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NATIONAL CLIMATIC CENTER ASHEVILLE NC

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WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

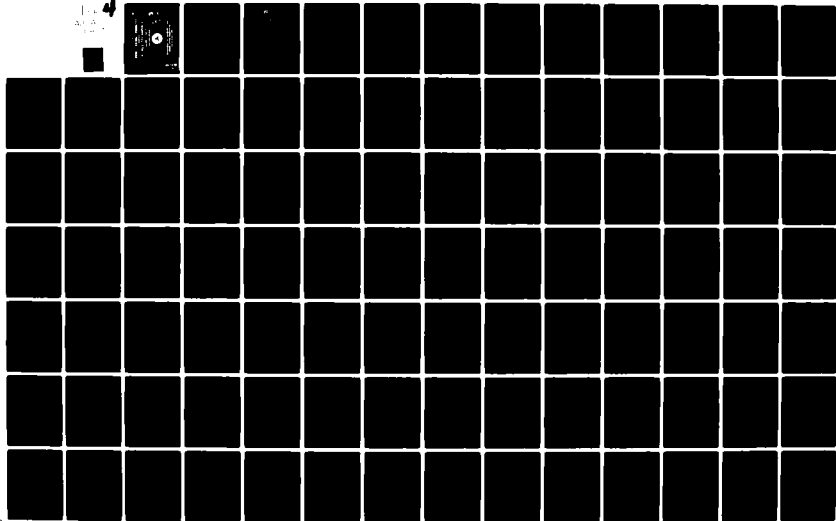
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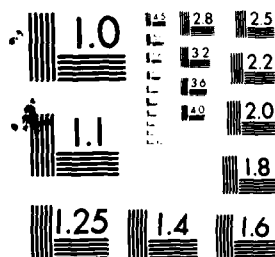


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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

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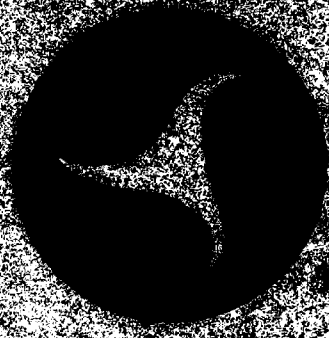
CEILING - VOLUNTARY

DATA

AT SELECTED AIRPORTS

VOLUME IX PART B

WESTERN REGION



RECEIVED
DEC 12 1964



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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.			
17. Key Words Ceiling, visibility, climatology		18. Distribution Statement Document is available to the public through the National Technical Information Service, Springfield, Va. 22151	
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WIND-CEILING-VISIBILITY
DATA
AT SELECTED AIRPORTS

