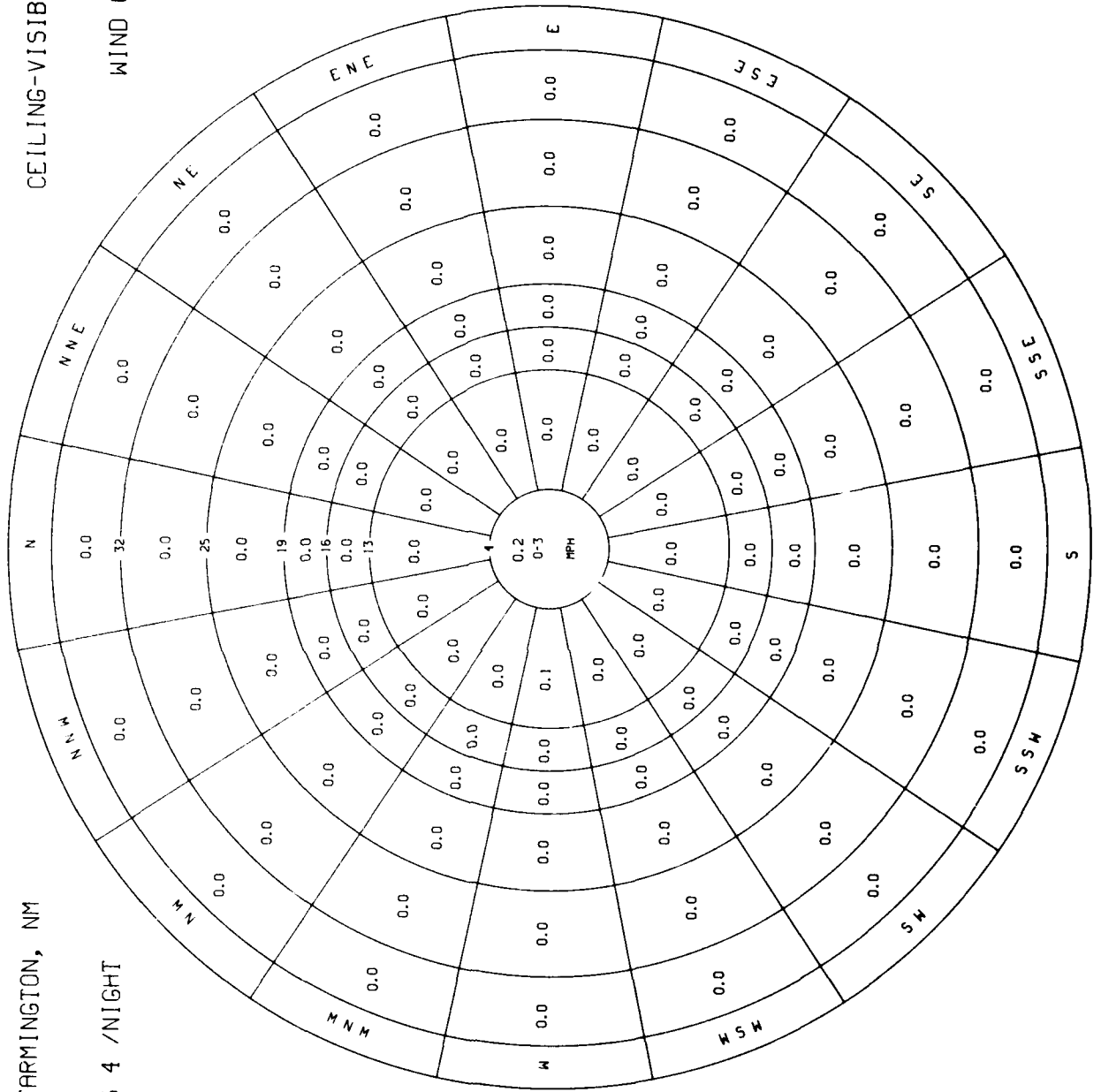
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.7
NNE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.8
NE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	8.9
ENE	.0	1.5	.0	3.8	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	6.9	10.0
E	.0	.0	.0	12.3	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	9.3
ESE	.0	.8	.0	3.1	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	10.3
SE	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.0
SSE	.0	.8	.0	1.5	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	10.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	21.5
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	14.7
WSW	.0	.8	.0	4.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	11.2
W	.0	.8	.0	5.4	.0	2.3	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	12.3	13.5
WNW	.0	.8	.0	4.6	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	9.5
NW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	29.0
CALM	.1	26.9																.1	26.9
TOTAL	.1	33.1	.2	49.2	.0	6.9	.0	3.8	.0	3.1	.0	1.5	.0	2.3	.3	100			7.8

FMN FARMINGTON, NM

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 4 / NIGHT

NO. OBS.: 148

STATION NUMBER: 23090

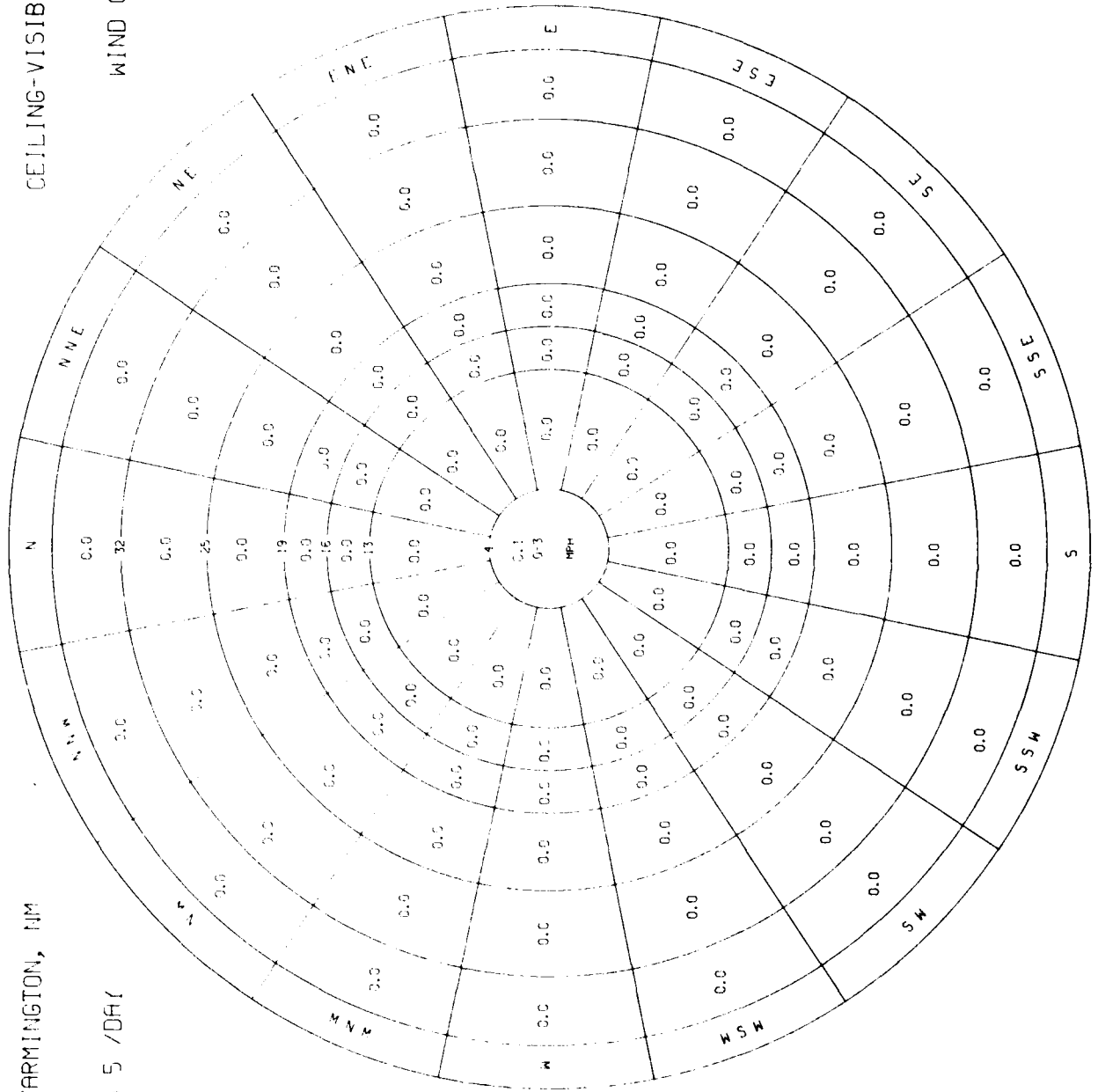
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.0
NNE	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.0
NE	.0	2.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.0
ENE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.7
E	.0	.7	.0	9.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	7.8
ESE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	9.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.3
S	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
SSW	.0	.0	.0	1.4	.0	.7	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	2.7	13.0
SW	.0	1.4	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.7
WSW	.0	.7	.0	3.4	.0	.7	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	5.4	9.0
W	.0	2.0	.1	13.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	18.2	8.7
WNW	.0	.0	.0	4.1	.0	1.4	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	6.1	10.3
NW	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.0
NNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
CALM	.1	32.4															.1	32.4	
TOTAL	.2	43.2	.2	48.6	.0	6.1	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.5	100	5.3	

CEILING-VISIBILITY

WIND GRAPH

FMN FARMINGTON, NM

CLASS 5 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FMN FARMINGTON, NM

PERIOD: 1954-1978

CLASS 5 / DAY

STATION NUMBER: 23090

NO. OBS.: 50

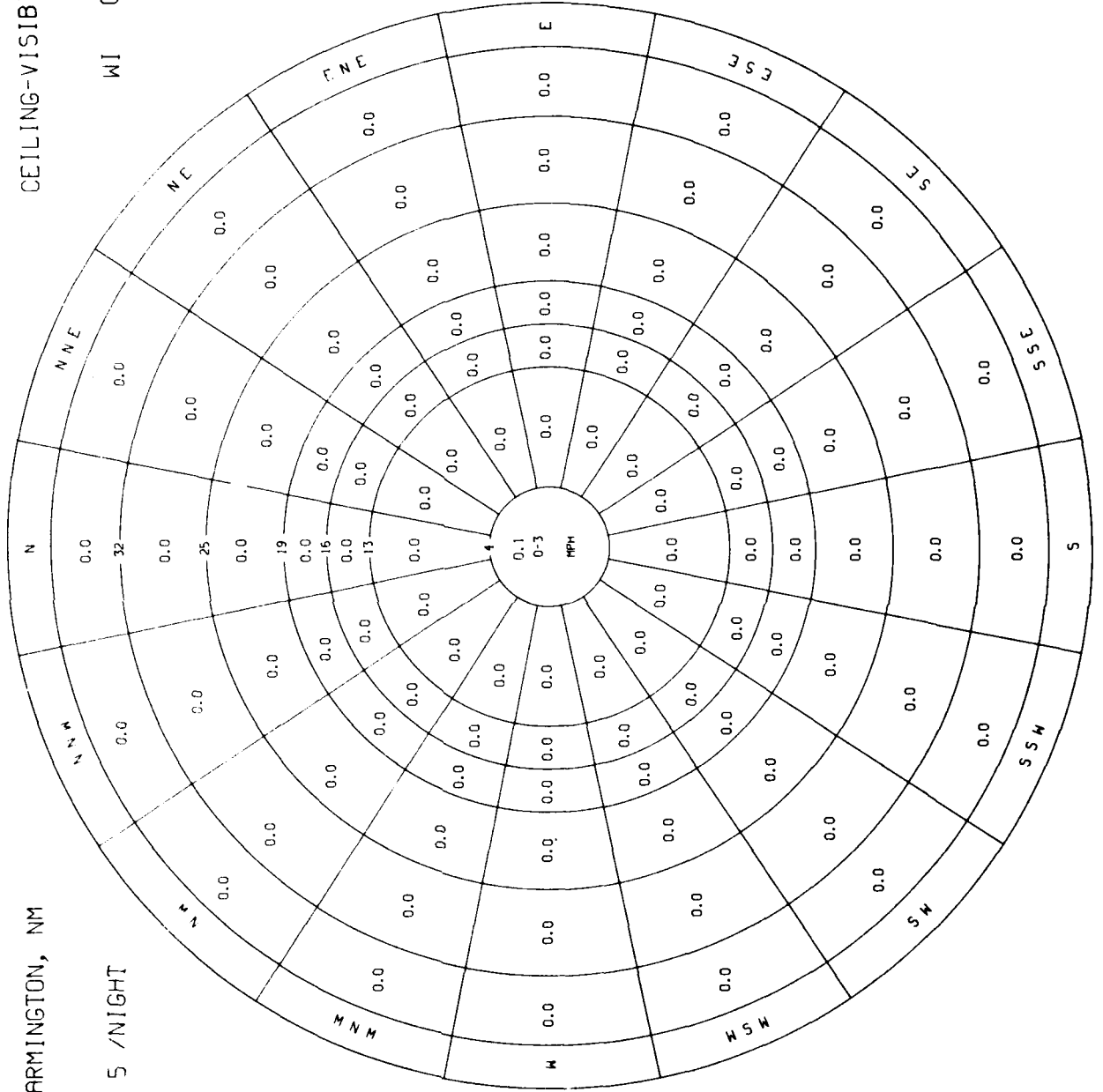
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0
ENE	.0	2.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.0
E	.0	2.0	.0	6.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	8.2
ESE	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	6.8
SE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	14.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	4.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	11.0
WSW	.0	.0	.0	6.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	6.8
W	.0	.0	.0	6.0	.0	.0	.0	2.0	.0	.0	.0	.0	2.0	.0	.0	.0	10.0	13.2
WNW	.0	.0	.0	.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	15.5
NW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	6.0	10.3
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	28.0															28.0	
TOTAL	.1	42.0	.0	40.0	.0	10.0	.0	4.0	.0	2.0	.0	2.0	.0	.0	.0	.1	100	6.2

CEILING-VISIBILITY

WI GRAPH

FMN FARMINGTON, NM

CLASS 5 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS 5 / NIGHT

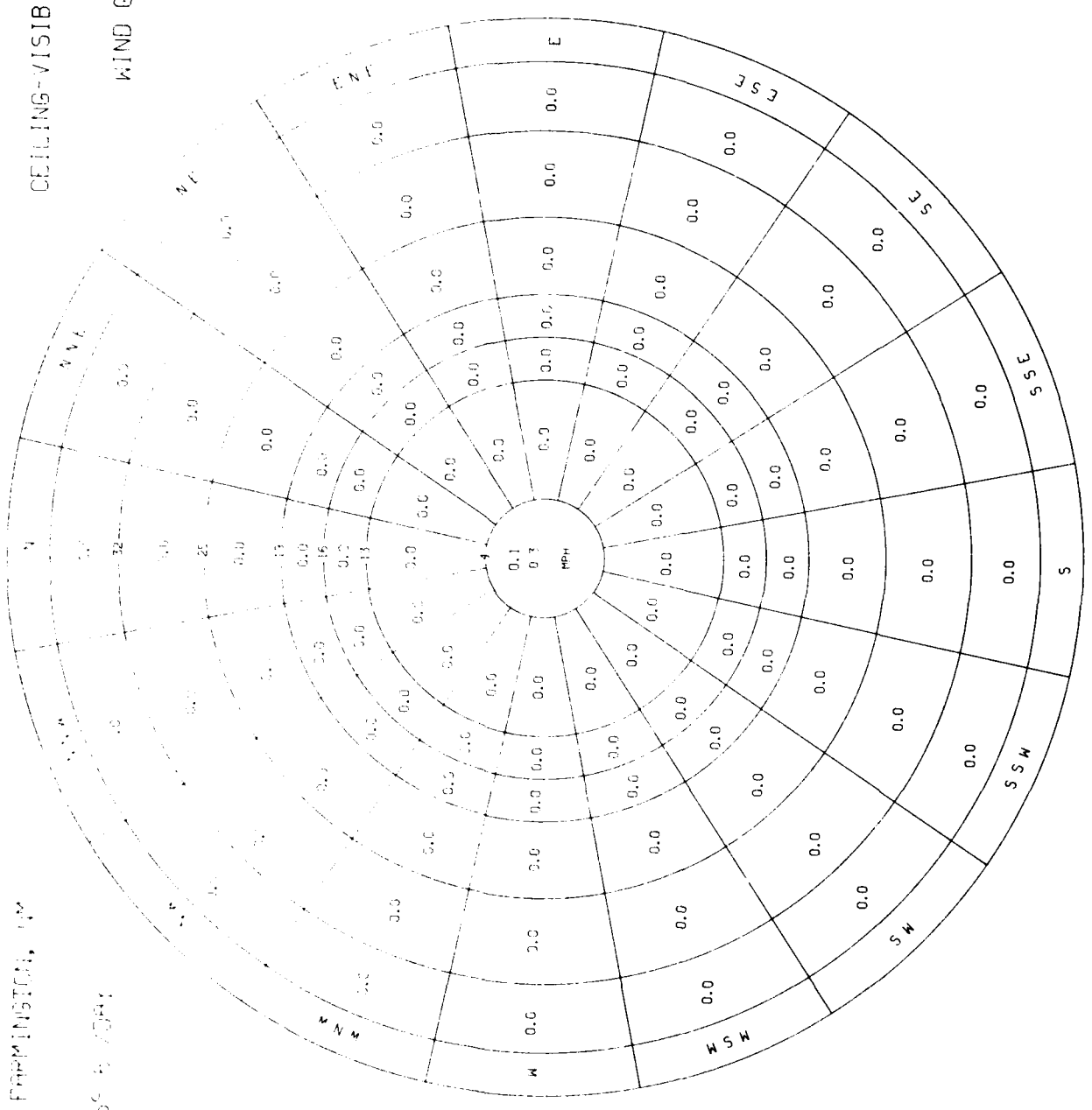
NO. OBS.: 75

STATION NUMBER: 23090

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED						
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL		
	A	B		A	B		A	B		A	B		A	B		A	B			A	B		C	D	
N	.0	.0		.0	2.7		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	2.7		6.0
NNE	.0	2.7		.0	1.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	4.0		3.0
NE	.0	1.3		.0	1.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	2.7		4.5
ENE	.0	1.3		.0	4.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	5.3		7.5
E	.0	2.7		.0	9.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	12.0		5.5
ESE	.0	.0		.0	5.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	5.3		8.2
SE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0
SSE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0
S	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0
SSW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	4.0		6.7
SW	.0	1.3		.0	2.7		.0	.0		.0	1.3		.0	.0		.0	.0		.0	.0		.0	8.0		8.3
WSW	.0	1.3		.0	4.0		.0	1.3		.0	1.3		.0	.0		.0	.0		.0	.0		.0	5.7		9.0
W	.0	.0		.0	5.3		.0	.0		.0	1.3		.0	.0		.0	.0		.0	.0		.0	7.7		12.4
WNW	.0	1.3		.0	2.7		.0	1.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0
NW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	1.3		3.0
NNW	.0	1.3		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	1.3		3.0
CALM	.1	41.3																				.1	41.3		
TOTAL	.1	54.7		.1	38.7		.0	2.7		.0	2.7		.0	2.7		.0	1.3		.0	1.3		.0	2.7		.2
																									100

CEILING-VISIBILITY

WIND GRAPH



FMN FARMINGTON, NM

CROSS 6 7044

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMN FARMINGTON, NM

CLASS: 6 / DAY

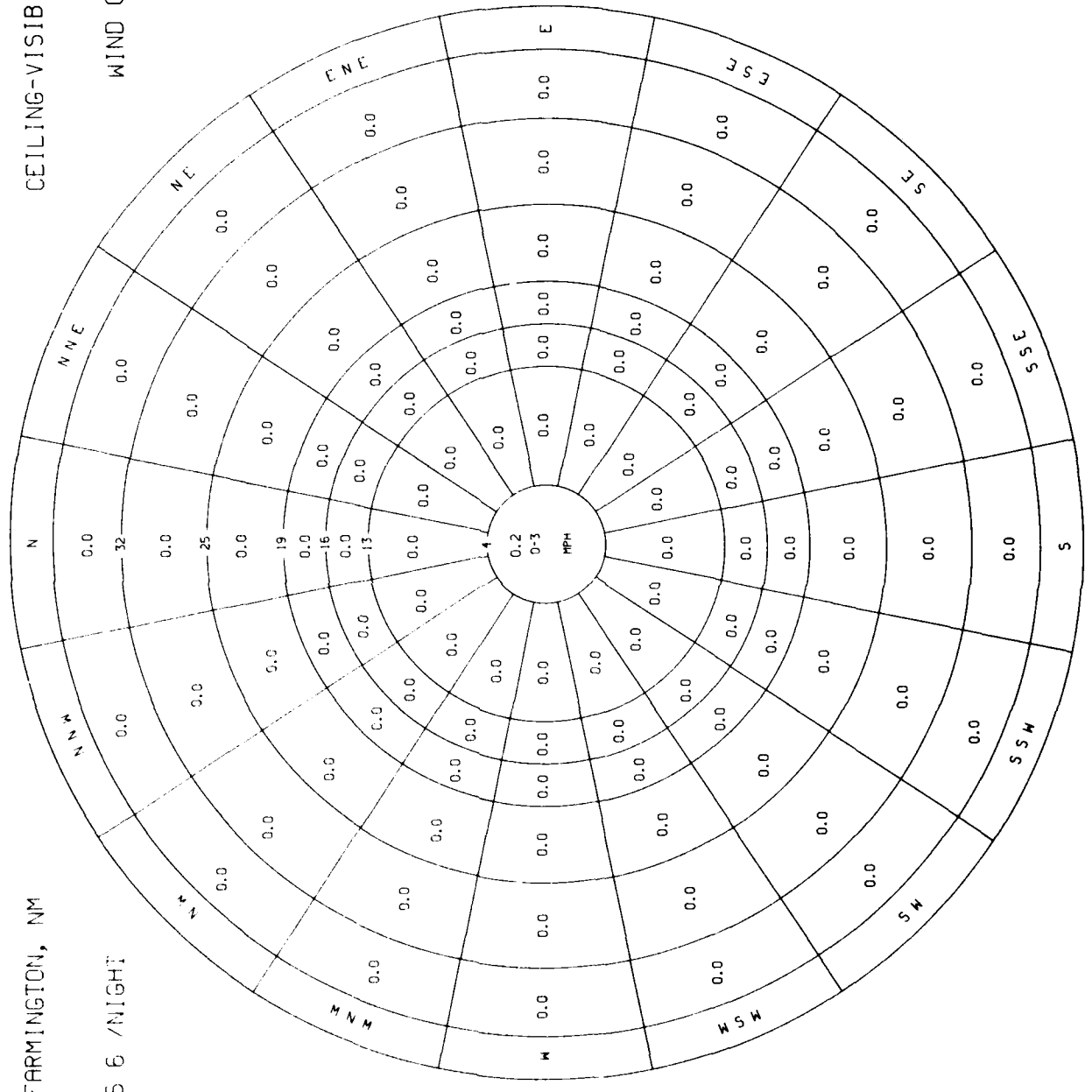
NO. OBS.: 43

STATION NUMBER: 23090

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.5	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NENE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.0	
ENE	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.0	
E	.0	4.7	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	4.5	
ESE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0	
SW	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	7.0	.0	11.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.9	7.9	
WNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	14.5	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	41.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	41.9	.0	
TOTAL	.1	55.8	.0	37.2	.0	.0	.0	2.3	.0	2.3	.0	2.3	.0	.0	.0	.1	100	4.6	

CEILING-VISIBILITY  
WIND GRAPH

FMN FARMINGTON, NM  
CLASS 6 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: FMY FARMINGTON, NM

CLASS 6 / NIGHT

NO. OBS.: 113

STATION NUMBER: 23096

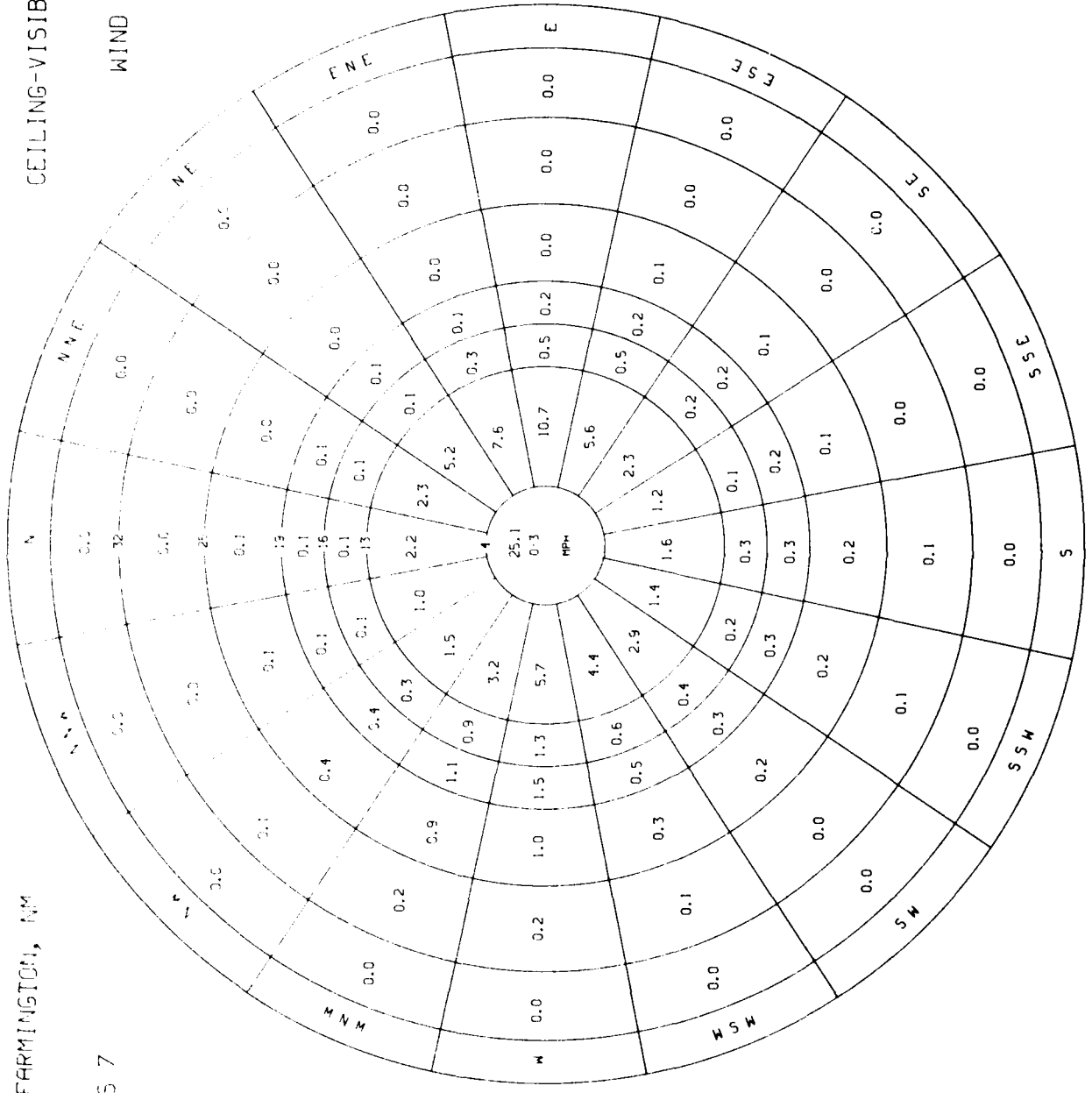
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.5	
NNE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0	
NE	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.0	
ENE	.0	1.8	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.7	
E	.0	.9	.0	4.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.6	
ESE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0	
SE	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.0	
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.0	
S	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.0	
SSW	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.5	
SW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0	
WSW	.0	2.7	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.2	
W	.0	.9	.0	9.7	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	12.4	8.1	
WNW	.0	.0	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.2	
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0	
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0	
CALM	.2	46.9															2	46.9	
TOTAL	.2	62.8	.1	33.6	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.3	100	3.1	

CEILING-VISIBILITY

WIND GRAPH

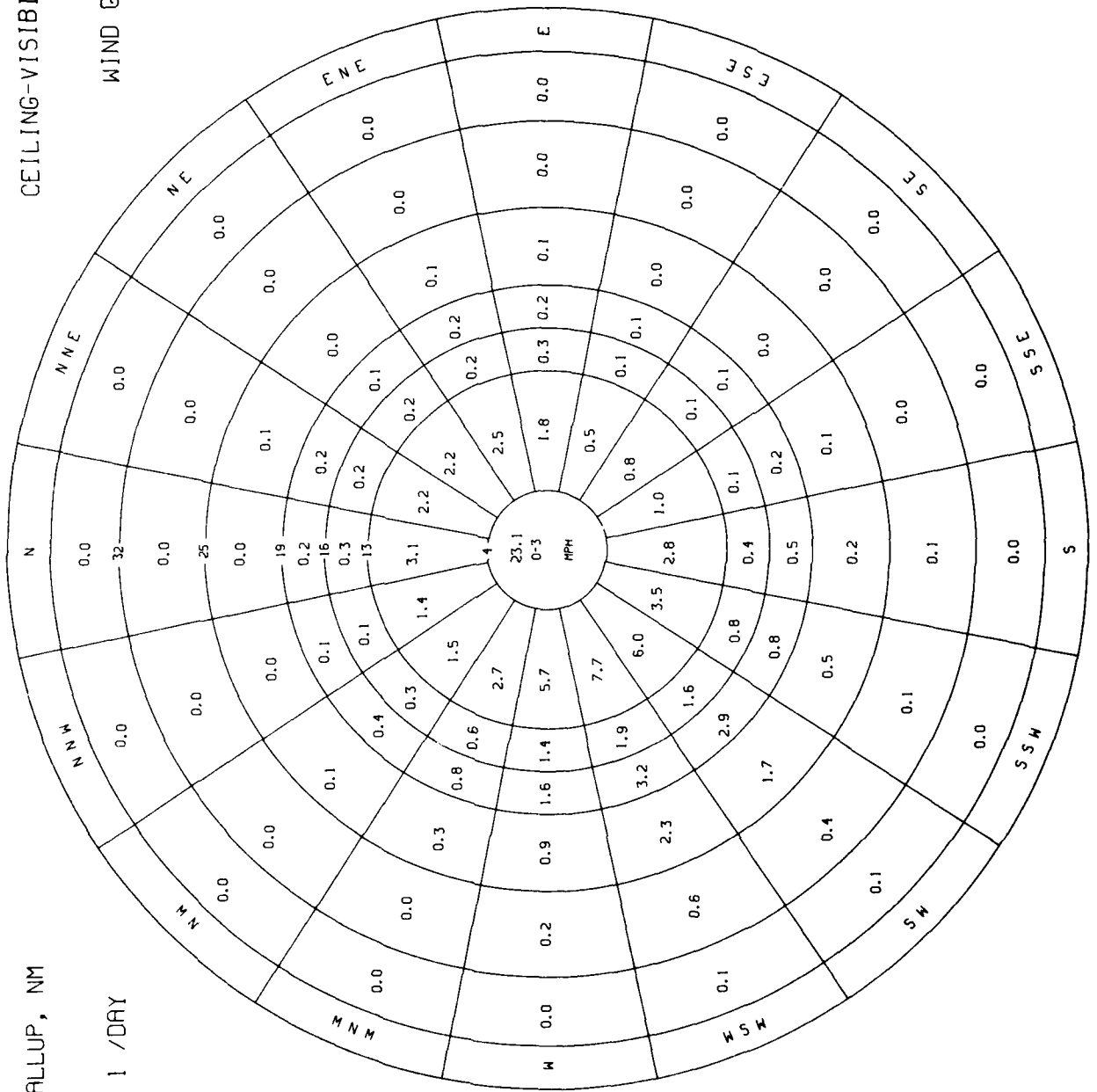
FMN FARMINGTON, NM

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



GUP GALLUP, NM

CLASS 1 / DAY

PRECEDING PAGE BLANK-NOT FILLED

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 1 / DAY

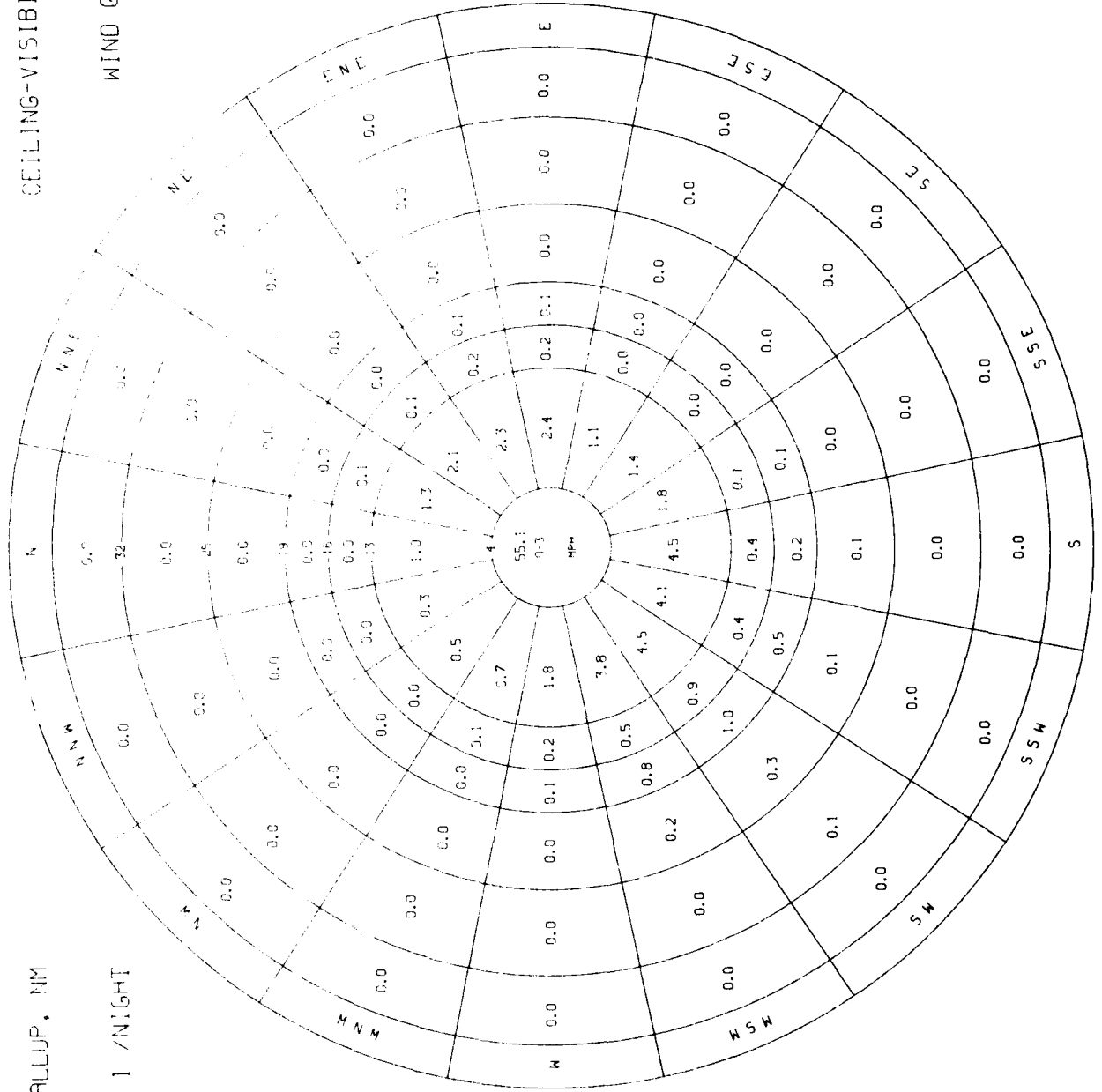
NO. OBS.: 9124

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED															
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL																			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D																		
N	.0	.0	3.1	3.2	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.8	9.3															
NNE	.0	.0	2.2	2.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7	2.8	9.6															
NE	.0	.0	2.2	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.6	8.5															
ENE	.0	.0	2.5	2.6	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.1	9.5															
E	.0	.0	1.8	1.9	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.4	9.8															
ESE	.0	.0	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	10.1															
SE	.0	.0	.8	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1	10.4															
SSE	.0	.0	1.0	1.0	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.4	10.7															
S	.0	.0	2.8	2.9	.4	.4	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	4.1	4.2	11.0															
SSW	.1	.1	3.5	3.6	.8	.8	.8	.8	.5	.6	.1	.1	.0	.0	.0	.0	5.8	6.0	12.3															
SW	.0	.0	6.0	6.2	1.6	1.6	2.9	3.0	1.7	1.8	.4	.4	.1	.1	.1	.1	12.5	13.0	13.9															
MSW	.0	.0	7.7	8.0	1.9	1.9	3.2	3.4	2.3	2.3	.5	.6	.1	.1	.1	.1	15.7	16.3	13.8															
W	.0	.0	5.7	5.9	1.4	1.4	1.6	1.6	.9	.9	.2	.2	.0	.0	.0	.0	9.7	10.1	12.2															
WNW	.0	.0	2.7	2.8	.6	.6	.8	.8	.3	.3	.0	.0	.0	.0	.0	.0	4.3	4.5	11.6															
NW	.0	.0	1.5	1.6	.3	.3	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.4	11.1															
NNW	.0	.0	1.4	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.8	9.2															
CALM	22.8		23.6														22.8		23.6															
TOTAL	23.1		23.9		45.4		47.1		8.4		8.7		11.6		12.0		6.4		6.7		1.4		1.4		.2		.2		96.4		100		9.2	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

CLASS: 1 / NIGHT

STATION NUMBER: 23081

NO. OBS.: 7688

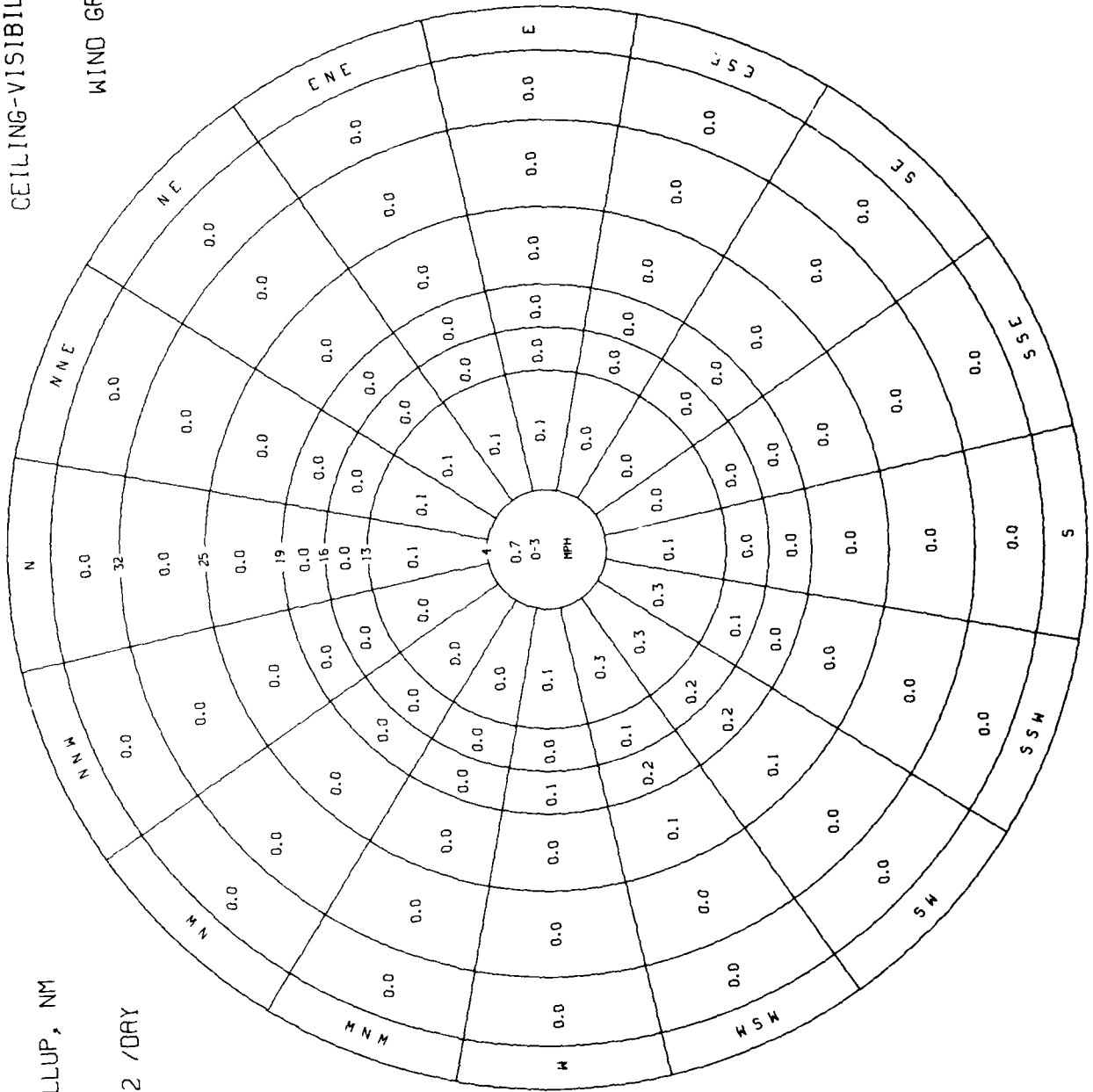
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1	8.0
NNE	.0	.0	1.3	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.5	7.6
NE	.0	.0	2.1	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.3	7.3
ENE	.0	.0	2.3	2.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.7	8.4
E	.0	.0	2.4	2.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.8	7.8
ESE	.0	.0	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	6.7
SE	.1	.1	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	6.8
SSE	.0	.0	1.8	1.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	8.5
S	.1	.1	4.5	4.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.2	5.4	8.8
SSW	.0	.0	4.1	4.2	.4	.4	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	5.1	5.3	10.1
SW	.0	.0	4.5	4.7	.9	1.0	1.0	1.0	.3	.3	.1	.1	.0	.0	.0	.0	6.8	7.1	11.5
WSW	.0	.0	3.8	4.0	.5	.5	.8	.9	.2	.2	.0	.0	.0	.0	.0	.0	5.5	5.7	10.7
W	.0	.0	1.8	1.9	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.3	9.1
WNW	.0	.0	.7	.8	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	9.4
NW	.0	.0	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	8.3
NNW	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	8.0
CALM	54.7	57.0															54.7	57.0	
TOTAL	55.1	57.4	33.6	35.0	3.1	3.2	3.1	3.2	.9	1.0	.1	.2	.0	.0	.0	.0	96.1	100	4.0

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 2 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 2 / DAY

NO. OBS.: 343

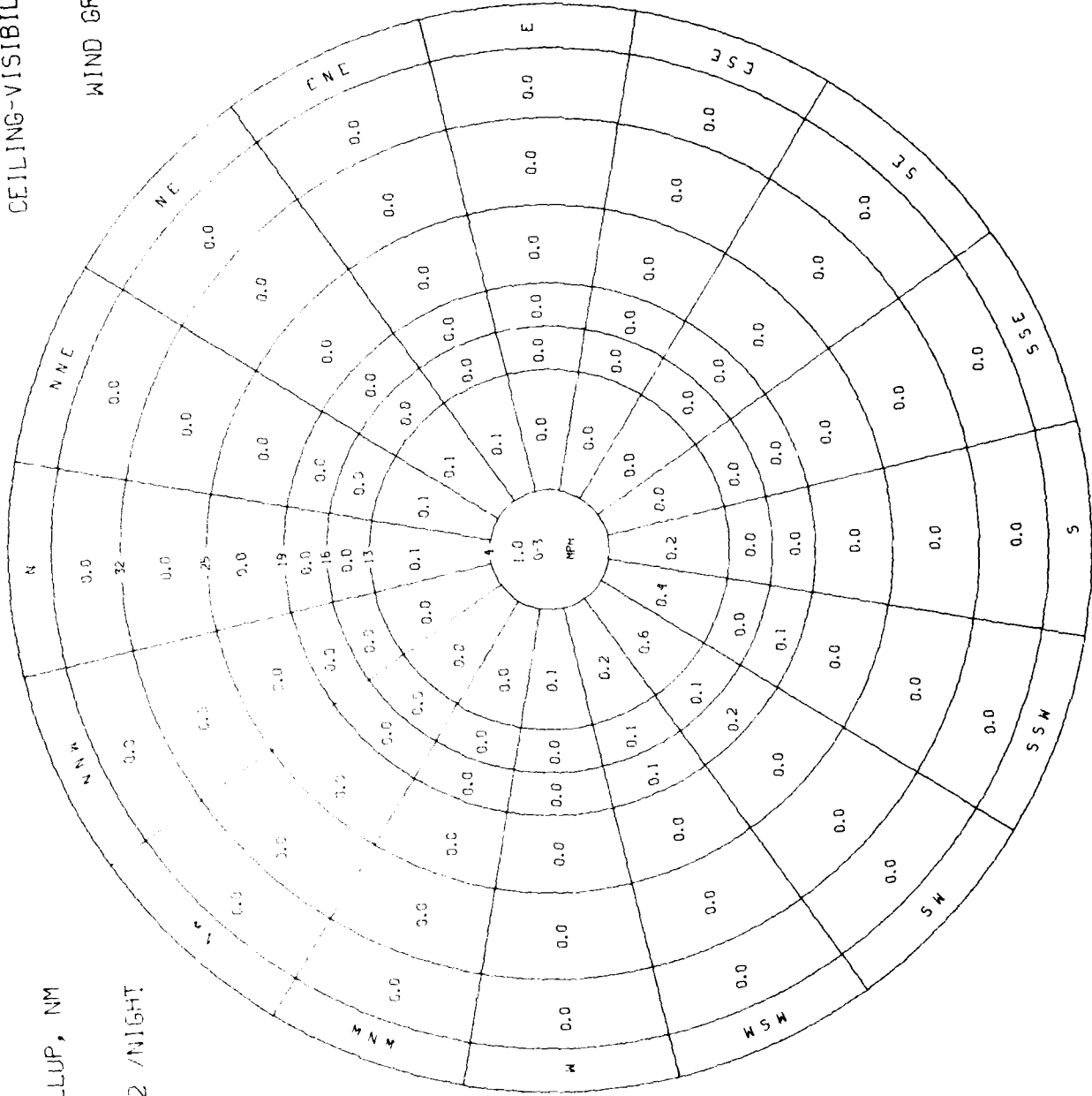
STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	4.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.7	9.0
NNE	.0	.0	.1	1.5	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	10.6
NE	.0	.0	.1	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	9.7
ENE	.0	.0	.1	4.1	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.7	10.3
E	.0	.0	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	7.4
ESE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.0
SE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
SSE	.0	.0	.0	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	11.7
S	.0	.0	.1	2.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	10.4
SSW	.0	.0	.3	7.9	.1	1.5	.0	.9	.0	.3	.0	.3	.0	.0	.0	.4	10.8	11.2	
SW	.0	.3	.3	7.3	.2	4.7	.2	4.7	.1	2.6	.0	.6	.0	.0	.7	20.1	.7	20.1	14.4
WSW	.0	.0	.3	8.2	.1	3.2	.2	4.4	.1	2.6	.0	1.2	.0	.3	.7	19.8	.7	19.8	14.7
W	.0	.3	.1	4.1	.0	.3	.1	2.3	.0	.9	.0	.0	.0	.0	.3	7.9	.3	7.9	12.3
WNW	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.6	.0	.6	15.0
NW	.0	.0	.0	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.9	.0	.9	11.3
NNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	1.5	.1	1.5	13.6
CALM	.6	17.5														.6	17.5		
TOTAL	.7	18.1	1.7	46.4	.4	11.7	.5	14.6	.3	7.0	.1	2.0	.0	.3	3.6	100	.3	3.6	10.4