May 1981

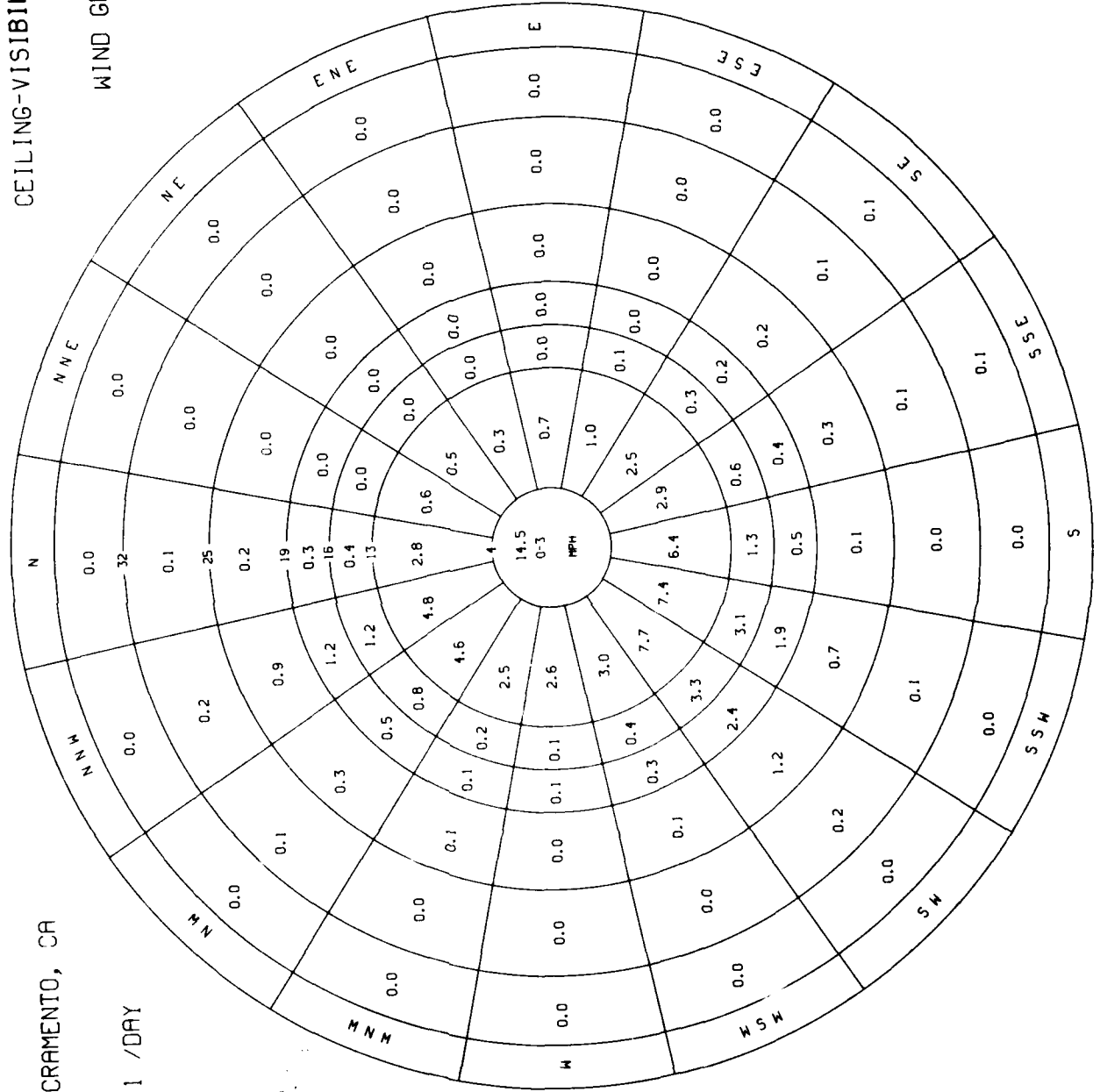
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CLASS 1 / DAY

CLASS 1 / DAY



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAC SACRAMENTO, CA

CLASS 1 / DAY

STATION NUMBER: 23232

NO. OBS.: 44986

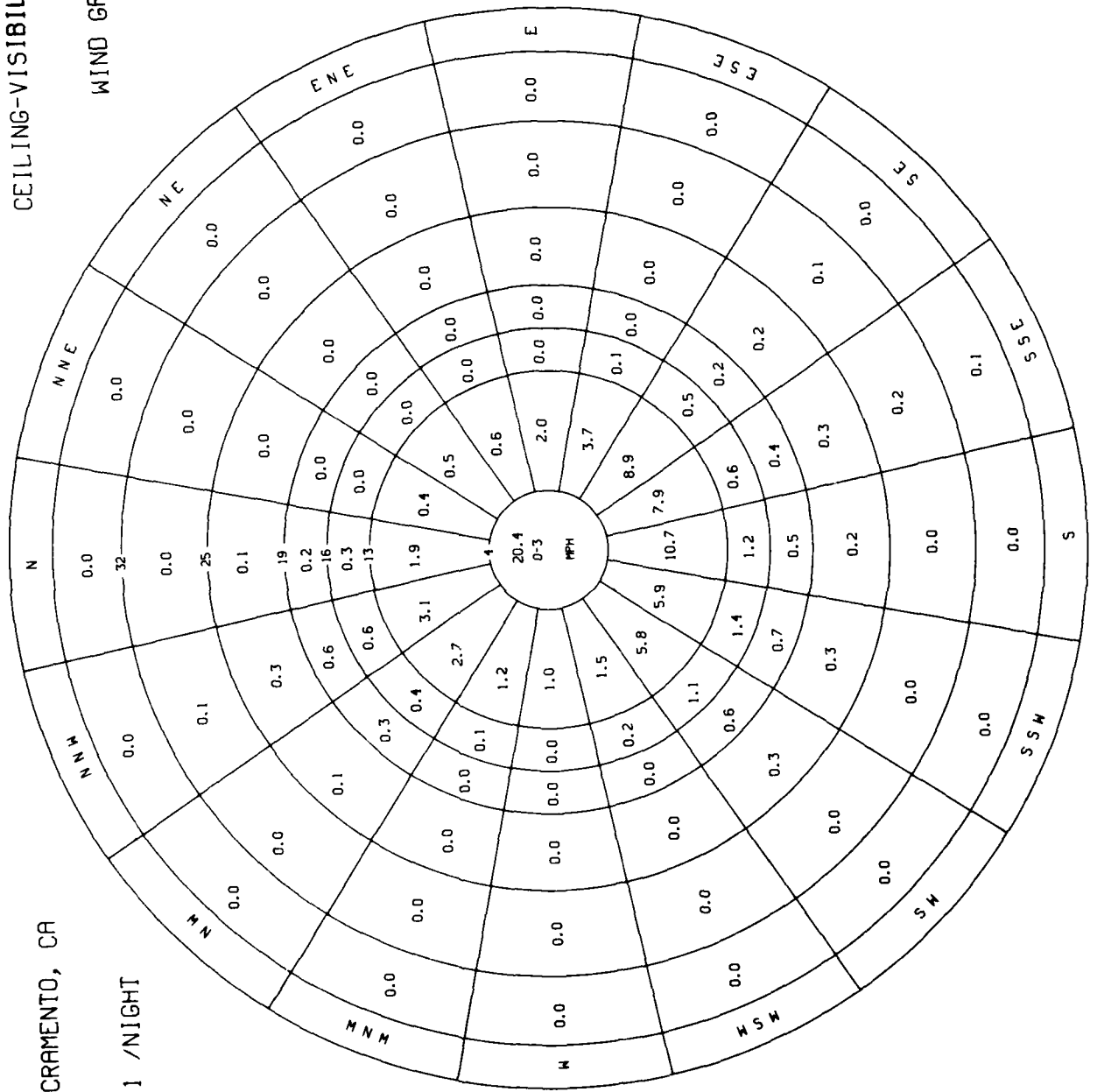
PERIOD: 1948-1978

Accession for	NTIS GRA&I	DTIC TAB	Unannounced	Justification
By	Distribution/	Availability Codes	Avail and/or	Special

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	.7	.8	2.8	3.1	.4	.4	.3	.3	.2	.3	.1	.1	.0	.0	4.5	5.0	9.1
NNE	.3	.3	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	6.2
NE	.4	.5	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	4.8
ENE	.2	.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	5.0
E	.4	.5	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	5.3
ESE	.4	.4	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	6.3
SE	.7	.8	2.5	2.8	.3	.4	.2	.3	.2	.2	.1	.1	.1	.1	4.1	4.6	9.3
SSE	.5	.5	2.9	3.3	.6	.6	.4	.5	.3	.4	.1	.2	.1	.1	5.0	5.5	10.9
S	.9	1.1	6.4	7.2	1.3	1.4	.5	.6	.1	.2	.0	.0	.0	.0	9.4	10.4	9.1
SSW	.6	.6	7.4	8.3	3.1	3.5	1.9	2.1	.7	.7	.1	.1	.0	.0	13.7	15.3	11.5
SW	.9	1.0	7.7	8.5	3.3	3.7	2.4	2.6	1.2	1.3	.2	.2	.0	.0	15.7	17.4	12.0
WSW	.5	.6	3.0	3.4	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	4.4	4.9	8.8
W	.7	.8	2.6	2.8	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	3.5	3.9	6.7
WNW	.5	.5	2.5	2.8	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.3	3.6	7.4
NW	.9	1.0	4.6	5.1	.8	.8	.5	.6	.3	.4	.1	.1	.0	.0	7.2	8.0	9.3
NNW	.7	.8	4.8	5.4	1.2	1.3	1.2	1.4	.9	1.0	.2	.3	.0	.0	9.1	10.1	11.4
CALM	5.2	5.7													5.2	5.7	
TOTAL	14.5	16.1	50.4	56.0	11.8	13.1	7.9	8.8	4.2	4.7	1.0	1.1	.2	.2	89.9	100	9.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAC SACRAMENTO, CA