CEILING-VISIBILITY  
WIND GRAPH

GUP GALLUP, NM

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

CLASS 2 / NIGHT

STATION NUMBER: 23081

NO. OBS.: 314

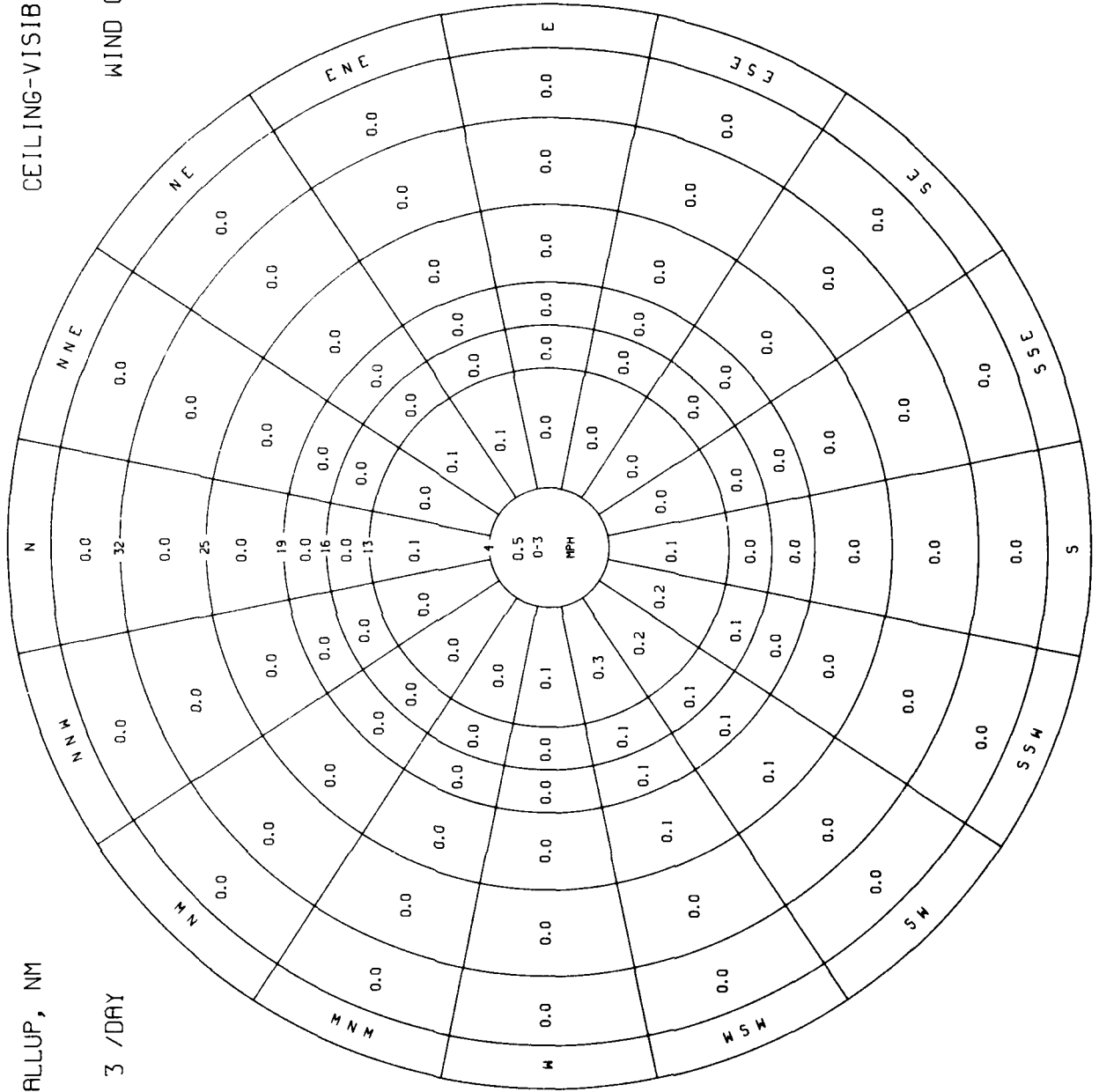
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	7.8
NNE	.0	.3	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	6.4
NE	.0	.0	.1	1.6	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	10.5
ENE	.0	.0	.1	3.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	8.6
E	.0	.0	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	7.6
ESE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
SE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5
SSE	.0	.0	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.5
S	.0	.0	.2	5.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.7	7.1
SSW	.0	.0	.4	9.2	.0	.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.4	11.5	10.3
SW	.0	.0	.6	15.9	.1	3.5	.2	5.1	.0	1.3	.0	.3	.0	.0	.0	1.0	26.1	12.1	
WSW	.0	.3	.2	5.7	.1	1.6	.1	1.9	.0	.3	.0	.0	.0	.0	.0	.4	9.9	11.5	
W	.0	.0	.1	3.8	.0	.0	.0	.3	.0	.6	.0	.0	.0	.0	.0	.2	4.8	10.2	
WNW	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	17.0	
NW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
CALM	1.0	26.1															1.0	26.1	
TOTAL	1.0	26.8	2.1	53.5	.3	7.6	.4	9.6	.1	2.2	.0	.3	.0	.0	.0	3.9	100	7.6	

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 3 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 3 / DAY

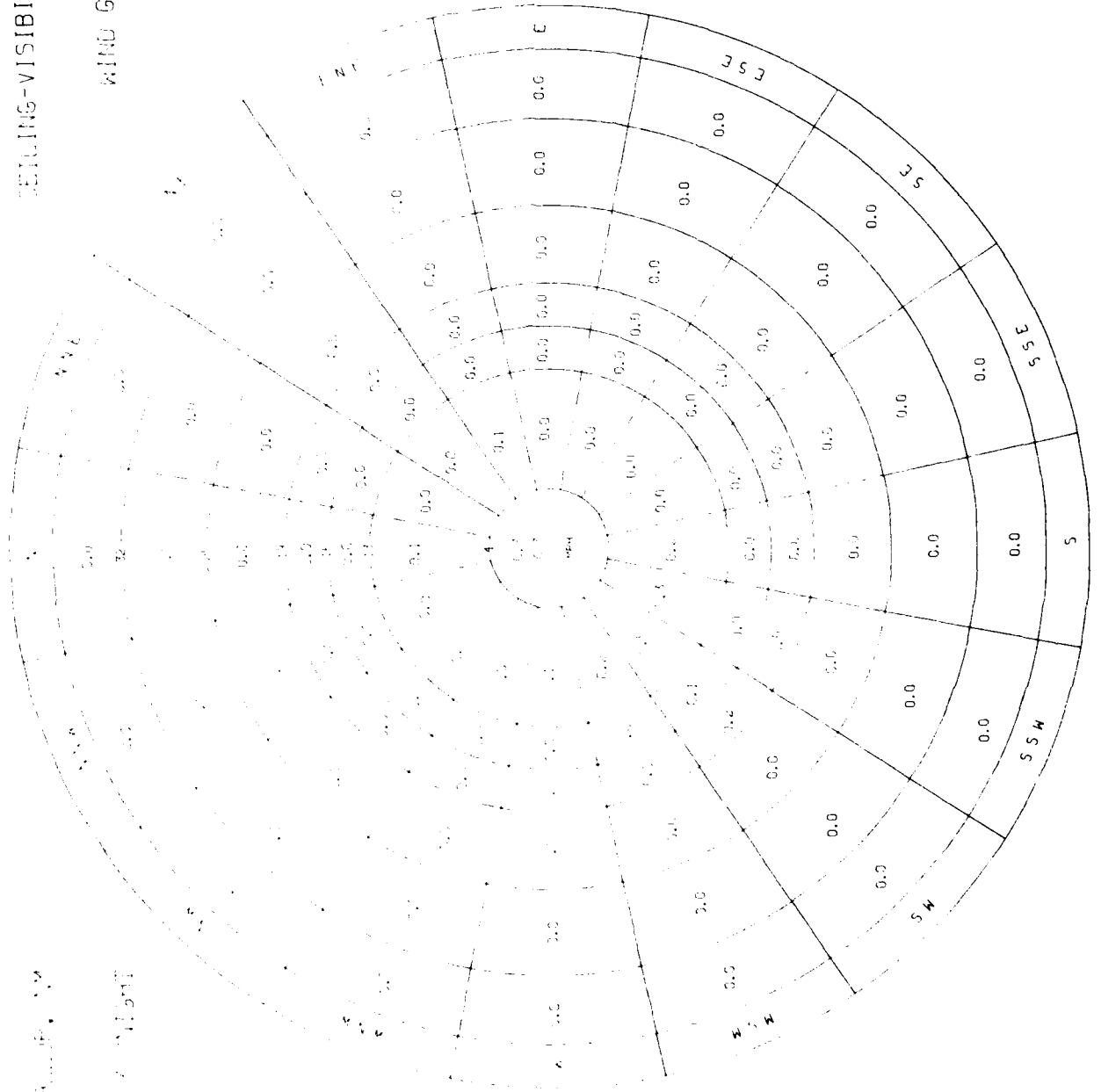
NO. OBS.: 263

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.1	3.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	9.2
NNE	.0	.0	.0	1.5	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	10.4
NNE	.0	.0	.1	1.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	9.7
ENE	.0	.0	.1	4.6	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	10.2
E	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
ESE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0
SE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
SSE	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	15.0
S	.0	.0	.1	3.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	10.3
SSW	.0	.0	.2	7.2	.1	1.9	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.3	10.3	11.2
SW	.0	.4	.2	8.4	.1	3.8	.1	5.3	.1	2.3	.0	.8	.0	.0	.0	.0	.6	20.9	14.3
WSW	.0	.0	.3	9.1	.1	3.8	.1	4.2	.1	2.7	.0	1.5	.0	.0	.0	.0	.2	6.5	10.3
W	.0	.0	.1	4.9	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	15.0
WNW	.0	.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	17.0
NW	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	14.0
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	1.5	17.1
CALM	.5	17.1																	5.17.1
TOTAL	.5	17.5	1.4	48.7	.3	11.0	.4	14.4	.2	6.1	.1	2.3	.0	.0	.0	.0	.2	8.100	10.3

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MIF SACUP, NM

PERIOD: 1973-1978

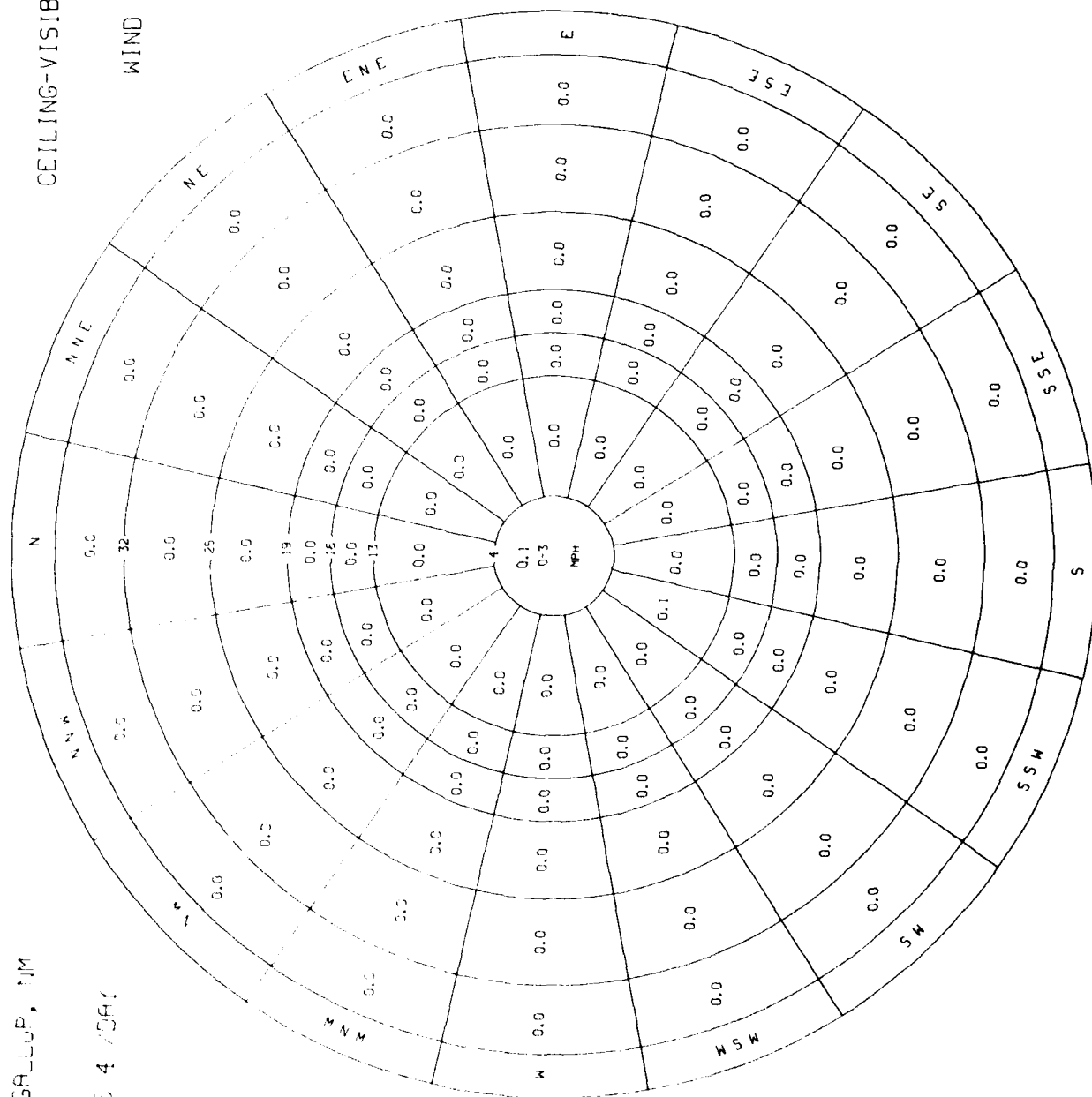
CLASS 3 / NIGHT

NO. OBS.: 233

STATION NUMBER: 23051

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	7.8	
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.5	
NE	.0	.0	.0	.9	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	2.1	11.4	
ENE	.0	.0	.1	3.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	9.0	
E	.0	.0	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	9.0	
ESE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	9.0	
S	.0	.0	.2	6.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.9	7.2	
SSW	.0	.0	.3	11.2	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.4	13.7	10.1		
SW	.0	.0	.5	16.7	.1	3.9	.2	5.6	.0	1.3	.0	.4	.0	.0	.8	27.9	12.1		
WSW	.0	.4	.2	6.0	.0	1.7	.0	1.7	.0	.4	.0	.0	.0	.0	.3	10.3	11.3		
W	.0	.0	.1	3.4	.0	.0	.0	.4	.0	.9	.0	.0	.0	.0	.1	4.7	10.9		
WNW	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	17.0		
NW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0		
NNW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0		
CALM	.6	22.3	1.6	54.9	.3	9.0	.3	10.3	.1	2.6	.0	.4	.0	.0	.6	22.3	8.2		
TOTAL	.7	22.7	1.6	54.9	.3	9.0	.3	10.3	.1	2.6	.0	.4	.0	.0	.6	22.3	8.2		

GUP SALLUP, NM  
 CLASS 4 /DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 4 / DAY

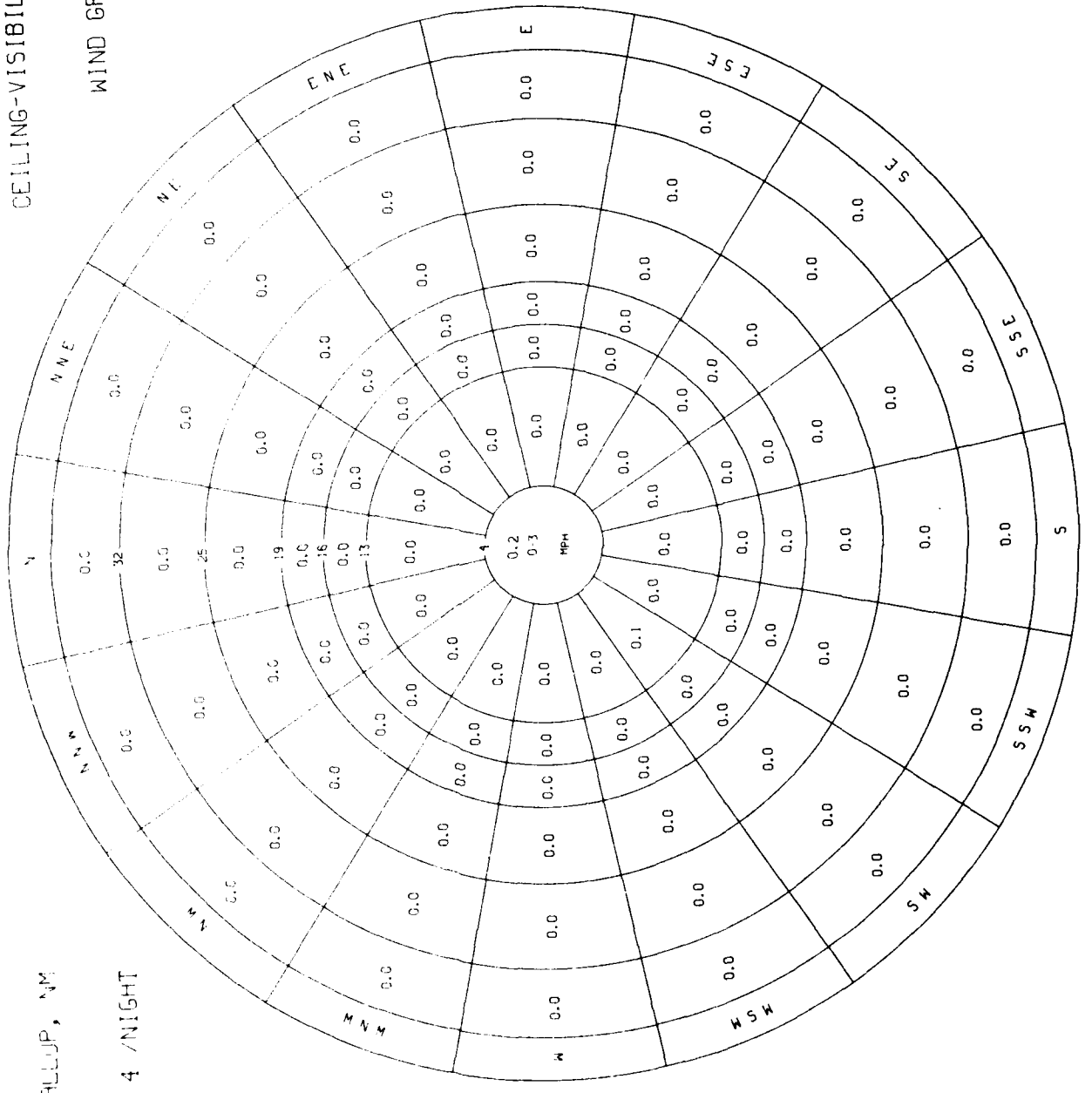
NO. OBS.: 45

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.7		
NNE	.0	.0	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.5		
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ENE	.0	.0	.0	4.4	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	6.7	11.0		
E	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.0		
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SSW	.0	.0	.1	13.3	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.1	15.6	9.7		
SW	.0	.0	.0	2.2	.0	8.9	.0	4.4	.0	4.4	.0	.0	.0	.0	.1	20.0	15.8		
WSW	.0	.0	.0	4.4	.0	2.2	.0	6.7	.0	2.2	.0	.0	.0	.0	.1	15.6	15.2		
W	.0	2.2	.0	.0	.0	.0	.0	8.9	.0	.0	.0	.0	.0	.0	.1	11.1	14.2		
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.5		
NNW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	12.0		
CALM	.1	11.1																	
TOTAL	.1	13.3	.2	42.2	.1	13.3	.1	24.4	.0	6.7	.0	.0	.0	.0	.5	100	11.0		

CEILING-VISIBILITY

WIND GRAPH



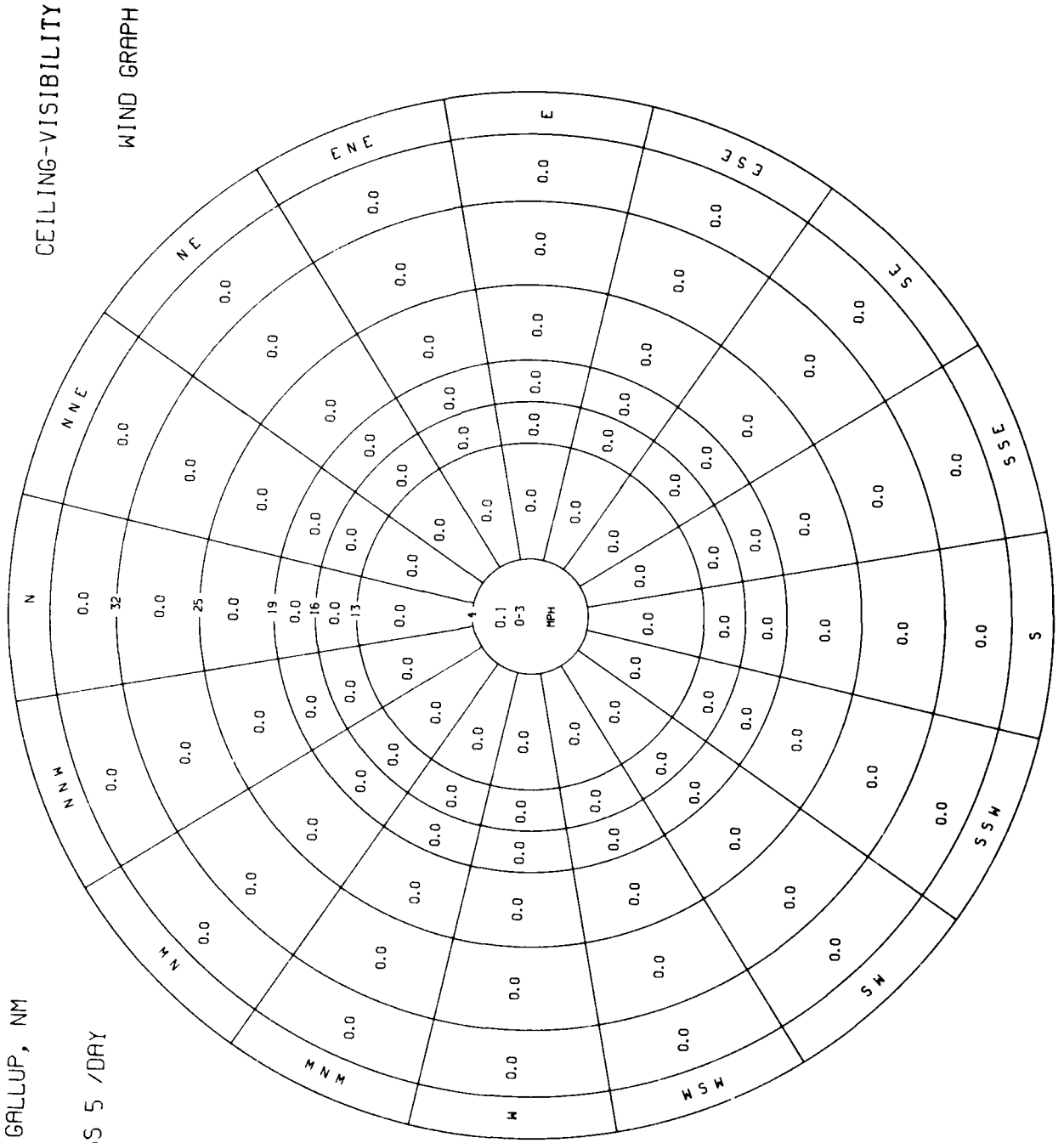
GUP GALLUP, NM

CLASS 4 / NIGHT



GUP GALLUP, NM

CLASS 5 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

CLASS 5 / DAY

STATION NUMBER: 23081

NO. OBS.: 25

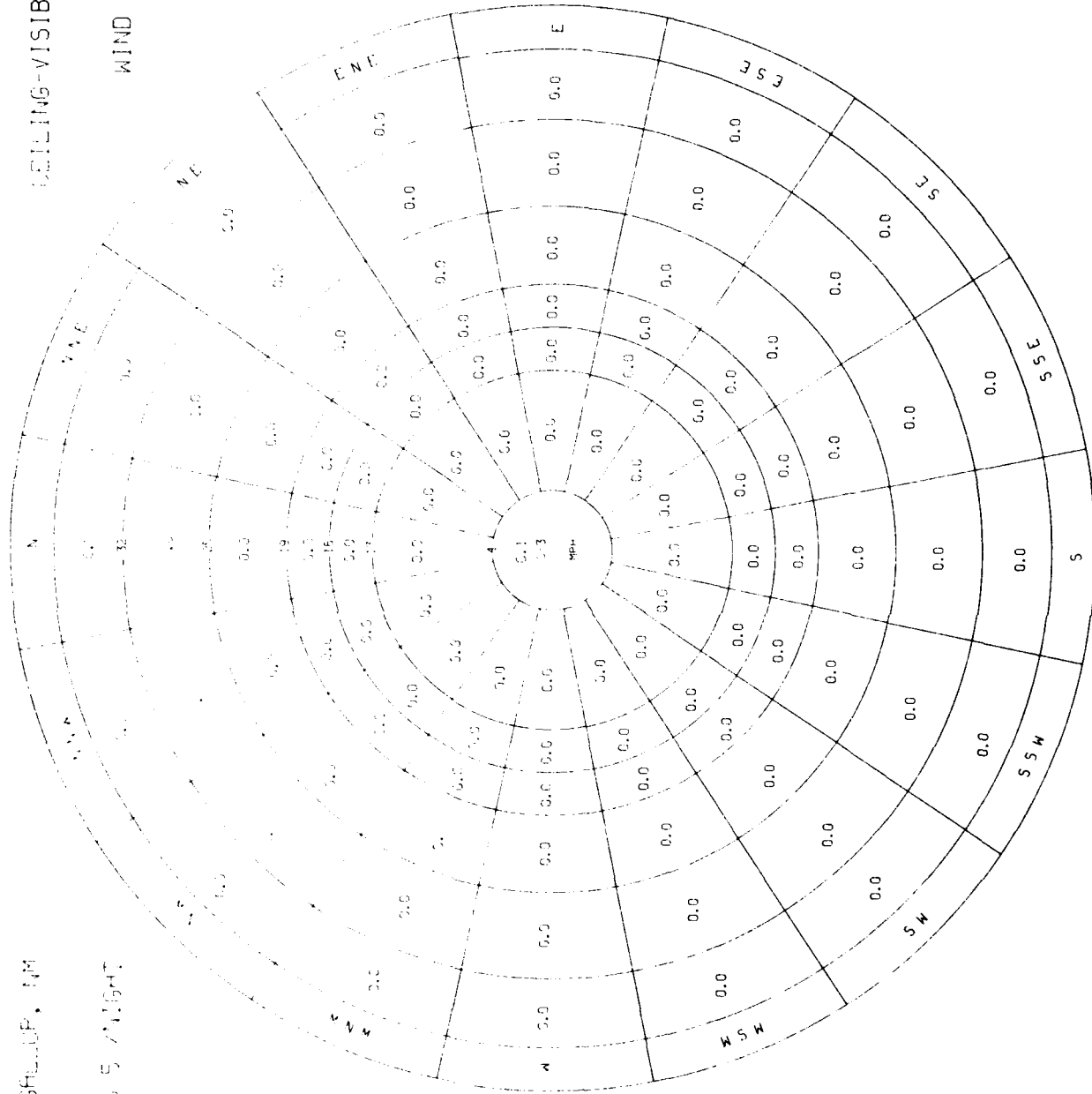
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	12.5
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	9.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	8.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	12.0
SW	.0	.0	.0	8.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	17.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.0	13.0
W	.0	.0	.0	4.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	16.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	13.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	.32.0																.1	.32.0
TOTAL	.1	.32.0	.1	40.0	.0	12.0	.0	.0	.0	8.0	.0	4.0	.0	4.0	.0	4.0	.0	3	100
																			9.3

GUP ISLAND, NM

AUGUST 5 1964

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 5 / NIGHT

NO. OBS.: 15

STATION NUMBER: 23091

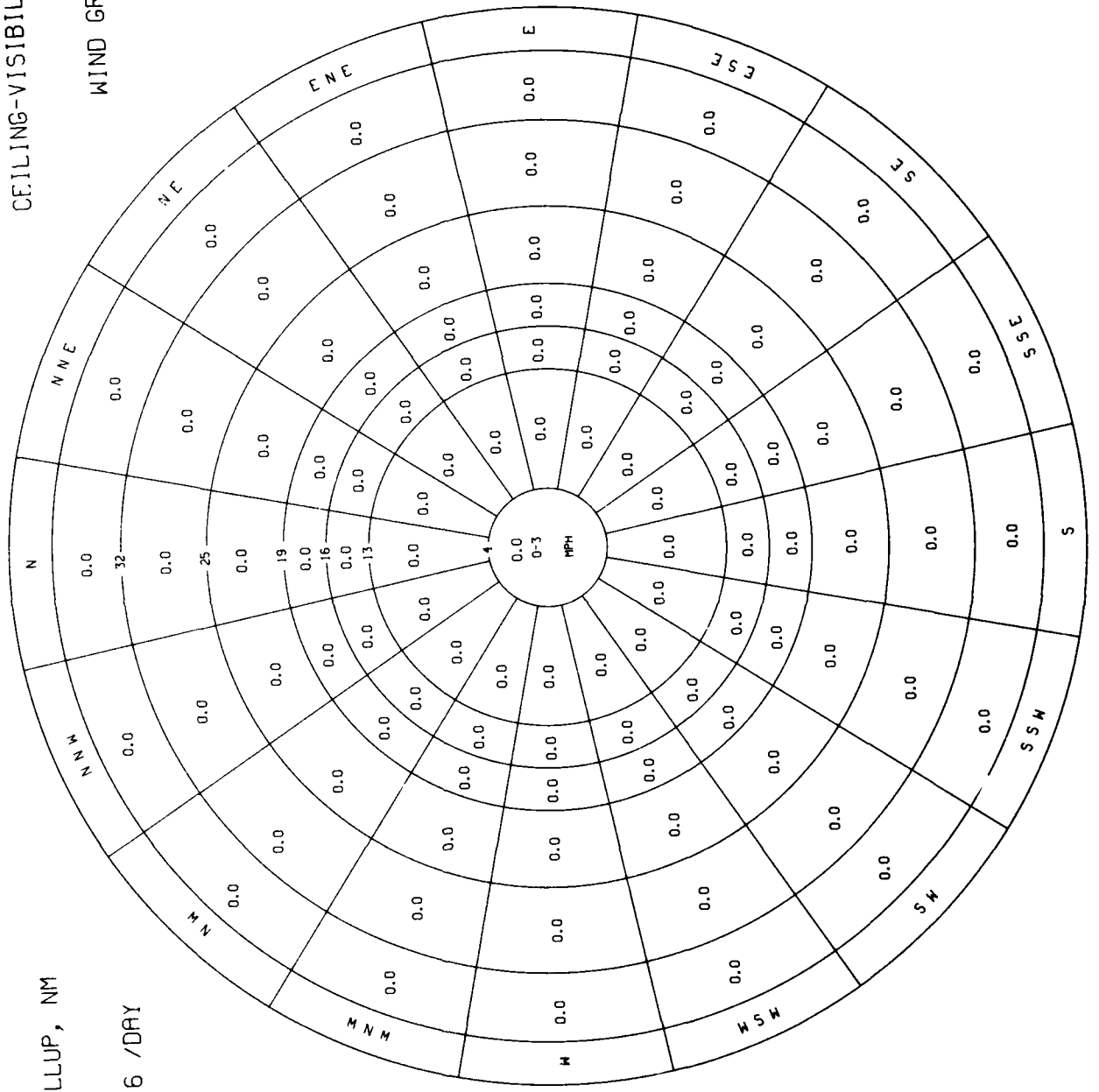
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	6.7	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	
NE	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	6.7	.0	6.7	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	15.7	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.1	53.3															.1	53.3	
TOTAL	.1	60.0	.0	26.7	.0	6.7	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.2	100	

CEILING-VISIBILITY

WIND GRAPH

GUP GALLUP, NM

CLASS 6 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: GUP GALLUP, NM

CLASS 6 / DAY

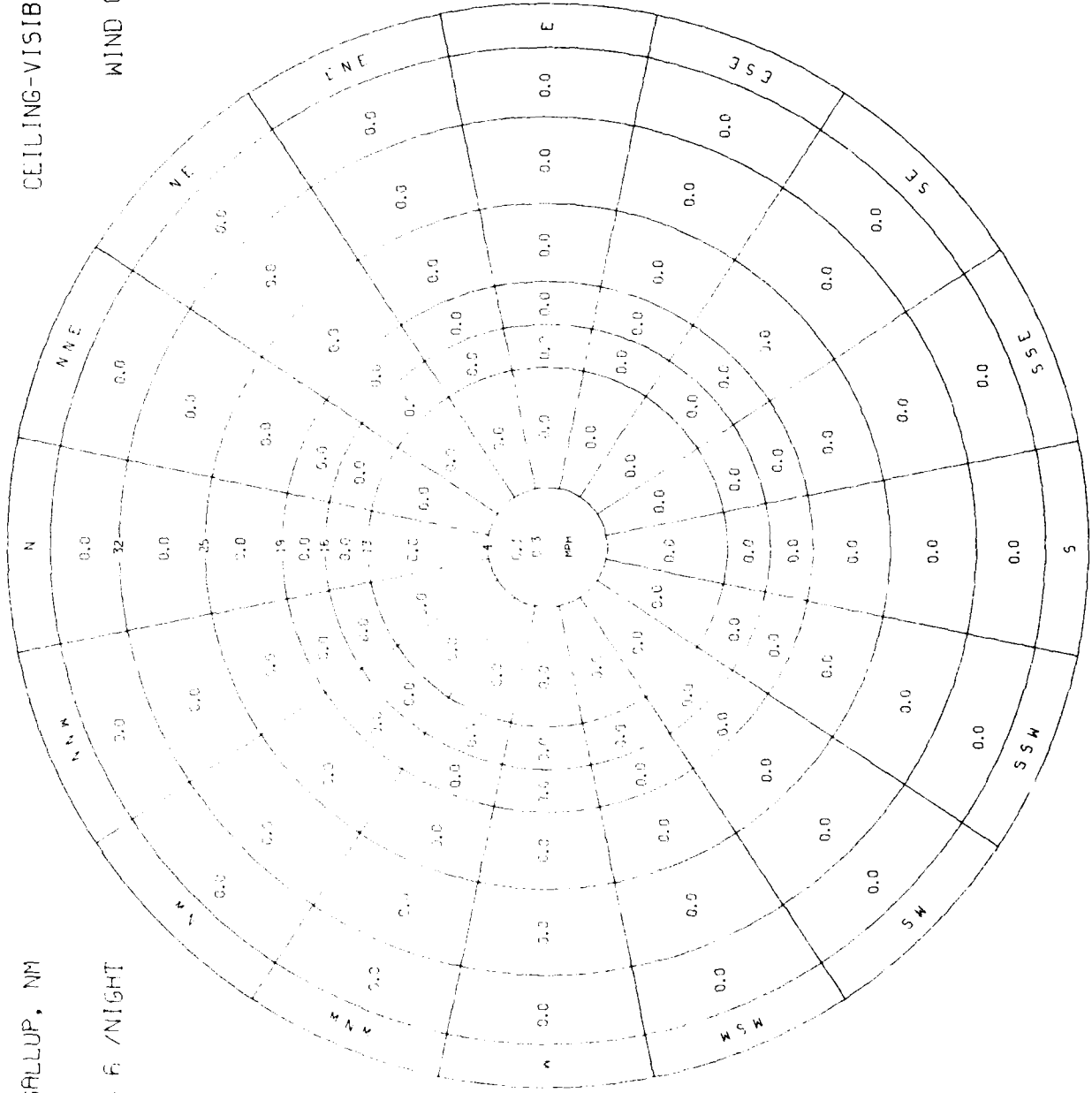
NO. OBS.: 10

STATION NUMBER: 23081

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SEE	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	
SW	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	
WSW	.0	.0	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	20.0	.0	.0	.0	.0	.0	.0	.0	.0	23.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	20.0																.0	
TOTAL	.0	20.0	.0	20.0	.0	20.0	.0	10.0	.0	30.0	.0	10.0	.0	30.0	.0	10.0	.0	13.1	

GUP GALLUP, NM

CLASS A / NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

STATION NAME: GUP GALLUP, NM

PERIOD: 1973-1978

CLASS 6 / NIGHT

STATION NUMBER: 23081

NO. OBS.: 17

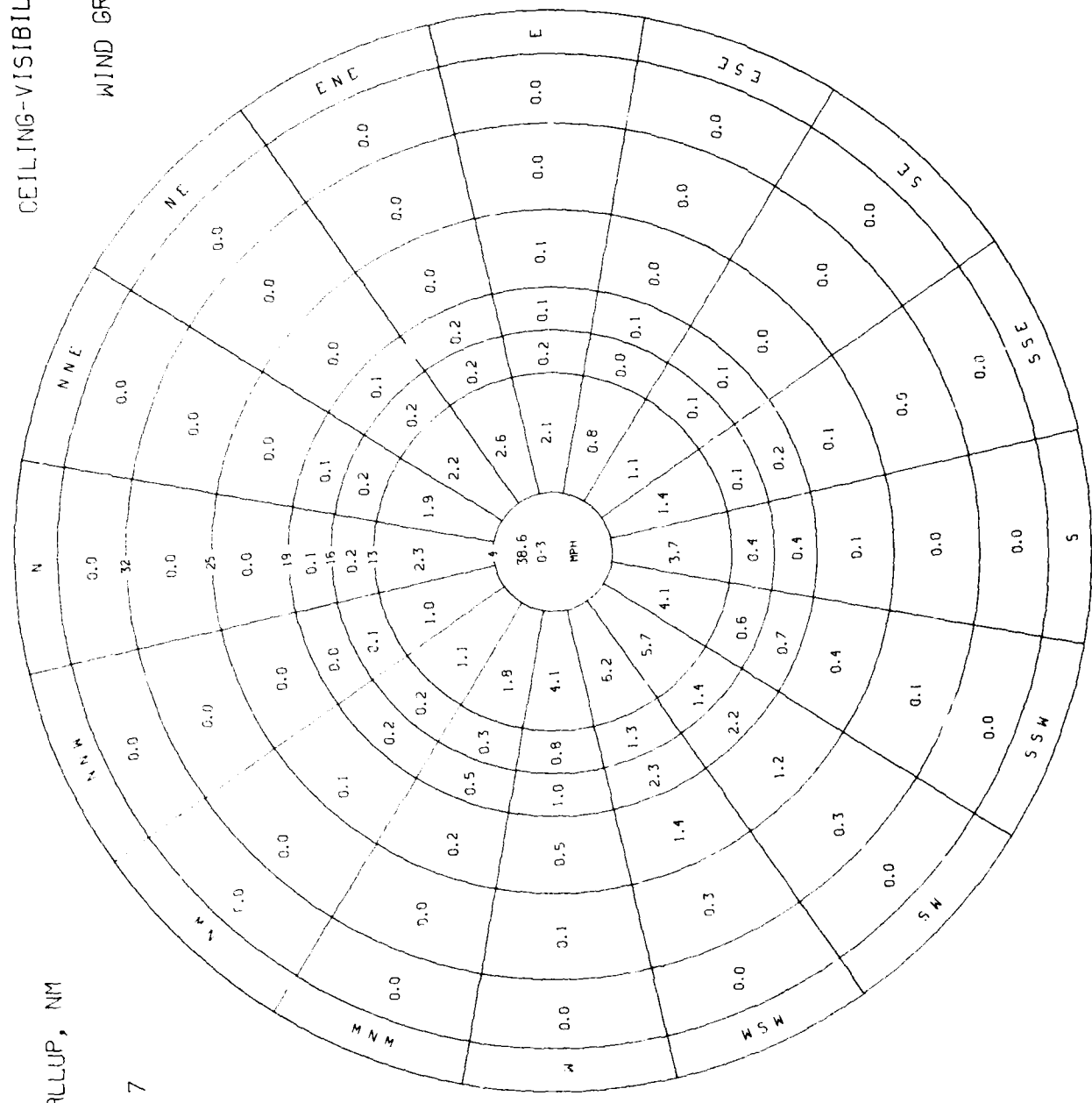
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	
ESE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
SE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
SSE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
S	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.1	52.9															.1	52.9	
TOTAL	.1	52.9	.1	47.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	100	

CEILING-VISIBILITY

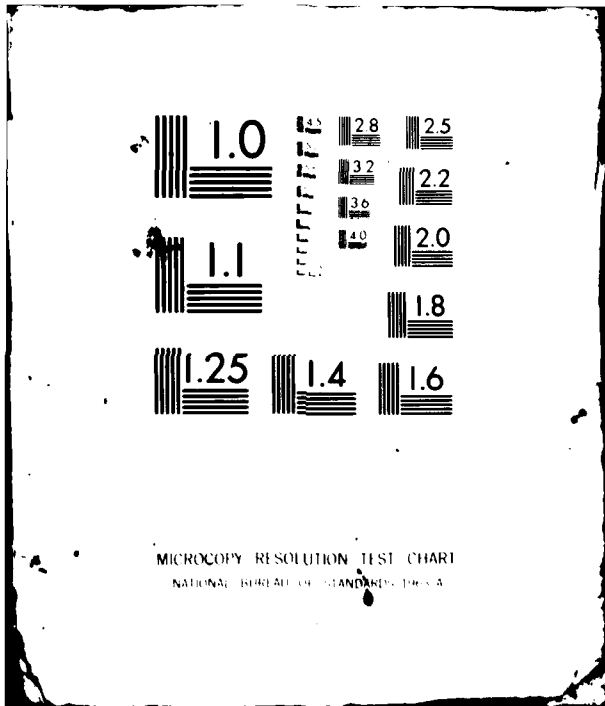
WIND GRAPH

GUP GALLUP, NM

CLASS 7



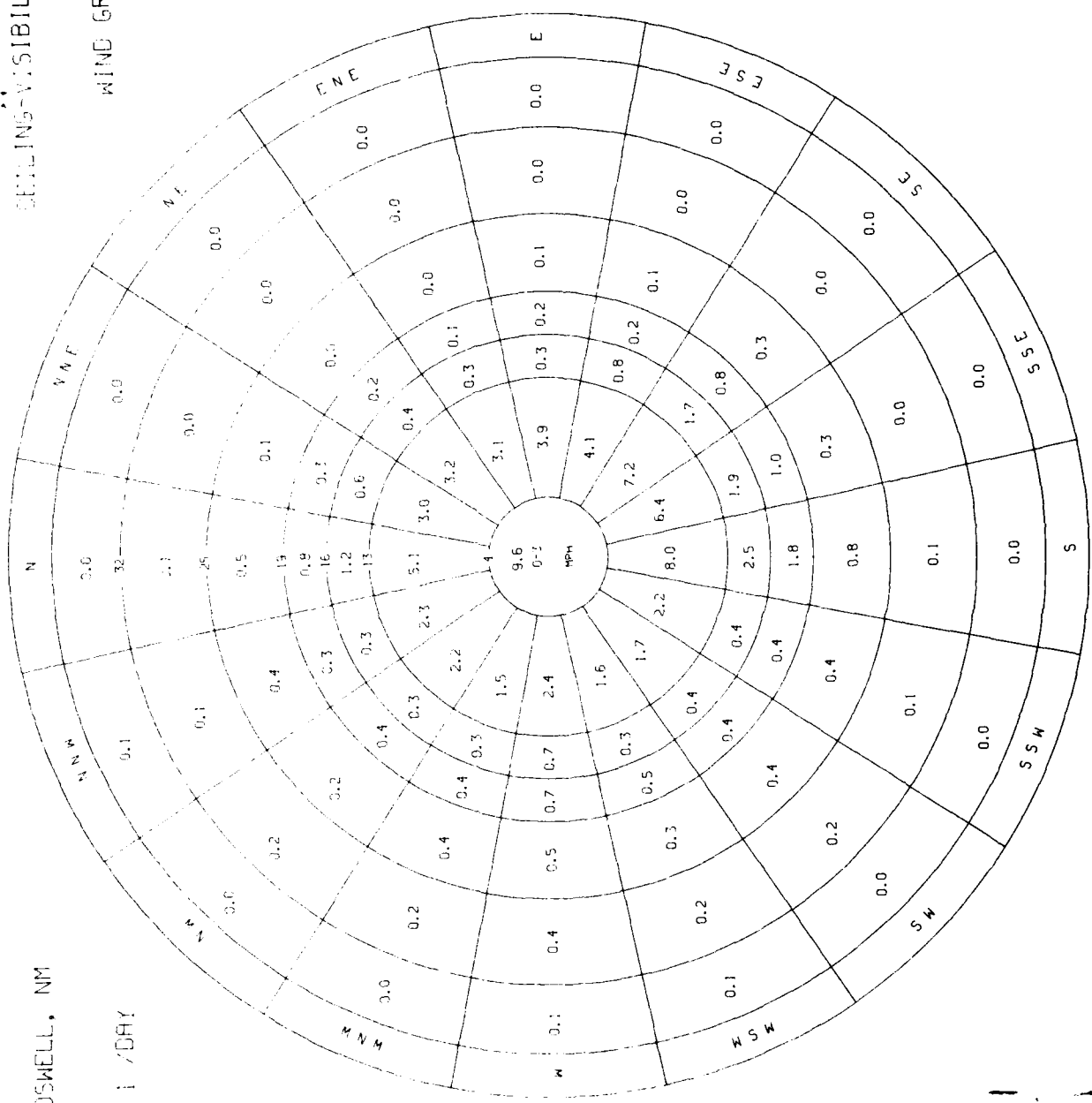




MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY

WIND GRAPH



ROW ROSWELL, NM

CLASS 1 / DAY

PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW FUSWELL, NM

CLASS 1 / DAY

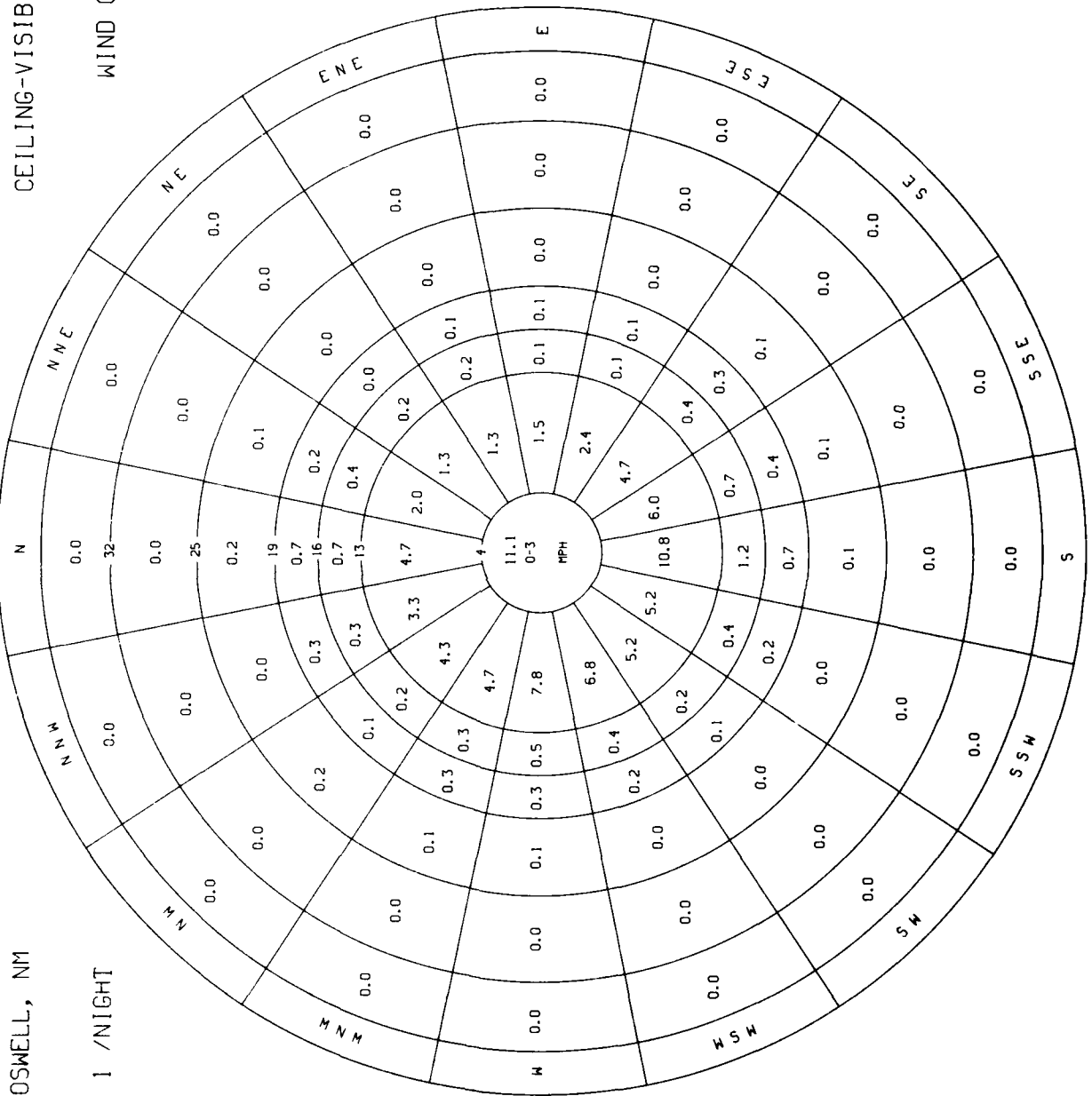
NO. OBS.: 9031

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.4	.4	5.1	5.4	1.2	1.3	.8	.8	.5	.5	.1	.1	.0	.0	.0	.0	8.1	8.5	10.3
NNE	.2	.2	3.0	3.1	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.1	4.3	9.4
NE	.2	.2	3.2	3.4	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.3	8.5
ENE	.2	.3	3.1	3.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.9	7.9
E	.4	.4	3.9	4.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.0	8.0
ESE	.2	.3	4.1	4.4	.8	.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.5	5.8	9.1
SE	.3	.3	7.2	7.6	1.7	1.7	.8	.8	.3	.3	.0	.0	.0	.0	.0	.0	10.2	10.8	10.1
SSE	.3	.3	6.4	6.8	1.9	2.0	1.0	1.1	.3	.3	.0	.0	.0	.0	.0	.0	9.9	10.4	10.7
S	.3	.3	8.0	8.4	2.5	2.6	1.8	1.8	.8	.9	.1	.1	.0	.0	.0	.0	13.5	14.2	11.5
SSW	.2	.2	2.2	2.3	.4	.4	.4	.4	.4	.5	.1	.1	.0	.0	.0	.0	3.7	3.9	11.8
SW	.1	.1	1.7	1.7	.4	.4	.4	.4	.4	.4	.2	.2	.0	.0	.0	.0	3.1	3.3	12.3
WSW	.1	.1	1.6	1.7	.3	.4	.5	.6	.3	.4	.2	.2	.1	.1	.1	.1	3.3	3.4	13.3
W	.3	.3	2.4	2.6	.7	.8	.7	.8	.5	.5	.4	.4	.1	.1	.1	.1	5.1	5.4	12.6
WNW	.1	.1	1.5	1.6	.3	.4	.4	.4	.4	.4	.2	.2	.0	.0	.0	.0	2.9	3.1	12.5
NW	.2	.2	2.2	2.3	.3	.3	.4	.4	.2	.2	.2	.2	.0	.0	.0	.0	3.5	3.7	11.1
NNW	.1	.2	2.3	2.4	.3	.4	.3	.4	.4	.4	.1	.1	.1	.1	.1	.1	3.7	3.9	11.5
CALM	5.8	6.1															5.8	6.1	
TOTAL	9.6	10.1	58.0	61.0	12.4	13.0	8.3	8.8	4.7	5.0	1.6	1.7	.4	.4	.4	95.1	100	10.0	