PERIOD: 1948-1978

CLASS 1 / NIGHT

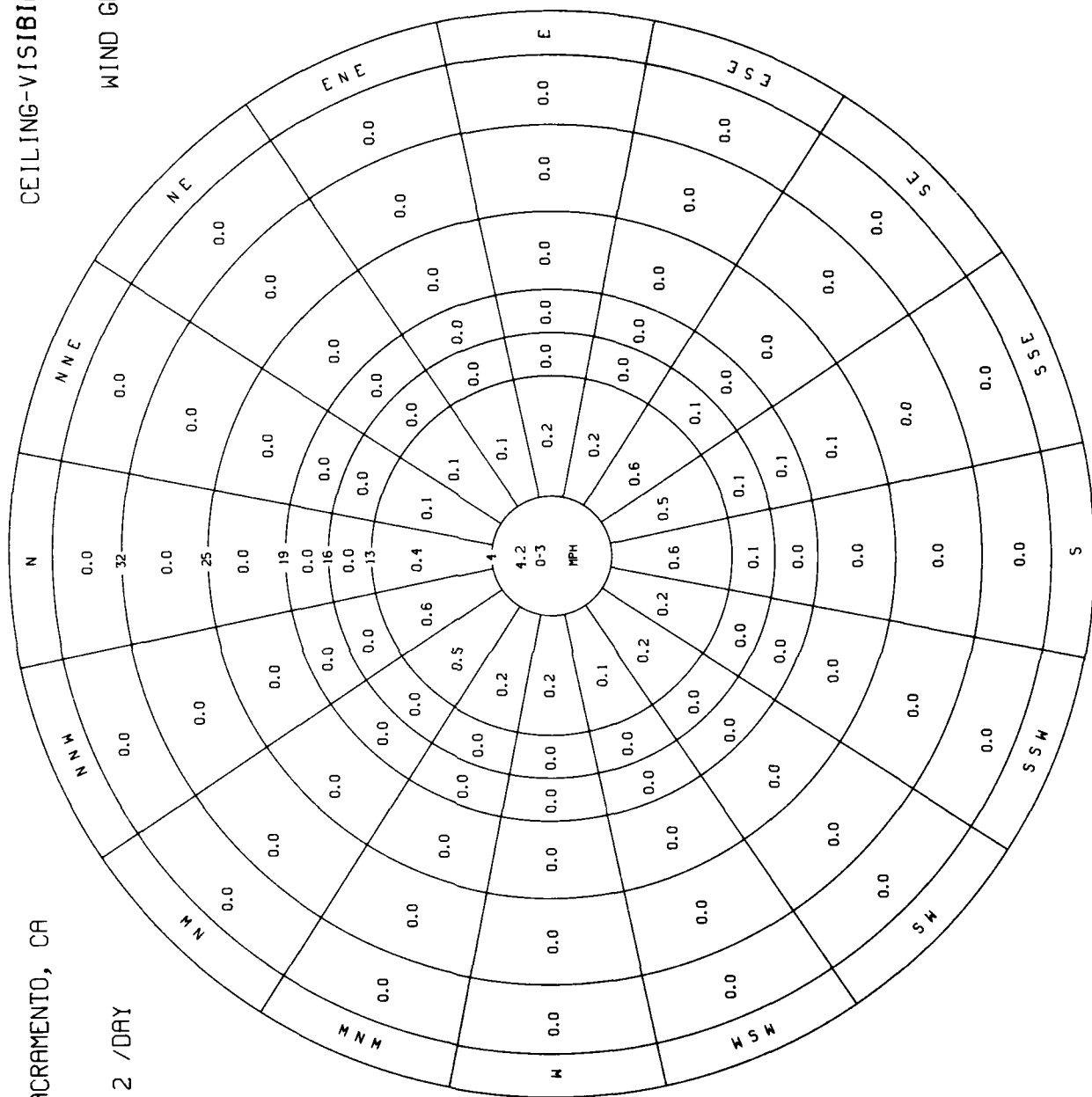
STATION NUMBER: 23232

NO. OBS.: 36711

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	
N	.5	.6	1.9	2.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.1 3.5 8.7
NNE	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .8 5.9
NE	.5	.5	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1 4.8
ENE	.3	.4	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 1.0 4.8
E	1.0	1.1	2.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.3 5.3
ESE	1.1	1.2	3.7	4.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.0 5.5 6.1
SE	1.7	1.9	8.9	9.8	.5	.5	.2	.2	.2	.2	.1	.1	.0	.0	11.6 12.8 7.5
SSE	1.0	1.1	7.9	8.7	.6	.7	.4	.4	.3	.3	.2	.2	.1	.1	10.3 11.4 8.7
S	1.1	1.2	10.7	11.8	1.2	1.3	.5	.5	.2	.2	.0	.0	.0	.0	13.6 15.1 8.5
SSW	.5	.6	5.9	6.5	1.4	1.5	.7	.8	.3	.3	.0	.0	.0	.0	8.8 9.7 10.0
SW	.8	.9	5.8	6.4	1.1	1.2	.6	.7	.3	.3	.0	.1	.0	.0	8.7 9.6 9.6
WSW	.4	.4	1.5	1.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.1 2.3 7.4
W	.4	.4	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4 1.6 6.1
WNW	.3	.3	1.2	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.8 7.2
NW	.5	.6	2.7	3.0	.4	.5	.3	.3	.1	.1	.0	.0	.0	.0	4.1 4.5 9.0
NNW	.4	.5	3.1	3.5	.6	.7	.6	.6	.3	.4	.1	.1	.0	.0	5.2 5.7 10.5
CALM	9.4	10.4													9.4 10.4
TOTAL	20.4	22.5	57.7	63.8	6.5	7.2	3.6	4.0	1.8	2.0	.5	.5	.1	.1	90.6 100 7.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 2 / DAY

NO. OBS.: 5027

STATION NUMBER: 23232

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	1.7	.4	4.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.6	6.2	6.0
NNE	.1	1.0	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	4.6
NNE	.1	1.1	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	4.4
ENE	.1	.7	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	4.3
E	.2	1.5	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.5	4.9
ESE	.1	1.0	.2	2.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.6	6.2
SE	.2	2.1	.6	6.2	.1	.8	.0	.4	.0	.5	.0	.2	.0	.1	1.0	10.3	8.9
SSE	.1	1.2	.5	5.1	.1	1.2	.1	1.1	.1	.6	.0	.5	.0	.2	1.0	9.9	11.4
S	.2	1.9	.6	5.6	.1	.7	.0	.5	.0	.2	.0	.1	.0	.0	.9	9.0	7.8
SSW	.1	1.1	.2	2.1	.0	.5	.0	.4	.0	.2	.0	.1	.0	.0	.4	4.4	8.5
SW	.1	1.5	.2	2.2	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4	4.3	7.0
WSW	.1	.9	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	5.4
W	.1	1.4	.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.1	5.0
WNW	.1	1.1	.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.2	5.3
NW	.3	2.5	.5	4.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.6	5.7
NNW	.2	1.7	.6	6.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	8.2	6.6
CALM	1.9	18.9													1.9	18.9	
TOTAL	4.2	41.3	4.9	48.4	.4	4.4	.3	2.8	.2	1.7	.1	.9	.0	.4	10.1	100	5.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAC SACRAMENTO, CA