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 1 / NIGHT

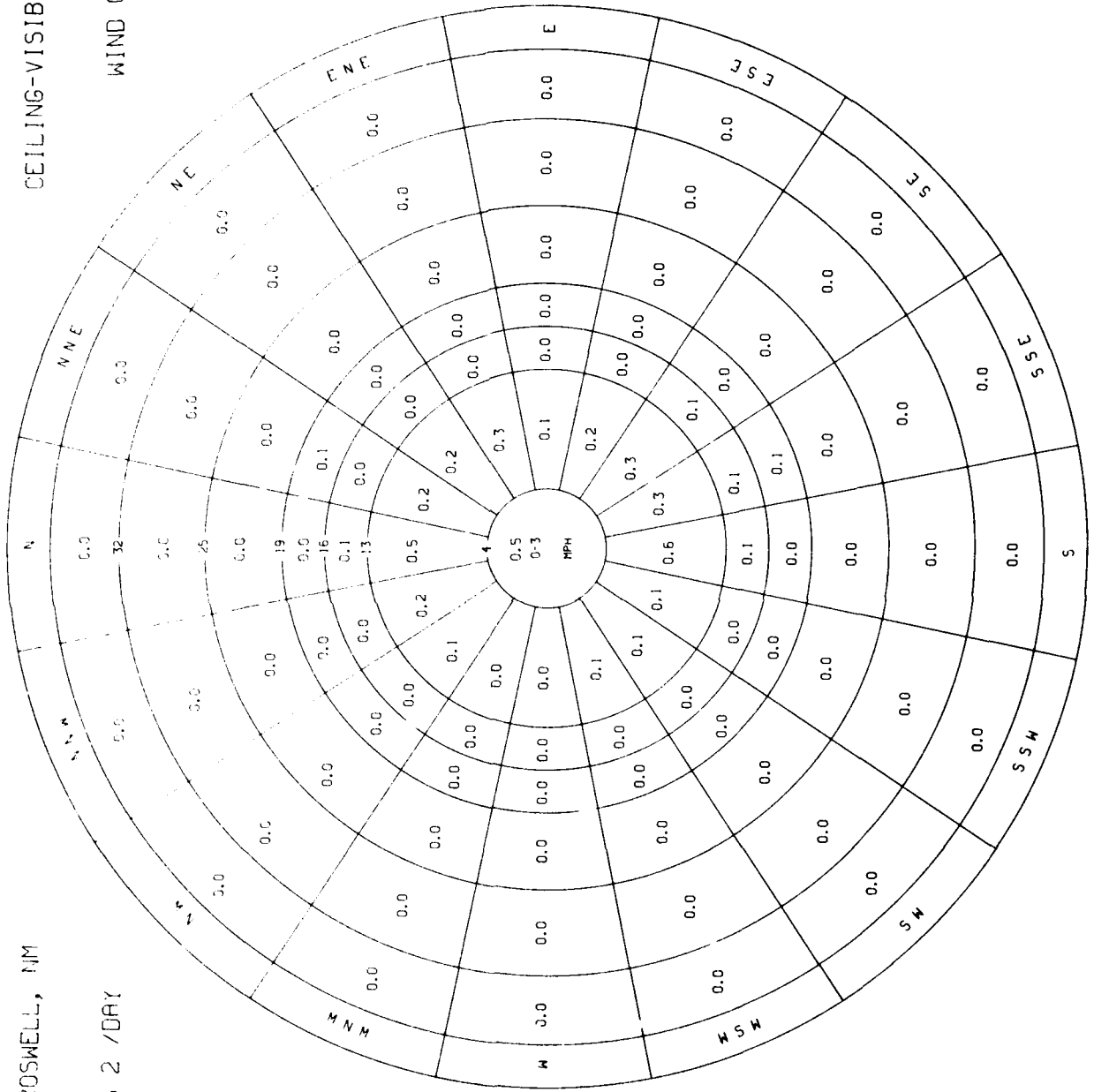
NO. OBS.: 7627

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)																				AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.2	.2	4.7	4.9	.7	.8	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	6.6	6.9	9.9		
NNE	.1	.1	2.0	2.1	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.8	2.9	10.2		
NENE	.1	.1	1.3	1.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.7	8.4		
ENE	.1	.1	1.3	1.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.8	8.3		
E	.1	.1	1.5	1.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0	8.6		
ESE	.1	.1	2.4	2.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.0	8.1		
SE	.1	.1	4.7	5.0	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.6	5.9	8.9		
SSE	.1	.1	6.0	6.3	.7	.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	7.2	7.6	9.1		
S	.3	.3	10.8	11.4	1.2	1.2	.7	.7	.1	.1	.0	.0	.0	.0	.0	.0	13.1	13.8	8.9		
SSW	.2	.2	5.2	5.5	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.3	8.4		
SW	.2	.2	5.2	5.5	.2	.2	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.1	8.2		
WSW	.3	.3	6.8	7.1	.4	.4	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	7.7	8.1	7.9		
W	.2	.2	7.8	8.2	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	8.9	9.4	8.2		
WNW	.1	.2	4.7	5.0	.3	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.6	5.9	8.5		
NW	.1	.1	4.3	4.5	.2	.2	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	5.0	5.3	8.3		
NNW	.1	.1	3.3	3.4	.3	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.2	8.9		
CALM	8.7	9.2			6.4	6.7	4.1	4.4	1.2	1.2	.2	.2	.0	.0	.0	.0	1	1	95.0		
TOTAL	11.1	11.7	72.0	75.8	6.4	6.7	4.1	4.4	1.2	1.2	.2	.2	.0	.0	.0	.0	1	1	95.0		

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 2 / DAY

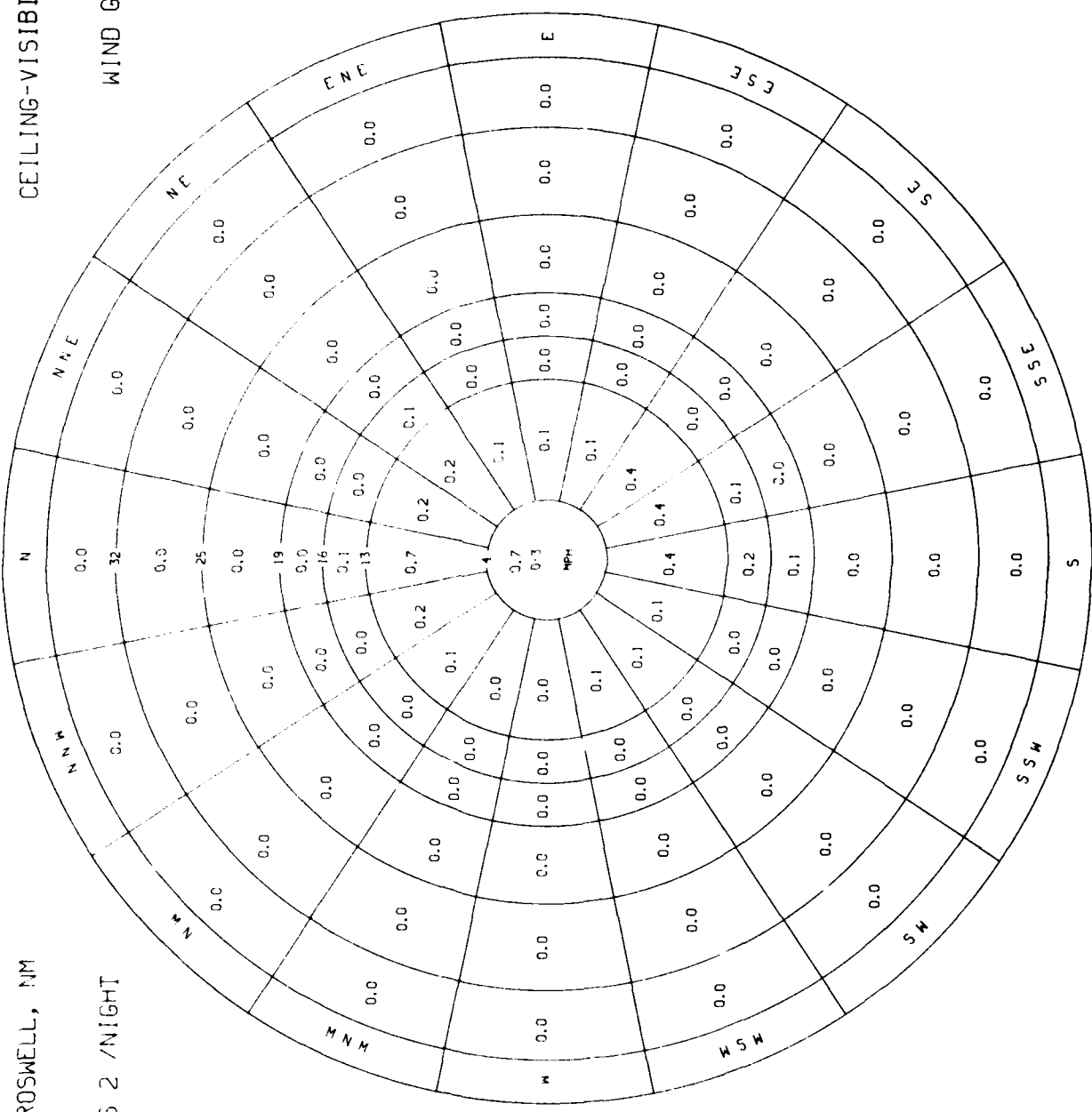
STATION NUMBER: 23009

NO. OBS.: 470

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED							
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL			
	A	B		A	B		A	B		A	B		A	B		A	B			A	B		C	D		
N	.1	1.1		.5	10.4		.1	2.6		.0	.9		.0	.6		.0	.2		.0	.0	.2	.0	.0	.8	16.0	10.7
NNE	.0	.2		.2	4.5		.0	.6		.1	1.3		.0	.0		.0	.0		.0	.0	.0	.0	.0	.3	6.6	10.5
NE	.0	.0		.2	3.6		.0	.6		.0	.4		.0	.9		.0	.0		.0	.0	.0	.0	.0	.3	5.5	11.4
ENE	.0	.4		.3	5.1		.0	.2		.0	.2		.0	.0		.0	.0		.0	.0	.0	.0	.0	.3	6.0	8.0
E	.0	.0		.1	2.8		.0	.2		.0	.2		.0	.2		.0	.0		.0	.0	.0	.0	.0	.2	3.4	9.6
ESE	.0	.4		.2	4.0		.0	.9		.0	.0		.0	.0		.0	.0		.0	.0	.0	.0	.0	.3	5.3	9.5
SE	.0	.4		.3	7.0		.1	1.3		.0	.9		.0	.2		.0	.0		.0	.0	.0	.0	.0	.5	9.8	9.3
SSE	.0	.2		.3	6.8		.1	2.3		.1	1.1		.0	.2		.0	.0		.0	.0	.0	.0	.0	.5	10.6	11.0
S	.0	.4		.6	12.8		.1	2.6		.0	.0		.0	.0		.0	.0		.0	.0	.0	.0	.0	.8	15.7	9.4
SSW	.0	.2		.1	1.3		.0	.2		.0	.0		.0	.0		.0	.0		.0	.0	.0	.0	.0	.1	1.7	7.5
SW	.0	.2		.1	1.3		.0	.0		.0	.2		.0	.0		.0	.2		.0	.0	.0	.0	.0	.1	1.9	9.8
WSW	.0	.2		.1	2.1		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0	.6	.0	.0	.1	3.0	11.7
W	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.2		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0	.0	.0	.0	.0	.2	3.0
NW	.0	.0		.1	2.6		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0	.0	.0	.0	.1	2.6	8.4
NNW	.0	.2		.2	3.6		.0	.6		.0	.4		.0	.0		.0	.0		.0	.0	.0	.0	.0	.2	4.9	9.2
CALM	.3	6.8																						.3	6.8	
TOTAL	.5	11.1		3.4	67.9		.6	12.1		.3	5.5		.1	2.1		.0	.4		.0	.9	.4	.0	.9	4.9	100	9.2

CEILING-VISIBILITY

WIND GRAPH



ROW ROSWELL, NM

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: ROW ROSWELL, NM

PERIOD: 1973-1978

CLASS 2 / NIGHT

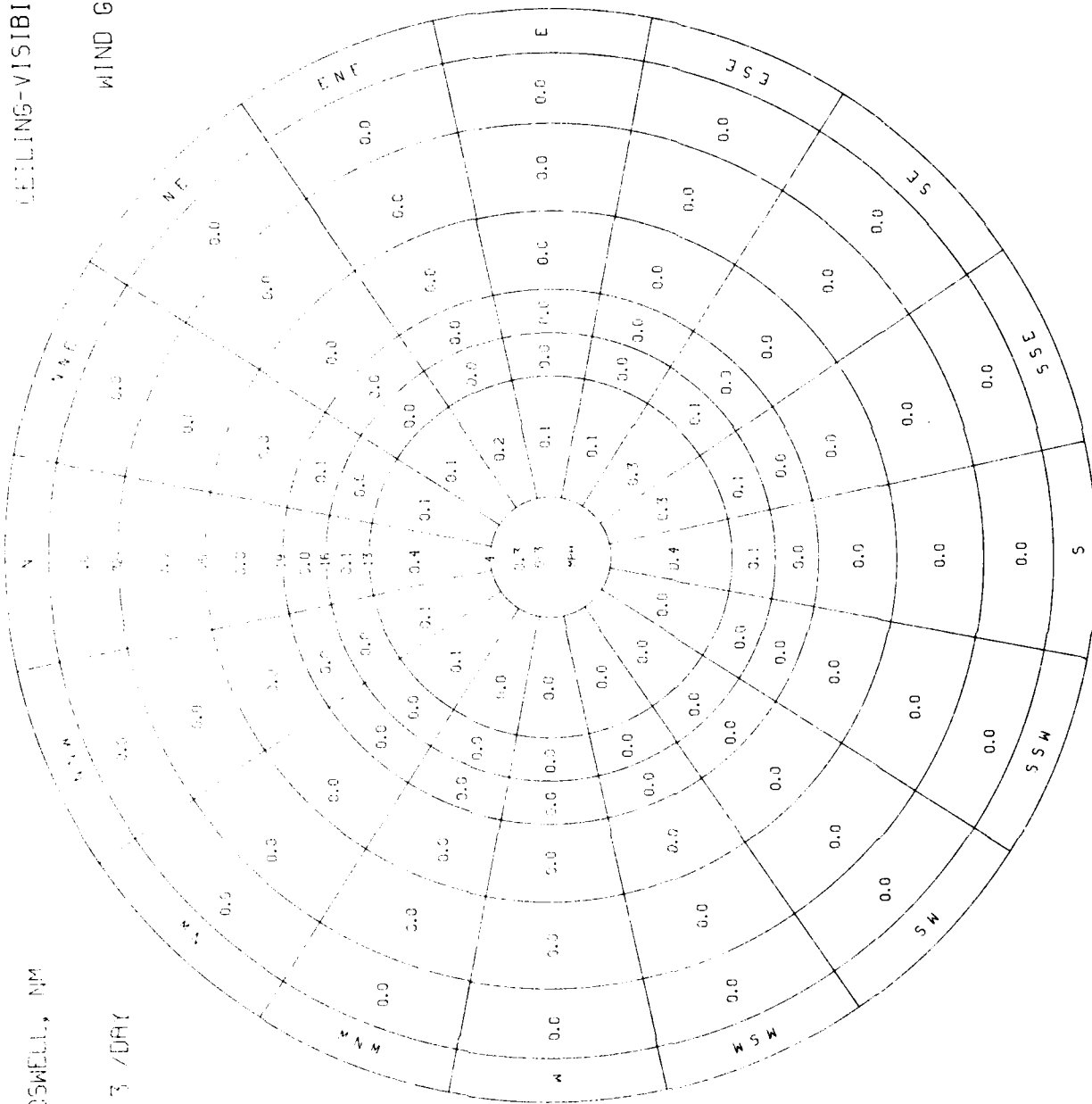
NO. OBS.: 399

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.7	13.3	.1	3.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.8	17.0	10.1
NNE	.0	.0	.2	4.0	.0	.8	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.3	5.8	10.1
NNE	.0	.3	.2	3.5	.1	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.3	10.2
ENE	.0	.0	.1	2.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	2.8	10.4
E	.0	.0	.1	3.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.0	9.9
ESE	.0	.0	.1	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	7.4
SE	.0	.3	.4	8.5	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.0	8.8
SSE	.0	.5	.4	8.0	.1	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	10.3	8.7
S	.0	.0	.4	7.8	.2	4.3	.1	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.7	13.5	11.0
SSW	.0	.3	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	7.7
SW	.0	.0	.1	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	6.9
WSW	.0	.0	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	6.0
W	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.2
MNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0
NW	.0	.0	.1	2.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	7.4
NNW	.0	.3	.2	3.8	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.8	8.7
CALM	.6	12.5															.6	12.5	
TOTAL	.7	14.5	3.3	66.4	.7	13.3	.2	5.0	.0	.8	.0	.0	.0	.0	.0	.0	5.0	100	8.2

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: FOW ROSWELL, NM

CLASS 3 / DAY

NO. OBS.: 330

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	1.5	.4	11.2	.1	3.3	.0	.9	.0	.9	.0	.3	.0	.0	.6	18.2	10.6		
NNE	.0	.3	.1	4.2	.0	.9	.1	1.5	.0	.0	.0	.0	.0	.0	.2	7.0	10.7		
NE	.0	.0	.1	3.9	.0	.9	.0	.6	.0	.9	.0	.0	.0	.0	.2	6.4	11.7		
ENE	.0	.3	.2	5.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2	6.4	8.3		
E	.0	.0	.1	2.7	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	3.6	10.2		
ESE	.0	.6	.1	3.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.8	9.4		
SE	.0	.0	.3	8.5	.1	1.8	.0	.6	.0	.0	.0	.0	.0	.0	.4	10.9	9.2		
SSE	.0	.3	.3	7.6	.1	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.3	10.0	10.2		
S	.0	.0	.4	11.2	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.5	13.0	9.7		
SSW	.0	.3	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	8.0		
SW	.0	.3	.0	.3	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	1.2	14.0		
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.1	2.1	17.9		
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WNW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0		
NW	.0	.0	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	9.0		
NNW	.0	.3	.1	3.9	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.2	5.2	9.0		
CALM	.2	5.8																	
TOTAL	.3	10.0	2.4	67.9	.5	13.0	.2	5.5	.1	2.1	.0	.6	.0	.9	3.5	100	9.6		



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

CLASS 3 / NIGHT

NO. OBS.: 207

STATION NUMBER: 23009

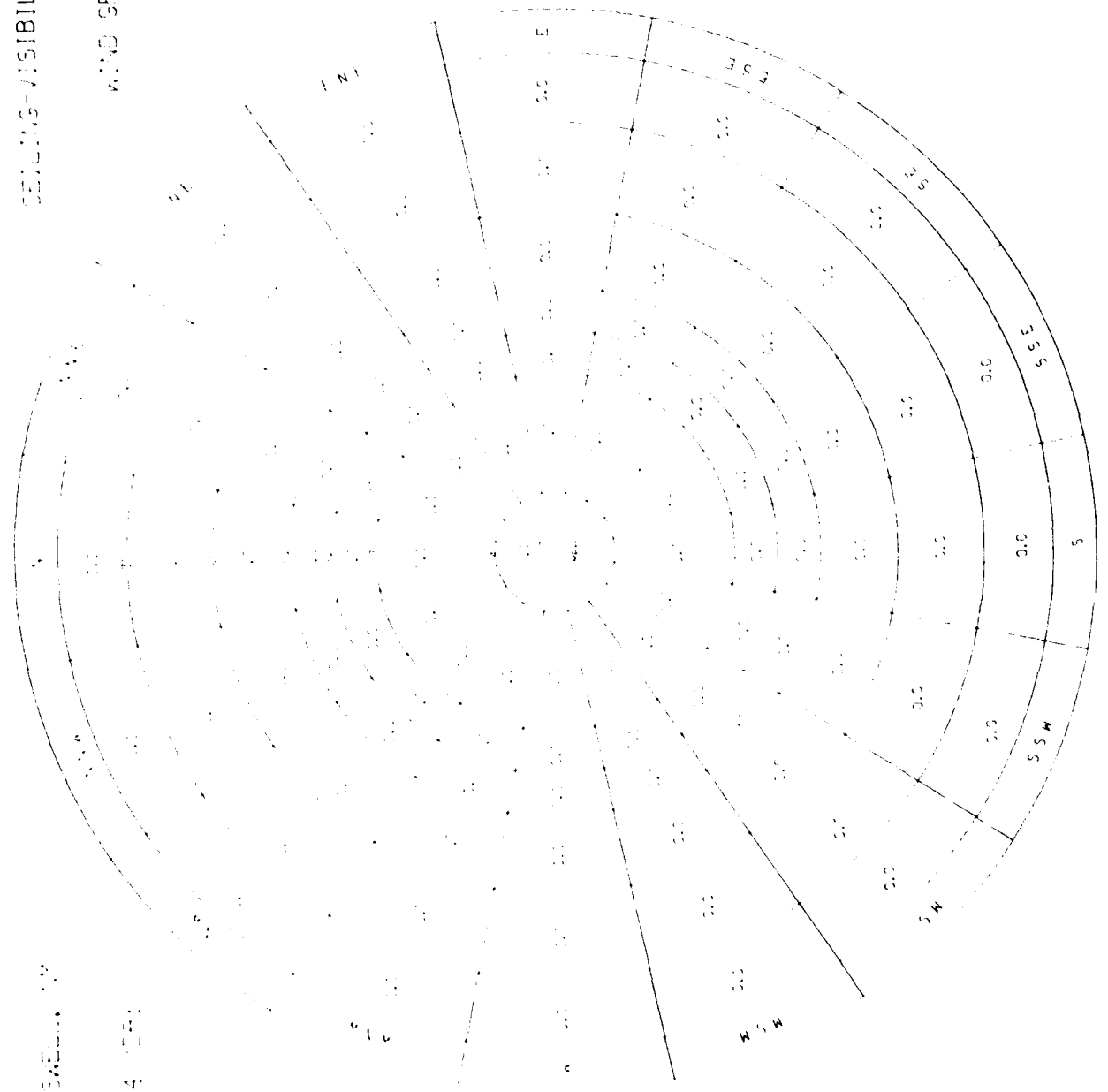
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.4	16.4	.1	5.3	.0	1.4	.0	.0	.0	.0	.0	.0	.6	23.2	10.8
NNE	.0	.0	.2	6.3	.0	1.4	.0	1.0	.0	.5	.0	.0	.0	.0	.2	9.2	10.1
NE	.0	.0	.1	5.3	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.2	7.7	10.7
ENE	.0	.0	.1	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	8.3
E	.0	.0	.1	2.9	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.1	4.8	11.9
ESE	.0	.0	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.0
SE	.0	.5	.2	8.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.1	8.6
SSE	.0	.0	.2	6.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.7	8.8
S	.0	.0	.1	4.3	.1	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.2	7.2	11.0
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	10.3
SW	.0	.0	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.3
WSW	.0	.0	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.4
W	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.6
WNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
NW	.0	.0	.1	2.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	3.4	8.1
NNW	.0	.0	.1	3.4	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	4.3	9.2
CALM	.2	7.7															
TOTAL	.2	8.7	1.8	69.1	.4	16.4	.1	5.3	.0	.5	.0	.0	.0	.0	2.6	100	8.9

CEILING-VISIBILITY

WIND GRAPH

PCW POSWELL, NY

CLASS 4 (CR)



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: POW ROSWELL, NM

PERIOD: 1973-1978

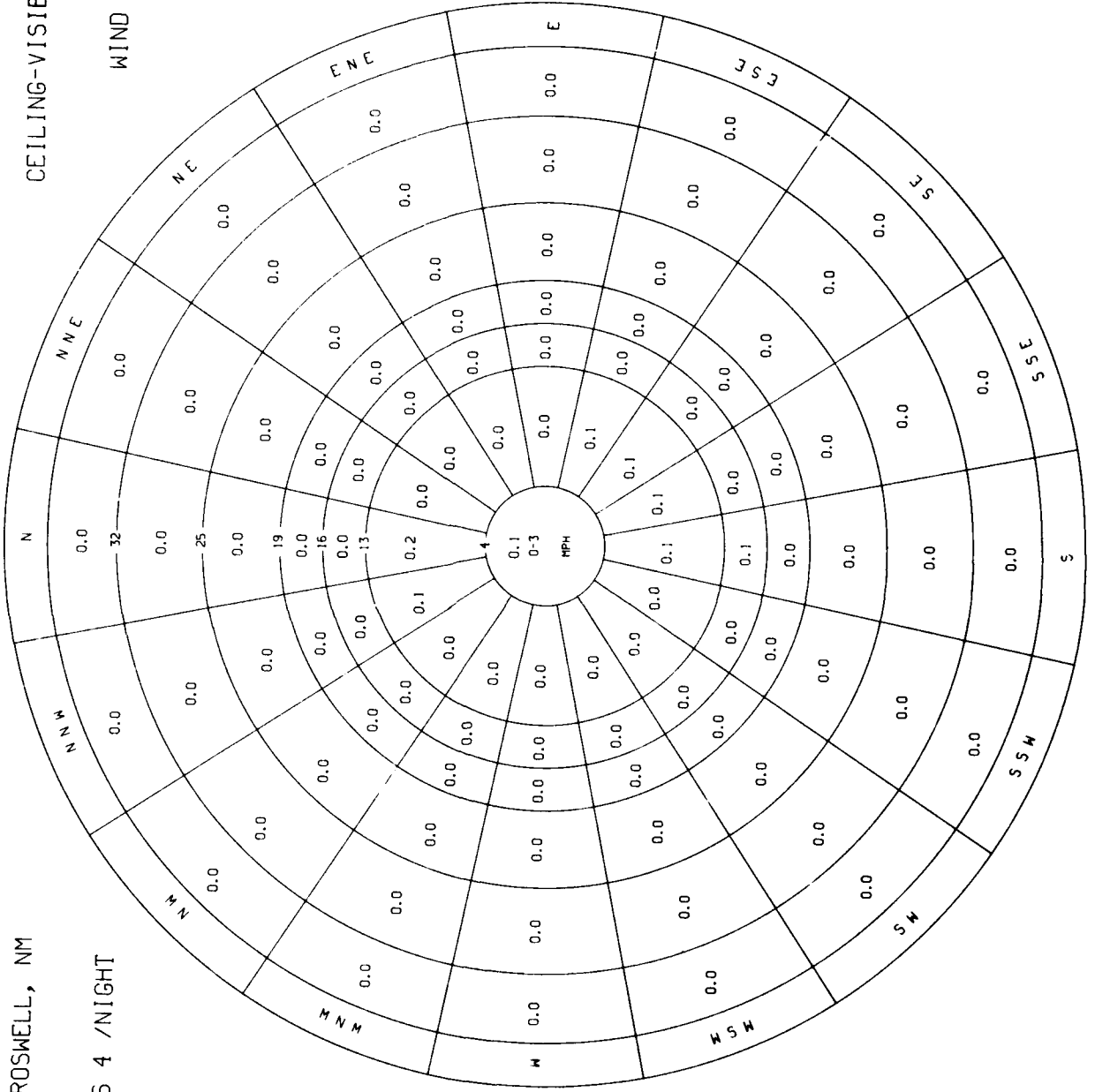
CLASS 4 / DAY

STATION NUMBER: 23009

NO. OBS.: 74

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D		
N	.0	.0	.1	12.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.5	9.1
NNE	.0	.0	.1	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	9.0
NE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.5
ENE	.0	1.4	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	7.2
E	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.5
ESE	.0	.0	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	9.8
SE	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	4.1	12.7
SSE	.0	.0	.0	5.4	.1	6.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.9	12.3
S	.0	1.4	.1	12.2	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	17.6	9.9
SSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.0
SW	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.0
NNW	.0	.0	.0	4.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	10.4
CALM	.0	2.7																	
TOTAL	.1	6.8	.6	74.3	.1	14.9	.0	2.7	.0	1.4	.0	.0	.0	.0	.0	.0	.8	100	9.2

ROW ROSWELL, NM  
CLASS 4 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FOW FISHBELL, NM

PERIOD: 1973-1978

CLASS 4 / 1000'

STATION NUMBER: 23 009

NO. OBS.: 84

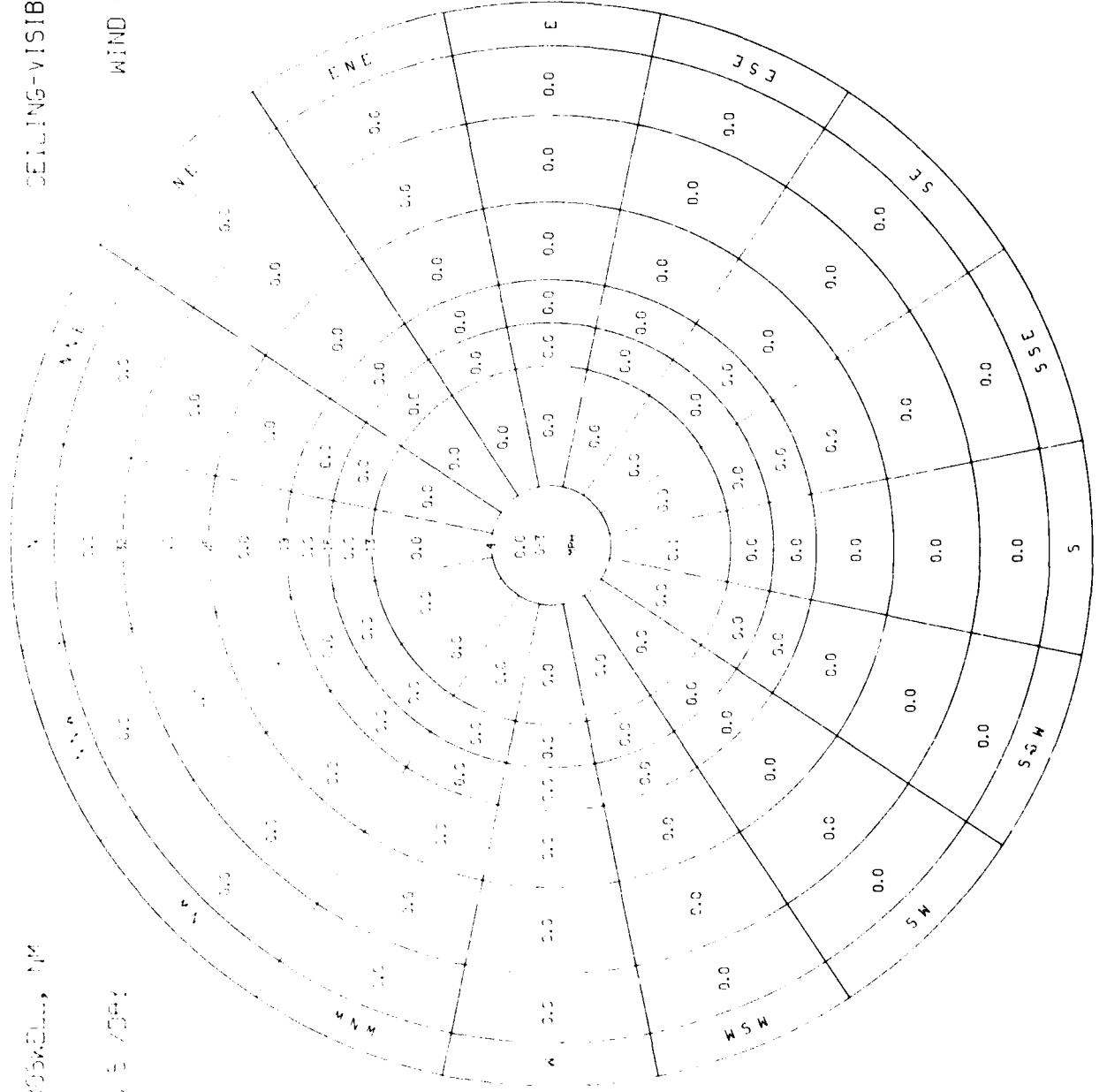
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.2	19.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	20.2	8.5
NNE	.0	.0	.0	2.4	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	10.3
NE	.0	.0	.0	3.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	9.7
ENE	.0	.0	.0	3.6	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	11.0
E	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
ESE	.0	.0	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	6.4
SE	.0	.0	.1	10.7	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.1	9.1
SSE	.0	1.2	.1	6.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.5	8.7
S	.0	.0	.1	9.5	.1	6.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	17.9	11.6
SSW	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.7
SW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	9.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	1.2	.1	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.3	7.0
CALM	.0	4.8															.0	4.8	
TOTAL	.1	7.1	.8	75.0	.1	11.9	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100	8.6

CEILING-VISIBILITY

WIND GRAPH

POW ROSKELL, NM

CLASS 5 / 394



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: POW ROSWELL, NM

CLASS: / DAY

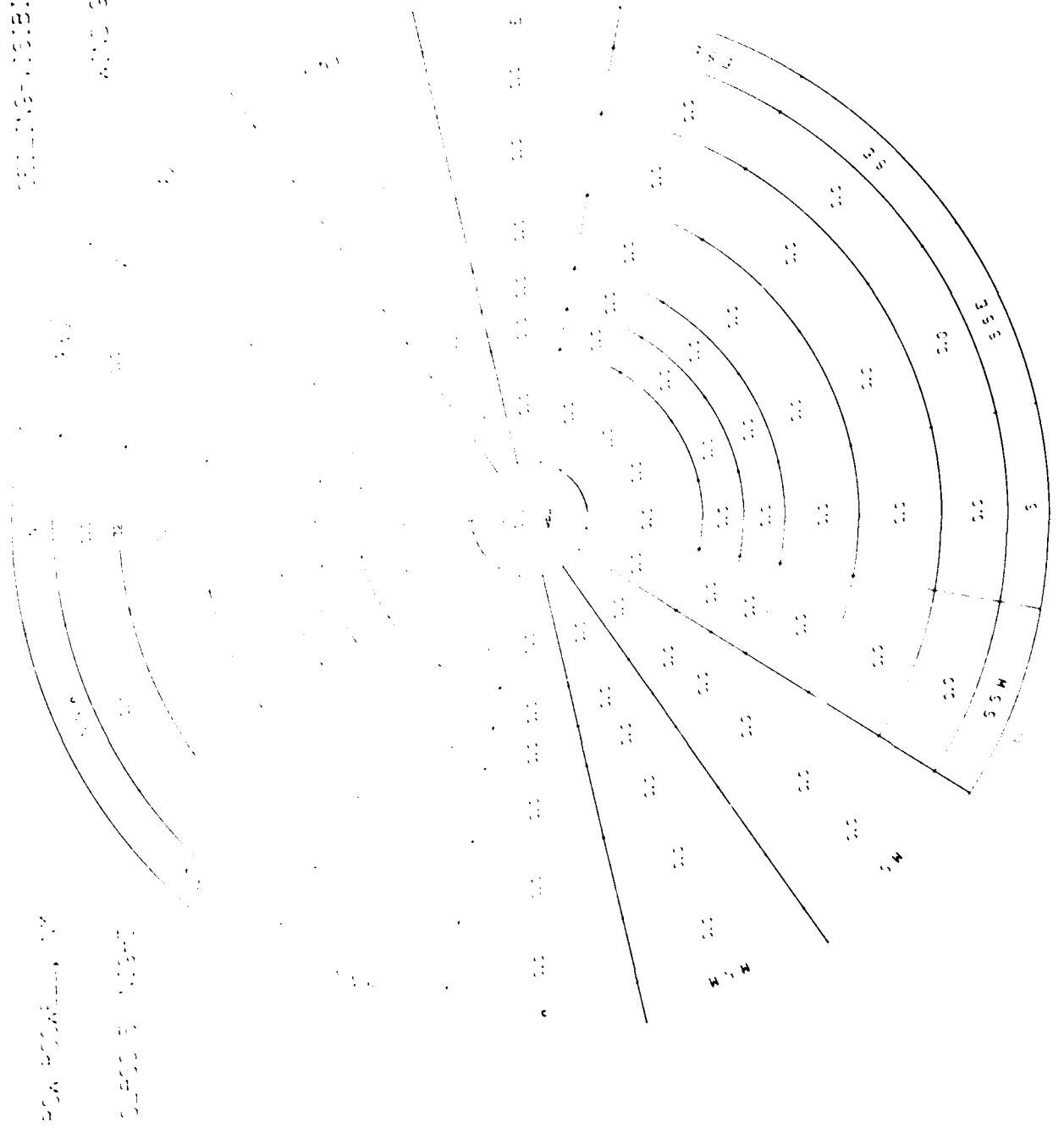
NO. OBS.: 21

STATION NUMBER: 23009

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.0	
NNE	.0	.0	.0	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	9.5	12.5	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.0	
E	.0	.0	.0	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	10.5	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	4.8	17.0	
SSE	.0	.0	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	4.8	17.0	
S	.0	.0	.1	23.8	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	38.1	11.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	19.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.0	6.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	4.8															4.8		
TOTAL	.0	4.8	.1	66.7	.0	14.3	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.2	100	9.7	

TRANSFORMABILITY

WIND SPEED



SEA SURFACE

CLASS B LIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: POW POWWELL, NM

PERIOD: 1973-1978

CLASS 5 / NIGHT

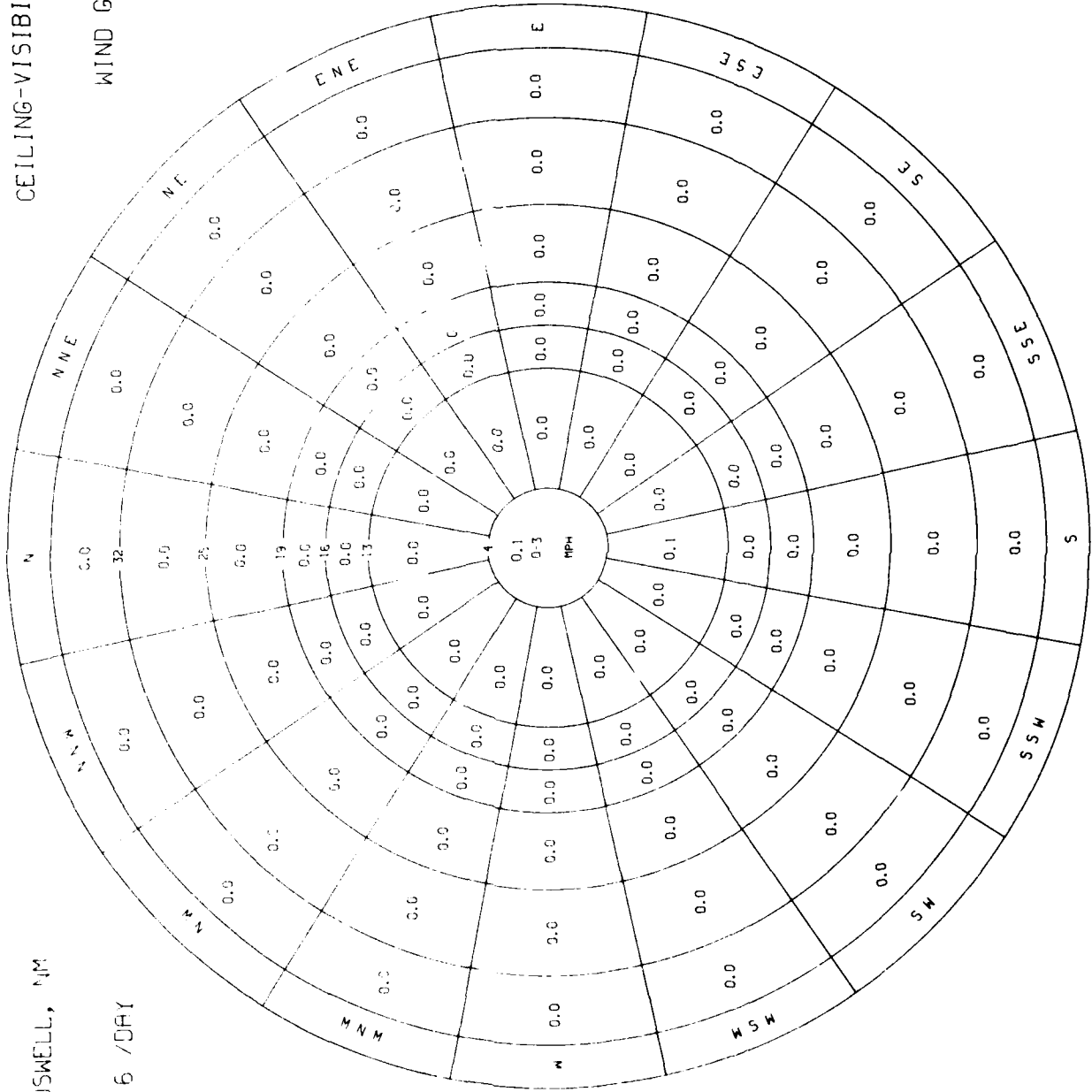
STATION NUMBER: 23009

NO. OBS.: 30

D I P	SPEED GROUPS (MPH)																		AVG WIND SPEED						
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL		
	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D	A	B	D		A	B	D		C	D
N	.0	.0	.0	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.5
NNE	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.0
NENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	20.0
E	.0	.0	.0	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	7.0
ESE	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
SE	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	13.0
SSE	.0	.0	.0	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	10.6
S	.0	.0	.0	.0	.0	.0	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	15.6
SSW	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
NNW	.0	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	13.0
CALM	.0	13.3																							
TOTAL	.1	16.7		.2	53.3		.0	13.3		.0	10.0		.0	6.7		.0	.0		.0	.0		.0	.4	100	9.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: POW ROSWELL, NM

PERIOD: 1973-1978

CLASS 6 / DA\*

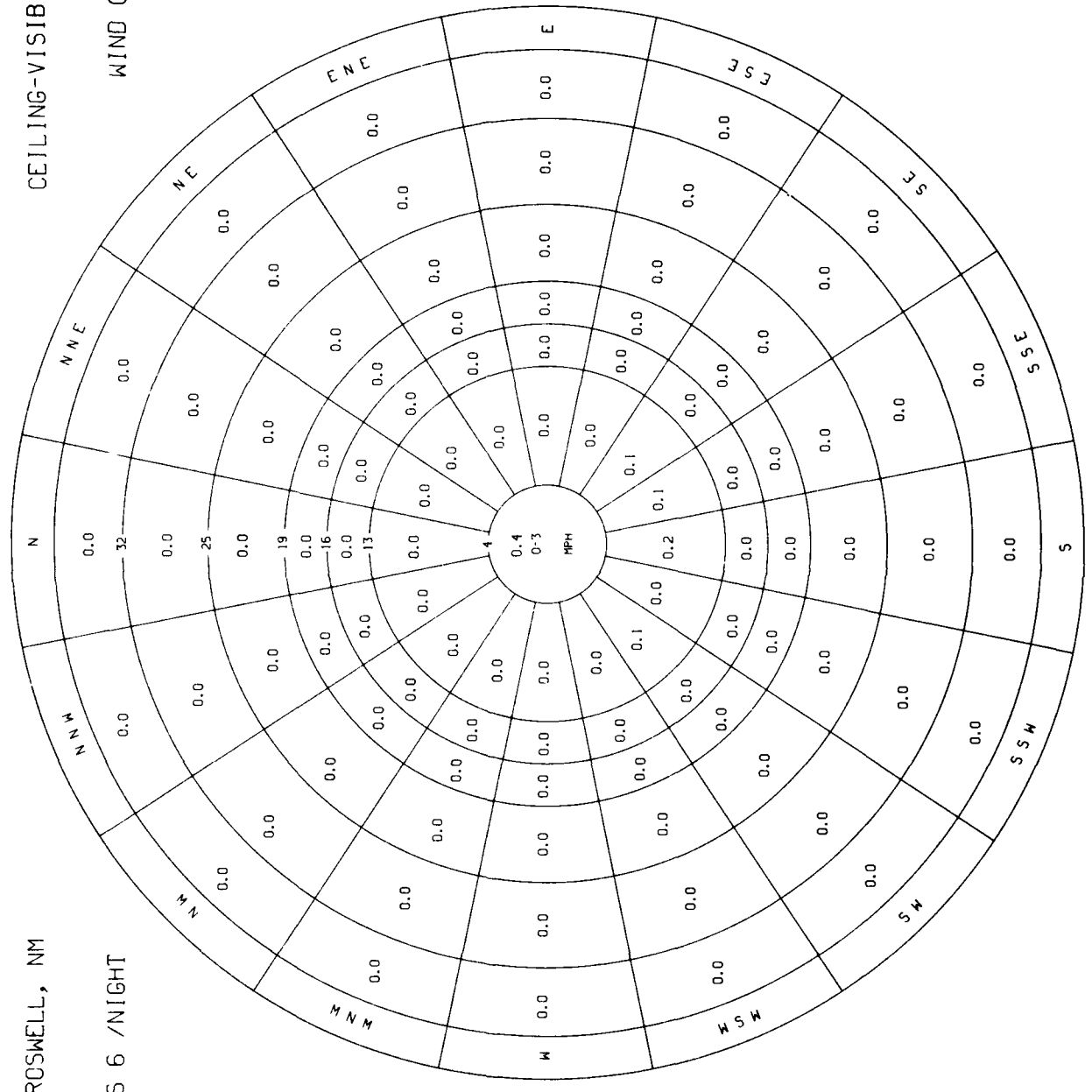
STATION NUMBER: 23009

NO. OBS.: 45

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.4	.0	.0	.0	2.2	.0	.0	.0	.0	.0	2.2	.0	8.9	16.5		
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NE	.0	.0	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	2.2	21.0		
ENE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0		
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ESE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.0		
SE	.0	2.2	.0	8.9	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	1	13.3	6.8		
SSE	.0	.0	.0	6.7	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.1	11.1	12.8		
S	.0	2.2	.1	20.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	22.2	6.2		
SSW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0		
SW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0		
WSW	.0	2.2	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.0		
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0		
NNW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0		
CALM	.1	22.2													.1	22.2			
TOTAL	.1	28.9	.3	57.8	.0	.0	.0	6.7	.0	4.4	.0	.0	.0	2.2	.5	100	6.8		

CEILING-VISIBILITY  
WIND GRAPH

ROW ROSWELL, NM  
CLASS 6 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1973-1978

STATION NAME: ROW ROSWELL, NM

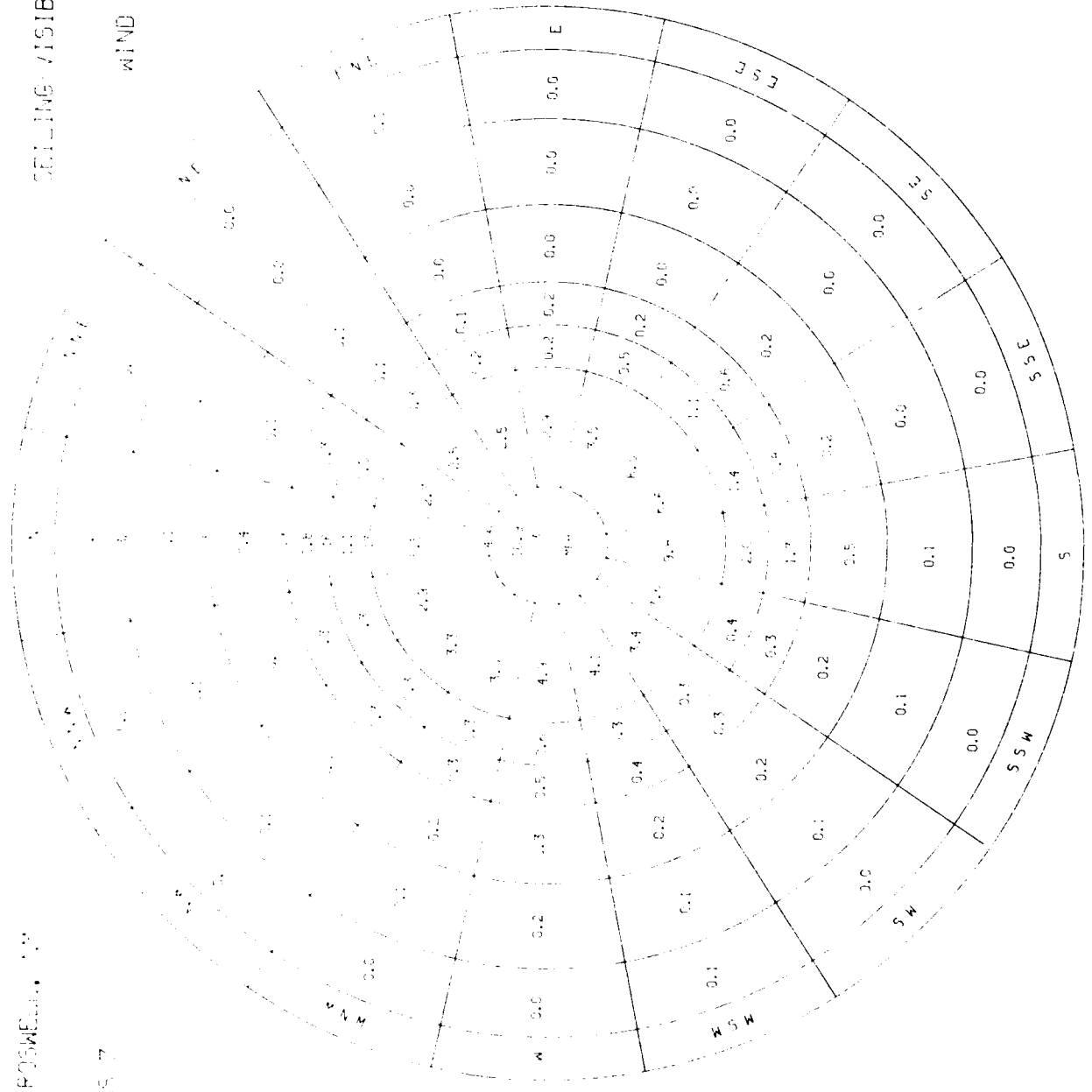
CLASS 6 / NIGHT

NO. OBS.: 78

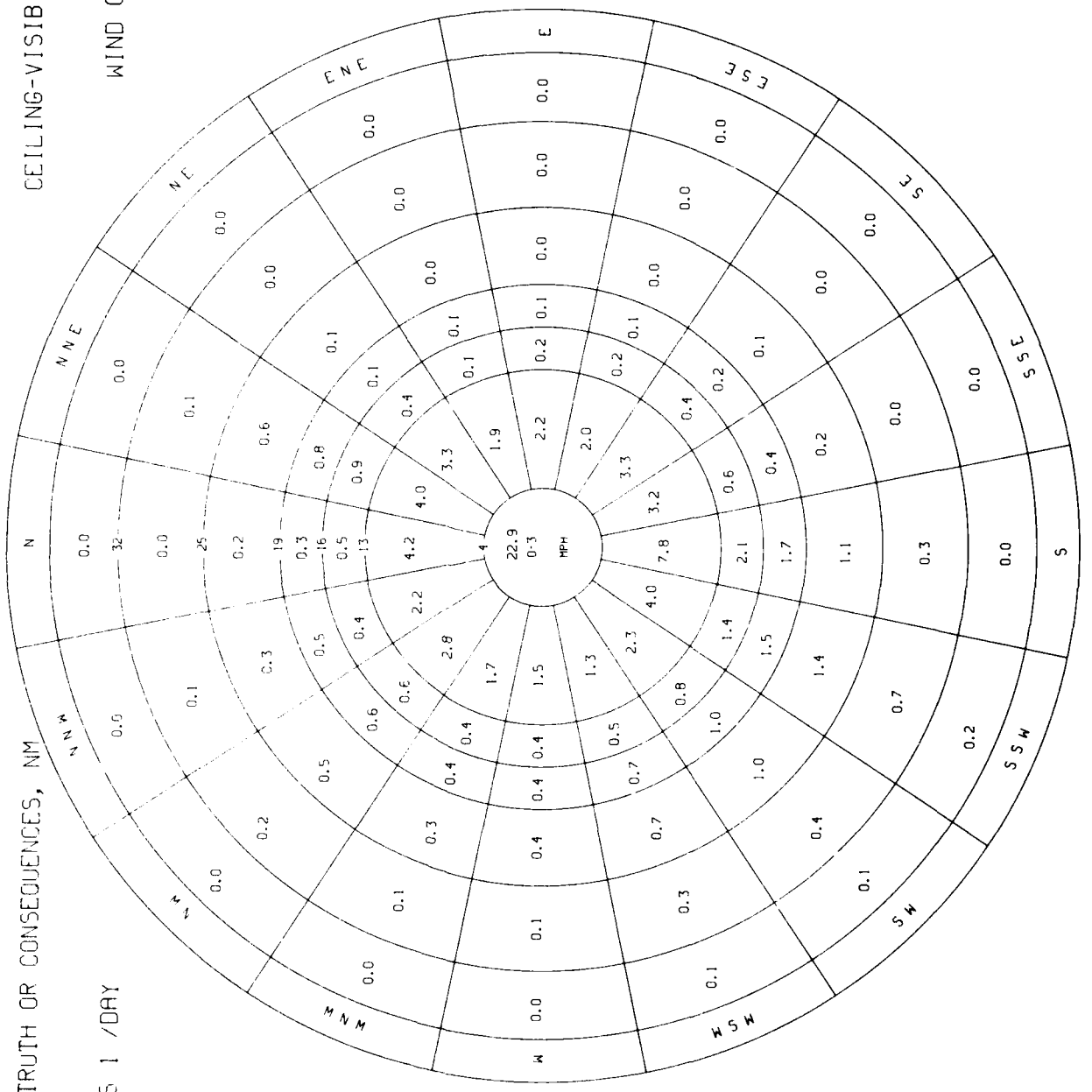
STATION NUMBER: 23009

DIR	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NENE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0	
ESE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.0	
SE	.0	.0	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	7.3	
SSE	.0	1.3	.1	12.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	15.4	7.8	
S	.0	.0	.2	17.9	.0	5.1	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.2	24.4	9.5	
SSW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0	
SW	.0	.0	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	6.3	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0	
NNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.0	
CALM	.3	33.3														.3	33.3		
TOTAL	.4	37.2	.5	55.1	.1	6.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	1.0	100	5.2	

ROW POSWELL, W  
CLASS 7  
CELLING VISIBILITY  
WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM  
 CLASS 1 /DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



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# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

CLASS 1 / DAY

NO. OBS.: 39870

STATION NUMBER: 93045

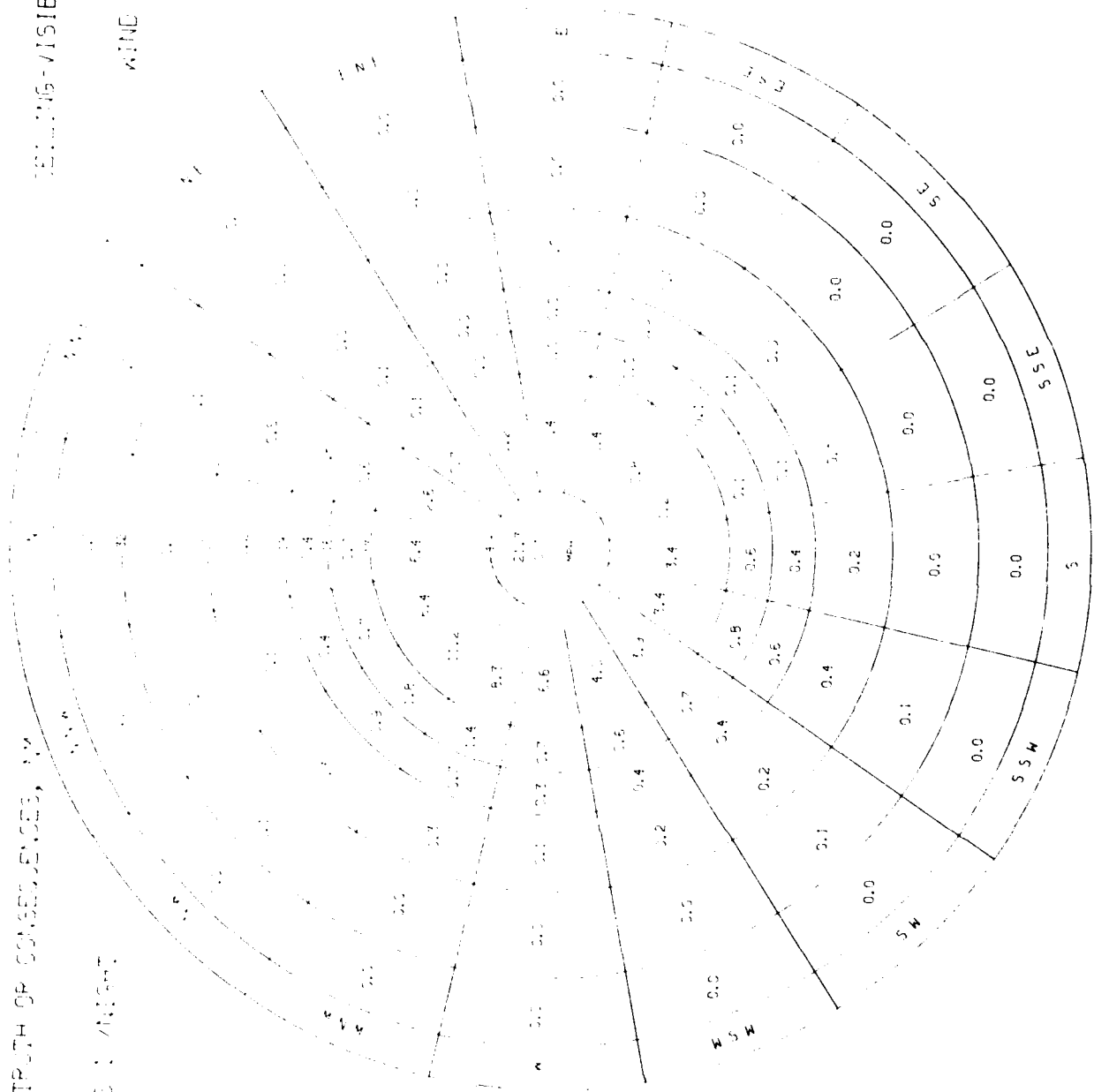
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED								
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL				
	A	B		A	B		A	B		A	B		A	B		A	B			A	B		C	D			
N	.2	.3		4.2	4.2		.5	.5		.3	.3		.2	.2		.0	.0		.0	.0		.0	.0		5.5	5.6	9.3
NNE	.2	.2		4.0	4.0		.9	.9		.8	.8		.6	.6		.1	.1		.0	.0		.0	.0		6.5	6.6	11.2
NE	.3	.3		3.3	3.3		.4	.4		.1	.1		.1	.1		.0	.0		.0	.0		.0	.0		4.1	4.1	8.4
ENE	.2	.2		1.9	2.0		.1	.1		.1	.1		.0	.0		.0	.0		.0	.0		.0	.0		2.3	2.3	7.7
E	.2	.2		2.2	2.2		.2	.2		.1	.1		.0	.0		.0	.0		.0	.0		.0	.0		2.5	2.5	8.6
ESE	.1	.1		2.0	2.0		.2	.2		.1	.1		.0	.0		.0	.0		.0	.0		.0	.0		4.2	4.2	8.7
SE	.3	.3		3.3	3.3		.4	.4		.2	.2		.1	.1		.0	.0		.0	.0		.0	.0		4.6	4.7	10.1
SSE	.2	.2		3.2	3.3		.6	.6		.4	.4		.2	.2		.0	.0		.0	.0		.0	.0		13.3	13.4	11.8
S	.3	.3		7.8	7.9		2.1	2.1		1.7	1.7		1.1	1.1		.3	.3		.7	.7		.2	.2		9.5	9.6	14.5
SSW	.2	.2		4.0	4.1		1.4	1.4		1.5	1.5		1.4	1.5		.4	.4		.4	.4		.1	.1		5.7	5.8	14.7
SW	.1	.1		2.3	2.3		.8	.8		1.0	1.0		.7	.7		.3	.3		.3	.3		.1	.1		3.7	3.7	15.4
WSW	.1	.1		1.3	1.3		.5	.5		.4	.4		.4	.4		.1	.1		.1	.1		.0	.0		2.8	2.9	12.4
W	.1	.1		1.5	1.5		.4	.4		.4	.4		.3	.3		.1	.1		.1	.1		.0	.0		3.1	3.2	12.7
WNW	.1	.1		1.7	1.8		.4	.4		.5	.5		.5	.5		.2	.2		.2	.2		.0	.0		4.8	4.8	12.2
NW	.1	.1		2.8	2.8		.6	.6		.5	.5		.3	.3		.1	.1		.1	.1		.0	.0		3.7	3.7	11.5
NNW	.1	.1		2.2	2.3		.4	.4		.5	.5		.3	.3		.4	.4		.4	.4		.5	.5		20.0	20.2	
CALM	20.0	20.2																									
TOTAL	22.9	23.2		47.8	48.3		9.7	9.8		8.7	8.8		6.9	7.0		2.4	2.4		.5	.5		98.9	100		9.2		

105 TRUTH OF CONSEQUENCES, NY

HELMING-VISIBILITY

CURSE : NIGHT

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: T-5 TRUTH OR CONSEQUENCES, NM

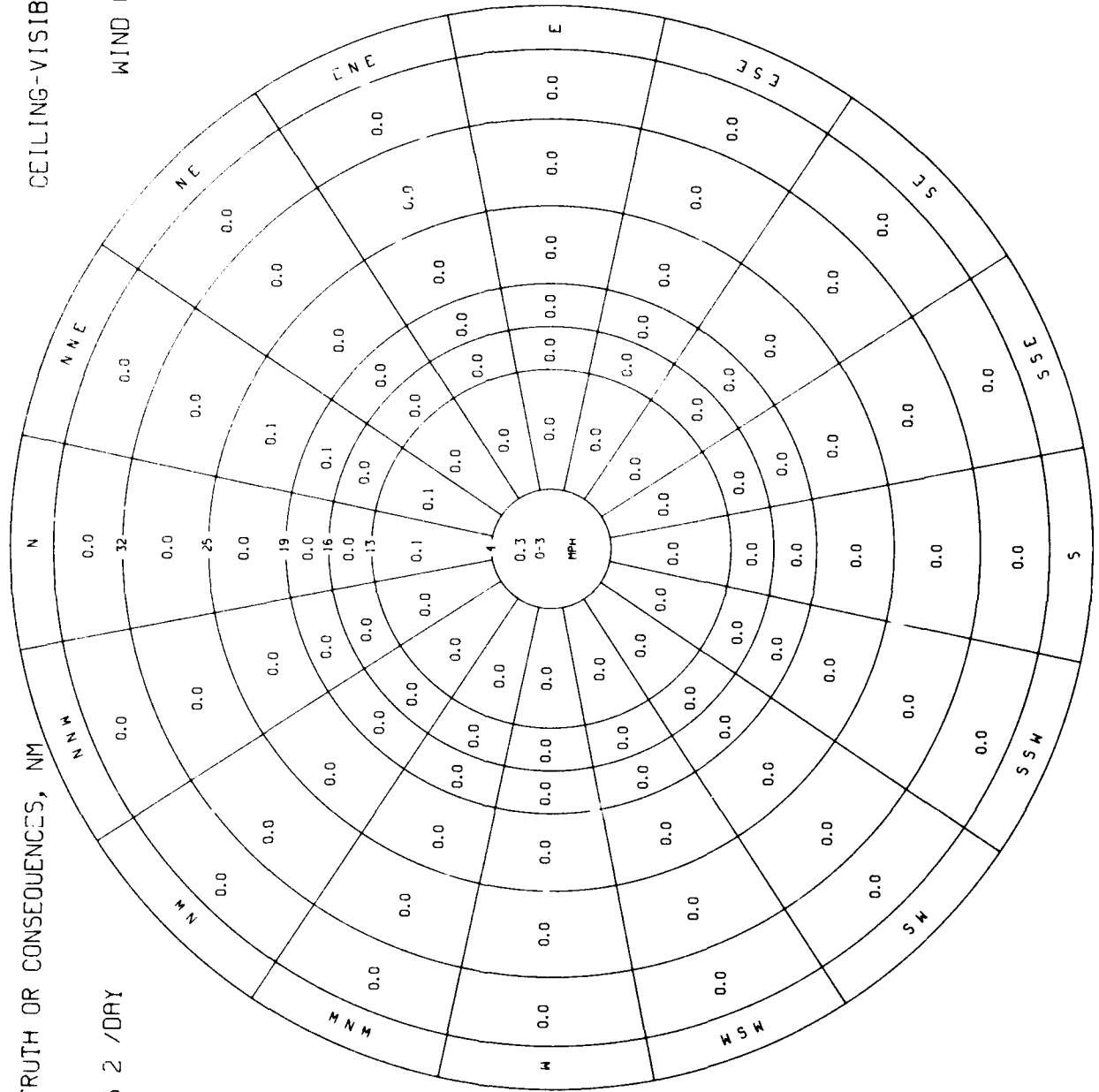
CLASS 1 / NIGHT

NO. OBS.: 35127

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.2	.2	6.4	6.4	.7	.7	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	7.9	8.0	9.2
NNE	.1	.1	2.6	2.7	.6	.6	.6	.6	.5	.5	.1	.1	.0	.0	.0	.0	4.6	4.6	12.1
NE	.1	.1	.7	.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	8.8
ENE	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	7.2
E	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	6.9
ESE	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	7.7
SE	.1	.1	.8	.8	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.1	1.1	8.7
SSE	.1	.1	1.2	1.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.5	9.0
S	.2	.2	3.4	3.5	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	4.9	4.9	10.2
SSW	.1	.1	3.4	3.4	.8	.8	.6	.6	.4	.4	.1	.1	.0	.0	.0	.0	5.3	5.4	11.4
SW	.2	.2	3.9	4.0	.7	.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.6	5.6	10.1
WSW	.1	.2	4.0	4.0	.6	.6	.4	.4	.2	.2	.0	.0	.0	.0	.0	.0	5.3	5.3	9.9
W	.2	.2	6.6	6.7	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	8.1	8.2	9.3
WNW	.2	.2	8.3	8.4	1.4	1.4	.7	.7	.3	.3	.0	.0	.0	.0	.0	.0	10.9	11.0	10.2
NW	.3	.3	11.2	11.3	1.8	1.9	.9	.9	.3	.3	.1	.1	.0	.0	.0	.0	14.7	14.8	10.1
NNW	.2	.3	6.4	6.5	.7	.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	7.9	8.0	9.3
CALM	18.8	19.0																	
TOTAL	21.3	21.5	59.9	60.5	9.0	9.1	5.4	5.4	2.7	2.8	.5	.6	.1	.1	.1	.1	98.9	100	8.1

ICCS TRUTH OR CONSEQUENCES, NM  
 CLASS 2 / DAY  
 CEILING-VISIBILITY  
 WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

PERIOD: 1951-1976

CLASS 2 / DAY

STATION NUMBER: 93045

NO. OBS.: 430

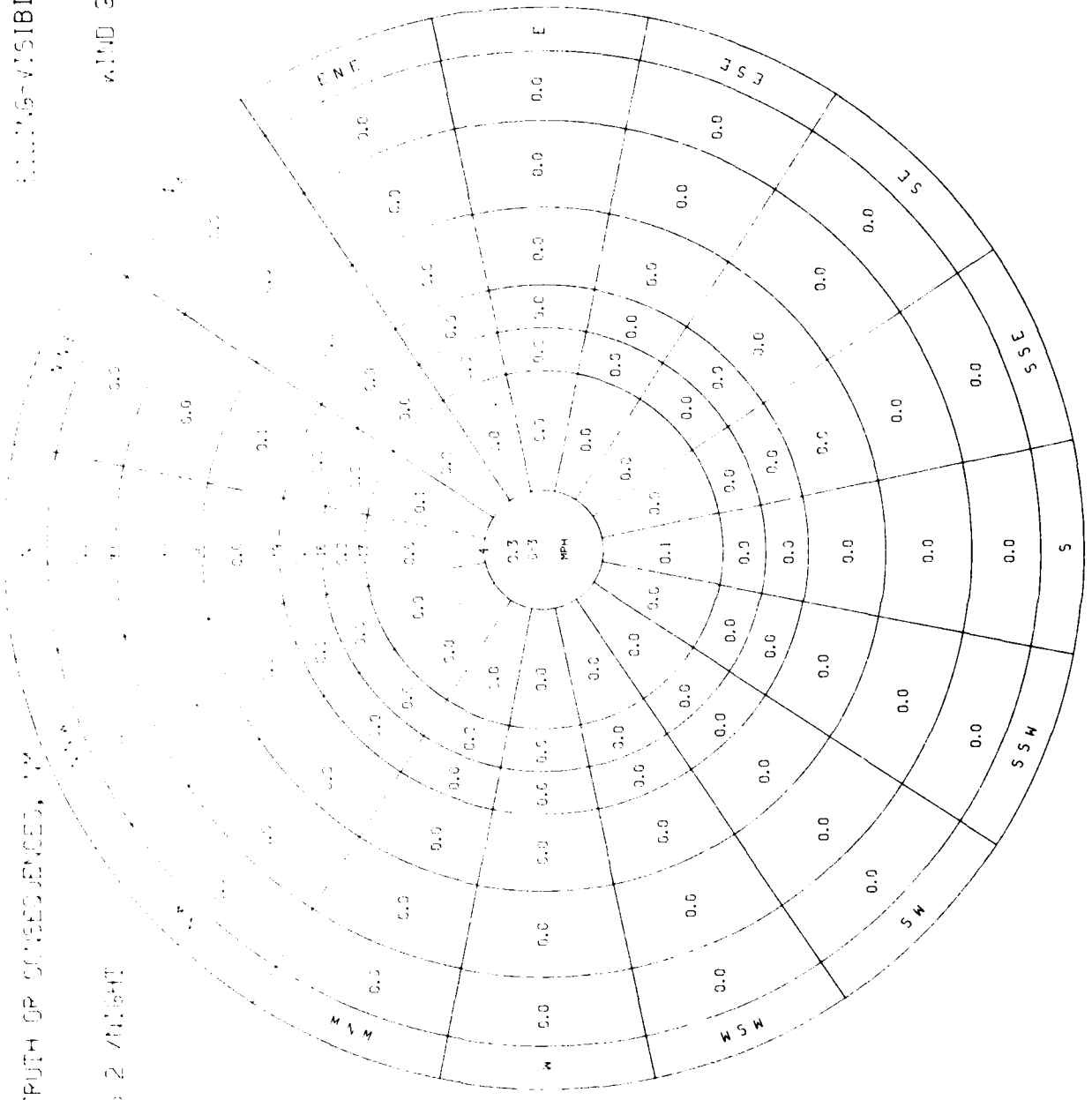
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	.0	.7	.1	5.1	.0	1.2	.0	1.2	.0	1.2	.0	2.3	.0	.5	.0	.0	.0	.1	10.9	13.6
NNE	.0	.0	.1	11.2	.0	3.0	.1	5.8	.1	5.2	.0	1.4	.0	.7	.0	.0	.0	.3	27.9	15.4
NE	.0	1.2	.0	2.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.3
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
E	.0	.5	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.1
ESE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.3
SE	.0	.2	.0	2.6	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.0
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0
S	.0	.5	.0	4.0	.0	1.4	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	7.0	10.6
SSW	.0	.2	.0	4.4	.0	.5	.0	.0	.0	.5	.0	.0	.0	.2	.0	.0	.0	.1	5.8	10.6
SW	.0	.2	.0	2.6	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.7	12.9
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.4
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.7	11.2
WNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	1.6	10.3
NW	.0	.2	.0	.9	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	8.7
NNW	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	13.7
CALM	.3	25.8																.3	25.8	
TOTAL	.3	29.8	.4	41.2	.1	7.2	.1	8.6	.1	9.5	.0	2.1	.0	1.6	.0	1.1	100	.3	25.8	9.2

CLASS 2 / NIGHT

IDS TRUTH OR CONSEQUENCE, 1M

CLASS 2 / NIGHT

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TOP TROUGH OR CONSEQUENCE, NM

CLASS: 2 / NIGHT

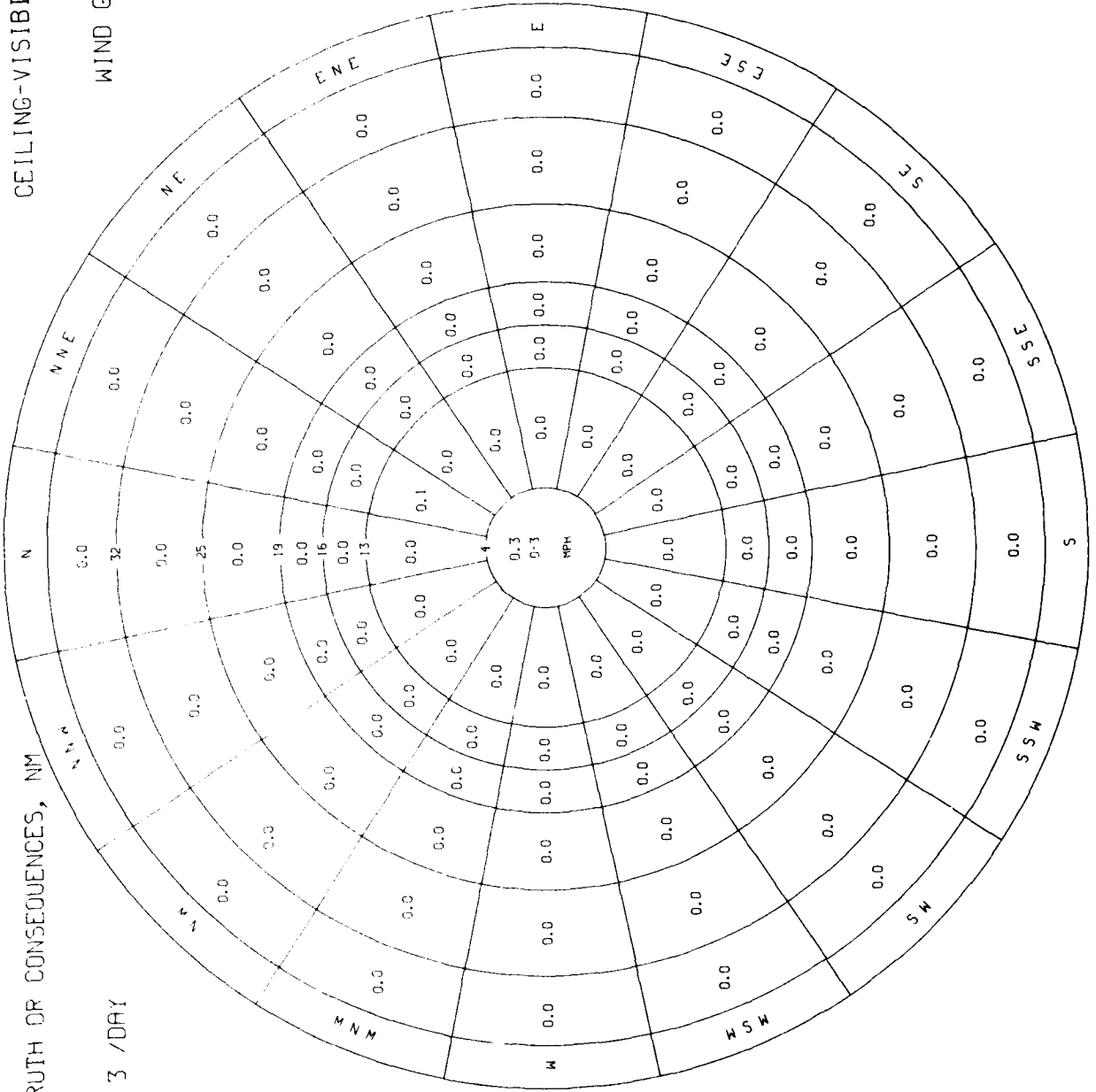
NO. OBS.: 381

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.0	4.5	.0	2.6	.0	2.1	.0	1.0	.0	.5	.0	.0	.0	.0	.1	11.3	12.7
NNE	.0	.8	.1	8.4	.0	4.2	.0	4.5	.1	8.4	.0	1.3	.0	.5	.0	.5	.3	28.1	15.7
NE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.6
ENE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.6	9.2
E	.0	.0	.0	.8	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.5
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.3	25.0
SE	.0	.3	.0	2.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.1
SSE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.6
S	.0	.0	.1	6.3	.0	1.0	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.1	8.1	9.9
SSW	.0	.3	.0	2.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.6
SW	.0	.0	.0	3.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.1
WSW	.0	.0	.0	1.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.3
W	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
WNW	.0	.0	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	11.3
NW	.0	.3	.0	1.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.8	9.7
NNW	.0	.0	.0	1.3	.0	.3	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	2.1	11.4
CALM	.3	29.1															.3	29.1	
TOTAL	.3	31.2	.4	37.3	.1	10.0	.1	8.1	.1	10.8	.0	2.1	.0	.5	1.1	100	.3	29.1	8.8

CEILING-VISIBILITY

WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM

CLASS 3 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

PERIOD: 1951-1976

CLASS 3 / DAY

STATION NUMBER: 93045

NO. OBS.: 326

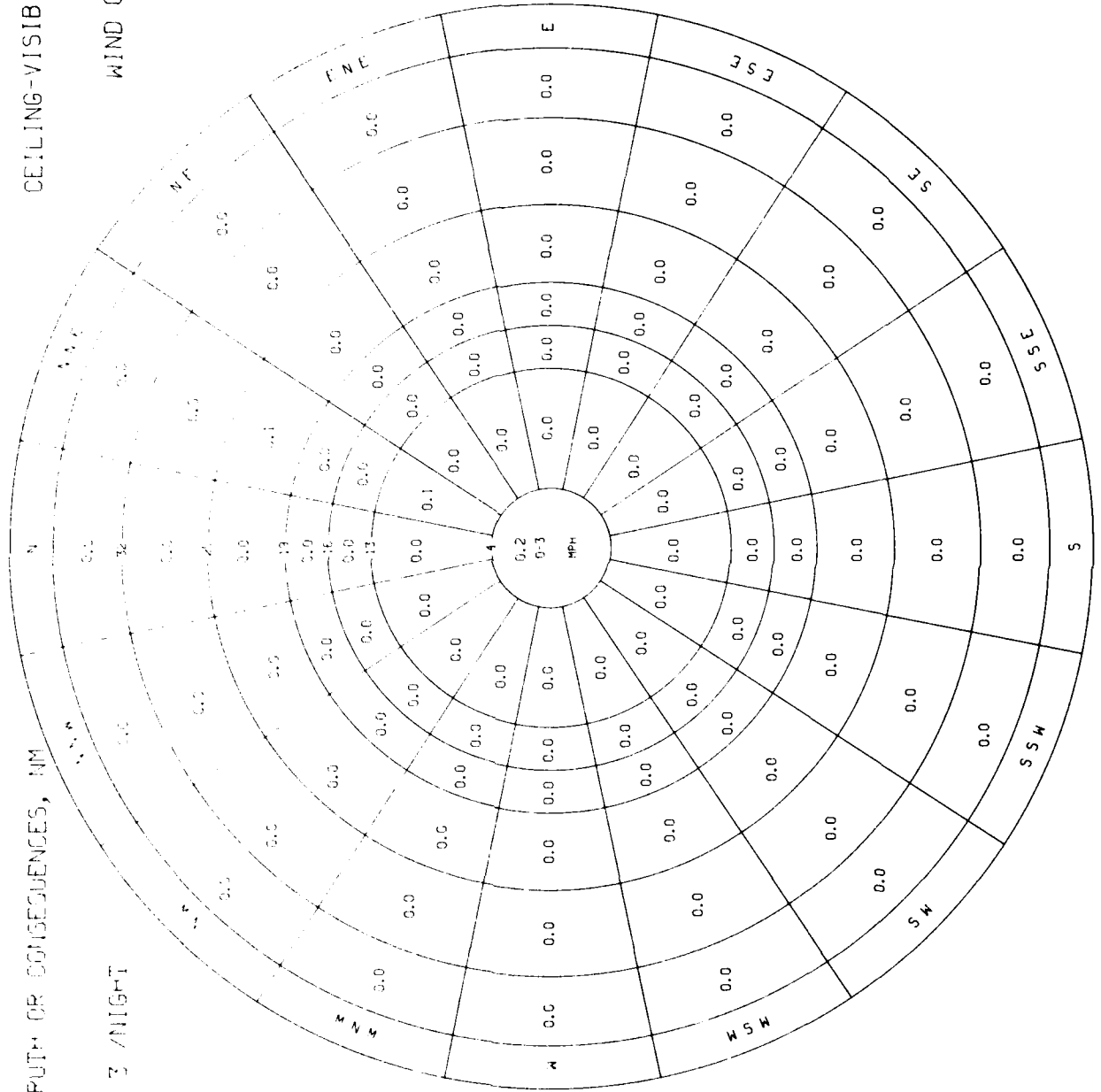
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D			
N	.0	.9	.0	4.9	.0	1.2	.0	1.2	.0	1.2	.0	2.1	.0	.0	.0	.0	.0	.1	10.4	12.6
NNE	.0	.0	.1	10.7	.0	3.1	.0	6.1	.0	3.7	.0	.3	.0	.3	.0	.3	.0	.2	24.2	14.3
NE	.0	1.2	.0	3.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.0
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.3
E	.0	.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
ESE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
SE	.0	.3	.0	2.1	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.3
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
S	.0	.3	.0	4.9	.0	1.8	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	8.6	10.8
SSW	.0	.0	.0	5.2	.0	.3	.0	.0	.0	.6	.0	.0	.0	.0	.0	.3	.1	.6	4	10.9
SW	.0	.3	.0	2.1	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.6	.0	.0	.0	3.7	14.2
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5
W	.0	.0	.0	.6	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	12.0
WNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	10.8
NW	.0	.3	.0	.9	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.8
NNW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.7
CALM	.2	27.9																.2	27.9	
TOTAL	.3	31.9	.3	42.0	.1	7.4	.1	9.2	.1	7.7	.0	.6	.0	.6	.0	1.2	.8	.8	100	8.4

CEILING-VISIBILITY

WIND GRAPH

TCS TRUTH OR CONSEQUENCES, NM

CLASS 3 / NIGHT

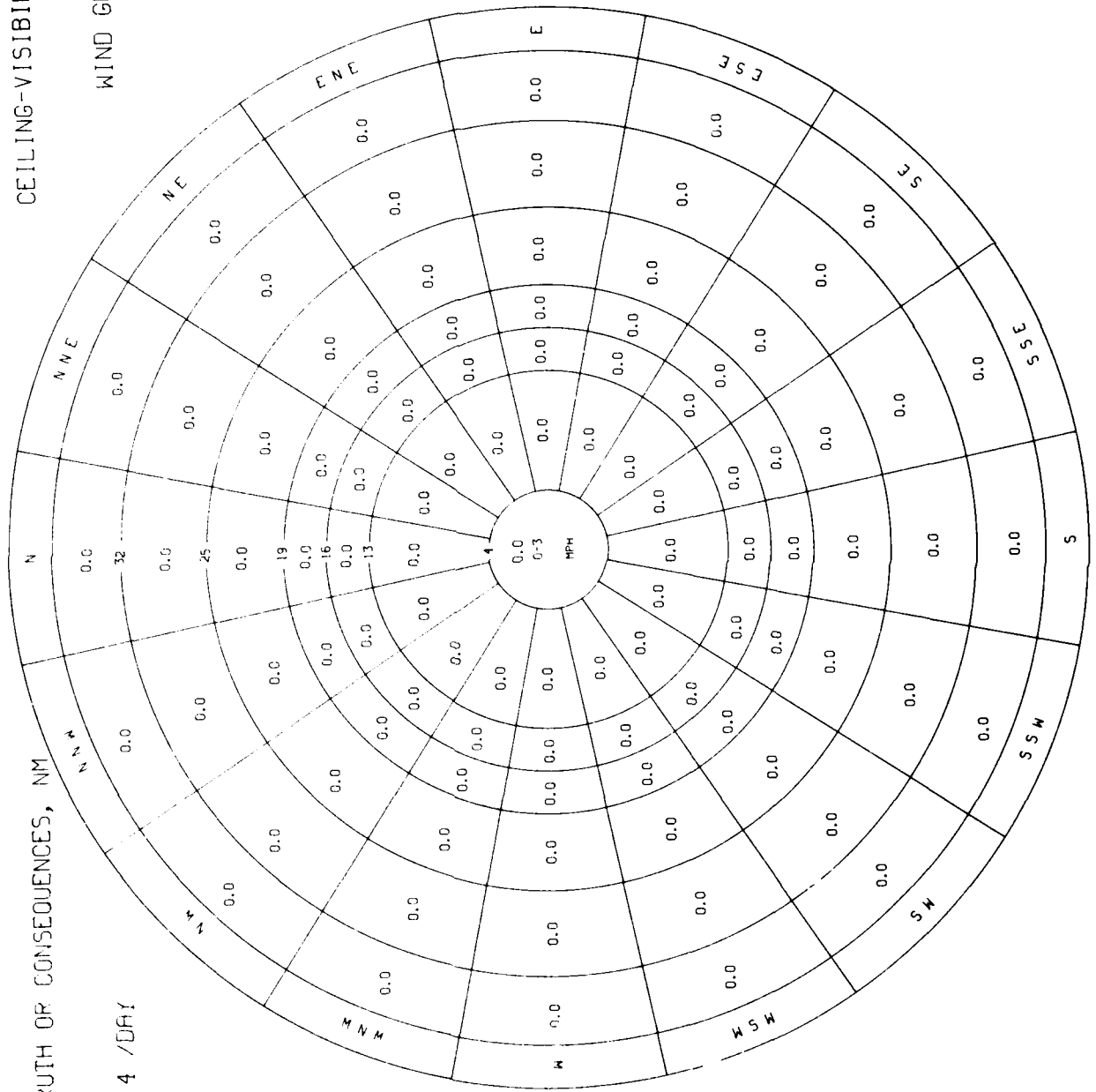




CEILING-VISIBILITY  
WIND GRAPH

TCS TRUTH OR CONSEQUENCES, NM

CLASS 4 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

CLASS 4 / DAY

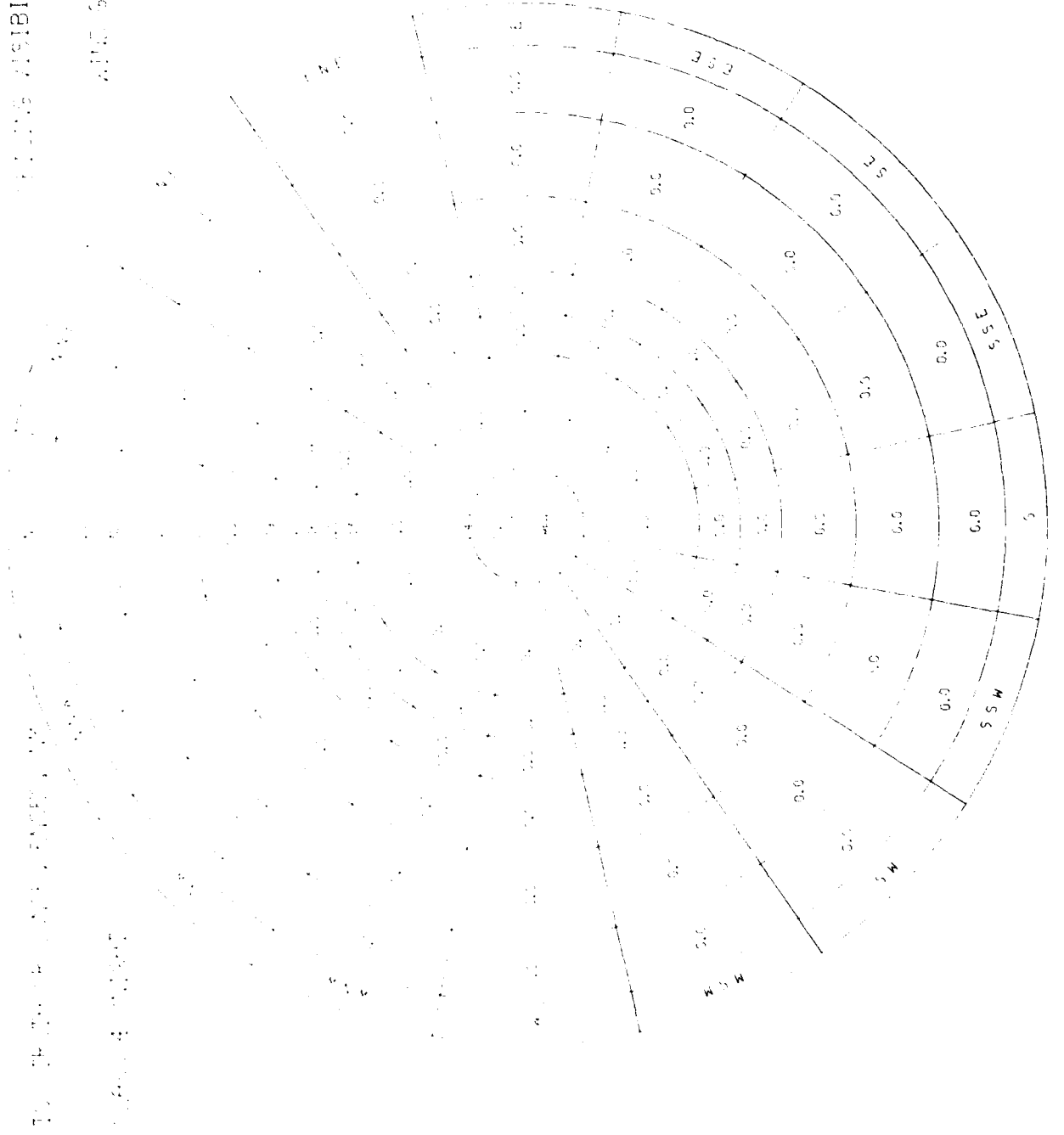
NO. OBS.: 51

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	7.8	.0	2.0	.0	2.0	.0	2.0	.0	2.0	.0	2.0	.0	13.7	12.9		
NNE	.0	.0	.0	15.7	.0	2.0	.0	5.9	.0	17.6	.0	9.8	.0	.0	.1	51.0	17.7		
NE	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.5		
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
E	.0	.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	14.0		
ESE	.0	.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0		
SE	.0	.0	.0	5.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	8.8		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	12.5		
SSW	.0	.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	10.0		
SW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.0	7.8	.1	41.2	.0	9.8	.0	7.8	.0	19.6	.0	9.8	.0	.0	.1	100	13.1		
TOTAL	.0	11.8	.1	41.2	.0	9.8	.0	7.8	.0	19.6	.0	9.8	.0	.0	.1	100	13.1		

WINDS VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TOUTH OF CONSEQUENTIA, NM

PERIOD: 1951-1976

CLASS 4 / NIGHT

STATION NUMBER: 3404F

NO. OBS.: 58

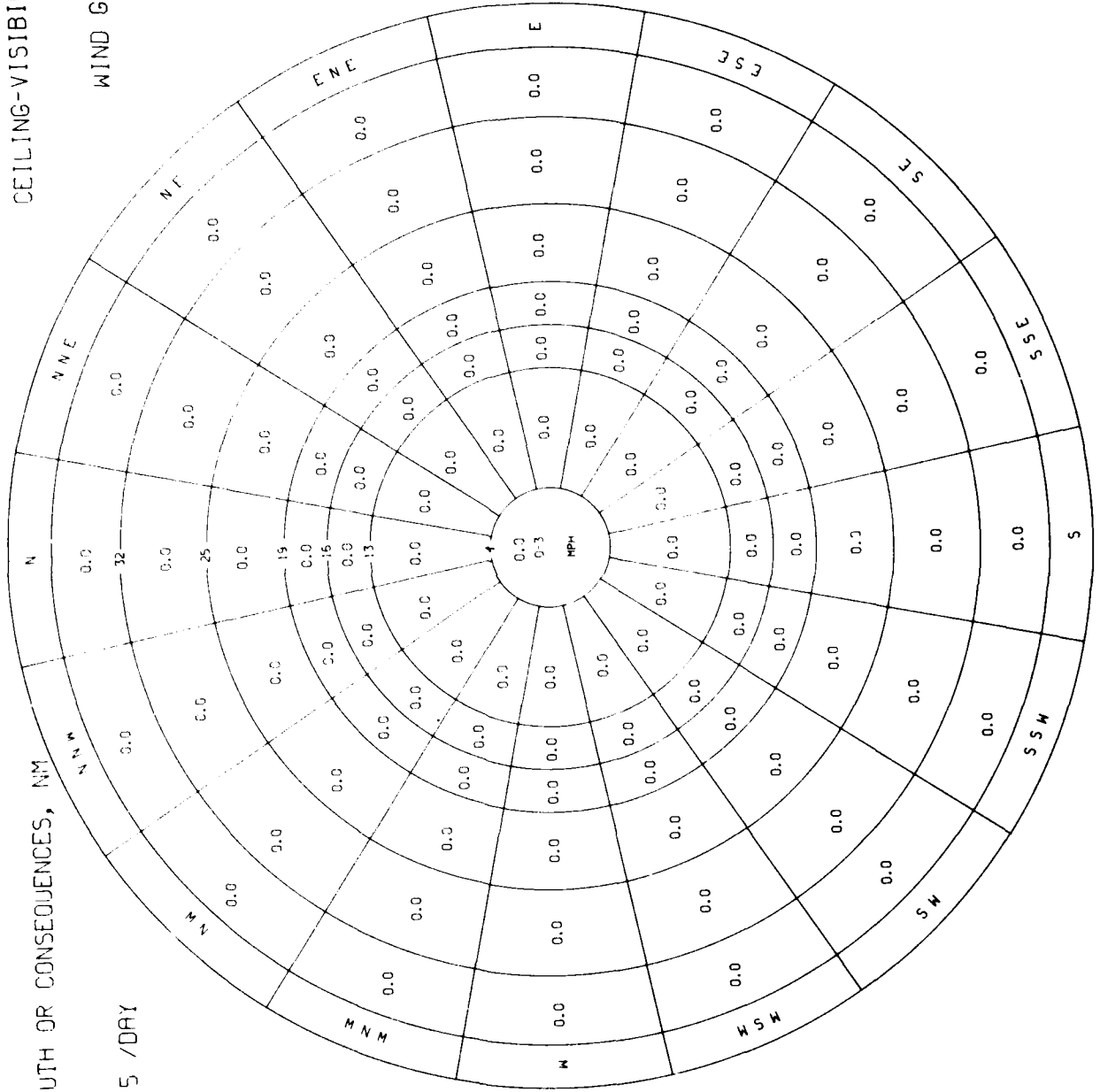
D I R	SPEED GROUPS (MPH)												AVG WIND SPEED												
	0-3			4-12			13-15			16-18			19-24			25-31			32+			TOTAL	C	D	
	A	B		A	B		A	B		A	B		A	B		A	B		A	B					
N	.0	.0	.0	.0	.5	.0	.0	1.7	.0	.0	6.9	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	10.3	.0	17.1
NNE	.0	.0	.0	.0	12.1	.0	.0	1.7	.0	.0	8.6	.0	.0	15.5	.0	.0	3.4	.0	.0	1.7	.0	.0	43.1	.1	17.6
NE	.0	.0	.0	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	.0	9.7
ENE	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	5.2	.0	11.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	5.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0	5.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	7.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0	7.0
CALM	.0	24.1																							
TOTAL	.0	24.1	.1	32.8	.0	3.4	.0	15.5	.0	19.0	.0	3.4	.0	1.7	.0	1.7	.0	1.7	.0	1.7	.0	1.7	.2	100	11.2