PERIOD: 1948-1978

CLASS 2 / NIGHT

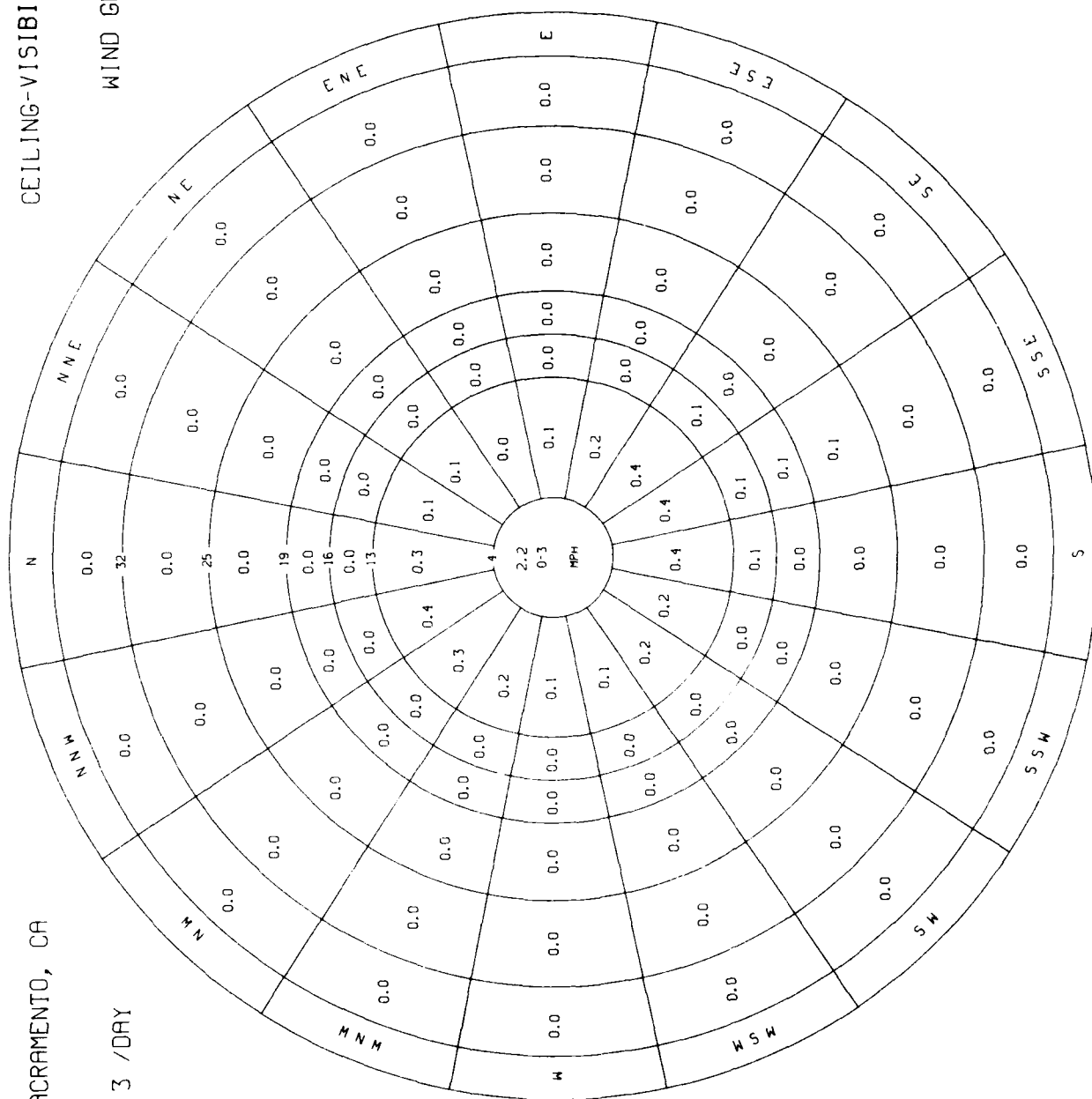
STATION NUMBER: 23232

NO. OBS.: 3828

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	1.4	.3	3.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.5	5.4	6.4
NNE	.1	.6	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.1
NE	.1	1.0	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.4
ENE	.1	1.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.2
E	.2	2.2	.3	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.3	4.8
ESE	.1	1.5	.4	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.9	5.7
SE	.3	3.4	.8	8.3	.1	.6	.0	.3	.0	.3	.0	.3	.0	.0	1.3	13.2	7.4
SSE	.2	1.8	.6	6.1	.1	.6	.1	.6	.1	.8	.0	.4	.0	.0	1.0	10.4	9.6
S	.2	2.2	.6	6.0	.0	.5	.1	.6	.0	.3	.0	.1	.0	.0	.9	9.6	7.8
SSW	.1	.9	.2	1.7	.0	.4	.0	.3	.0	.4	.0	.1	.0	.0	.4	3.7	9.4
SW	.1	1.1	.1	1.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.4	6.4
WSW	.1	.6	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.8
W	.1	1.0	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.3
WNW	.1	.6	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	5.6
NW	.2	1.6	.4	3.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.5	5.9
NNW	.1	1.1	.4	4.3	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.6	6.0	7.2
CALM	2.1	21.8													2.1	21.8	
TOTAL	4.2	44.0	4.5	47.5	.3	3.4	.2	2.1	.2	2.0	.1	.9	.0	.1	9.4	100	5.4