CEILING-VISIBILITY

WIND GRAPH

ICS TRUTH OR CONSEQUENCES, NM

CLASS 5 /DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

CLASS 5 / DAY

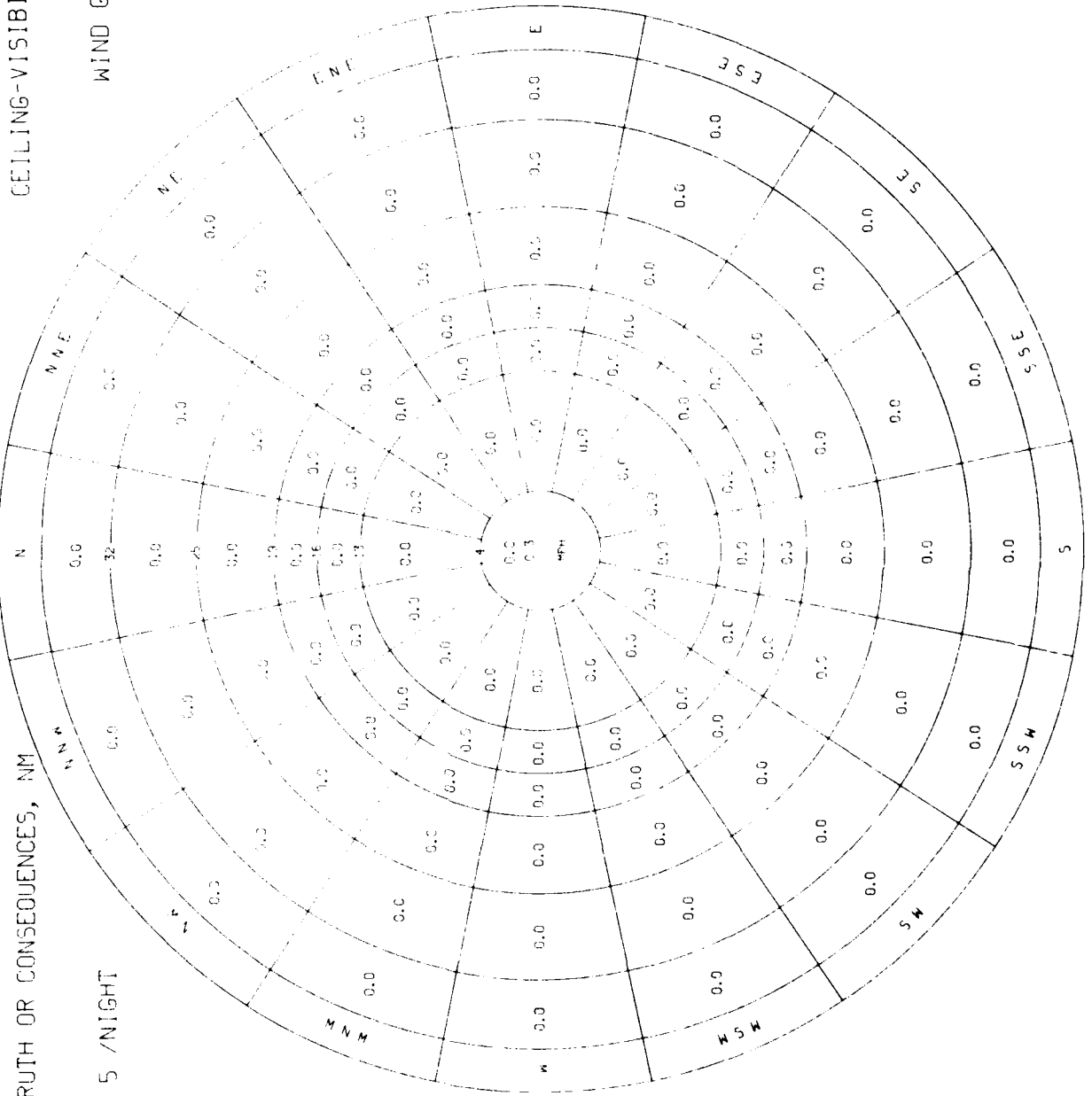
NO. OBS.: 32

STATION NUMBER: 93045

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	3.1	.0	.0	.0	.0	.0	3.1	.0	3.1	.0	.0	.0	.0	9.4	19.7	
NNE	.0	.0	.0	6.3	.0	6.3	.0	3.1	.0	12.5	.0	.0	.0	.0	.0	.0	28.1	16.2	
NE	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	17.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
ESE	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.0	
SSW	.0	3.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.0	
SW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	
CALM	.0	28.1															.0	28.1	10.0
TOTAL	.0	31.3	.0	34.4	.0	6.3	.0	6.3	.0	15.6	.0	3.1	.0	3.1	.0	3.1	.0	100	

CEILING-VISIBILITY

WIND GRAPH



TCS TRUTH OR CONSEQUENCES, NM

CLASS 5 /NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

PERIOD: 1951-1976

CLASS 5 / NIGHT

NO. OBS.: 25

STATION NUMBER: 93045

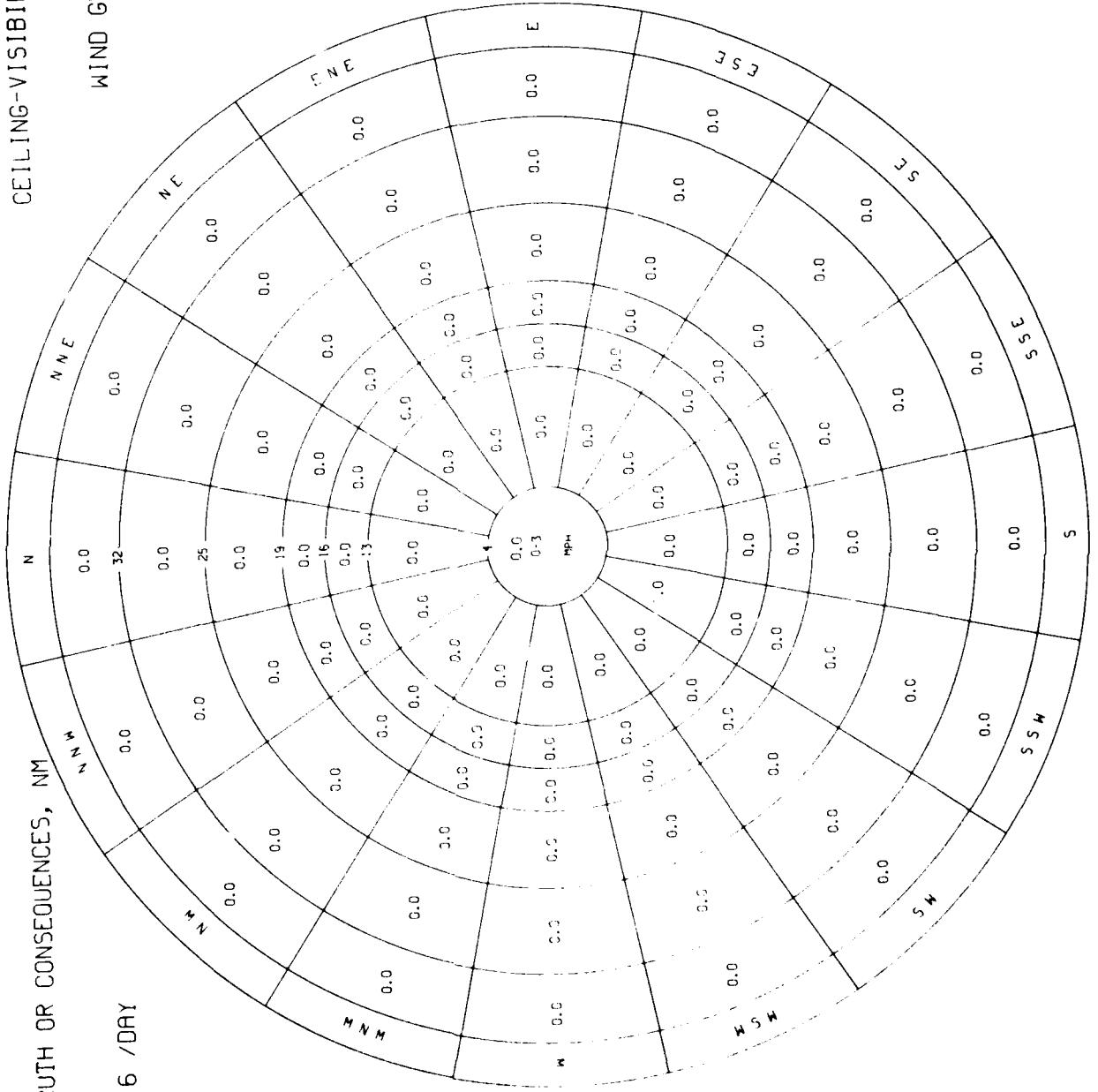
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	12.0	.0	.0	.0	.0	.0	20.0	16.8	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.5	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	12.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	8.7	
SSW	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0	
SW	.0	.0	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	9.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	44.0														.0	44.0	.0	
TOTAL	.0	44.0	.0	44.0	.0	.0	.0	.0	.0	.0	12.0	.0	.0	.0	.0	.1	100	6.3	

CEILING-VISIBILITY

WIND GRAPH

TCS TRUTH OR CONSEQUENCES, NM

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1951-1976

STATION NAME: TCS TRUTH OR CONSEQUENCES, NM

CLASS 6 / DAY

STATION NUMBER: 93045

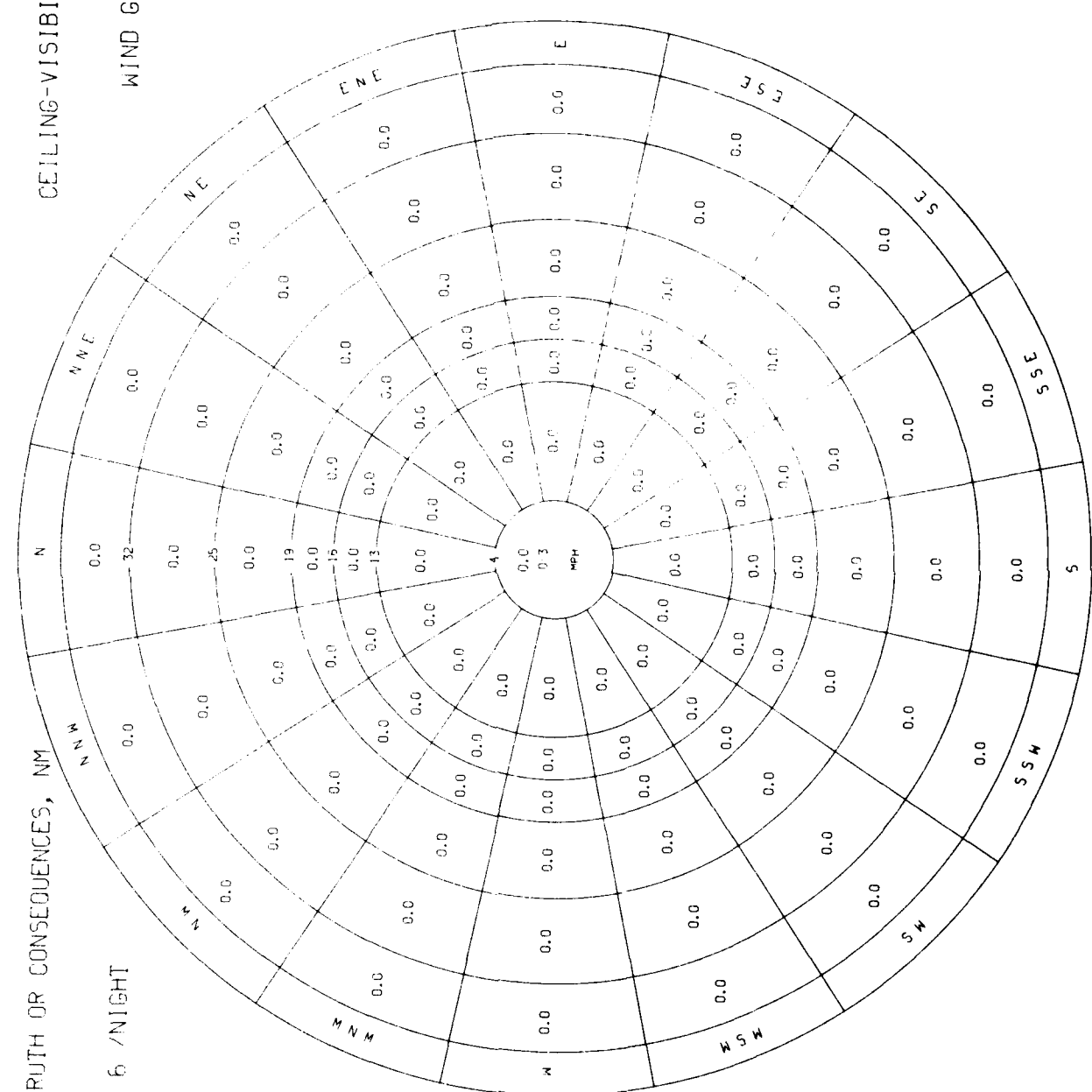
NO. OBS.: 21

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.8	.0	.0	.0	.0	.0	4.8	.0	4.8	.0	4.8	.0	.0	14.3	20.3	
NNE	.0	.0	.0	14.3	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	9.5	28.6	18.5	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	12.0	
WSW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.0	
NW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	33.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33.3	.0	
TOTAL	.0	38.1	.0	38.1	.0	.0	.0	4.8	.0	4.8	.0	4.8	.0	4.8	.0	9.5	100	9.8	

CEILING-VISIBILITY

CLASS 6 / NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS  
ANNUAL

STATION NAME: THE TROUGH OF CONSEQUENCES, NM

PERIOD: 1951-1976

CLASS 6 / NIGHT

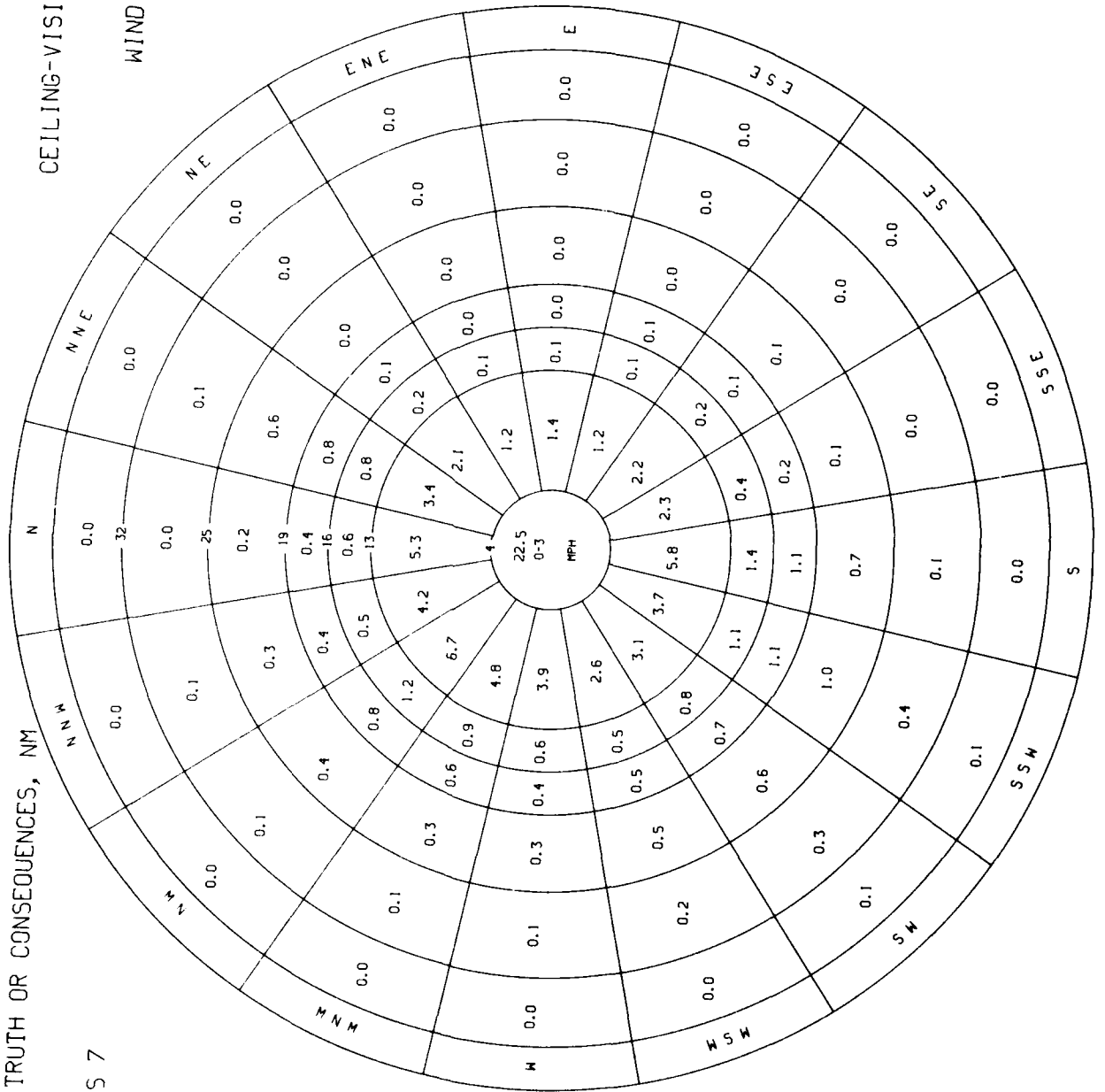
STATION NUMBER: 93045

NO. OBS.: 25

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED												
	0-3			4-12			13-15			16-18			19-24			25-31				32+			TOTAL								
	A	B		A	B		A	B		A	B		A	B		A	B			A	B		A	B		C	D				
N	.0	.0		.0	8.0		.0	.0		.0	4.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	12.0		11.3			
NNE	.0	4.0		.0	12.0		.0	.0		.0	4.0		.0	8.0		.0	4.0		.0	.0		.0	.0		.0	36.0		16.4			
NE	.0	.0		.0	8.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	8.0		6.0			
ENE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
E	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
ESE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
SE	.0	4.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		3.0			
SSE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
S	.0	.0		.0	8.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	8.0		6.0			
SSW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
SW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
WSW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
W	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
WNW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
NW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
NNW	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0			
CALM	.0	22.0																										.0			
TOTAL	.0	40.0		.0	36.0		.0	.0		.0	8.0		.0	8.0		.0	8.0		.0	8.0		.0	4.0		.0	4.0		.0	32.0		8.3

ICS TRUTH OR CONSEQUENCES, NM  
CLASS 7

CEILING-VISIBILITY  
WIND GRAPH

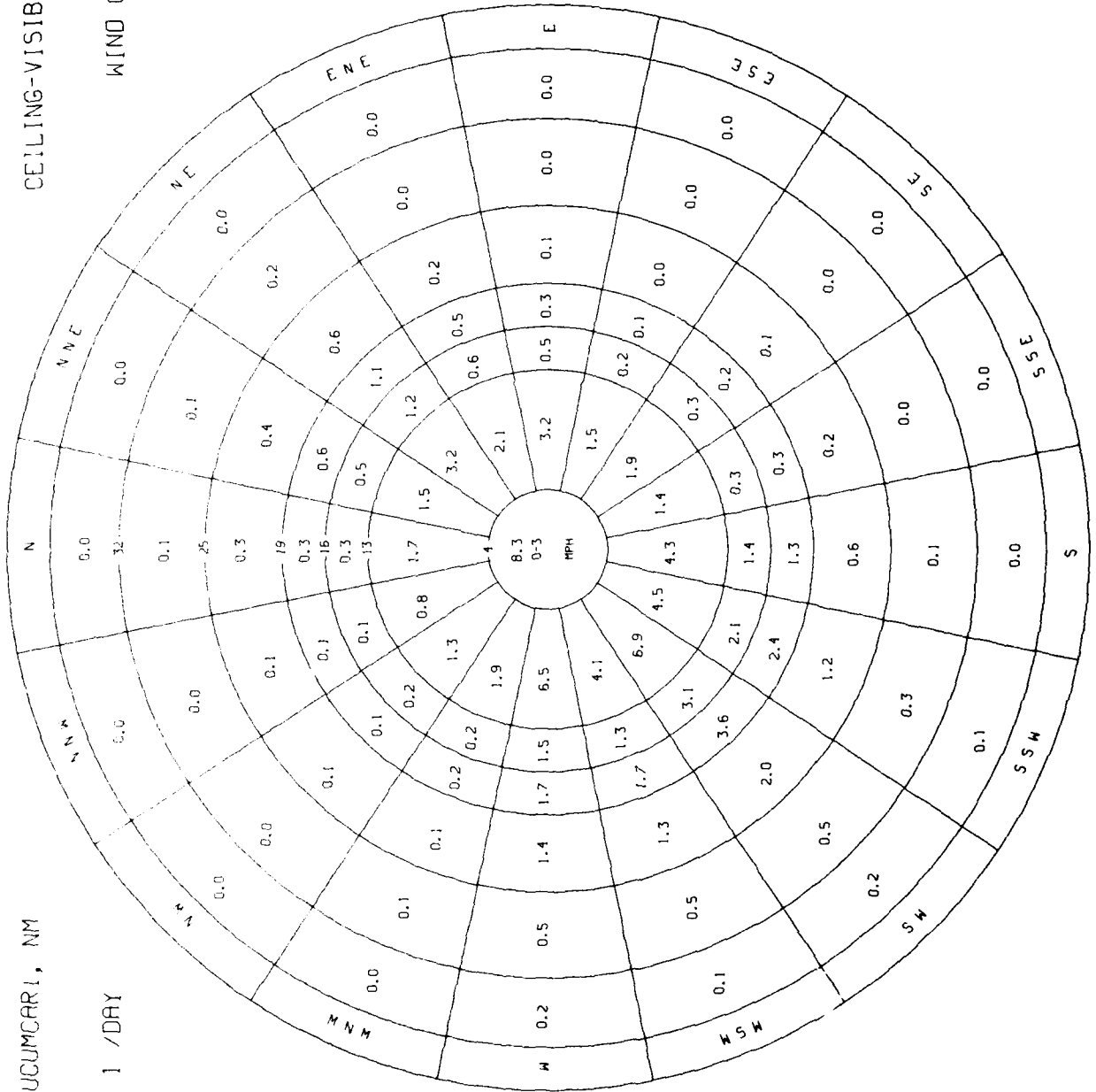


CEILING-VISIBILITY

WIND GRAPH

TCC TUCUMCARI, NM

CLASS 1 /DAY



PRECEDING PAGE BLANK-NOT FILM

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS : / DAY

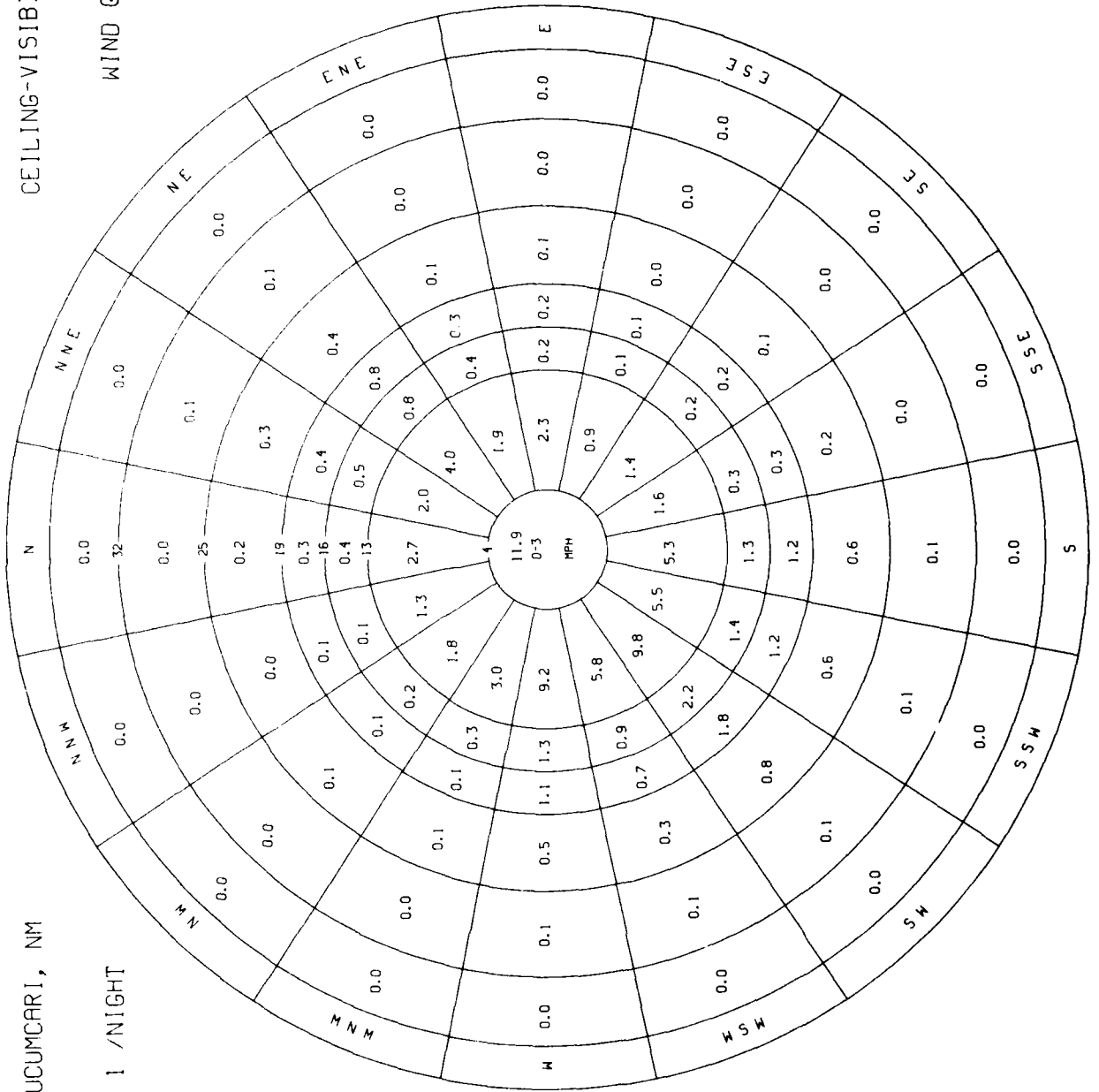
NO. OBS.: 46053

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.1	1.7	1.8	.3	.3	.3	.3	.3	.3	.1	.1	.0	.0	2.7	2.9	12.1		
NNE	.0	.1	1.5	1.6	.5	.5	.6	.6	.4	.4	.1	.1	.0	.0	3.2	3.3	13.2		
NE	.1	.1	3.2	3.4	1.2	1.2	1.1	1.1	.6	.6	.2	.2	.0	.0	6.3	6.7	12.7		
ENE	.1	.1	2.1	2.2	.6	.6	.5	.5	.2	.2	.0	.0	.0	.0	3.6	3.7	11.6		
E	.1	.1	3.2	3.3	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	4.1	4.3	9.7		
ESE	.1	.1	1.5	1.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.0	9.6		
SE	.1	.1	1.9	2.0	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.6	2.7	10.1		
SSE	.0	.1	1.4	1.5	.3	.4	.3	.3	.2	.2	.0	.0	.0	.0	2.3	2.4	11.5		
S	.1	.1	4.3	4.5	1.4	1.4	1.3	1.3	.6	.7	.1	.1	.0	.0	7.9	8.3	12.3		
SSW	.1	.1	4.5	4.8	2.1	2.2	2.4	2.5	1.2	1.3	.3	.3	.1	.1	10.6	11.2	13.9		
SW	.2	.2	6.9	7.3	3.1	3.3	3.6	3.8	2.0	2.1	.5	.6	.2	.2	16.6	17.4	14.0		
WSW	.1	.1	4.1	4.3	1.3	1.4	1.7	1.8	1.3	1.4	.5	.5	.1	.1	9.1	9.6	14.2		
W	.2	.2	6.5	6.9	1.5	1.6	1.7	1.8	1.4	1.5	.5	.5	.2	.2	12.0	12.6	13.1		
WNW	.1	.1	1.9	2.0	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	2.6	2.7	10.8		
NW	.1	.1	1.3	1.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.7	1.8	9.9		
NNW	.0	.0	.8	.8	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.2	1.2	10.9		
CALM	6.9	7.2													6.9	7.2			
TOTAL	8.3	8.8	46.8	49.2	13.6	14.3	14.5	15.3	8.8	9.2	2.4	2.6	.7	.7	95.2	100	11.8		

CEILING-VISIBILITY  
WIND GRAPH

TCC TUCUMCARI, NM  
CLASS 1 / NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCART, NM

CLASS 1 / NIGHT

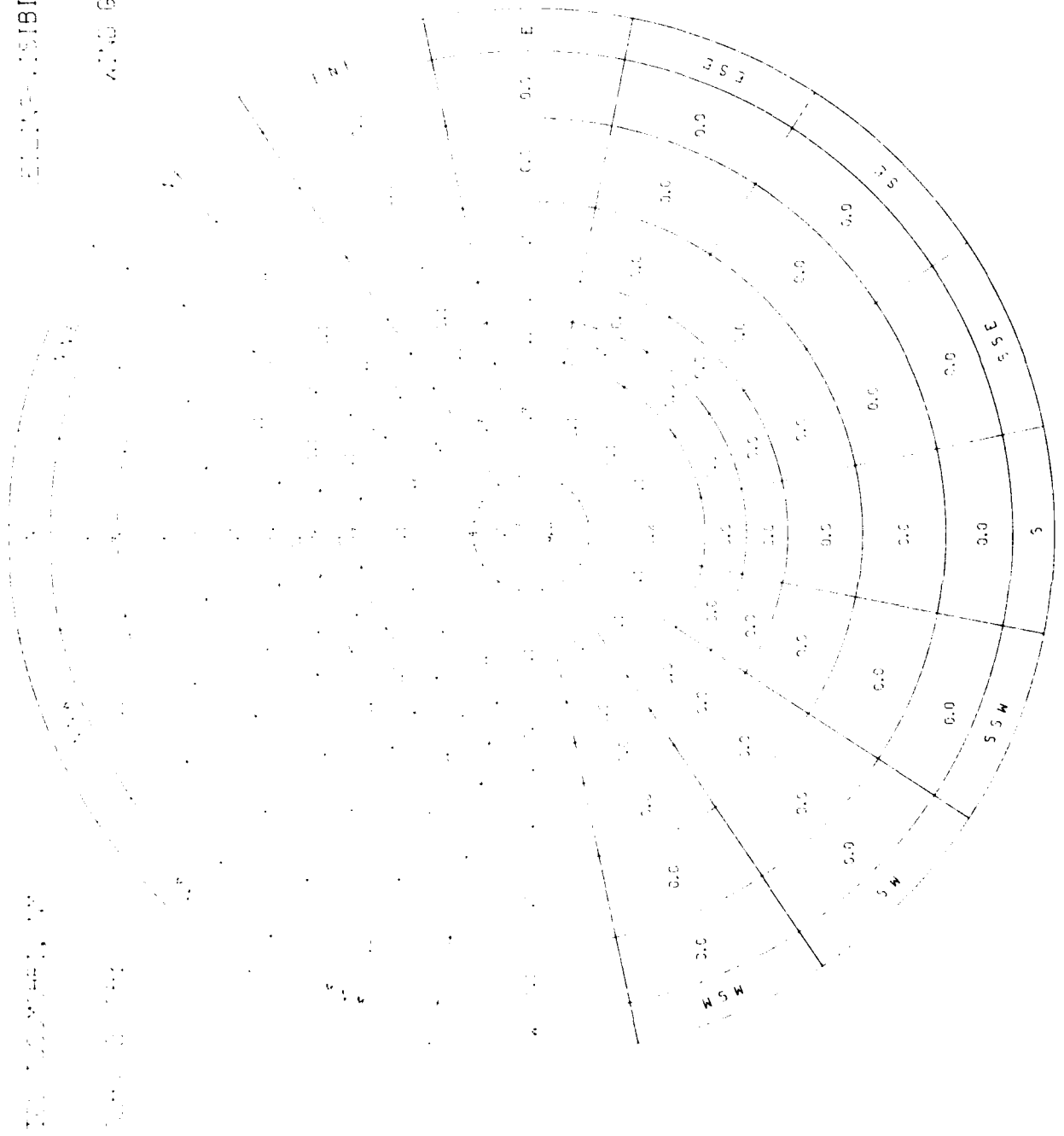
NO. OBS.: 37180

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D					
N	.1	.1	2.7	2.8	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	3.7	3.9	10.1	
NNE	.1	.1	2.0	2.1	.5	.5	.4	.4	.3	.3	.1	.1	.1	.1	.0	.0	.0	3.3	3.5	11.7	
NNE	.2	.2	4.0	4.3	.8	.9	.8	.8	.4	.4	.1	.1	.1	.1	.0	.0	.0	6.3	6.7	11.2	
ENE	.1	.1	1.9	2.0	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.8	2.9	10.6	
E	.1	.1	2.3	2.4	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.8	3.0	9.3	
ESE	.1	.1	.9	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	9.6	
SE	.1	.1	1.4	1.5	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	10.3	
SSE	.1	.1	1.6	1.6	.3	.3	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	2.3	2.5	11.1	
S	.2	.2	5.3	5.6	1.3	1.4	1.2	1.3	.6	.6	.1	.1	.1	.1	.0	.0	.0	8.6	9.0	11.4	
SSW	.1	.1	5.5	5.8	1.4	1.5	1.2	1.3	.6	.6	.1	.1	.1	.1	.0	.0	.0	8.9	9.3	11.6	
SW	.3	.3	9.8	10.3	2.2	2.3	.8	1.9	.8	.8	.1	.1	.1	.1	.0	.0	.0	15.0	15.8	11.1	
WSW	.1	.2	5.8	6.1	.9	.9	.7	.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	7.9	8.4	10.4	
W	.2	.2	9.2	9.7	1.3	1.4	1.1	1.1	.5	.5	.1	.1	.1	.1	.0	.0	.0	12.5	13.1	10.3	
WNW	.1	.1	3.0	3.2	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.6	3.8	9.2	
NW	.1	.1	1.8	1.9	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.2	2.4	9.5	
NNW	.0	.0	1.3	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.7	9.7	
ALM	10.2	10.7																			
TOTAL	11.9	12.5	58.5	61.6	10.6	11.1	8.9	9.3	4.2	4.4	.8	.8	.2	.2	.2	.2	.2	94.9	100	9.6	

FIELD VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: T. J. DUMARTEL, NM

CLASS 2 / DAY

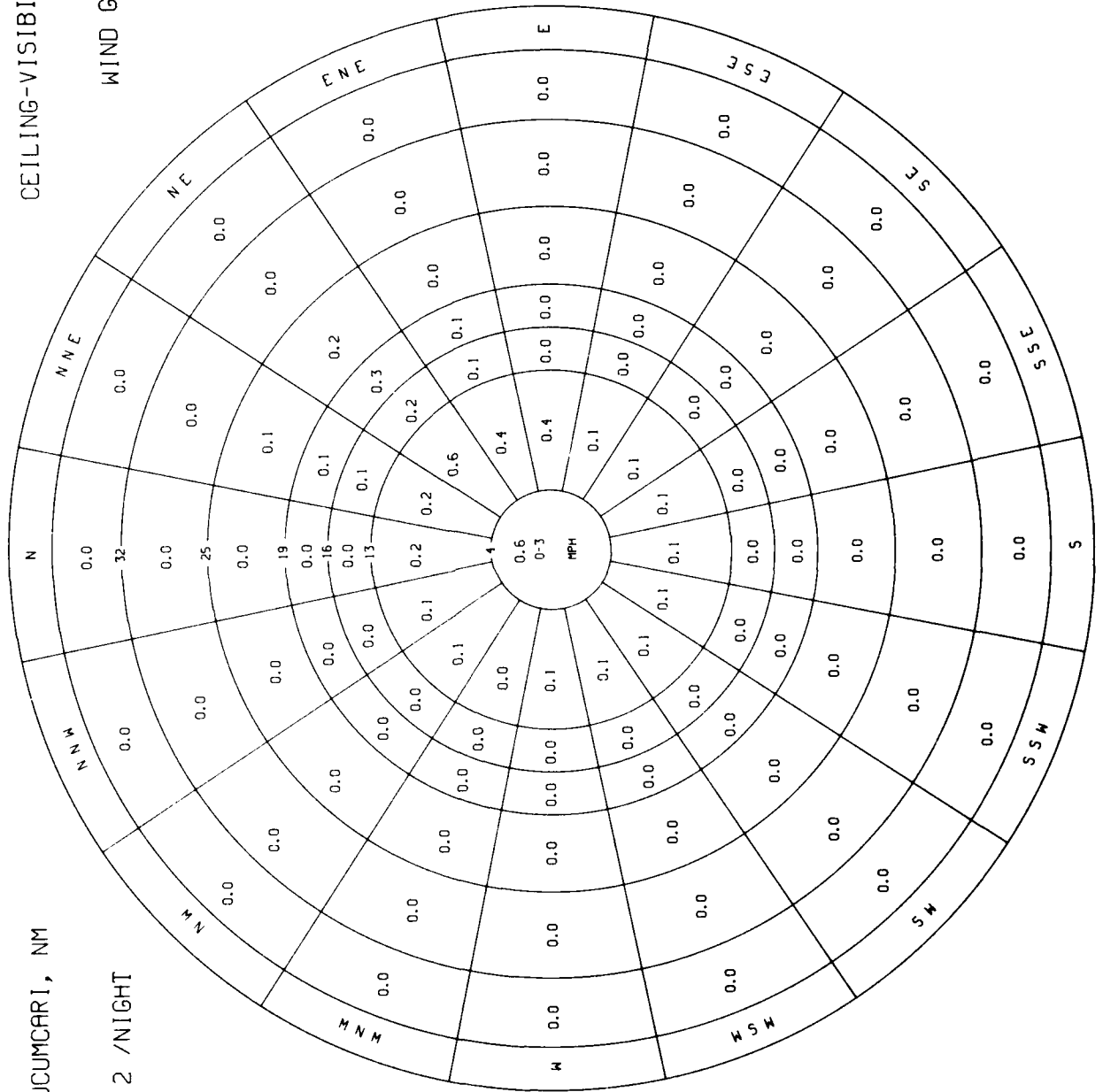
NO. OBS.: 2323

STATION NUMBER: 23148

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	2.7	.0	.6	.0	1.0	.1	1.1	.0	.2	.0	.2	.3	6.0	14.7		
NNE	.0	.0	.2	4.3	.1	1.5	.1	2.2	.1	1.2	.0	.6	.0	.6	.5	9.9	14.3		
NE	.0	.4	.6	1.9	.2	5.0	.2	4.4	.1	1.9	.0	.6	.0	.1	1.2	24.3	13.1		
ENE	.0	.2	.3	6.5	.1	2.7	.1	1.8	.0	.7	.0	.1	.0	.0	.6	11.9	11.9		
E	.0	.3	.3	7.0	.1	1.2	.0	.4	.0	.2	.0	.0	.0	.0	.4	9.2	9.7		
ESE	.0	.2	.1	2.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	3.1	9.5		
SE	.0	.2	.1	2.0	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.1	3.1	10.4		
SSE	.0	.0	.1	1.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	9.9		
S	.0	.1	.2	3.8	.0	.8	.0	.6	.0	.4	.0	.0	.0	.0	.3	5.8	11.4		
SSW	.0	.0	.1	2.1	.0	.6	.0	.9	.0	.3	.0	.1	.0	.1	.2	4.0	13.6		
SW	.0	.0	.1	2.0	.0	.1	.0	.6	.0	.3	.0	.2	.0	.1	.2	3.9	13.8		
WSW	.0	.0	.0	1.0	.0	.1	.0	.1	.0	.2	.0	.1	.0	.0	.1	1.9	17.7		
W	.0	.1	.1	1.4	.0	.1	.0	.0	.0	.3	.0	.3	.0	.4	.1	2.7	15.9		
WNW	.0	.0	.0	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	11.5		
NW	.0	.0	.0	.8	.0	.2	.0	.0	.0	.0	.0	.1	.0	.0	.1	1.2	11.4		
NNW	.0	.0	.0	.8	.0	.2	.0	.4	.0	.1	.0	.2	.0	.4	.1	2.1	18.9		
CALM	.4	8.0	2.4	50.6	.7	15.1	.6	13.1	.3	6.8	.1	2.7	.1	1.9	4.8	100	11.7		
TOTAL	.5	9.8	2.4	50.6	.7	15.1	.6	13.1	.3	6.8	.1	2.7	.1	1.9	4.8	100	11.7		

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCC TUCUMCARI, NM

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23048

NO. OBS.: 1992

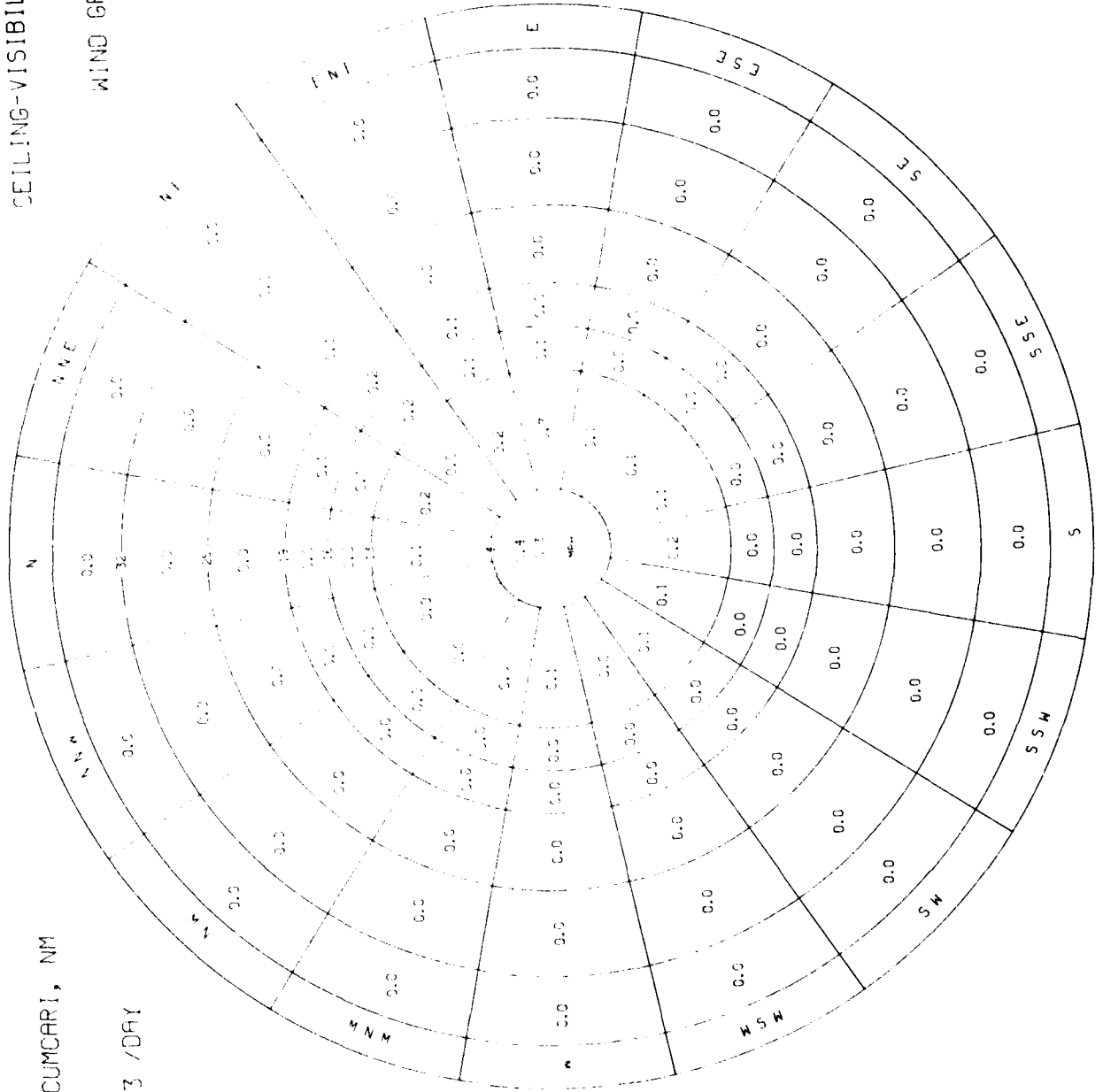
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.1	.2	3.1	.0	.8	.0	.9	.0	.4	.0	.2	.0	.1	.3	5.3	12.4		
NNE	.0	.1	.2	4.5	.1	1.5	.1	2.4	.1	1.3	.0	.2	.0	.1	.5	9.9	13.5		
NE	.0	.3	.6	12.2	.2	4.1	.3	6.1	.2	3.6	.0	.4	.0	.1	1.4	26.8	13.5		
ENE	.0	.1	.4	7.8	.1	2.2	.1	1.7	.0	.5	.0	.0	.0	.1	.6	12.3	11.5		
E	.0	.2	.4	7.1	.0	.9	.0	.5	.0	.1	.0	.1	.0	.0	.4	8.8	9.7		
ESE	.0	.2	.1	1.9	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	2.1	8.9		
SE	.0	.2	.1	1.7	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	2.3	9.0		
SSE	.0	.1	.1	1.6	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.1	2.0	9.8		
S	.0	.1	.1	2.9	.0	.5	.0	.4	.0	.1	.0	.0	.0	.0	.2	3.9	9.9		
SSH	.0	.1	.1	1.9	.0	.7	.0	.6	.0	.3	.0	.1	.0	.0	.2	3.5	12.8		
SW	.0	.2	.1	2.9	.0	.6	.0	.9	.0	.2	.0	.1	.0	.1	.3	5.0	12.0		
WSW	.0	.0	.1	1.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.3	8.8		
W	.0	.1	.1	1.5	.0	.1	.0	.2	.0	.1	.0	.1	.0	.1	.1	2.0	10.8		
WNW	.0	.0	.0	.9	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	1.0	9.0		
NW	.0	.2	.1	1.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.5	9.0		
NNW	.0	.1	.1	1.3	.0	.3	.0	.2	.0	.2	.0	.1	.0	.1	.1	2.2	12.1		
CALM	.5	10.2													.5	10.2			
TOTAL	.6	11.9	2.7	53.2	.6	12.3	.7	14.1	.3	6.8	.1	1.3	.0	.4	5.1	100	10.7		

CEILING-VISIBILITY

WIND GRAPH

TCC TUCUMCARI, NM

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCC TUCUMCARI, NM

PERIOD: 1949-1978

CLASS 3 / DAY

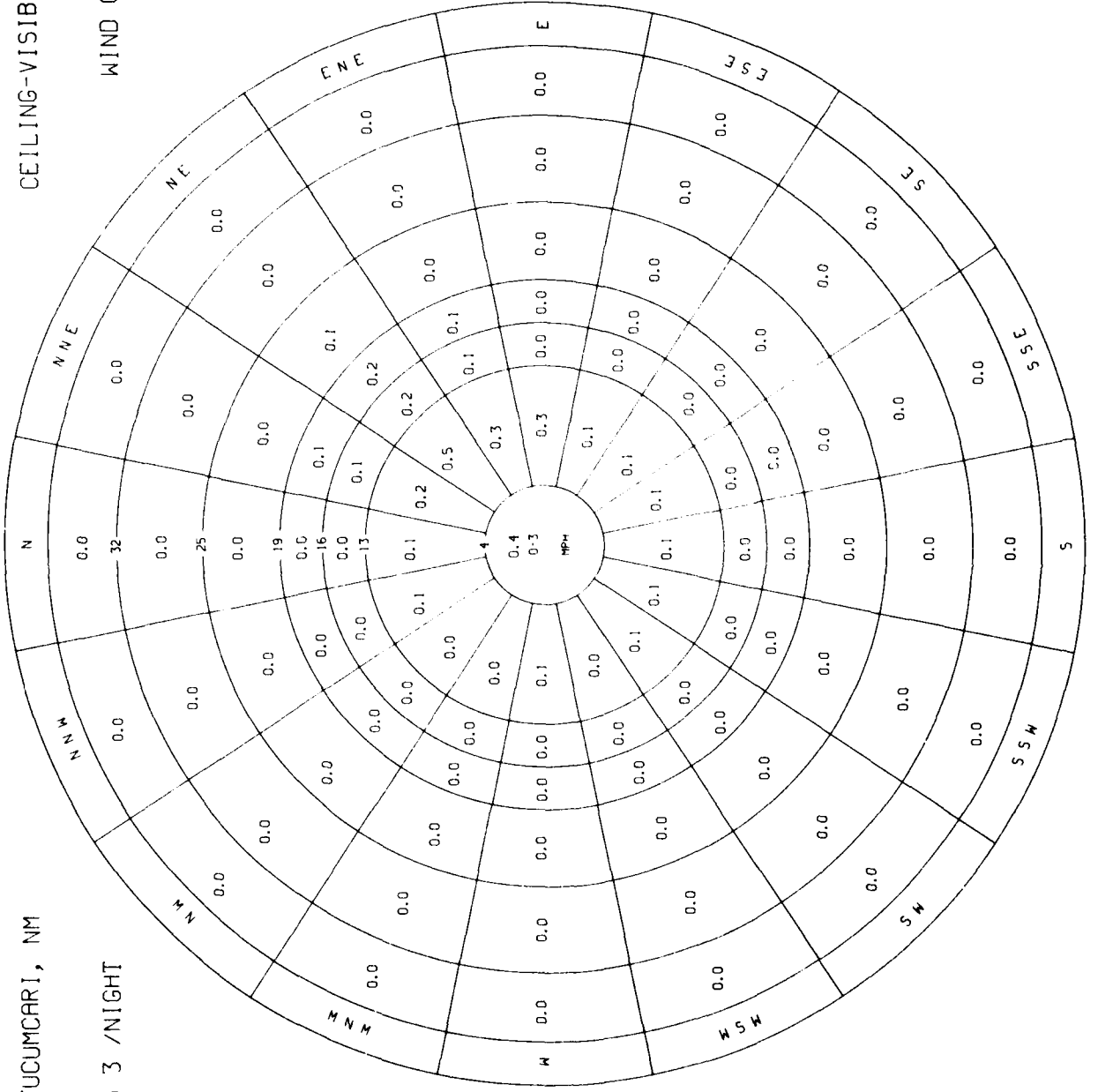
STATION NUMBER: 23048

NO. OBS.: 1909

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.1	.1	2.5	.0	.7	.0	1.0	.0	.9	.0	.2	.0	.1	.2	5.4	14.3		
NNE	.0	.1	.2	4.7	.1	1.4	.1	1.8	.0	1.2	.0	.5	.0	.0	.4	9.6	13.7		
NE	.0	.4	.5	11.7	.2	4.7	.2	4.0	.1	1.8	.0	.5	.0	.1	.9	23.3	13.0		
ENE	.0	.2	.2	6.3	.1	2.3	.1	1.6	.0	.6	.0	.0	.0	.0	.4	10.9	11.7		
E	.0	.4	.3	7.4	.1	1.4	.0	.4	.0	.2	.0	.0	.0	.0	.4	9.9	9.8		
ESE	.0	.2	.1	2.3	.0	.4	.0	.2	.0	.1	.0	.1	.0	.1	.1	3.2	10.0		
SE	.0	.2	.1	2.1	.0	.5	.0	.5	.0	.1	.0	.0	.0	.0	.1	3.4	10.6		
SSE	.0	.1	.1	1.6	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.1	2.4	10.1		
S	.0	.1	.2	4.3	.0	1.0	.0	.7	.0	.5	.0	.0	.0	.0	.3	6.7	11.4		
SSW	.0	.0	.1	2.4	.0	.7	.0	1.0	.0	.3	.0	.2	.0	.1	.2	4.7	13.7		
SW	.0	.1	.1	2.2	.0	.8	.0	.7	.0	.4	.0	.2	.0	.1	.2	4.4	13.2		
WSW	.0	.1	.0	1.2	.0	.1	.0	.1	.0	.2	.0	.2	.0	.5	.1	2.2	17.3		
W	.0	.2	.1	1.5	.0	.1	.0	.1	.0	.3	.0	.3	.0	.4	.1	2.6	15.1		
WNW	.0	.0	.0	.6	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.9	12.2		
NW	.0	.0	.0	.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.0	10.8		
NNW	.0	.1	.0	.8	.0	.2	.0	.4	.0	.0	.0	.1	.0	.4	.1	1.9	17.2		
CALM	.3	7.4																	
TOTAL	.4	9.3	2.1	52.2	.6	15.2	.5	12.7	.3	6.7	.1	2.3	.1	1.5	.3	7.4	11.6		