CEILING-VISIBILITY

WIND GRAPH



SAC SACRAMENTO, CA

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAC SACRAMENTO, CA

PERIOD: 1948-1978

CLASS 3 / DAY

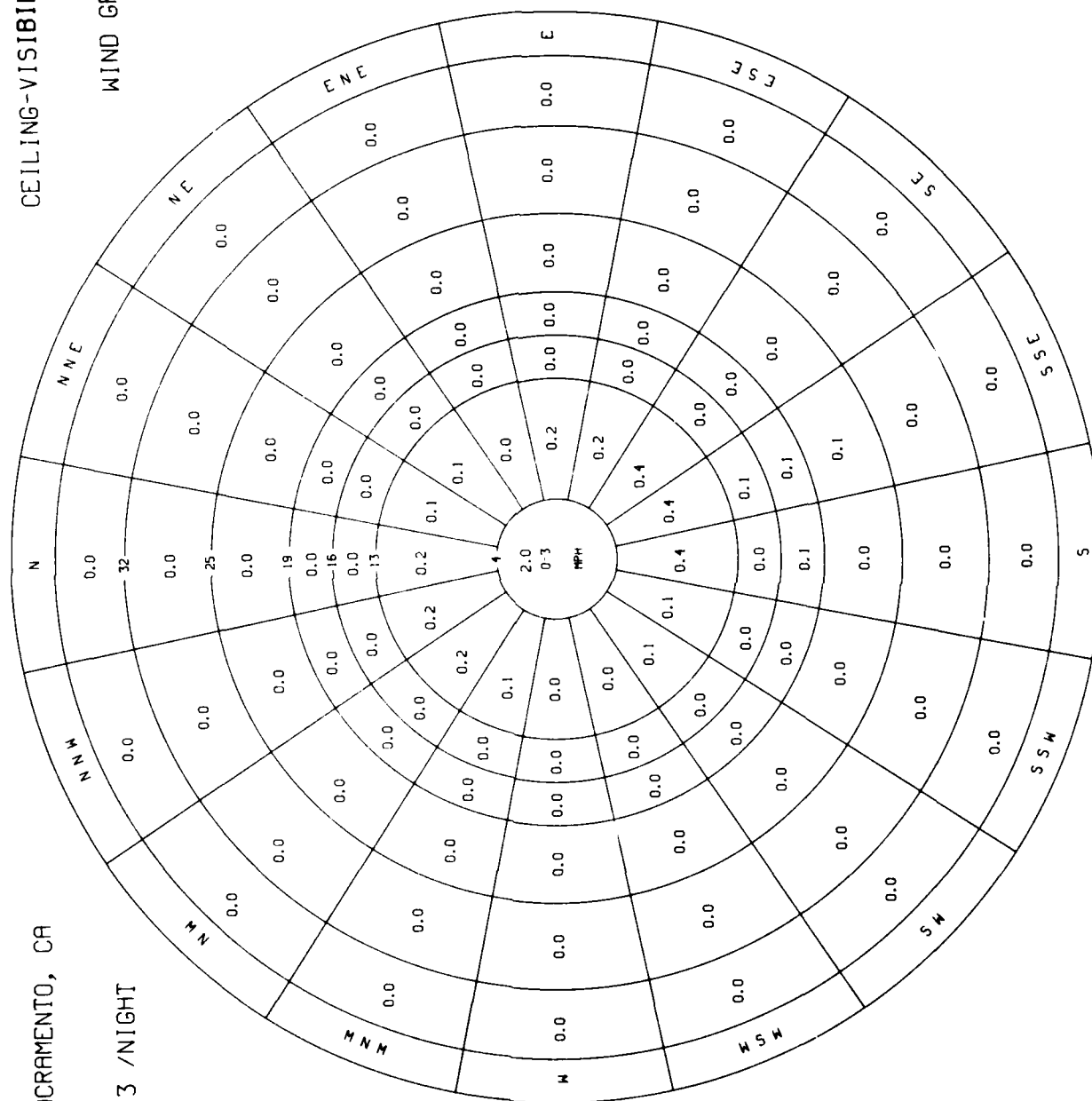
STATION NUMBER: 23232

NO. OBS.: 3245

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	1.3	.3	3.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	5.6	6.6
NNE	.1	.8	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	4.9
NE	.1	1.0	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	4.6
ENE	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.5
E	.1	1.2	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.2	5.4
ESE	.0	.8	.2	2.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	3.6	6.9
SE	.1	1.9	.4	6.3	.1	1.1	.0	.6	.0	.7	.0	.3	.0	.2	.7	11.2	10.1	
SSE	.1	1.1	.4	6.0	.1	1.8	.1	1.6	.1	.8	.0	.8	.0	.4	.8	12.4	12.5	
S	.1	1.4	.4	6.5	.1	.9	.0	.7	.0	.4	.0	.2	.0	.0	.7	10.1	8.8	
SSW	.0	.8	.2	2.4	.0	.7	.0	.6	.0	.3	.0	.1	.0	.0	.3	4.9	10.1	
SW	.1	1.3	.2	2.5	.0	.6	.0	.3	.0	.1	.0	.0	.0	.0	.3	4.8	8.1	
WSW	.0	.8	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	6.0	
W	.1	1.2	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.2	5.3	
WNW	.1	1.0	.2	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	5.5	
NW	.1	2.3	.3	4.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.4	6.0	
NNW	.1	1.4	.4	6.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.3	7.0	
CALM	.9	14.5													.9	14.5		
TOTAL	2.2	33.4	3.3	51.5	.4	6.3	.3	4.2	.2	2.5	.1	1.4	.0	.7	6.5	100	7.0	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 3 / NIGHT