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS 3 / NIGHT

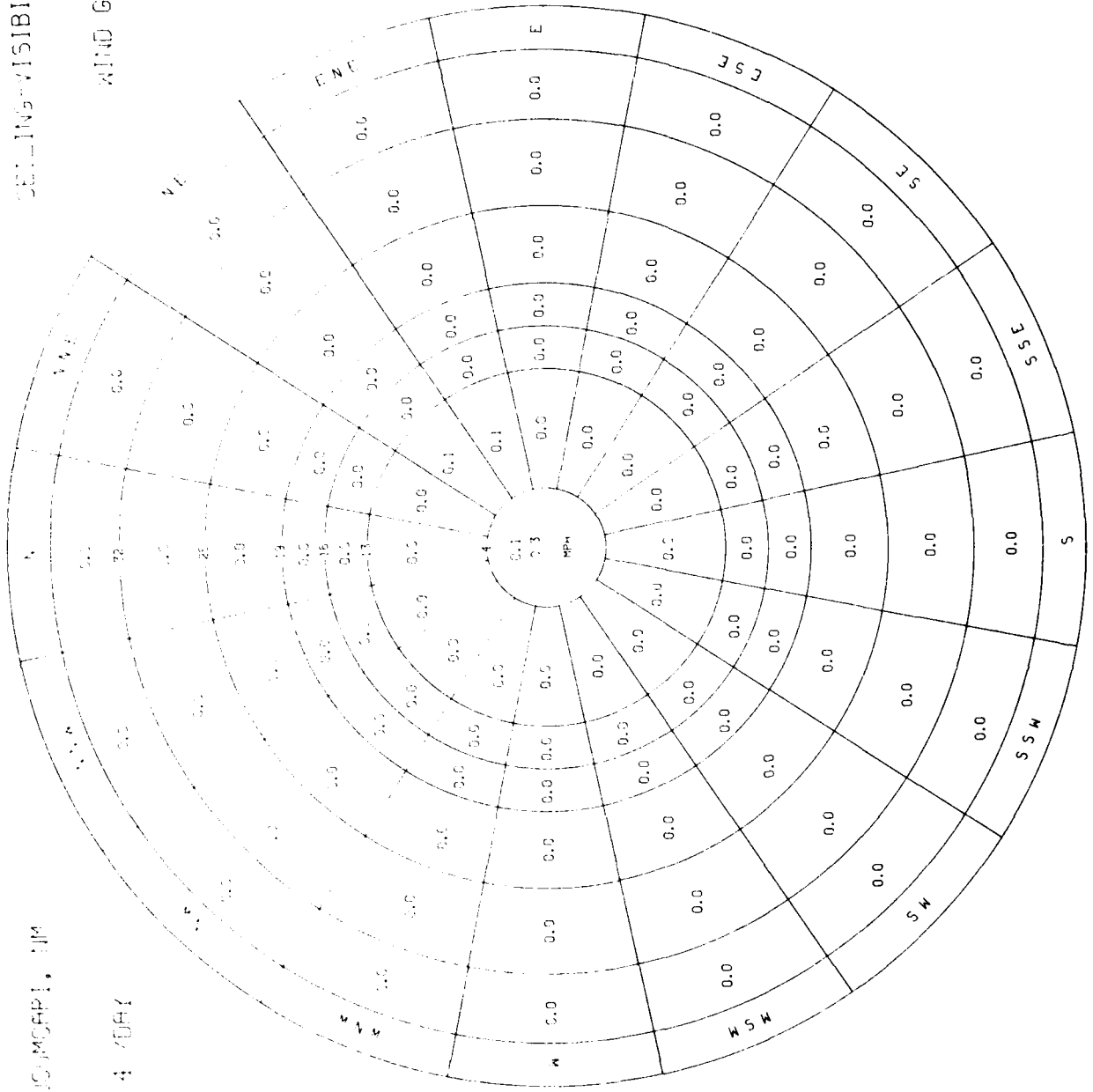
NO. OBS.: 1545

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.1	2.8	.0	.8	.0	.6	.0	.3	.0	.1	.0	.1	.0	.1	.2	4.7	12.2
NNE	.0	.1	.2	4.7	.1	1.4	.1	2.3	.0	1.0	.0	.1	.0	.1	.0	.1	.4	9.6	13.3
NE	.0	.3	.5	11.9	.2	4.3	.2	6.2	.1	3.1	.0	.3	.0	.1	.0	.1	1.0	26.2	13.3
ENE	.0	.1	.3	7.5	.1	2.7	.1	1.8	.0	.5	.0	.0	.0	.0	.0	.1	.5	12.6	11.8
E	.0	.1	.3	7.0	.0	.8	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.3	8.5	10.0
ESE	.0	.2	.1	2.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.3	9.1
SE	.0	.1	.1	1.6	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.3	9.6
SSE	.0	.1	.1	1.9	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.2	4.7	10.1
S	.0	.1	.1	3.4	.0	.6	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.2	4.3	13.0
SSW	.0	.1	.1	2.2	.0	.8	.0	.7	.0	.3	.0	.1	.0	.1	.0	.0	.2	6.0	12.6
SW	.0	.1	.1	3.4	.0	.8	.0	1.2	.0	.3	.0	.1	.0	.1	.0	.1	.1	1.3	8.8
WSW	.0	.0	.0	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	8.8
W	.0	.0	.1	1.5	.0	.1	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.1	2.1	11.1
WNW	.0	.0	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.8
NW	.0	.1	.0	.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	9.3
NNW	.0	.1	.1	1.6	.0	.3	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.1	2.4	11.3
CALM	.3	8.5															.3	8.5	
TOTAL	.4	10.0	2.1	54.1	.5	13.7	.6	14.6	.2	6.0	.0	1.2	.0	.5	.0	.5	3.9	100	11.0

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUCUMCARI, NM

CLASS 4 / DAY

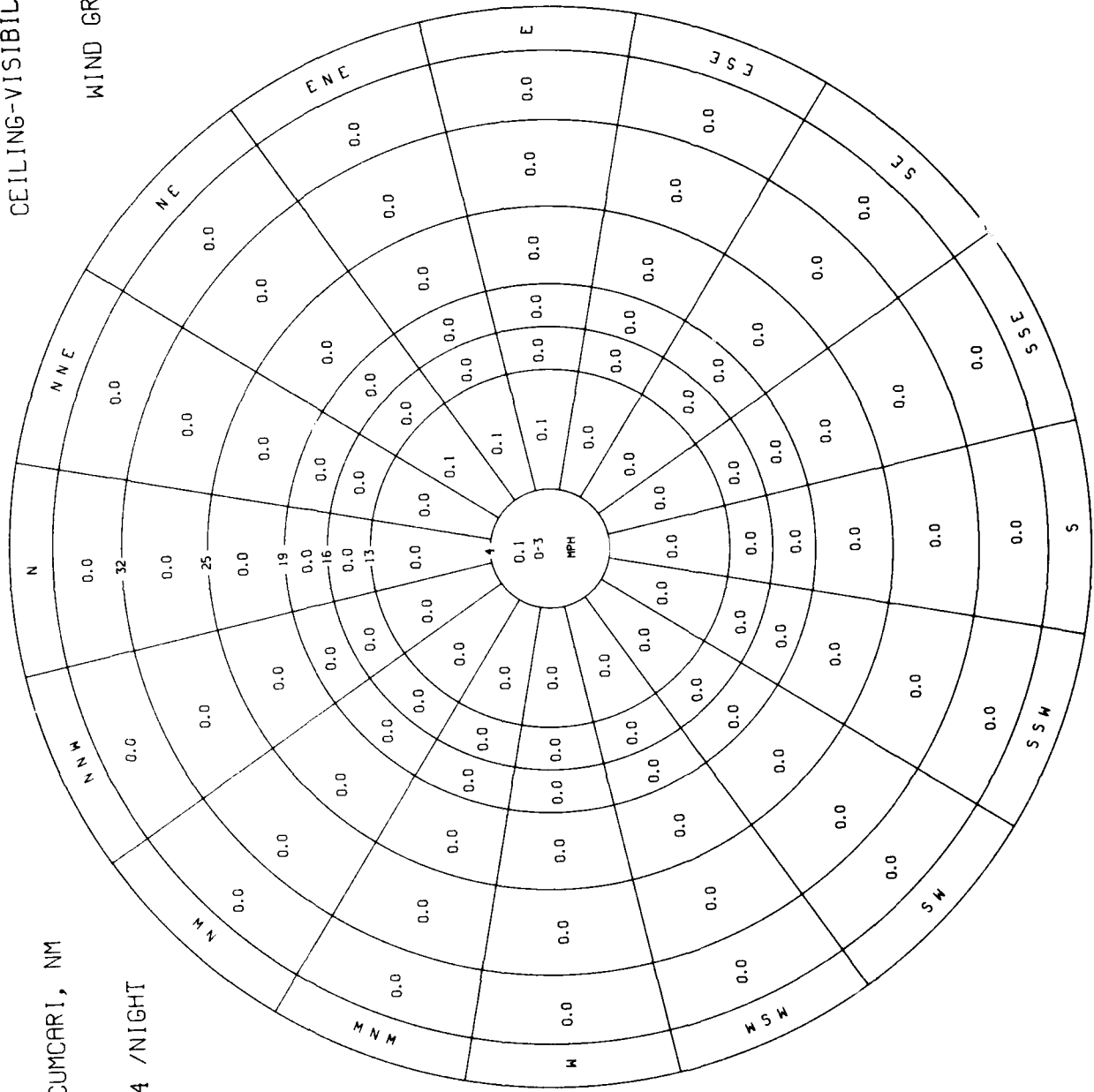
NO. OBS.: 289

STATION NUMBER: 2354B

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED						
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D		
N	.0	.0	.0	3.5	.0	.7	.0	.0	.0	1.0	.0	.0	.0	.0	.0	1.0	.0	6.2	15.9
NNE	.0	.0	.0	4.2	.0	2.1	.0	4.2	.0	1.4	.0	.3	.0	.3	.0	.0	.1	12.1	14.6
NE	.0	.3	.1	14.2	.0	6.6	.0	6.6	.0	2.4	.0	.0	.0	.3	.0	.0	.2	30.4	12.9
ENE	.0	.3	.1	8.7	.0	5.5	.0	3.8	.0	1.0	.0	.3	.0	.0	.0	.0	.1	19.7	12.7
E	.0	.0	.0	6.2	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	9.7
ESE	.0	.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.1
SE	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.4
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0
S	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	2.8	11.9
SSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0
SW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3	.0	1.0	25.7
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.7	29.5
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	.0	1.7	19.4
WNW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
NW	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	1.4	12.0
NNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	2.8	21.0
CALM	.0	8.3															.0	8.3	
TOTAL	.1	10.4	.3	46.7	.1	15.2	.1	15.6	.0	6.6	.0	2.8	.0	2.8	.0	2.8	.6	100	12.2

CEILING-VISIBILITY

WIND GRAPH



TCC TUCUMCARI, NM

CLASS 4 /NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS 4 / NIGHT

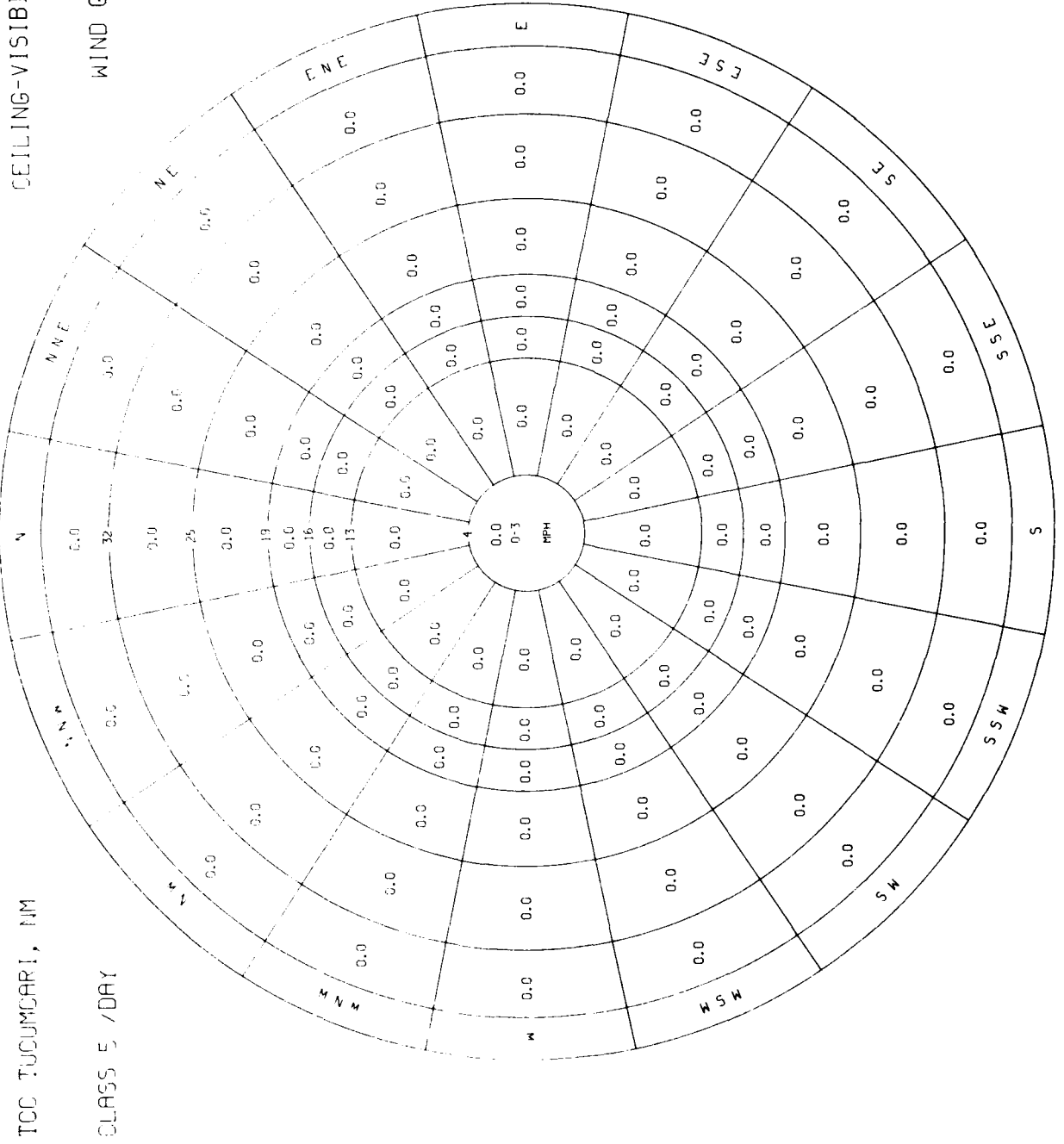
NO. OBS.: 272

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.4	.0	3.7	.0	.7	.0	1.8	.0	.4	.0	.7	.0	.0	.1	7.7	13.7		
NNE	.0	.4	.0	5.1	.0	2.6	.0	2.2	.0	1.8	.0	.4	.0	.0	.1	12.5	13.3		
NE	.0	.0	.1	13.2	.0	5.1	.0	6.3	.0	6.6	.0	.7	.0	.0	.2	32.0	14.3		
ENE	.0	.0	.1	10.3	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.1	12.1	10.1		
E	.0	.0	.1	7.7	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.1	10.3	9.8		
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.3		
SE	.0	.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.2		
SSE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0		
S	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.5		
SSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.4		
SW	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	11.3		
WSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.5	5.3		
W	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.7		
WNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	11.2		
NW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.8	14.6		
NNW	.0	.0	.0	.4	.0	.0	.0	.4	.0	.4	.0	.0	.0	.0	.1	9.9	10.8		
CALM	.1	9.9																	
TOTAL	.1	12.5	.4	51.5	.1	11.4	.1	12.5	.1	10.3	.0	1.8	.0	.0	.7	100	10.8		

CEILING-VISIBILITY

WIND GRAPH



TCC TUCUMCARI, NM

CLASS 5 / DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

CLASS 5 / DAY

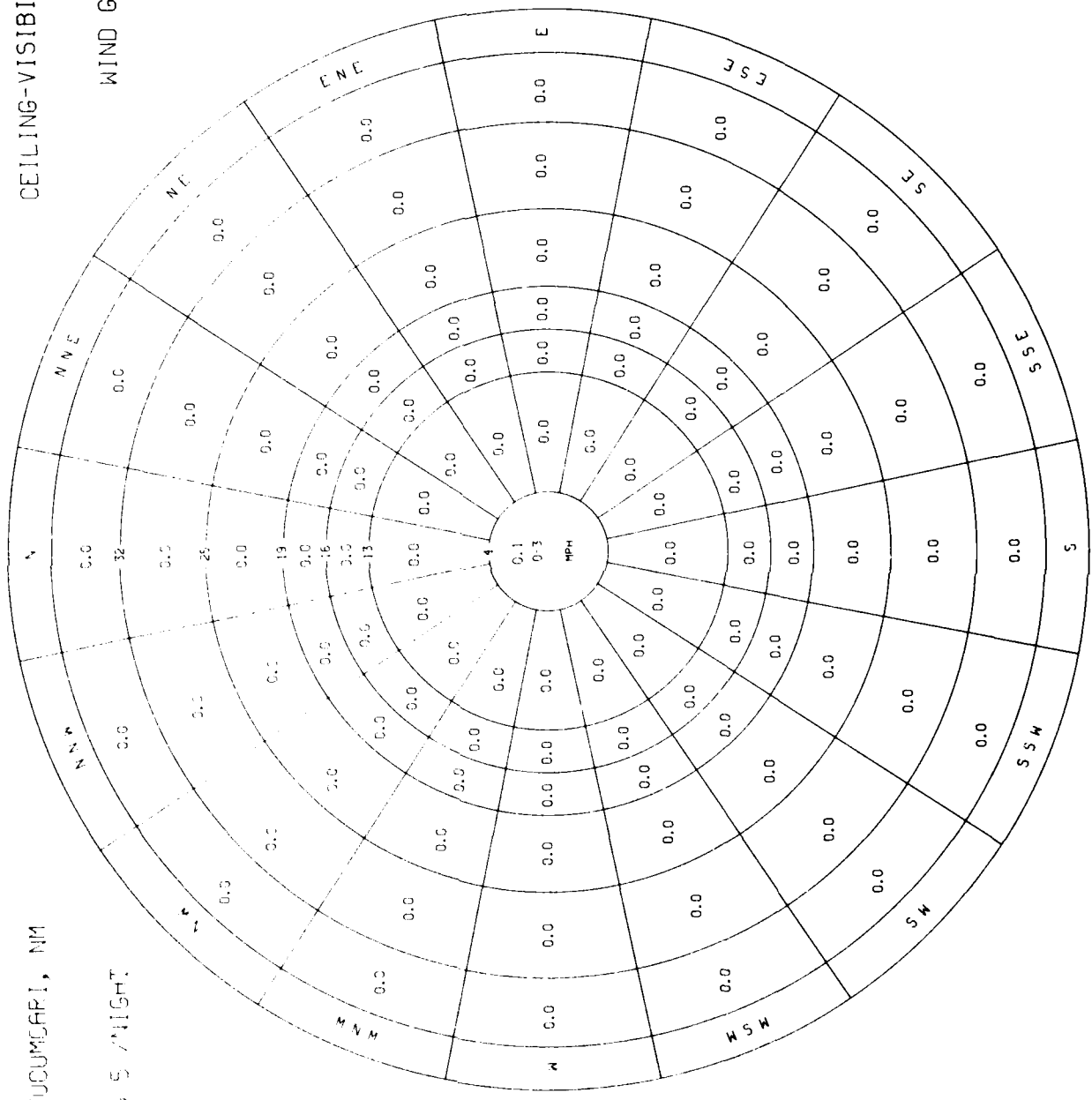
NO. OBS.: 67

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	4.5	.0	3.0	.0	1.5	.0	4.5	.0	.0	.0	.0	.0	13.4	.0	14.9	
NNE	.0	.0	.0	.0	.0	.0	.0	4.5	.0	1.5	.0	.0	.0	1.5	.0	7.5	.0	21.2	
NE	.0	.0	.0	11.9	.0	6.0	.0	7.5	.0	4.5	.0	1.5	.0	.0	.0	31.3	.0	14.4	
ENE	.0	.0	.0	6.0	.0	4.5	.0	.0	.0	1.5	.0	1.5	.0	.0	.0	13.4	.0	13.6	
E	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	10.0	
ESE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	9.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	25.5	
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	8.0	
WSW	.0	.0	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	1.5	.0	6.0	.0	20.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	.0	9.0	
NNW	.0	.0	.0	.0	.0	.0	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	10.4	.0	26.0	
CALM	.0	10.4	.0	35.8	.0	14.9	.0	14.9	.0	13.4	.0	4.5	.0	6.0	.0	100	.0	13.9	
TOTAL	.0	10.4	.0	35.8	.0	14.9	.0	14.9	.0	13.4	.0	4.5	.0	6.0	.0	100	.0	13.9	

CEILING-VISIBILITY

WIND GRAPH



100 TUCUMCARI, NM

CLASS 5 NIGHT

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TULLAHOMA, NM

CLASS E / NIGHT

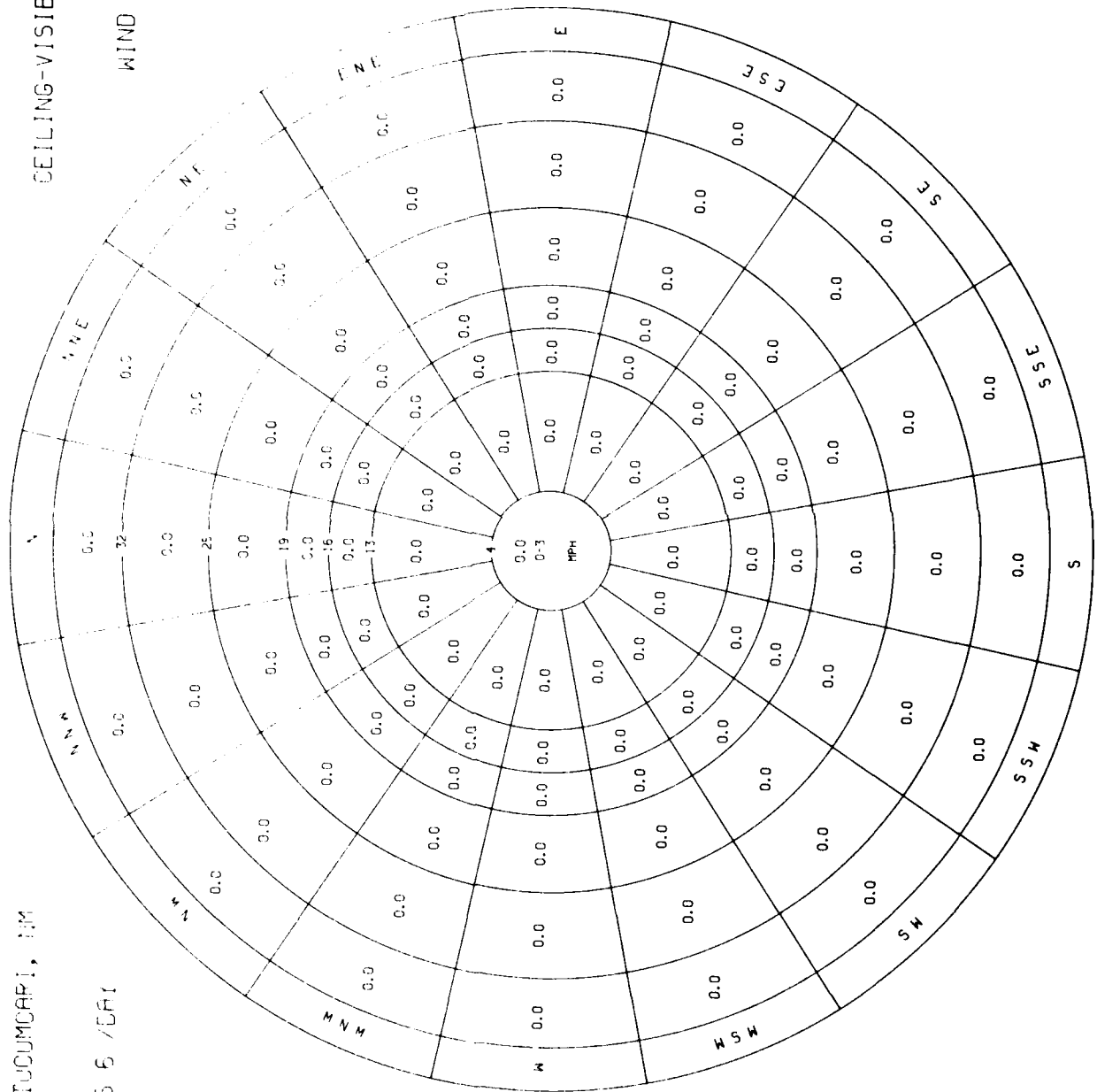
NO. OBS.: 98

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.0	.0	5.1	.0	.0	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	8.2	12.3
NNE	.0	.0	.0	3.1	.0	1.0	.0	5.1	.0	2.0	.0	.0	.0	.0	.0	.0	11.2	15.2
NE	.0	1.0	.0	13.3	.0	1.0	.0	6.1	.0	2.0	.0	1.0	.0	.0	.1	24.5	13.2	13.2
ENE	.0	.0	.0	2.2	.0	2.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	12.2	11.7
E	.0	1.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	6.6
ESE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
S	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.0
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.0
NNW	.0	.0	.0	.0	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	2.0	20.0
CALM	.0	19.4																
TOTAL	.1	22.4	.1	50.0	.0	4.1	.0	13.3	.0	9.2	.0	1.0	.0	.0	.0	.3	100	9.3

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TCC TUCUMCARI, NM

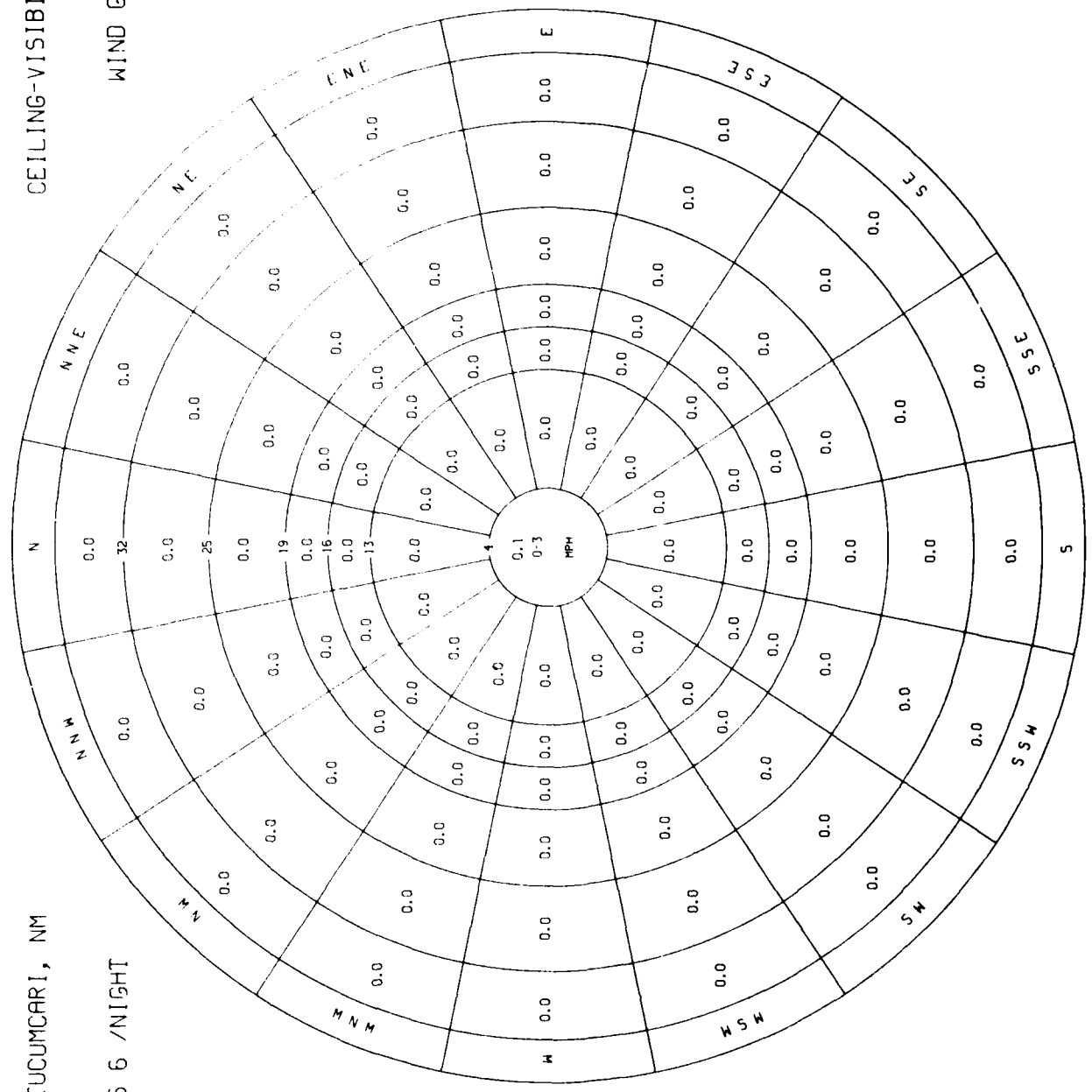
CLASS 6 / DAY

NO. OBS.: 58

STATION NUMBER: 23048

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12			13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	E	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	3.4	.0	1.7	.0	6.9	.0	1.7	.0	1.7	.0	1.7	.0	.0	.0	15.5	16.4
NNE	.0	.0	.0	.0	.0	1.7	.0	1.7	.0	1.7	.0	6.9	.0	.0	.0	.0	.0	12.1	23.6
NE	.0	.0	.0	6.9	.0	3.4	.0	3.4	.0	.0	.0	3.4	.0	.0	.0	.0	.0	17.2	15.4
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.5
E	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.5
ESE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.5
SE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	12.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.0
SW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	17.7
WNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
NW	.0	.0	.0	3.4	.0	1.7	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	6.9	14.2
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	30.0
CALM	.0	22.4																	
TOTAL	.0	22.4	.0	34.5	.0	8.6	.0	12.1	.0	5.2	.0	13.8	.0	3.4	.0	1.7	.0	22.4	12.2

TCC TUCUMCARI, NM  
CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TCC TUCUMCARI, NM

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 23048

NO. OBS.: 77

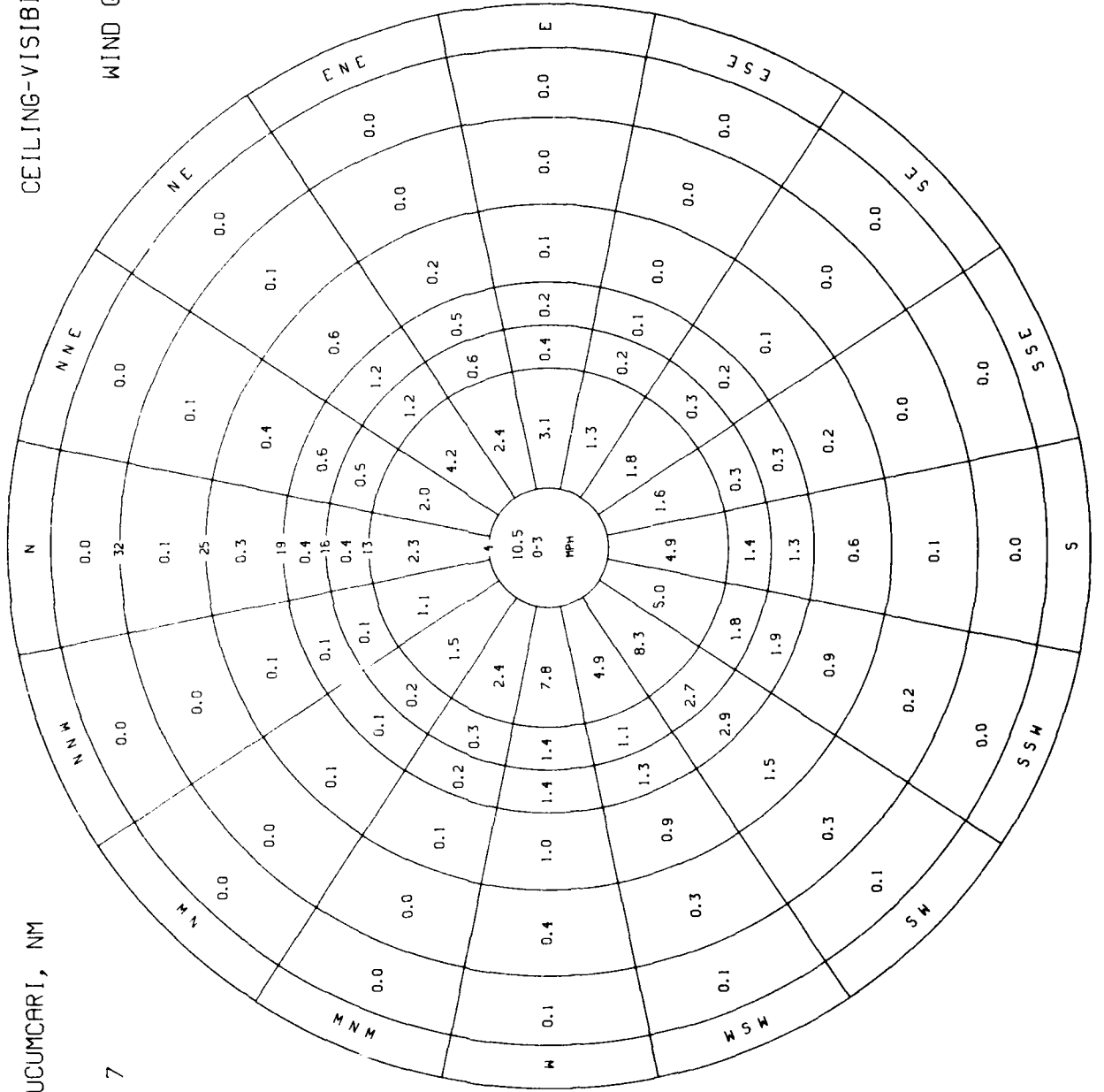
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	3.9	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	11.0
NNE	.0	.0	.0	1.3	.0	.0	.0	1.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	5.2	16.5
NE	.0	.0	.0	14.3	.0	.0	.0	3.9	.0	3.9	.0	.0	.0	.0	.0	.0	.0	22.1	12.8
ENE	.0	.0	.0	3.9	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	11.2
E	.0	1.3	.0	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	6.3
ESE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	10.5
SE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.0
SSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.0
SW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.5
WSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0
W	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	2.6	18.5
WNW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
NW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	33.8																.1	33.8
TOTAL	.1	36.4	.1	45.5	.0	.0	.0	10.4	.0	6.5	.0	1.3	.0	.0	.0	.0	.2	100	7.1

CEILING-VISIBILITY

WIND GRAPH

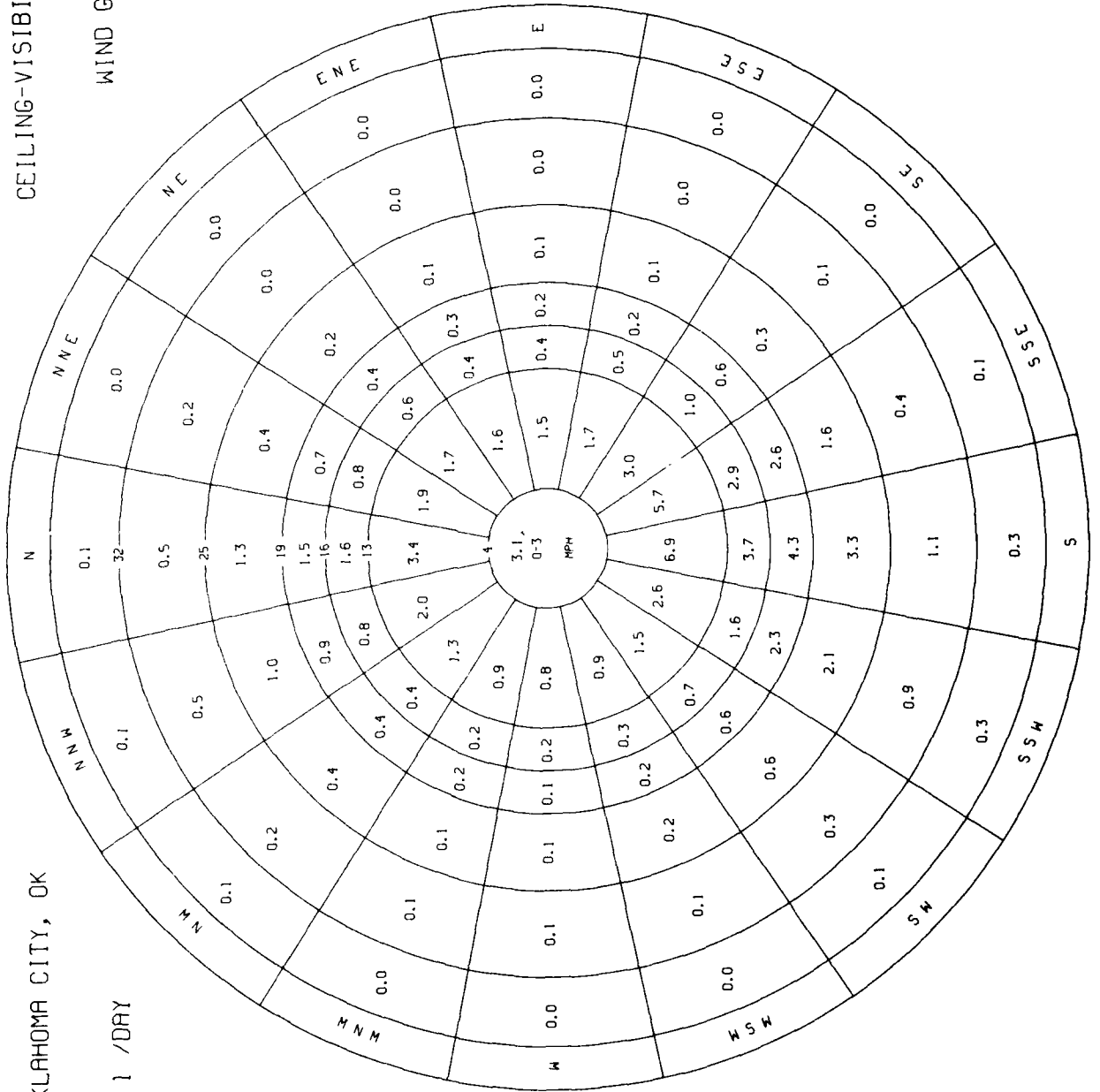
TCC IUCMCARI, NM

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 1 / DAY

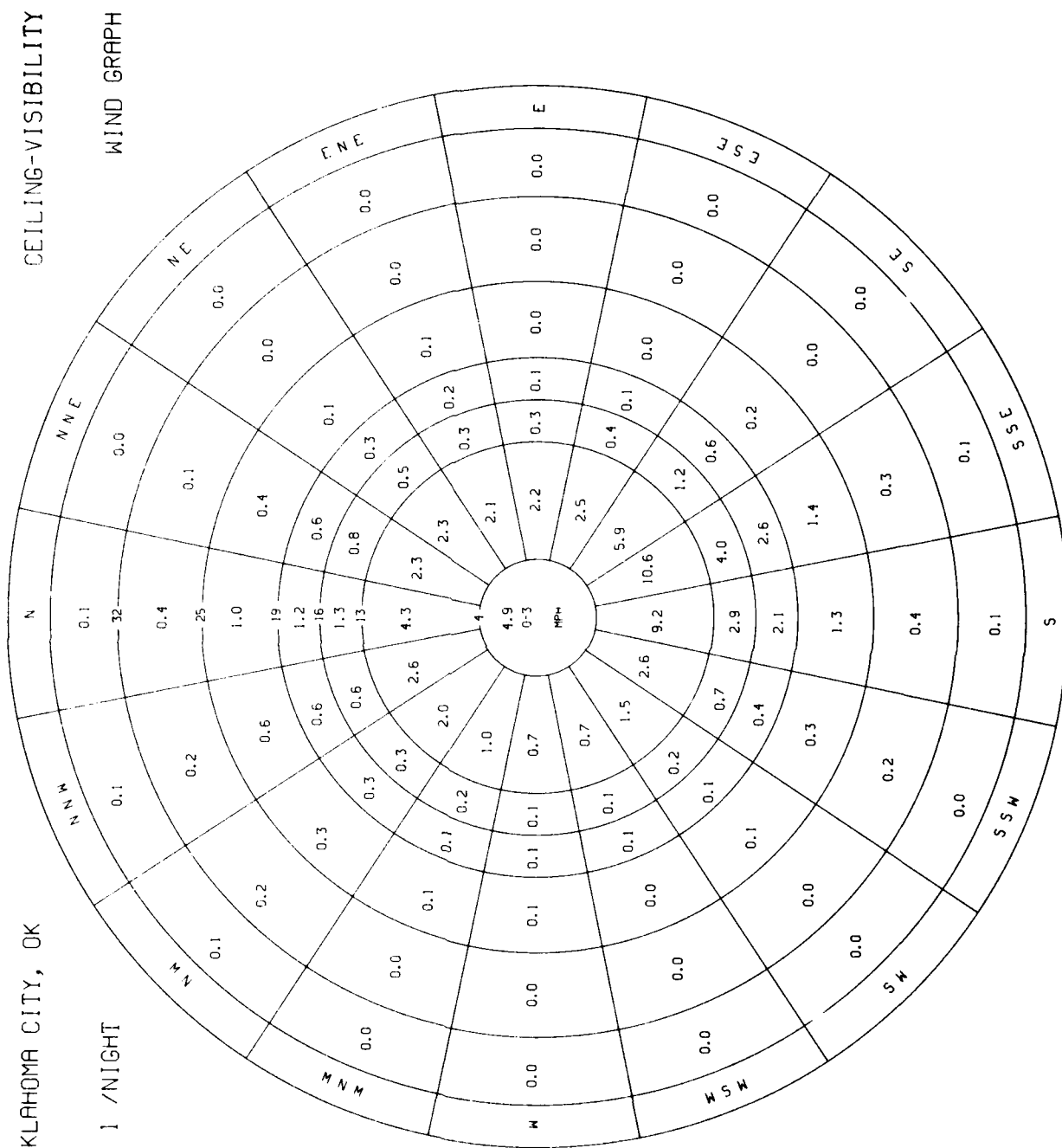
NO. OBS.: 43979

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.2	.2	3.4	3.8	1.6	1.8	1.5	1.7	1.3	1.5	.5	.6	.1	.1	.1	.1	8.7	9.7	14.4	
NNE	.1	.1	1.9	2.1	.8	.9	.7	.8	.4	.5	.2	.2	.0	.0	.0	.0	4.1	4.5	13.3	
NE	.1	.1	1.7	1.9	.6	.7	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	3.1	3.5	11.6	
ENE	.1	.1	1.6	1.8	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.8	10.9	
E	.2	.2	1.5	1.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.5	9.9	
ESE	.1	.1	1.7	1.9	.5	.5	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.9	10.6	
SE	.2	.2	3.0	3.4	1.0	1.1	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	5.2	5.8	11.6	
SSE	.2	.2	5.7	6.3	2.9	3.2	2.6	2.9	1.6	1.8	.4	.5	.1	.1	.1	.1	13.4	15.0	13.9	
S	.2	.3	6.9	7.7	3.7	4.2	4.3	4.8	3.3	3.7	1.1	1.2	.3	.3	.3	.3	19.9	22.2	15.1	
SSW	.1	.2	2.6	3.0	1.6	1.8	2.3	2.5	2.1	2.4	.9	1.1	.3	.3	.3	.3	10.0	11.2	16.7	
SW	.1	.2	1.5	1.7	.7	.8	.6	.7	.6	.6	.3	.3	.1	.1	.1	.1	3.9	4.3	14.4	
WSW	.1	.1	.9	1.0	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	1.7	1.9	12.8	
W	.1	.1	.8	.9	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.3	1.5	10.6	
WNW	.1	.1	.9	1.0	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	1.6	1.8	12.5	
NW	.1	.1	1.3	1.5	.4	.4	.4	.4	.4	.5	.2	.3	.1	.1	.1	.1	2.9	3.2	14.1	
NNW	.1	.1	2.0	2.2	.8	.9	.9	1.0	1.0	1.1	.5	.6	.1	.1	.2	.2	5.4	6.0	15.6	
CALM	1.0	1.1																		
TOTAL	3.1	3.5	37.5	41.8	16.0	17.9	15.4	17.2	12.0	13.3	4.5	5.0	1.2	1.3	1.3	1.3	89.6	100	13.9	

OKC OKLAHOMA CITY, OK

CLASS 1 / NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DFC OKLAHOMA CITY, OK

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 13967

NO. OBS.: 36993

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.3	.3	4.3	4.9	1.3	1.4	1.2	1.4	1.0	1.2	.4	.5	.1	.1	8.7	9.7	13.2		
NNE	.1	.1	2.3	2.5	.8	.8	.6	.7	.4	.4	.1	.1	.0	.0	4.3	4.8	12.5		
NNE	.2	.2	2.3	2.6	.5	.6	.3	.3	.1	.2	.0	.0	.0	.0	3.4	3.8	10.4		
ENE	.1	.1	2.1	2.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.8	3.1	9.6		
E	.1	.2	2.2	2.4	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.1	9.2		
ESE	.1	.1	2.5	2.8	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.6	9.5		
SE	.2	.3	5.9	6.6	1.2	1.4	.6	.6	.2	.3	.0	.1	.0	.0	8.2	9.2	10.3		
SSE	.2	.2	10.6	11.9	4.0	4.5	2.6	2.9	1.4	1.6	.3	.3	.1	.1	19.1	21.4	12.3		
S	.5	.5	9.2	10.3	2.9	3.3	2.1	2.4	1.3	1.4	.4	.5	.1	.1	16.4	18.4	12.1		
SSW	.2	.2	2.6	2.9	.7	.8	.4	.5	.3	.4	.2	.2	.0	.0	4.4	5.0	11.7		
SW	.2	.2	1.5	1.6	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.1	2.3	9.7		
WSW	.1	.1	.7	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.1	1.2	9.6		
W	.1	.1	.7	.8	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.1	1.3	9.7		
WNW	.1	.1	1.0	1.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.6	1.8	10.6		
NW	.2	.2	2.0	2.2	.3	.4	.3	.3	.3	.3	.2	.2	.1	.1	3.2	3.6	11.7		
NNW	.1	.2	2.6	2.9	.6	.7	.6	.6	.6	.6	.2	.3	.1	.1	4.8	5.4	13.0		
CALM	2.1	2.4													2.1	2.4			
TOTAL	4.9	5.5	52.3	58.7	13.9	15.6	9.4	10.6	6.1	6.8	2.0	2.2	.5	.6	89.1	100	11.4		



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: DFC OKLAHOMA CITY, OK

CLASS 2 / DAY

NO. OBS.: 5091

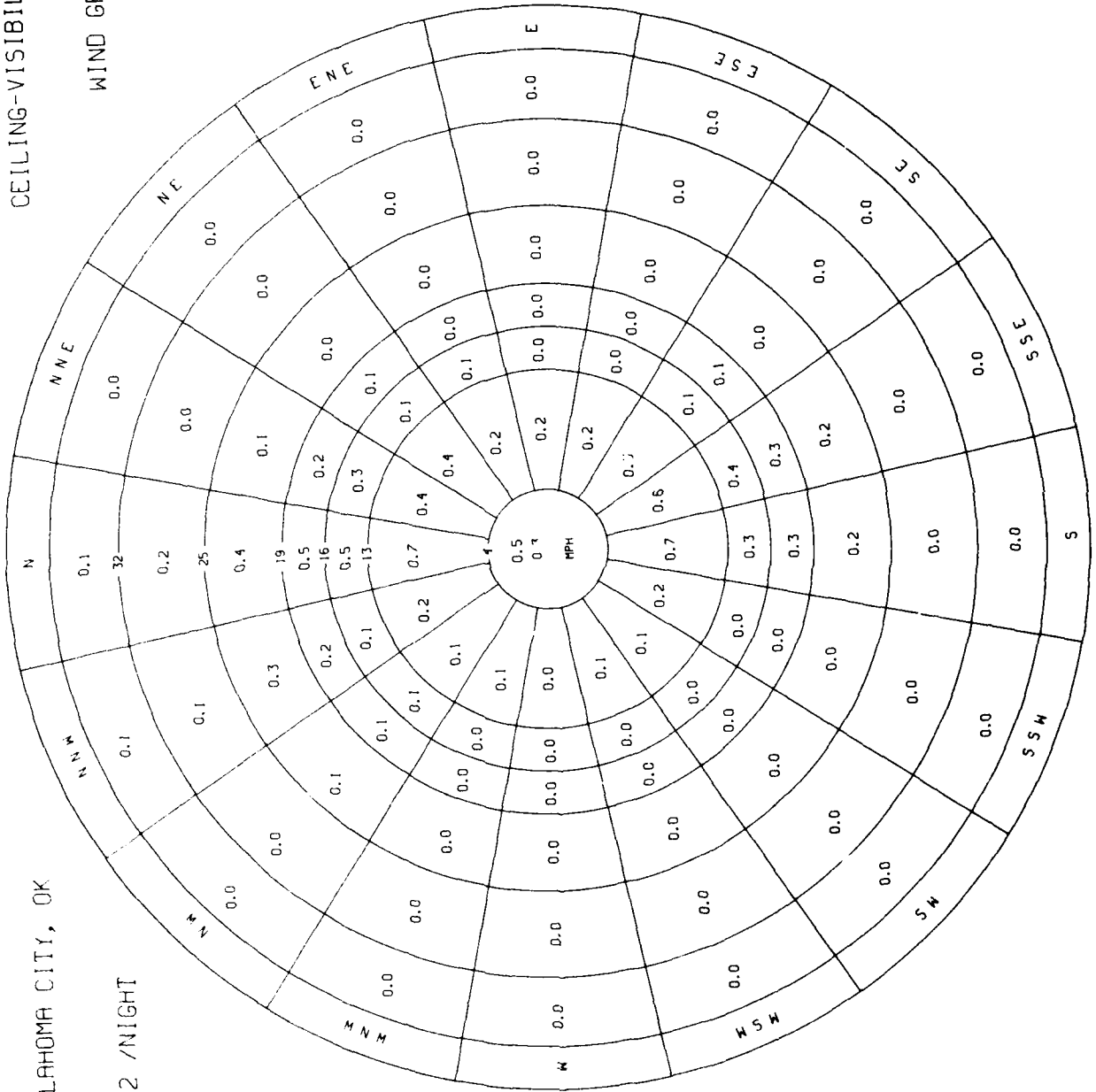
STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.6	6.2	.4	3.7	.5	4.9	.4	3.4	.2	1.9	.0	.5	2.1	20.7	16.2		
NNE	.0	.2	.4	3.5	.2	2.2	.2	1.5	.1	1.0	.0	.2	.0	.1	.9	8.7	13.8		
NE	.0	.1	.3	3.1	.1	1.2	.1	.6	.0	.3	.0	.0	.0	.0	.6	5.4	11.7		
ENE	.0	.1	.3	2.6	.1	.6	.0	.4	.0	.2	.0	.0	.0	.0	.4	3.9	10.9		
E	.0	.2	.2	1.9	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.8	10.0		
ESE	.0	.3	.2	2.0	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.4	3.5	11.1		
SE	.0	.2	.3	3.4	.2	1.5	.1	1.1	.1	1.5	.0	.2	.0	.0	.7	6.9	12.5		
SSE	.0	.1	.5	5.0	.4	3.5	.3	2.7	.1	1.4	.1	.6	.0	.2	1.4	13.5	14.3		
S	.0	.2	.4	4.2	.3	2.7	.3	2.8	.2	1.9	.0	.5	.0	.0	1.3	12.4	14.5		
SSW	.0	.1	.2	1.5	.1	.6	.1	.9	.1	.7	.0	.1	.0	.0	.4	3.9	14.1		
SW	.0	.1	.1	.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.5	11.2		
WSW	.0	.0	.1	.5	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.8	13.0		
W	.0	.0	.1	.7	.0	.0	.0	.2	.0	.1	.0	.1	.0	.0	.1	1.1	11.4		
WNW	.0	.1	.0	.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.1	14.8		
NW	.0	.1	.1	1.0	.1	.5	.0	.3	.1	.6	.1	.5	.0	.2	.3	3.2	17.1		
NNW	.0	.1	.2	2.2	.2	1.7	.2	2.0	.2	1.9	.1	1.1	.0	.4	1.0	9.6	17.6		
CALM	.1	1.1													.1	1.1			
TOTAL	.3	3.1	4.1	39.1	2.1	19.9	1.9	18.2	1.3	12.6	.6	5.4	.2	1.7	10.4	100	14.2		

CEILING-VISIBILITY  
WIND GRAPH

OKC OKLAHOMA CITY, OK

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OKC OKLAHOMA CITY, OK

PERIOD: 1948-1978

CLASS 2 / NIGHT

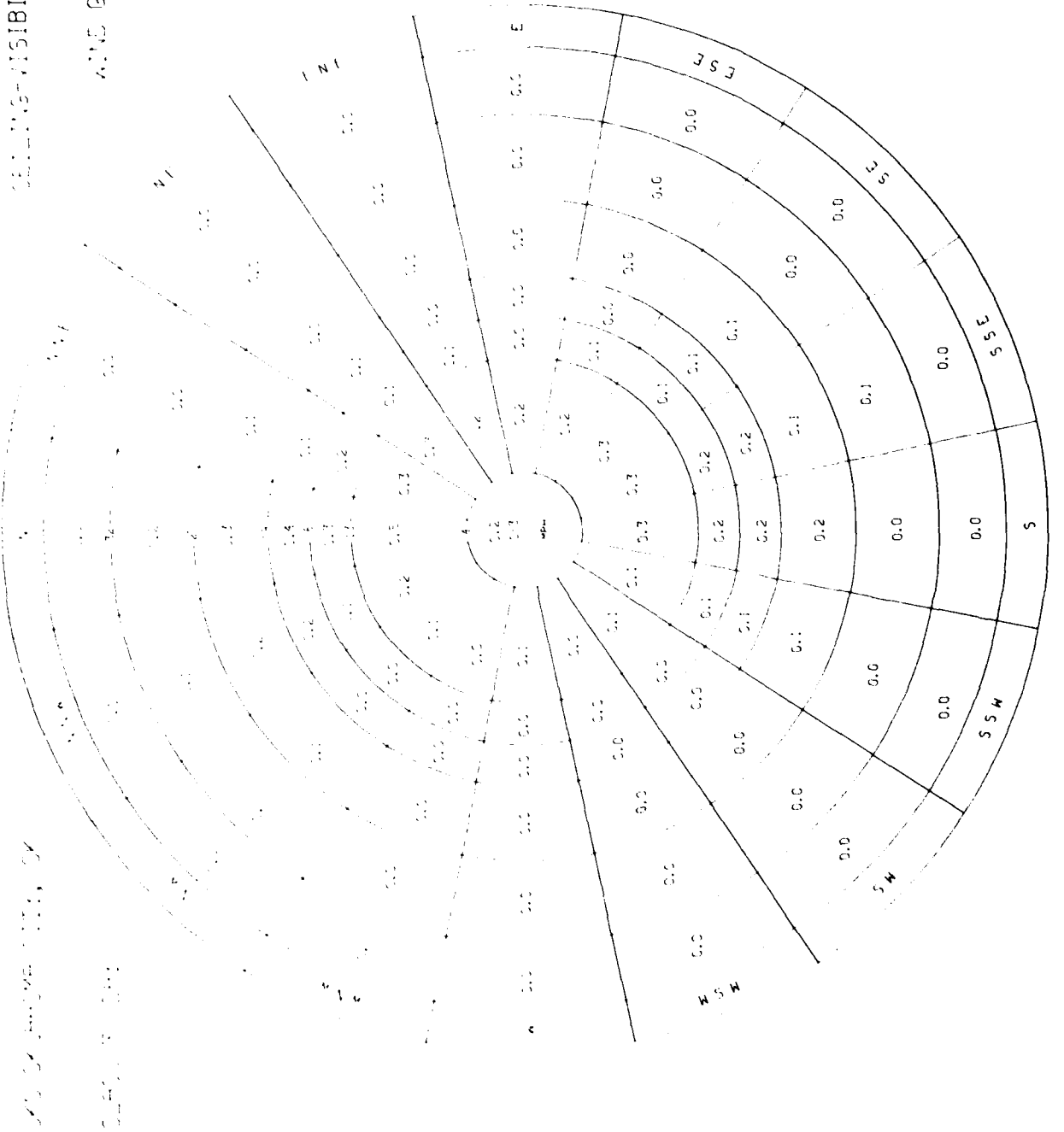
STATION NUMBER: 13967

NO. OBS.: 4515

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.7	6.5	.5	4.4	.5	5.0	.4	3.5	.2	1.8	.1	.6	.2	2.0	2.4	22.0	16.0
NNE	.0	.2	.4	3.5	.3	2.3	.2	1.6	.1	.8	.0	.4	.0	.1	.1	0.8	1.0	8.8	13.7
NE	.0	.2	.4	3.4	.1	.7	.1	.7	.0	.3	.0	.0	.0	.0	.6	5.3	.6	5.3	11.1
ENE	.0	.2	.2	1.9	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.9	.3	2.9	10.3
E	.0	.1	.2	2.1	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	2.8	.3	2.8	9.3
ESE	.0	.2	.2	1.9	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	2.7	.3	2.7	9.3
SE	.0	.3	.3	2.9	.1	1.3	.1	.6	.0	.3	.0	.1	.0	.0	.6	5.5	.6	5.5	11.5
SSE	.0	.2	.6	5.4	.4	3.4	.3	2.7	.2	1.9	.0	.4	.0	.2	1.5	14.1	1.5	14.1	14.0
S	.0	.4	.7	6.0	.3	2.7	.3	2.7	.2	1.4	.0	.4	.0	.0	1.5	13.6	1.5	13.6	13.2
SSW	.0	.1	.2	1.6	.0	.4	.0	.4	.0	.3	.0	.1	.0	.1	.3	3.0	.3	3.0	12.5
SW	.0	.0	.1	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.2	.1	1.2	9.9
WSW	.0	.1	.1	.6	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.0	.1	1.0	10.2
W	.0	.1	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	.8	.1	.8	12.6
WNW	.0	.1	.1	.6	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.1	.1	1.1	11.7
NW	.0	.2	.1	1.0	.1	.5	.1	.5	.1	.6	.0	.4	.0	.1	.4	3.3	.4	3.3	16.0
NNW	.0	.0	.2	2.1	.1	1.3	.2	2.0	.3	2.6	.1	1.2	.1	.6	1.1	9.9	1.1	9.9	18.5
CALM	.2	1.9													.2	1.9	.2	1.9	
TOTAL	.5	4.6	4.5	40.9	2.0	18.5	1.8	17.0	1.3	12.3	.5	5.0	.2	1.7	10.9	100	10.9	100	13.7

CEILING-VISIBILITY

AND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 3 / DAY

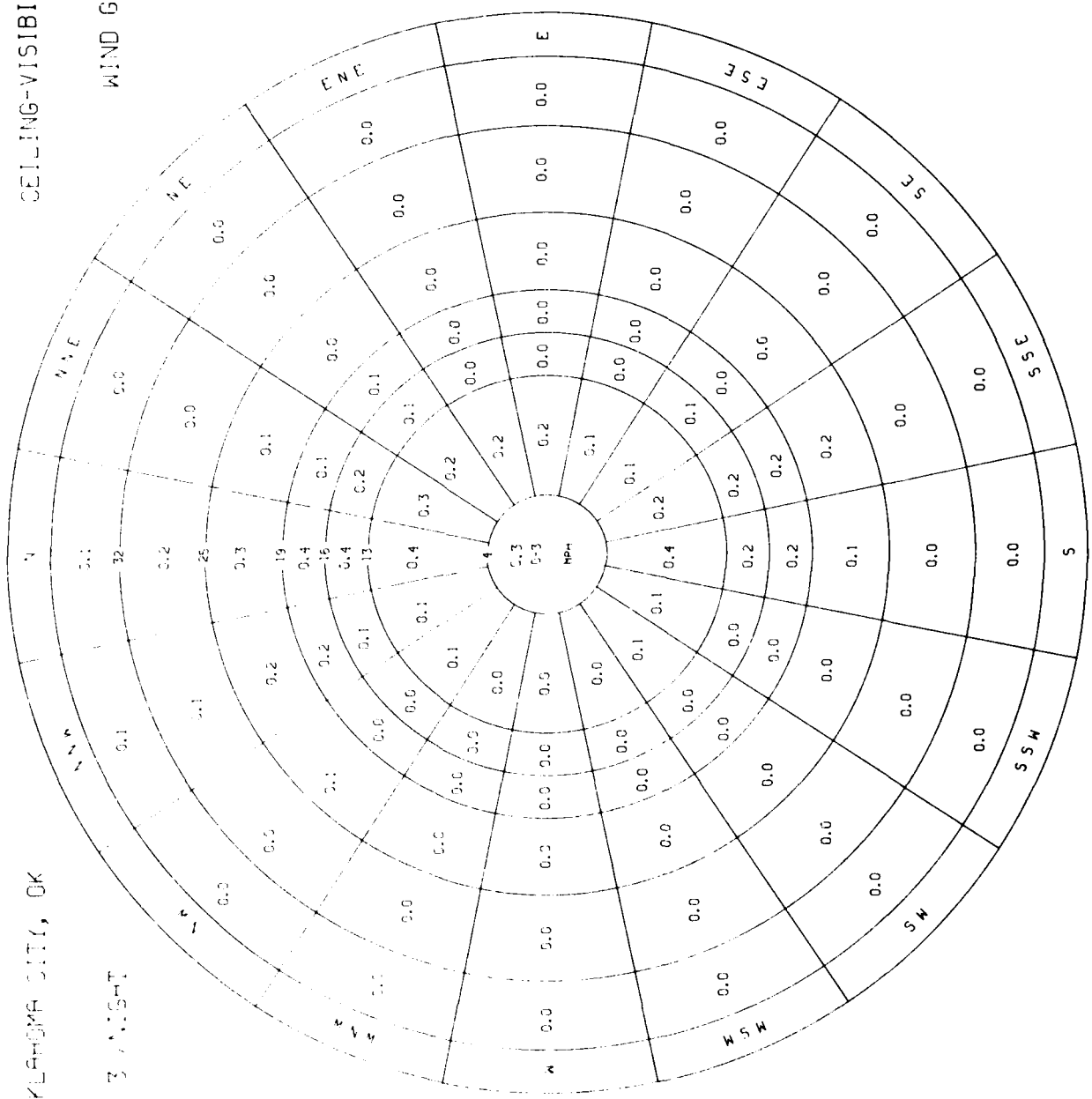
NO. OBS.: 4013

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.1	.5	5.7	.3	3.9	.4	5.5	.3	3.7	.2	1.9	.0	.4	.0	.4	1.7	21.1	16.5
NNE	.0	.1	.3	3.2	.2	2.6	.1	1.7	.1	1.1	.0	.2	.0	.1	.0	.1	.7	9.1	14.5
NNE	.0	.1	.3	3.1	.1	1.4	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.5	5.7	12.0
ENE	.0	.1	.2	2.7	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3	4.1	11.1
E	.0	.2	.2	2.0	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.0	10.1
ESE	.0	.1	.2	1.9	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.3	3.4	11.9
SE	.0	.2	.3	3.1	.1	1.4	.1	1.3	.1	.6	.0	.2	.0	.0	.0	.0	.6	6.8	12.9
SSE	.0	.0	.3	4.1	.2	2.7	.2	2.4	.1	1.6	.1	.6	.0	.2	.0	.2	1.0	11.7	14.8
S	.0	.2	.3	3.7	.2	2.7	.2	2.9	.2	2.0	.0	.6	.0	.0	.0	.0	1.0	12.1	15.0
SSW	.0	.0	.1	1.3	.1	.7	.1	1.0	.1	.8	.0	.1	.0	.0	.0	.0	.3	4.1	14.9
SW	.0	.1	.1	.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	11.2
WSW	.0	.0	.0	.5	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.9	13.9
W	.0	.0	.1	.7	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.1	11.6
WNW	.0	.1	.0	.5	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.3	14.9
NW	.0	.1	.1	1.0	.0	.4	.0	.3	.1	.6	.0	.6	.0	.2	.0	.2	.3	3.4	17.7
NNW	.0	.0	.2	2.1	.1	1.8	.2	2.2	.2	2.1	.1	1.3	.0	.5	.0	.5	.8	10.2	18.2
CALM	.1	.8															.1	.8	
TOTAL	.2	2.4	3.0	36.4	1.6	20.2	1.6	19.6	1.1	13.8	.5	5.8	.2	1.8	.2	1.8	8.2	100	14.7

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OMC OKLAHOMA CITY, OK

CLASS 3 / NIGHT

NO. OBS.: 3113

STATION NUMBER: 13967

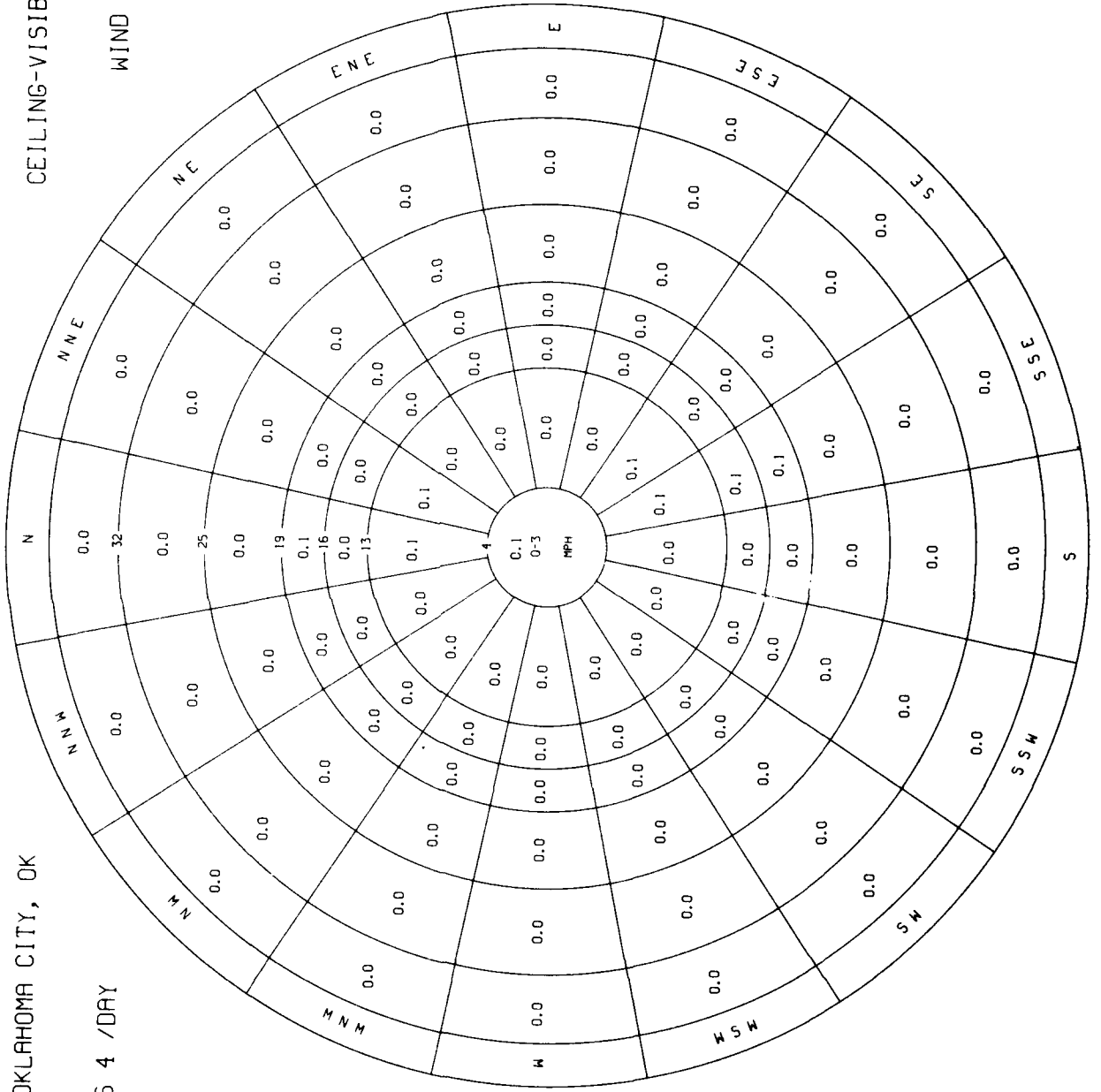
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.4	5.9	.4	4.9	.4	5.9	.3	4.4	.2	2.2	.1	.7	1.8	24.3	16.7		
NNE	.0	.2	.3	3.6	.2	2.8	.1	1.9	.1	1.1	.0	.4	.0	.1	.8	10.1	14.2		
NE	.0	.2	.2	3.1	.1	.8	.1	.9	.0	.4	.0	.0	.0	.0	.4	5.3	11.7		
ENE	.0	.1	.2	2.2	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.2	3.2	10.7		
E	.0	.1	.2	2.1	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2	2.8	9.7		
ESE	.0	.2	.1	1.6	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.2	2.5	9.7		
SE	.0	.2	.1	1.8	.1	1.0	.0	.6	.0	.4	.0	.1	.0	.0	.3	4.1	12.7		
SSE	.0	.1	.2	3.3	.2	3.1	.2	2.8	.2	2.1	.0	.5	.0	.2	.9	12.2	15.4		
S	.0	.2	.4	4.7	.2	2.9	.2	3.0	.1	1.5	.0	.4	.0	.0	1.0	12.7	13.9		
SSW	.0	.1	.1	1.1	.0	.3	.0	.4	.0	.4	.0	.2	.0	.1	.2	2.5	14.2		
SW	.0	.0	.1	.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.1	10.3		
WSW	.0	.1	.0	.5	.0	.1	.0	.1	.0	.2	.0	.0	.0	.0	.1	.9	11.9		
W	.0	.1	.0	.4	.0	.1	.0	.1	.0	.2	.0	.1	.0	.0	.1	.9	13.2		
WNW	.0	.0	.0	.6	.0	.2	.0	.0	.0	.2	.0	.1	.0	.0	.1	1.2	13.0		
NW	.0	.2	.1	.7	.0	.5	.0	.5	.1	.9	.0	.5	.0	.2	.3	3.4	17.5		
NNW	.0	.1	.1	1.8	.1	1.4	.2	2.4	.2	3.3	.1	1.6	.1	.7	.9	11.3	19.4		
CALM	.1	1.4																	
TOTAL	.3	3.5	2.6	34.3	1.4	19.3	1.5	19.4	1.1	15.3	.5	6.2	.2	2.0	7.5	100	14.8		

OKC OKLAHOMA CITY, OK

CLASS 4 / DAY

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 4 / DAY

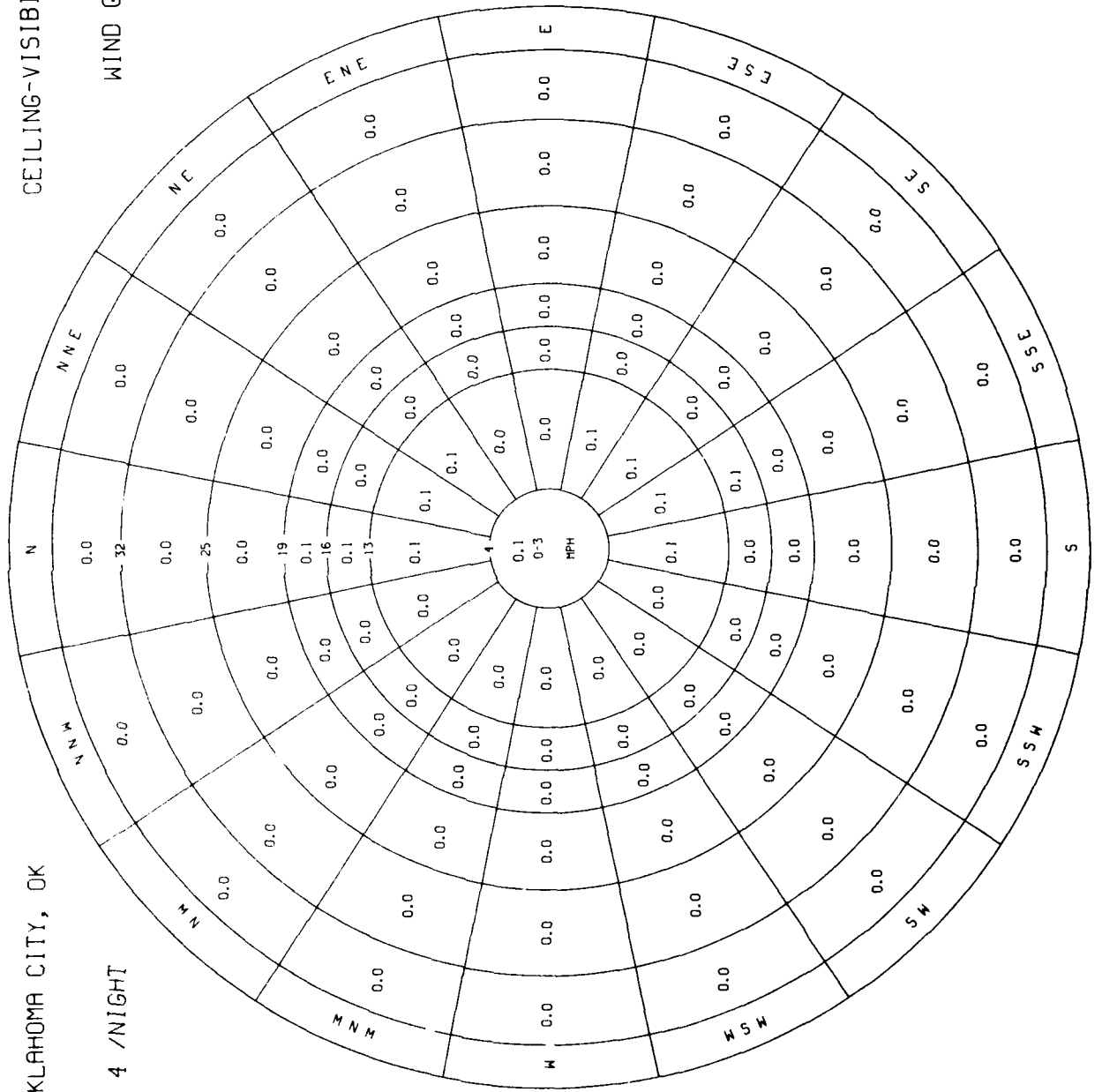
NO. OBS.: 636

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL								
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D							
N	.0	.3	.1	.8	.2	.0	.3	.6	.1	.3	.9	.0	.2	.5	.0	.2	.8	.0	.3	.3	.2	.7	15.5
NNE	.0	.3	.1	.4	.9	.0	.9	.0	.0	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	.7	.7	10.8
NE	.0	.2	.0	.3	.3	.0	.5	.0	.0	.5	.0	.0	.2	.0	.0	.2	.0	.0	.0	.1	.4	.6	10.8
ENE	.0	.0	.0	.2	.4	.0	.3	.0	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	11.0
E	.0	.2	.0	.1	.9	.0	.2	.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	10.5
ESE	.0	.5	.0	.2	.8	.0	.6	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4	.2	9.8
SE	.0	.2	.1	.4	.4	.0	.2	.5	.0	.5	.0	.3	.0	.2	.0	.0	.2	.0	.0	.1	.8	.0	11.7
SSE	.0	.3	.1	.6	.9	.1	.6	.0	.1	.4	.4	.0	1.4	.0	.5	.0	.2	.0	.2	.3	.1	.7	13.7
S	.0	.5	.0	.3	.3	.0	.2	.4	.0	2.0	.0	1.6	.0	.2	.0	.0	.2	.0	.0	.1	.9	.9	13.8
SSW	.0	.0	.0	.1	.9	.0	.6	.0	.0	.3	.0	.5	.0	.2	.0	.0	.2	.0	.0	.0	.3	.3	12.5
SW	.0	.2	.0	.9	.0	.0	.2	.0	.0	.2	.0	.2	.0	.2	.0	.0	.2	.0	.0	.0	.1	.7	12.0
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	9.3
W	.0	.0	.0	.9	.0	.0	.0	.0	.2	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	1.3	.2	12.0
WNW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.2	.5	14.2
NW	.0	.0	.0	.1	.1	.0	.6	.0	.0	.2	.0	.5	.0	.2	.0	.0	.2	.0	.0	.1	.7	.1	15.1
NNW	.0	.2	.0	.2	.4	.0	1.4	.0	.0	1.4	.0	.9	.0	.8	.0	.0	.8	.0	.0	.0	1.3	.0	13.0
CALM	.0	1.3															.1	4.9					
TOTAL	.1	3.9	.6	46.2	.3	19.8	.2	16.2	.1	8.5	.1	4.9	.0	.5	.0	.5	1.3	100					

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 4 / NIGHT

NO. OBS.: 703

STATION NUMBER: 13967

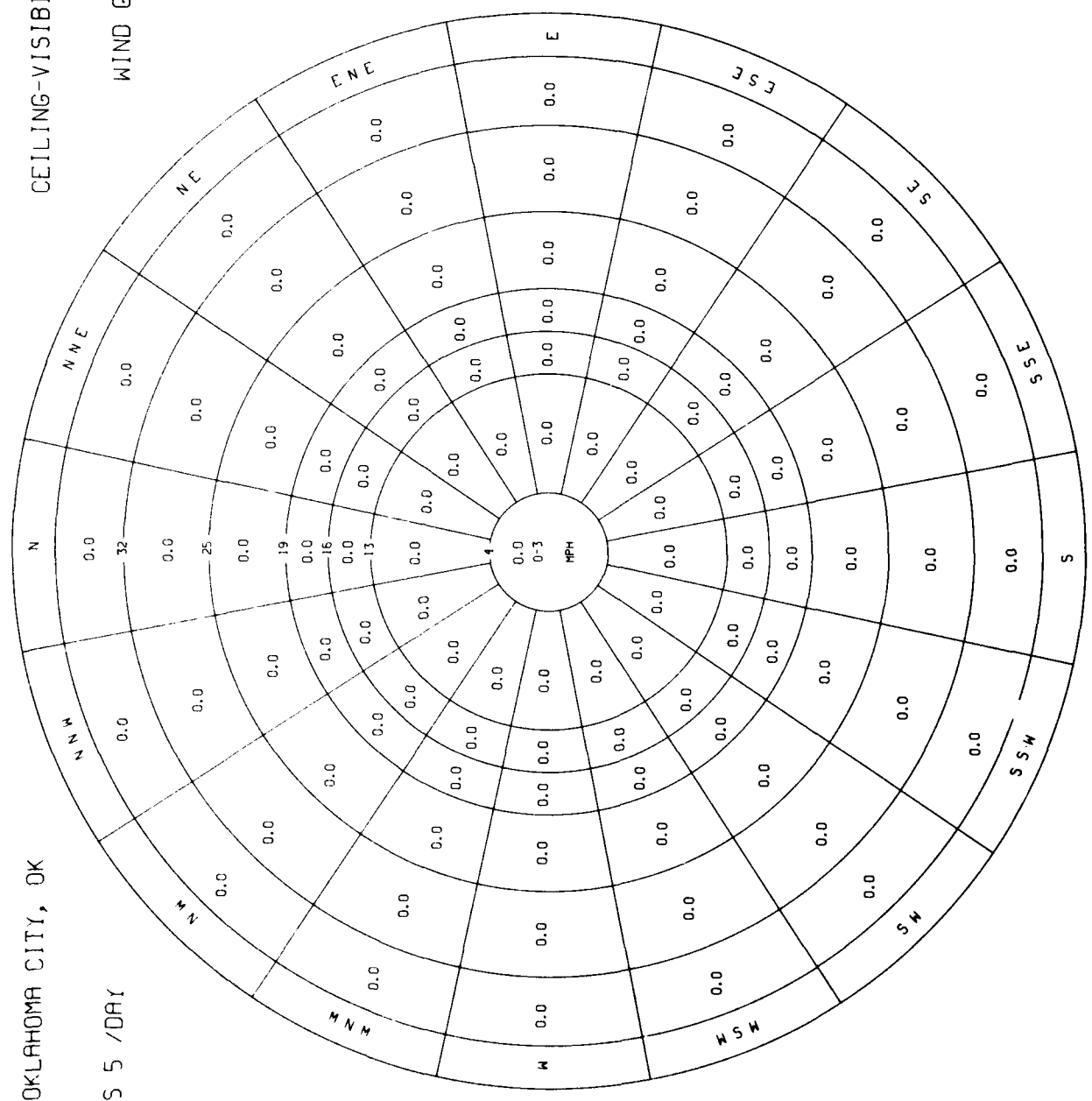
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.1	.1	7.1	.1	3.6	.1	4.7	.0	2.0	.0	1.6	.0	1.0	.3	20.1	15.7		
NNE	.0	.1	.1	4.4	.0	2.4	.0	1.4	.0	.1	.0	.3	.0	.0	.1	8.8	12.3		
NE	.0	.0	.1	5.1	.0	.9	.0	.4	.0	.1	.0	.1	.0	.0	.1	6.7	10.7		
ENE	.0	.1	.0	1.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	10.2		
E	.0	.1	.0	2.0	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.7	9.4		
ESE	.0	.3	.1	3.0	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.1	3.8	9.0		
SE	.0	.3	.1	4.3	.0	2.3	.0	.9	.0	.1	.0	.1	.0	.0	.1	8.0	11.3		
SSE	.0	.0	.1	7.5	.1	3.0	.0	2.3	.0	1.7	.0	.1	.0	.0	.2	14.7	12.7		
S	.0	.4	.1	7.0	.0	2.0	.0	1.6	.0	.7	.0	.6	.0	.0	.2	12.2	11.9		
SSW	.0	.1	.0	1.7	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	11.1		
SW	.0	.1	.0	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.7	9.0		
WSW	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.0		
W	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.3	15.5		
WNW	.0	.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.6		
NW	.0	.1	.0	1.1	.0	.6	.0	.9	.0	.1	.0	.1	.0	.0	.1	3.0	13.1		
NNW	.0	.0	.0	2.4	.0	1.6	.0	1.8	.0	1.7	.0	.4	.0	.1	.1	8.1	16.5		
CALM	.1	3.3												.1	3.3				
TOTAL	.1	5.5	.8	49.5	.3	18.5	.3	14.9	.1	6.8	.1	3.6	.0	1.1	1.7	100	12.4		

OKC OKLAHOMA CITY, OK

CLASS 5 /DAY

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 5 / DAY

NO. OBS.: 245

STATION NUMBER: 13967

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.8	.0	9.4	.0	2.0	.0	.8	.0	2.4	.0	1.2	.0	1.6	.1	18.4	15.6		
NNE	.0	.4	.0	3.3	.0	1.2	.0	.4	.0	.8	.0	.0	.0	.4	.0	6.5	13.6		
NE	.0	.0	.0	3.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.8		
ENE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.0		
E	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.7		
ESE	.0	.4	.0	2.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.5		
SE	.0	.8	.0	2.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.8		
SSE	.0	.4	.0	8.2	.0	8.2	.0	3.3	.0	.4	.0	.4	.0	.4	.1	21.2	13.4		
S	.0	.4	.0	8.2	.0	2.9	.0	3.7	.0	2.9	.0	.0	.0	.0	.1	18.0	12.6		
SSW	.0	.0	.0	2.4	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	3.7	10.8		
SW	.0	.0	.0	.8	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.6	12.2		
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
W	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	1.6	12.5		
WNW	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	18.0		
NW	.0	.0	.0	.4	.0	1.2	.0	.4	.0	.4	.0	.0	.0	.4	.0	2.9	19.3		
NNW	.0	.0	.0	2.4	.0	2.0	.0	1.2	.0	2.9	.0	.0	.0	.4	.0	9.0	16.5		
CALM	.0	2.9																	
TOTAL	.0	6.5	.2	46.9	.1	20.0	.1	10.6	.1	10.6	.0	2.0	.0	3.3	.5	100	13.0		



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OKLAHOMA CITY, OK

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 13967

NO. OBS.: 336

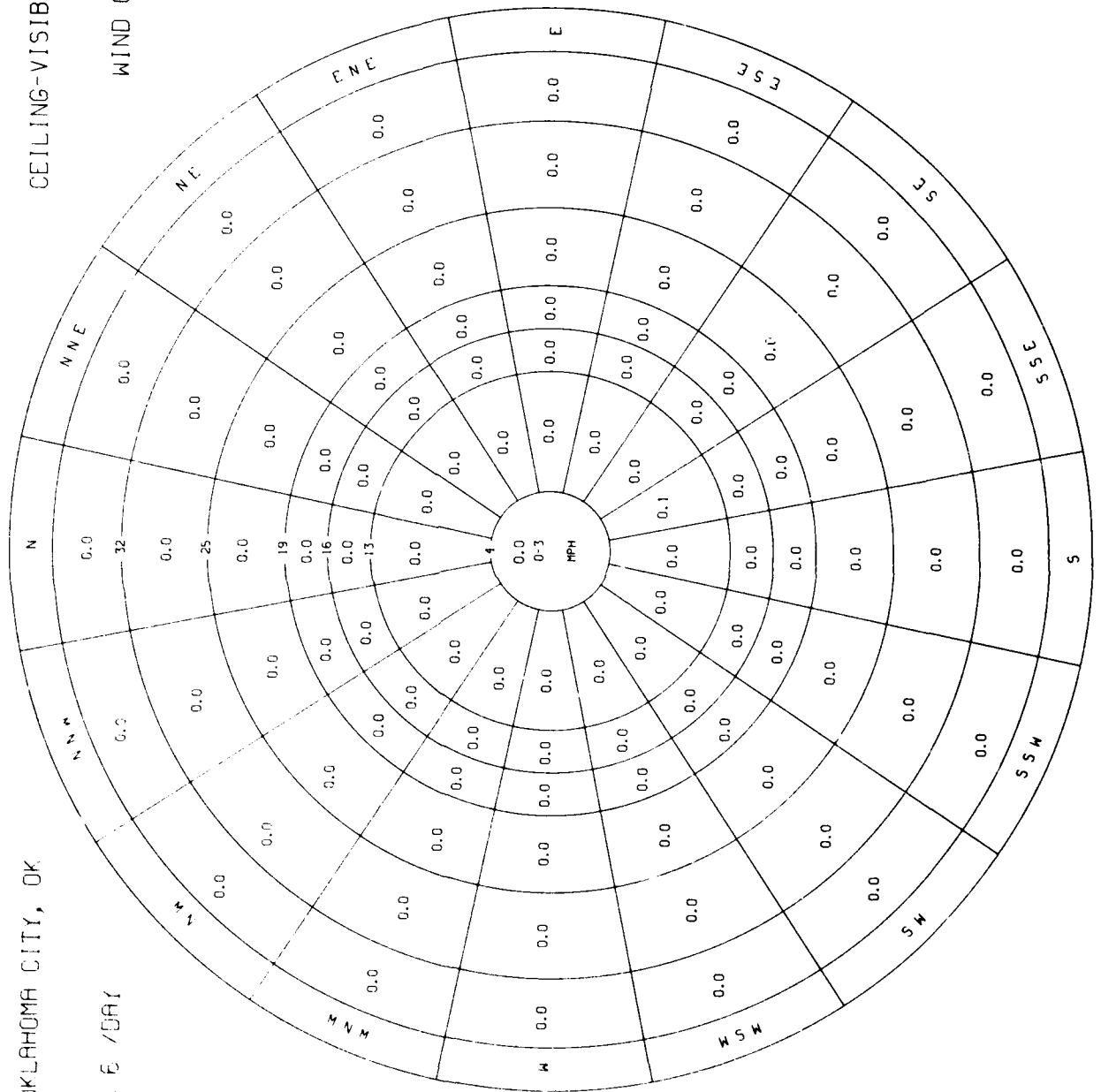
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.1	8.0	.0	4.8	.0	1.2	.0	1.2	.0	.9	.0	.0	.1	16.1	13.0		
NNE	.0	.0	.0	2.4	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.3	.0	3.6	11.8	
NE	.0	.0	.0	2.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.6	
ENE	.0	.3	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.6	
E	.0	.0	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	10.0	
ESE	.0	.3	.0	2.7	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.4	
SE	.0	.6	.1	6.3	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	8.9	9.6	
SSE	.0	1.2	.1	10.1	.0	5.1	.0	2.4	.0	2.1	.0	.0	.0	.0	.3	.2	21.1	12.0	
S	.0	.6	.1	11.3	.0	3.9	.0	2.4	.0	1.5	.0	.3	.0	.0	.0	.2	19.9	11.8	
SSW	.0	.0	.0	2.7	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.6	10.8	
SW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.1	10.7	
WSW	.0	.6	.0	1.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.2	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	11.0	
NW	.0	.0	.0	2.1	.0	.6	.0	.6	.0	.3	.0	.3	.0	.0	.0	.0	3.9	12.4	
NNW	.0	.0	.0	2.4	.0	.6	.0	.6	.0	.9	.0	.3	.0	.0	.6	.0	5.4	16.6	
CALM	.0	2.1														.0	2.1		
TOTAL	.0	5.7	.5	56.8	.2	18.8	.1	9.5	.1	6.3	.0	1.8	.0	1.2	.8	100	11.4		

CEILING-VISIBILITY

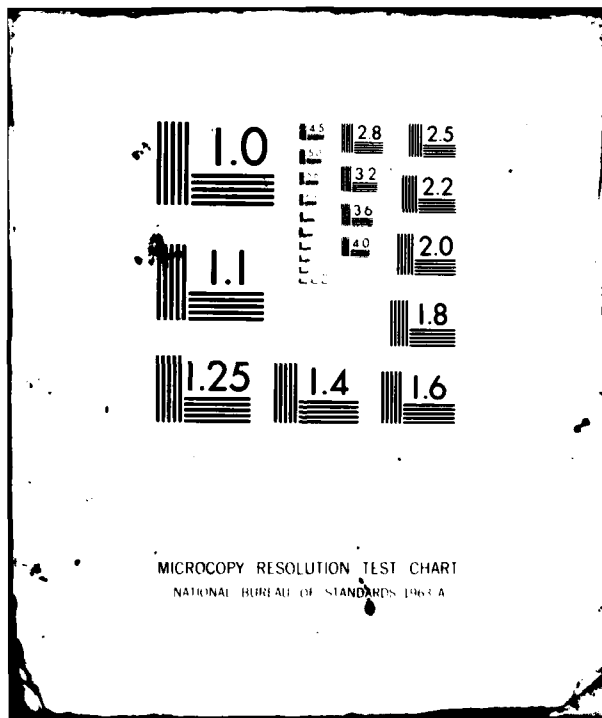
WIND GRAPH

SFO OKLAHOMA CITY, OK

CLASS E /DAY







# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OKC OKLAHOMA CITY, OK

CLASS 6 / DAY

NO. OBS.: 197

STATION NUMBER: 13967

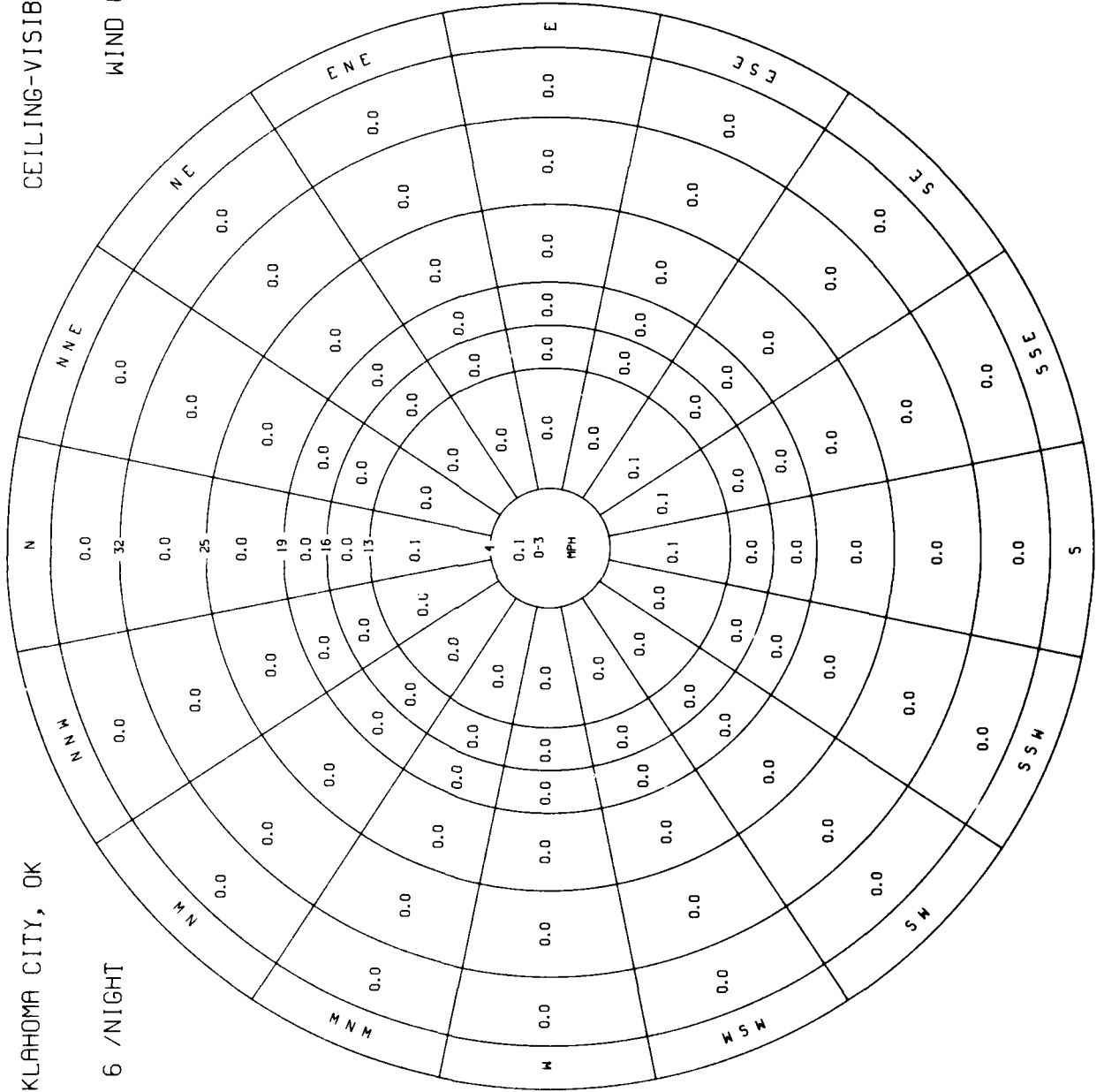
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.0	1.0	.0	6.1	.0	1.5	.0	1.0	.0	1.0	.0	1.0	.0	1.0	.0	1.0	.0	1.0	.1	13.2	13.8	
NNE	.0	1.5	.0	4.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.4
NE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.6
ENE	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	9.1
E	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.5
ESE	.0	2.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.4
SE	.0	.0	.0	7.1	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	10.2
SSE	.0	.5	.1	12.7	.0	4.6	.0	1.5	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	19.8	11.2
S	.0	.0	.0	12.2	.0	3.6	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.8	11.4
SSW	.0	.5	.0	3.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.3
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.3
WSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.5
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	12.0
NW	.0	.5	.0	1.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	9.7
NNW	.0	1.5	.0	3.0	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	9.6
CALM	.0	3.6																			3.6	
TOTAL	.0	12.2	.2	61.4	.1	13.7	.0	6.1	.0	3.6	.0	2.0	.0	1.0	.0	1.0	.0	1.0	.4	100	10.0	

OKC OKLAHOMA CITY, OK

CLASS 6 / NIGHT

CEILING-VISIBILITY

WIND GRAPH

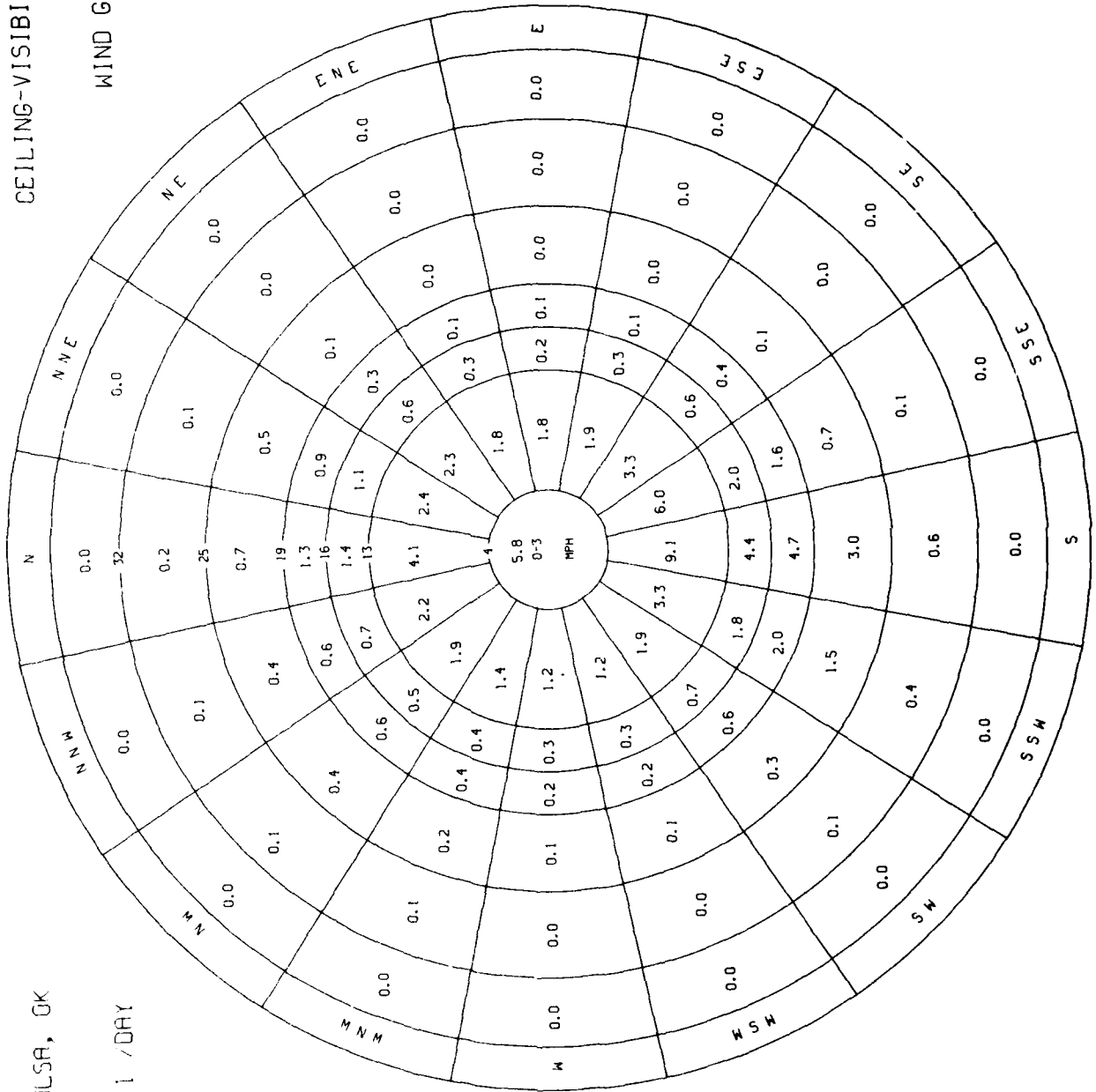






CEILING-VISIBILITY

WIND GRAPH



TUL TULSA, OK

CLASS 1 / DAY

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# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 1 / DAY

NO. OBS.: 42519

STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.3	.3	4.1	4.5	1.4	1.5	1.3	1.4	.7	.8	.2	.2	.0	.0	.0	.0	7.9	8.7	12.3
NNE	.1	.2	2.4	2.6	1.1	1.2	.9	.9	.5	.6	.1	.1	.0	.0	.0	.0	5.1	5.6	12.7
NE	.2	.2	2.3	2.5	.6	.6	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.5	3.8	10.4
ENE	.1	.1	1.8	2.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.6	9.3
E	.1	.1	1.8	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.5	8.6
ESE	.1	.2	1.9	2.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.7	8.9
SE	.3	.3	3.3	3.7	.6	.7	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	4.8	5.2	9.8
SSE	.2	.2	6.0	6.6	2.0	2.2	1.6	1.8	.7	.7	.1	.1	.0	.0	.0	.0	10.6	11.7	11.9
S	.3	.3	9.1	10.0	4.4	4.8	4.7	5.1	3.0	3.3	.6	.7	.0	.0	.0	.0	22.1	24.2	13.9
SSW	.1	.1	3.3	3.6	1.8	2.0	2.0	2.2	1.5	1.7	.4	.4	.0	.0	.0	.0	9.2	10.0	14.6
SW	.1	.1	1.9	2.1	.7	.8	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	3.7	4.0	12.1
WSW	.1	.1	1.2	1.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.1	10.6
W	.1	.1	1.2	1.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.1	10.8
WNW	.1	.1	1.4	1.5	.4	.4	.4	.4	.2	.3	.1	.1	.0	.0	.0	.0	2.5	2.8	11.8
NW	.2	.2	1.9	2.1	.5	.6	.6	.6	.4	.4	.1	.1	.0	.0	.0	.0	3.6	4.0	12.1
NNW	.1	.2	2.2	2.4	.7	.8	.6	.7	.4	.4	.1	.1	.0	.0	.0	.0	4.2	4.6	12.0
CALM	3.2	3.6															3.2	3.6	
TOTAL	5.8	6.4	45.9	50.3	15.5	17.0	14.0	15.3	8.2	9.0	1.7	1.9	.1	.1	.1	.1	91.3	100	11.9



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

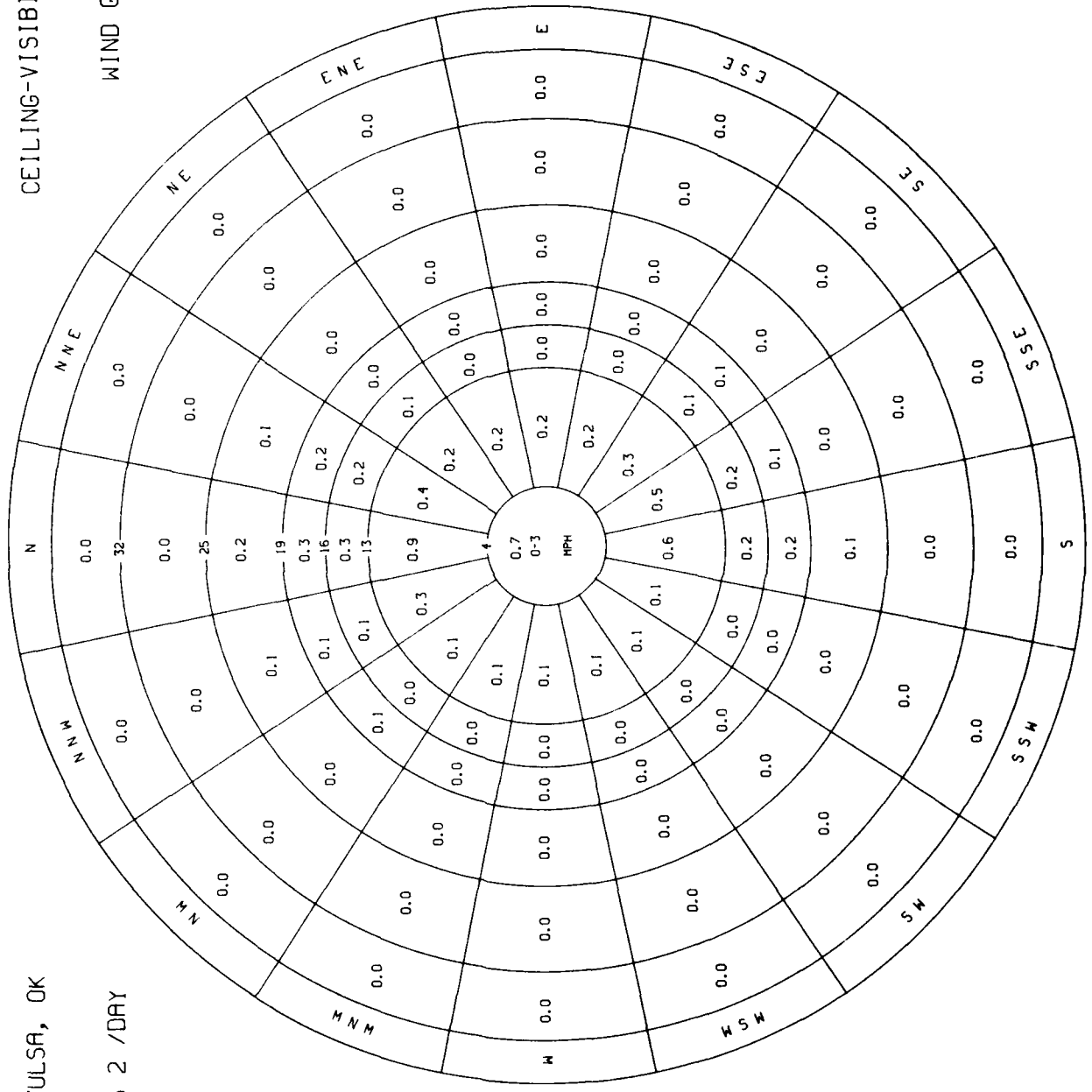
CLASS 1 / NIGHT

STATION NUMBER: 13968

NO. OBS.: 37323

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.5	5.7	6.3	1.2	1.3	1.0	1.1	.6	.6	.1	.1	.0	.0	.0	.0	9.1	10.0	10.7
NNE	.2	.2	2.4	2.6	.7	.8	.5	.6	.3	.4	.1	.1	.0	.0	.0	.0	4.2	4.7	11.7
NENE	.2	.2	1.9	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.7	8.7
E	.2	.2	1.4	1.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.8	7.6
ESE	.2	.2	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.1	7.2
SE	.4	.4	4.0	4.4	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.6	8.5
SSE	.3	.3	9.4	10.3	1.8	1.9	1.0	1.1	.2	.3	.0	.0	.0	.0	.0	.0	12.7	14.0	10.1
S	.4	.4	16.1	17.7	3.4	3.8	2.0	2.2	.9	1.0	.2	.2	.0	.0	.0	.0	23.0	25.3	10.6
SSW	.2	.3	2.6	2.9	.7	.8	.5	.6	.4	.5	.1	.1	.0	.0	.0	.0	4.6	5.1	11.8
SW	.2	.2	1.3	1.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.0	8.7
WSW	.2	.3	1.1	1.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	7.8
W	.2	.2	1.4	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.1	8.1
WNW	.2	.2	2.3	2.5	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	3.1	3.5	9.3
NW	.3	.4	2.9	3.2	.4	.4	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	4.2	4.6	9.2
NNW	.3	.4	3.6	4.0	.6	.6	.5	.5	.2	.2	.0	.0	.0	.0	.0	.0	5.2	5.7	9.5
CALM	6.2	6.8															6.2	6.8	
TOTAL	10.5	11.5	59.4	65.4	10.3	11.4	6.8	7.5	3.2	3.5	.6	.7	.1	.1	.1	90.8	100	9.2	

CEILING-VISIBILITY  
WIND GRAPH



TUL TULSA, OK  
CLASS 2 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 2 / DAY

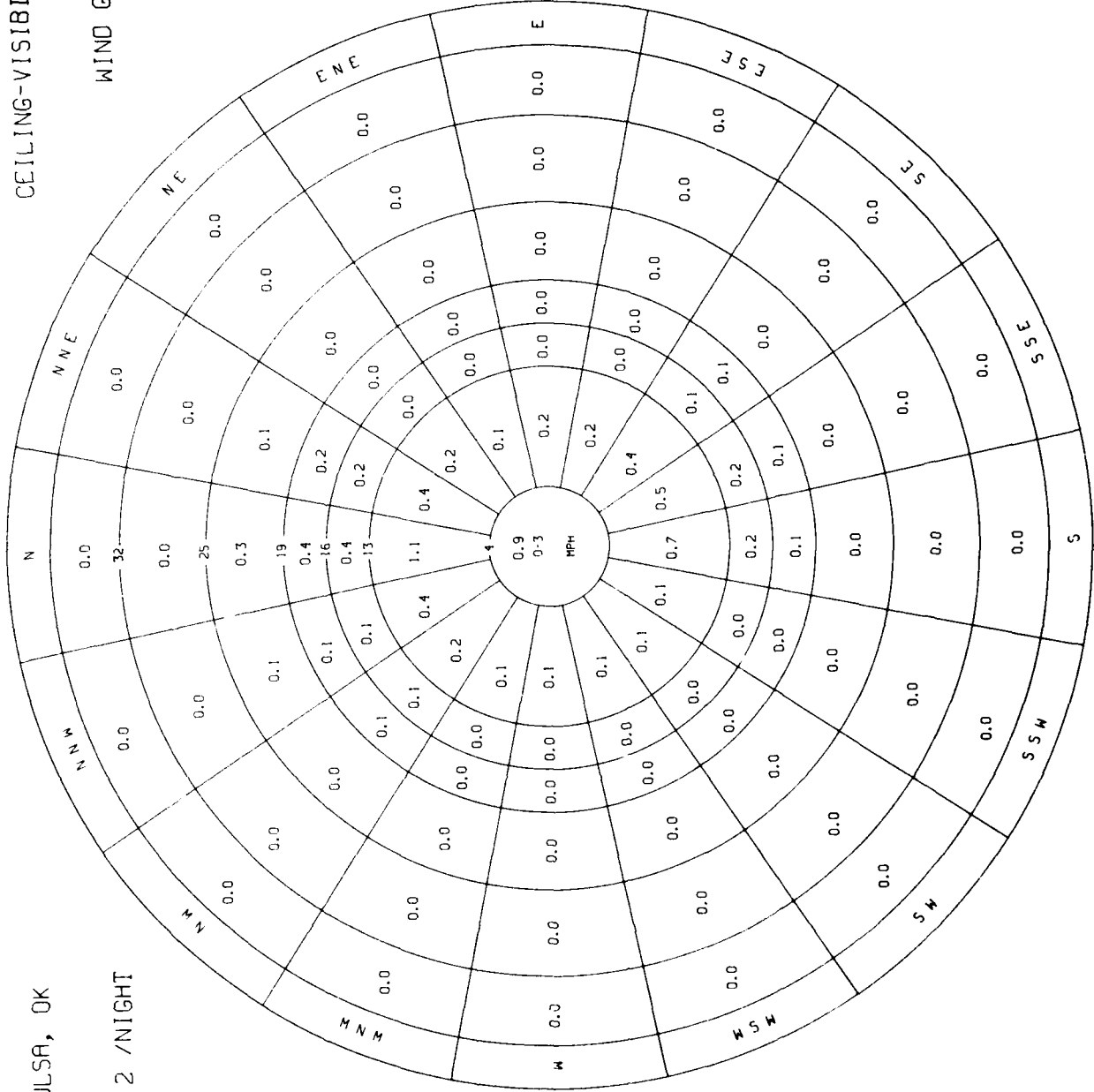
STATION NUMBER: 13968

NO. OBS.: 4035

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.3	.9	9.8	.3	4.0	.3	3.8	.2	2.3	.0	.5	.0	.1	1.8	20.8	13.3
NNE	.0	.2	.4	4.9	.2	2.6	.2	2.2	.1	.9	.0	.1	.0	.0	.9	10.8	13.0
NE	.0	.2	.2	2.5	.1	.7	.0	.5	.0	.2	.0	.0	.0	.0	.4	4.2	11.1
ENE	.0	.1	.2	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.8	9.1
E	.0	.2	.2	2.5	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.2	9.1
ESE	.0	.1	.2	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.8	9.3
SE	.0	.3	.3	3.8	.1	1.1	.1	.6	.0	.2	.0	.0	.0	.0	.5	5.9	10.5
SSE	.0	.2	.5	5.4	.2	2.1	.1	1.5	.0	.4	.0	.0	.0	.0	.8	9.6	11.7
S	.0	.3	.6	6.9	.2	2.2	.2	2.5	.1	.8	.0	.1	.0	.0	1.1	12.8	12.1
SSW	.0	.2	.1	1.5	.0	.4	.0	.5	.0	.2	.0	.1	.0	.0	.3	3.0	12.5
SW	.0	.1	.1	.9	.0	.2	.0	.0	.0	.1	.0	.1	.0	.0	.1	1.3	10.5
WSW	.0	.1	.1	.8	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.3	9.6
W	.0	.0	.1	1.2	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.9	10.3
WNW	.0	.1	.1	1.6	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.8	11.7
NW	.0	.3	.1	1.7	.0	.4	.1	.6	.0	.2	.0	.1	.0	.0	.3	3.4	11.0
NNW	.0	.2	.3	3.9	.1	1.6	.1	1.3	.1	1.3	.0	.1	.0	.0	.7	8.4	13.0
CALM	.4	5.0													.4	5.0	
TOTAL	.7	7.9	4.5	51.9	1.5	17.3	1.3	14.6	.6	7.0	.1	1.1	.0	.2	8.7	100	11.4

CEILING-VISIBILITY  
WIND GRAPH

TUL TULSA, OK  
CLASS 2 /NIGHT



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 2 / NIGHT

NO. OBS.: 3774

STATION NUMBER: 13968

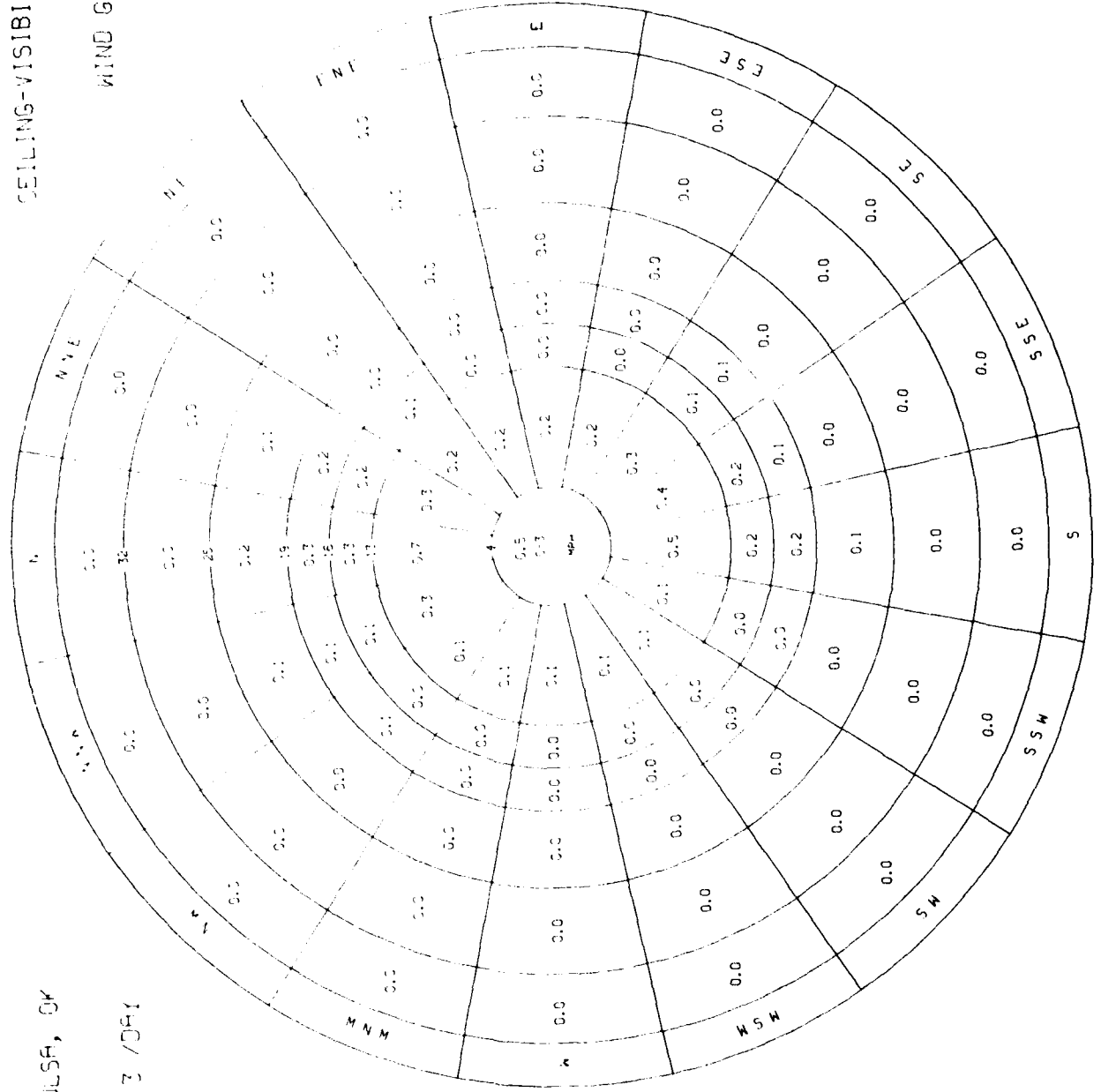
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	1.1	11.7	4	4.5	4	3.9	3	3.0	.0	.2	.0	.1	2.2	23.8	12.9		
NNE	.0	.2	4	4.2	2	2.2	2	2.3	1	1.1	.0	.2	.0	.0	.9	10.1	13.5		
NENE	.0	.2	2	2.4	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	3.3	9.5		
ENE	.0	.2	1	1.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	1.9	8.2		
E	.0	.2	2	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.3	7.8		
ESE	.0	.1	2	1.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.2	9.2		
SE	.0	.3	4	3.9	1	.8	1	.6	.0	.2	.0	.0	.0	.0	.5	5.8	10.1		
SSE	.0	.3	5	5.8	2	1.9	1	1.1	.0	.3	.0	.0	.0	.0	.9	9.6	11.0		
S	.0	.4	7	7.4	2	2.5	1	1.6	.0	.5	.0	.0	.0	.0	1.1	12.4	10.9		
SSW	.0	.1	1	1.4	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.4	11.4		
SW	.0	.3	1	1.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	1.8	9.1		
WSW	.0	.1	1	.6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.9	10.2		
W	.0	.2	1	.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	1	1.5	10.0		
WNW	.0	.2	1	1.4	.0	.3	.0	.4	.0	.2	.0	.0	.0	.0	.2	2.6	10.5		
NW	.0	.3	2	2.6	1	.8	1	.8	.0	.2	.0	.1	.0	.0	.4	4.9	11.7		
NNW	.0	.3	4	4.5	1	1.3	1	1.6	.1	.8	.0	.1	.0	.0	.8	8.6	12.1		
CALM	.5	5.9													.5	5.9			
TOTAL	.9	9.7	4.9	52.9	1.5	16.2	1.2	13.5	.6	6.8	.1	.8	.0	.1	9.2	100	10.8		

CEILING-VISIBILITY

WIND GRAPH

TUL TULSA, OK

CLASS 3 / DAY



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

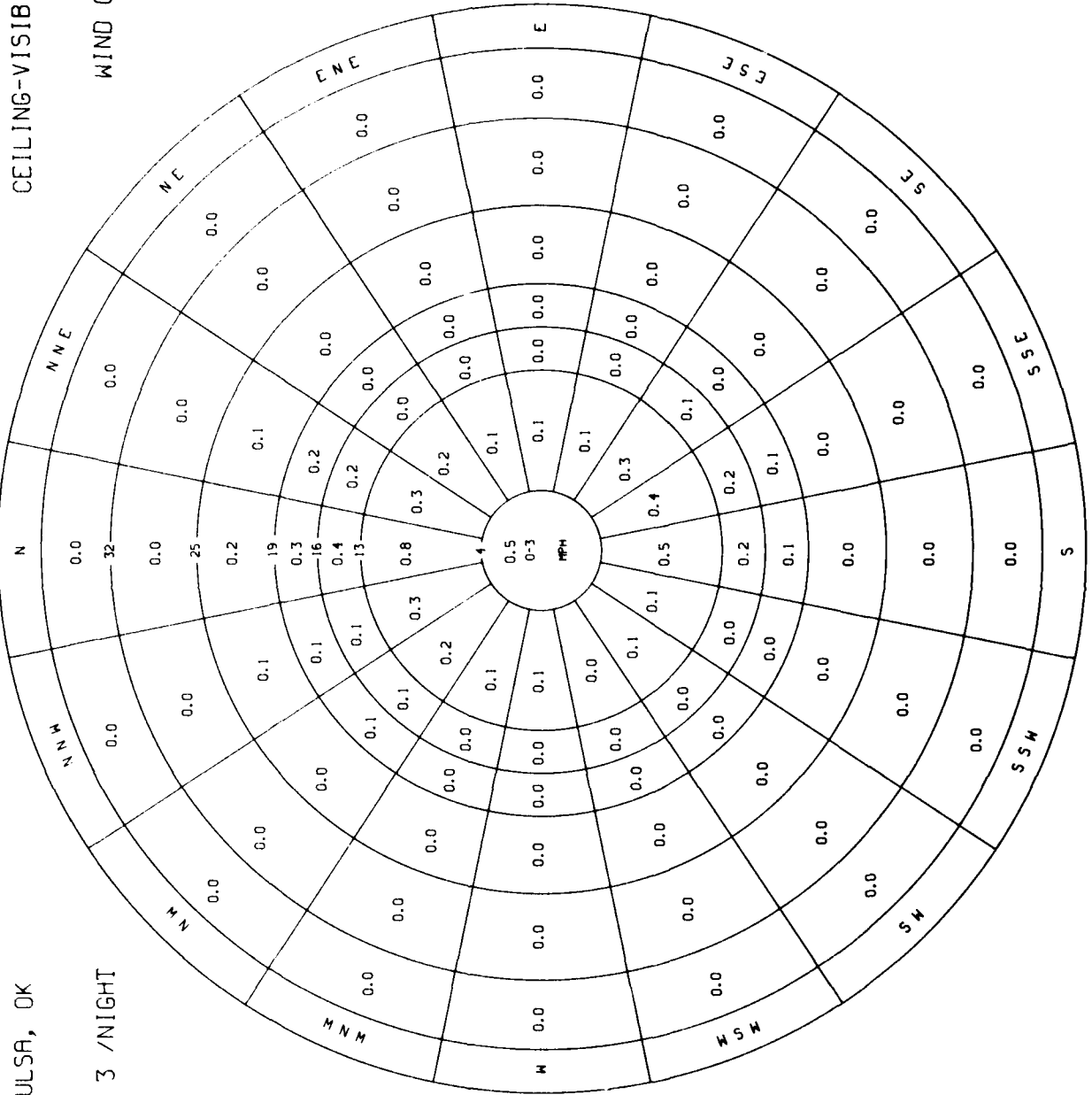
CLASS 3 / DAY

STATION NUMBER: 13968

NO. OBS.: 3516

D I R	SPEED GROUPS (MPH)												AVG WIND SPEED					
	0-3		4-12		13-15		16-18		19-24		25-31			32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B		A	B	C	D	
N	.0	.3	.7	9.3	.3	4.1	.3	4.0	.2	2.5	.0	.5	.0	.1	1.6	20.8	13.6	
NNE	.0	.1	.3	4.6	.2	2.6	.2	2.3	.1	1.0	.0	.0	.0	.0	.8	10.7	13.2	
NE	.0	.2	.2	2.3	.1	.8	.0	.5	.0	.2	.0	.0	.0	.0	.3	4.1	11.4	
ENE	.0	.1	.2	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.6	9.1	
E	.0	.2	.2	2.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2	3.3	9.3	
ESE	.0	.1	.2	2.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.8	9.5	
SE	.0	.2	.3	3.9	.1	1.1	.1	.7	.0	.2	.0	.0	.0	.0	.5	6.1	10.8	
SSE	.0	.1	.4	5.2	.2	2.0	.1	1.6	.0	.4	.0	.0	.0	.0	.7	9.4	12.0	
S	.0	.3	.5	6.5	.2	2.5	.2	2.8	.1	.9	.0	.1	.0	.0	1.0	13.1	12.5	
SSW	.0	.1	.1	1.6	.0	.5	.0	.6	.0	.3	.0	.1	.0	.0	.2	3.2	12.9	
SW	.0	.0	.1	1.0	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.1	1.3	10.5	
WSW	.0	.1	.1	.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	1.4	9.5	
W	.0	.0	.1	1.3	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.1	1.9	10.4	
WNW	.0	.1	.1	1.7	.0	.6	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.9	11.4	
NW	.0	.3	.1	1.7	.0	.5	.1	.7	.0	.2	.0	.1	.0	.0	.3	3.4	11.3	
NNW	.0	.2	.3	3.7	.1	1.7	.1	1.3	.1	1.4	.0	.1	.0	.1	.6	8.5	13.4	
CALM	.3	4.3													.3	4.3		
TOTAL	.5	6.8	3.8	50.4	1.4	18.1	1.2	15.7	.6	7.6	.1	1.1	.0	.3	7.6	100	11.7	

CEILING-VISIBILITY  
WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 3 / NIGHT

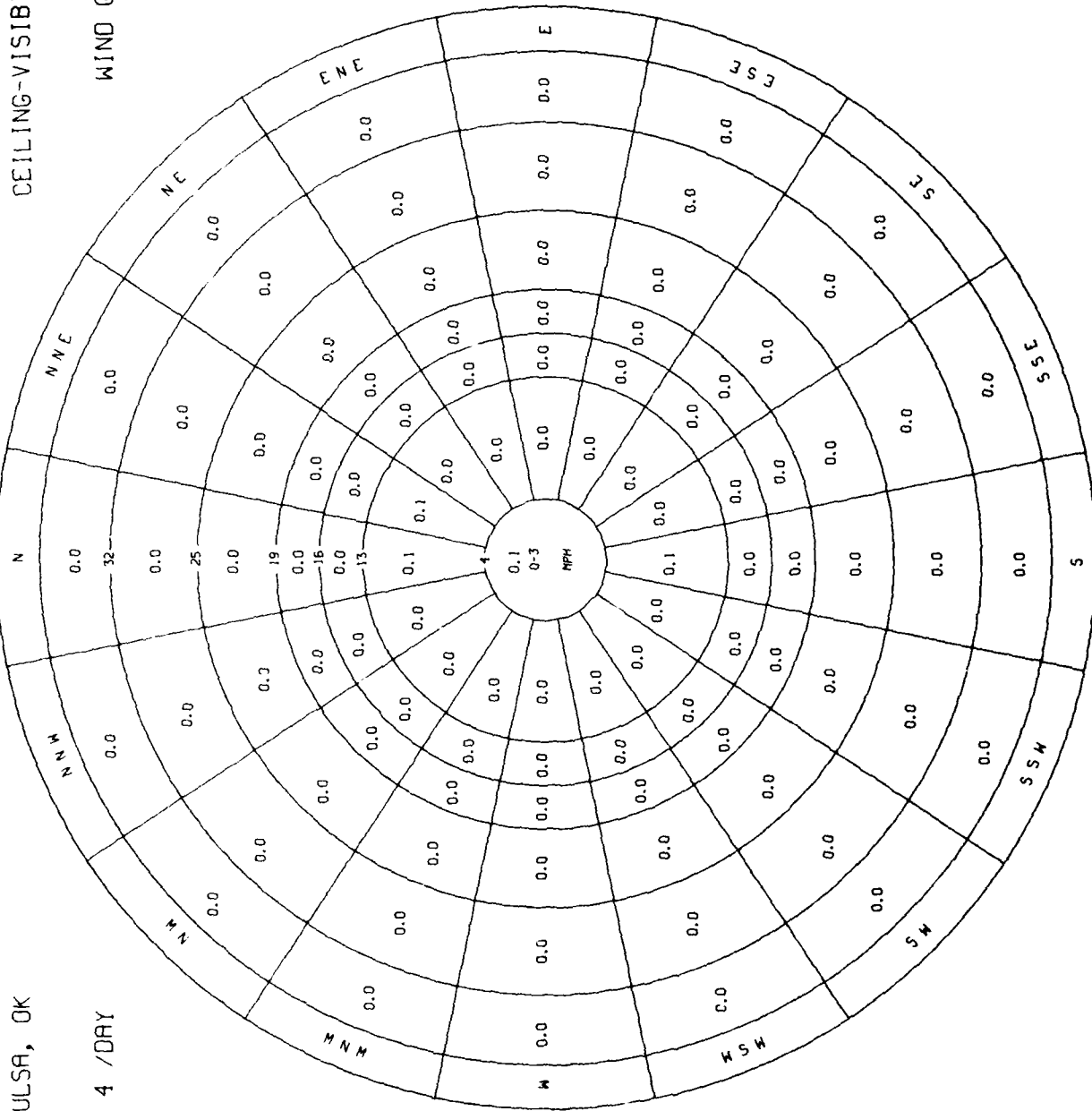
NO. OBS.: 3004

STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.3	.8	11.4	.4	5.3	.3	4.5	.2	3.3	.0	.3	.0	.1	1.8	25.0	13.4		
NNE	.0	.1	.3	3.8	.2	2.4	.2	2.6	.1	1.4	.0	.3	.0	.0	.8	10.7	14.1		
NNE	.0	.1	.2	2.2	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.2	3.1	10.2		
ENE	.0	.1	.1	1.3	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.7	8.8		
E	.0	.2	.1	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.2	8.2		
ESE	.0	.0	.1	1.8	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.2	2.2	9.5		
SE	.0	.2	.3	3.7	.1	1.0	.0	.7	.0	.2	.0	.0	.0	.0	.4	5.8	10.7		
SSE	.0	.3	.4	5.1	.2	2.2	.1	1.2	.0	.4	.0	.0	.0	.0	.7	9.2	11.7		
S	.0	.4	.5	6.4	.2	2.8	.1	1.9	.0	.6	.0	.0	.0	.0	.9	12.0	11.8		
SSW	.0	.1	.1	1.3	.0	.5	.0	.3	.0	.2	.0	.0	.0	.0	.2	2.4	12.0		
SW	.0	.1	.1	1.2	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.1	1.8	10.2		
WSW	.0	.1	.0	.6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	.9	9.8		
W	.0	.2	.1	.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1	1.7	10.4		
WNW	.0	.2	.1	1.4	.0	.4	.0	.5	.0	.3	.0	.0	.0	.0	.2	2.7	11.1		
NW	.0	.2	.2	2.7	.1	1.0	.1	1.0	.0	.2	.0	.1	.0	.0	.4	5.3	12.3		
NNW	.0	.2	.3	4.8	.1	1.4	.1	1.7	.1	1.0	.0	.1	.0	.0	.7	9.2	12.5		
CALM	.3	4.3													.3	4.3			
TOTAL	.5	7.1	3.7	50.0	1.3	18.3	1.1	15.4	.6	8.0	.1	1.0	.0	.1	7.3	100	11.6		

CEILING-VISIBILITY

WIND GRAPH



TUL TULSA, OK

CLASS 4 /DAY

# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 4 / DAY

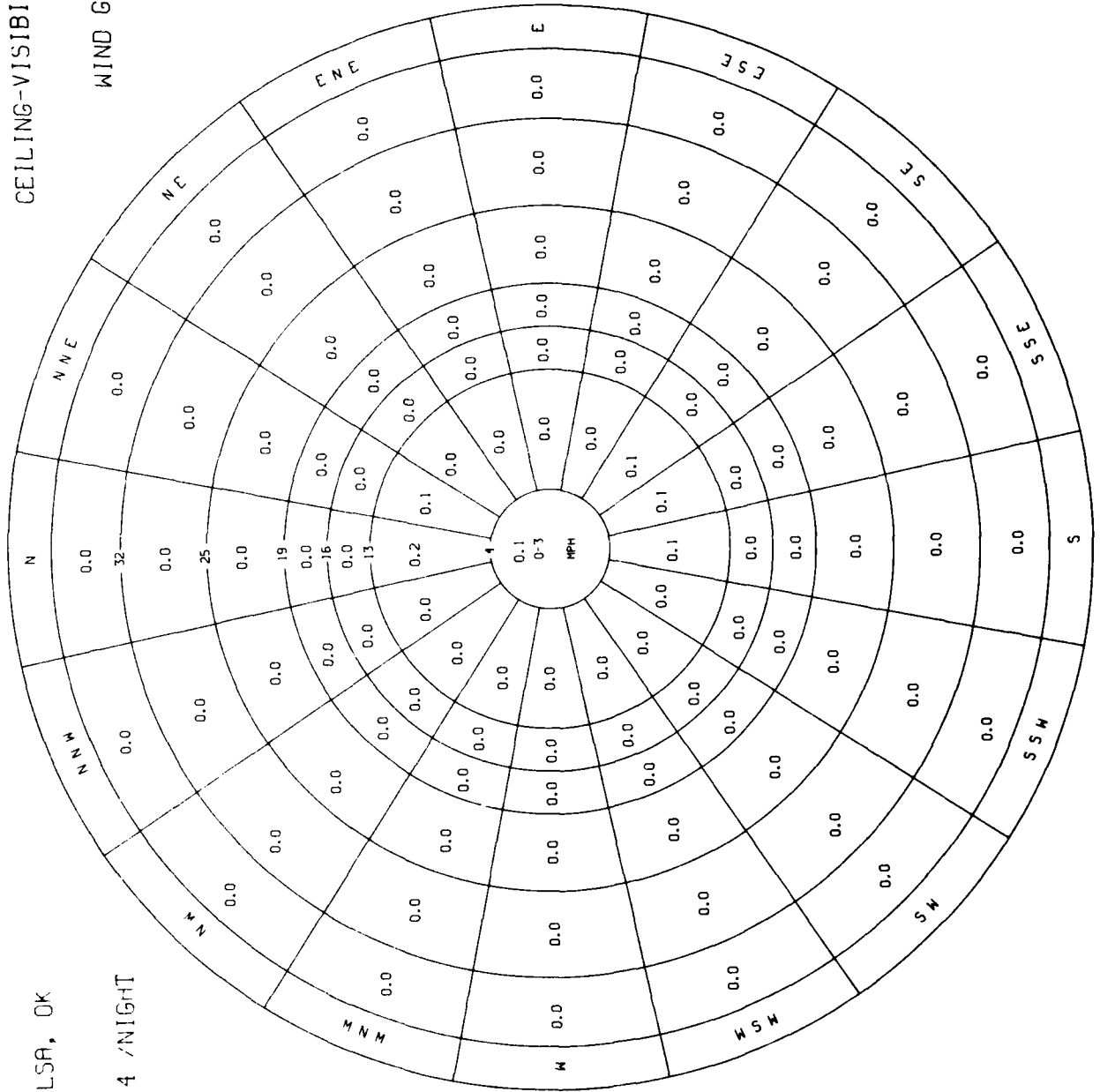
STATION NUMBER: 13968

NO. OBS.: 372

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.1	12.6	.0	3.5	.0	3.0	.0	.8	.0	.5	.0	.0	.0	.0	.2	21.0	11.6
NNE	.0	.3	.1	7.0	.0	3.0	.0	1.3	.0	.8	.0	.5	.0	.0	.0	.0	.1	12.9	12.9
NE	.0	.3	.0	4.6	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	9.2
ENE	.0	.3	.0	3.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.0	9.1
E	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.2
ESE	.0	.0	.0	2.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.1
SE	.0	.3	.0	3.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.9
SSE	.0	.5	.0	6.2	.0	2.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.7	10.2
S	.0	.8	.1	10.2	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.8	9.0
SSW	.0	.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.5
SW	.0	.3	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
WSW	.0	.3	.0	.3	.0	.3	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.1	11.2
W	.0	.3	.0	.5	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	10.2
WNW	.0	.0	.0	1.1	.0	.3	.0	.5	.0	.5	.0	.3	.0	.0	.0	.0	.0	2.7	15.2
NW	.0	.3	.0	2.2	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.6
NNW	.0	.0	.0	5.4	.0	.8	.0	1.3	.0	.5	.0	.0	.0	.0	.0	.0	.1	8.1	10.4
CALM	.0	6.2															.0	6.2	
TOTAL	.1	10.8	.5	61.8	.1	13.2	.1	9.7	.0	3.2	.0	1.3	.0	.0	.0	.8	100	9.9	

CEILING-VISIBILITY

WIND GRAPH



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 4 / NIGHT

NO. OBS.: 465

STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.2	14.6	.0	2.2	.0	2.6	.0	2.2	.0	.0	.0	.0	.0	.0	.2	21.7	11.1
NNE	.0	.2	.1	5.8	.0	2.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.9	11.4
NE	.0	.6	.0	3.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	8.0
ENE	.0	.6	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.1
E	.0	.2	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.6
ESE	.0	.0	.0	1.9	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.3
SE	.0	.6	.1	4.5	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	8.3
SSE	.0	.2	.1	7.5	.0	.6	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	9.7	9.4
S	.0	.4	.1	10.3	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.9	8.4
SSW	.0	.4	.0	1.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	9.1
SW	.0	1.1	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
WSW	.0	.0	.0	.6	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.1	13.4
W	.0	.2	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.8
WNW	.0	.4	.0	1.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.3
NW	.0	.2	.0	1.9	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	9.9
NNW	.0	.6	.0	4.1	.0	.9	.0	1.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.1	9.9
CALM	.1	6.9															.1	6.9	
TOTAL	.1	13.1	.7	64.9	.1	10.3	.1	8.8	.0	2.8	.0	.0	.0	.0	.0	.0	1.1	100	8.8







# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 5 / NIGHT

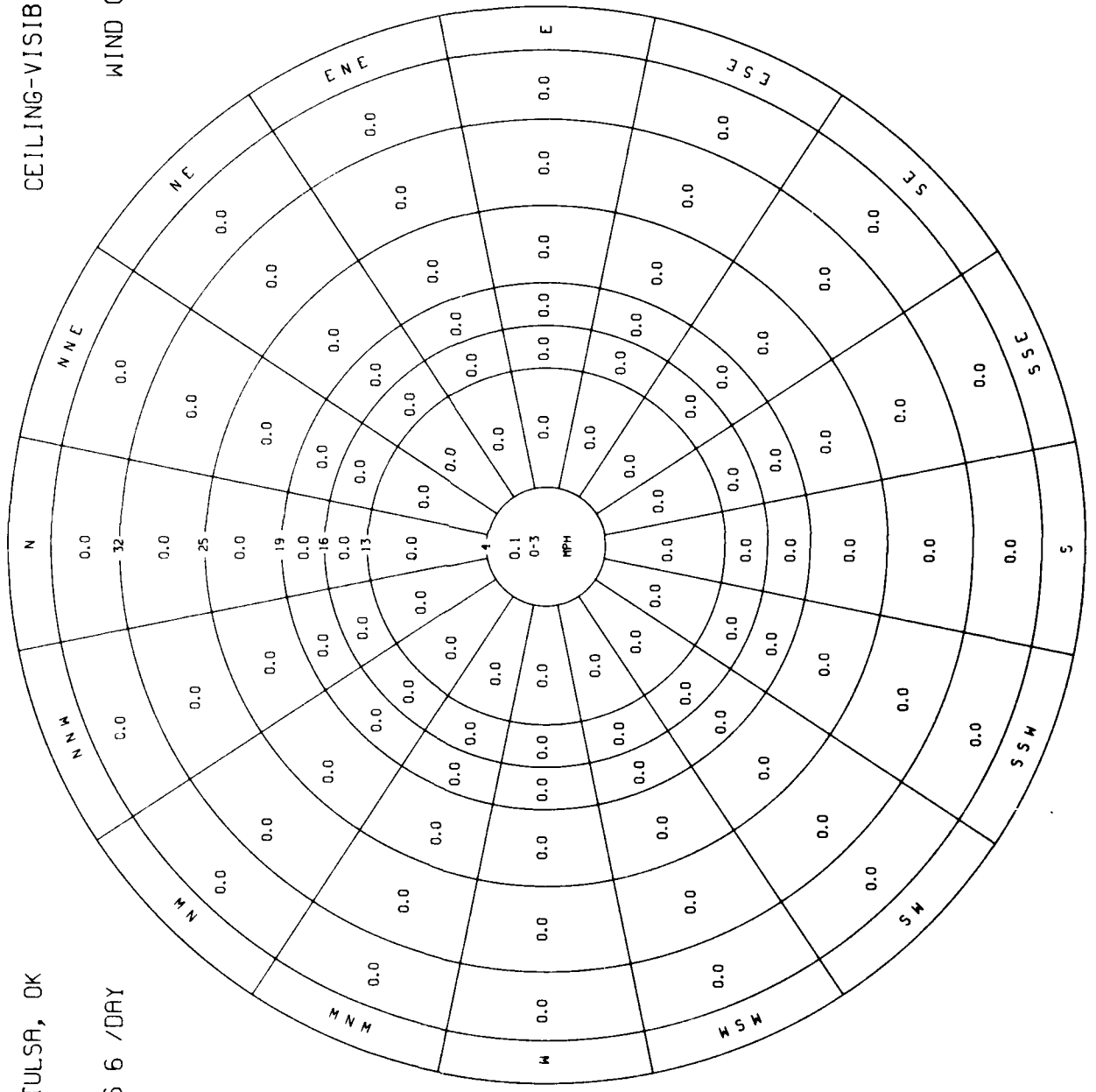
STATION NUMBER: 13968

NO. OBS.: 120

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED		
	0-3			4-12			13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B		A	B		A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.5	.0	15.0	.0	1.7	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	1.21.7	9.2	
NNE	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.6
NE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.0
ENE	.0	.8	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
E	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.5
ESE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0
SE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.7
SSE	.0	.8	.0	11.7	.0	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2	8.7
S	.0	1.7	.0	14.2	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	7.4
SSW	.0	.0	.0	2.5	.0	1.7	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	9.6
SW	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	1.7	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.8
NNW	.0	.8	.0	2.5	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.0
CALM	.0	14.2																		14.2	
TOTAL	.1	25.8	.2	65.0	.0	6.7	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	6.7

CEILING-VISIBILITY

WIND GRAPH



TUL TULSA, OK

CLASS 6 /DAY

# CEILING-VISIBILITY WIND TABULATIONS

## ANNUAL

STATION NAME: TUL TULSA, OK

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 13968

NO. OBS.: 81

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.2	.0	16.0	.0	1.2	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	19.8	9.4
NNE	.0	1.2	.0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	6.2
NE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	12.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.5
ESE	.0	1.2	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	5.8
SE	.0	1.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.2
SSE	.0	1.2	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	7.2
S	.0	.0	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9	7.4
SSW	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.0
SW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	2.5	16.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	1.2	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	5.6
CALM	.0	23.5																23.5	
TOTAL	.1	32.1	.1	64.2	.0	1.2	.0	.0	.0	1.2	.0	.0	1.2	.0	.0	.0	.0	2	100



# CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUL TULSA, OK

CLASS 6 / NIGHT

NO. OBS.: 185

STATION NUMBER: 13968

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.2	.0	7.0	.0	.0	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	10.8	9.3	
NNE	.0	.5	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.9	
NE	.0	.0	.0	4.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.8	
ENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0	
E	.0	.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.5	
ESE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	
SE	.0	1.1	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.2	
SSE	.0	1.6	.0	10.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.4	6.8	
S	.0	.5	.1	13.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	15.1	7.4	
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.5	
SW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0	
WSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.0	
W	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.0	
WNW	.0	.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.8	
NW	.0	.5	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.6	
NNW	.0	1.1	.0	3.2	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.4	
CALM	.1	23.8														.1	23.8		
TOTAL	.1	33.0	.3	62.2	.0	2.2	.0	1.6	.0	1.1	.0	.0	.0	.0	.5	100	5.4	5.4	

CEILING-VISIBILITY  
WIND GRAPH

TUL TULSA, OK  
CLASS 7