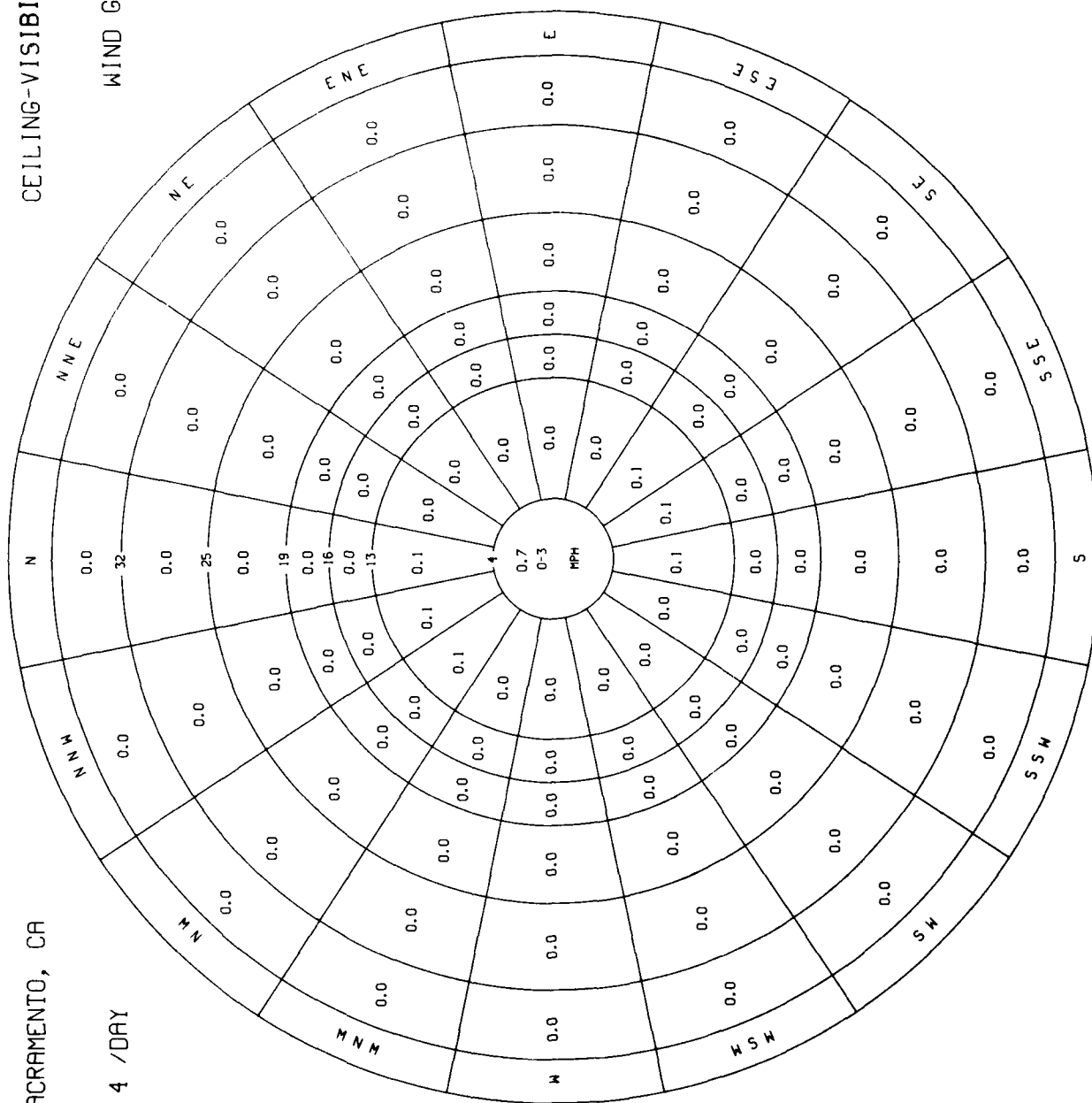
NO. OBS.: 2160

STATION NUMBER: 23232

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	1.4	.2	3.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	5.3	6.3
NNE	.0	.6	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	5.3
NE	.0	.8	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	4.7
ENE	.1	1.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	4.0
E	.1	2.5	.2	3.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.9	4.9
ESE	.1	1.2	.2	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.6	6.3
SE	.1	2.5	.4	8.2	.0	.9	.0	.5	.0	.6	.0	.5	.0	.0	.0	.7	13.1	8.8
SSE	.1	1.5	.4	7.2	.1	1.1	.1	1.1	.1	1.3	.0	.7	.0	.0	.0	.7	13.0	11.3
S	.1	1.7	.4	6.7	.0	.8	.1	1.0	.0	.5	.0	.2	.0	.0	.0	.6	10.9	9.3
SSW	.0	.9	.1	2.0	.0	.6	.0	.6	.0	.7	.0	.1	.0	.0	.0	.3	4.9	10.9
SW	.0	.7	.1	1.1	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	2.4	8.5
WSW	.0	.4	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.8
W	.0	.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	4.9
WNW	.0	.6	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	6.1
NW	.1	1.4	.2	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.5	5.9
NNW	.0	.8	.2	4.4	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	5.8	7.5
CALM	1.0	18.0														1.0	18.0	
TOTAL	2.0	37.1	2.6	49.4	.3	5.1	.2	3.6	.2	3.3	.1	1.5	.0	.1		5.3	100	6.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 4 / DAY

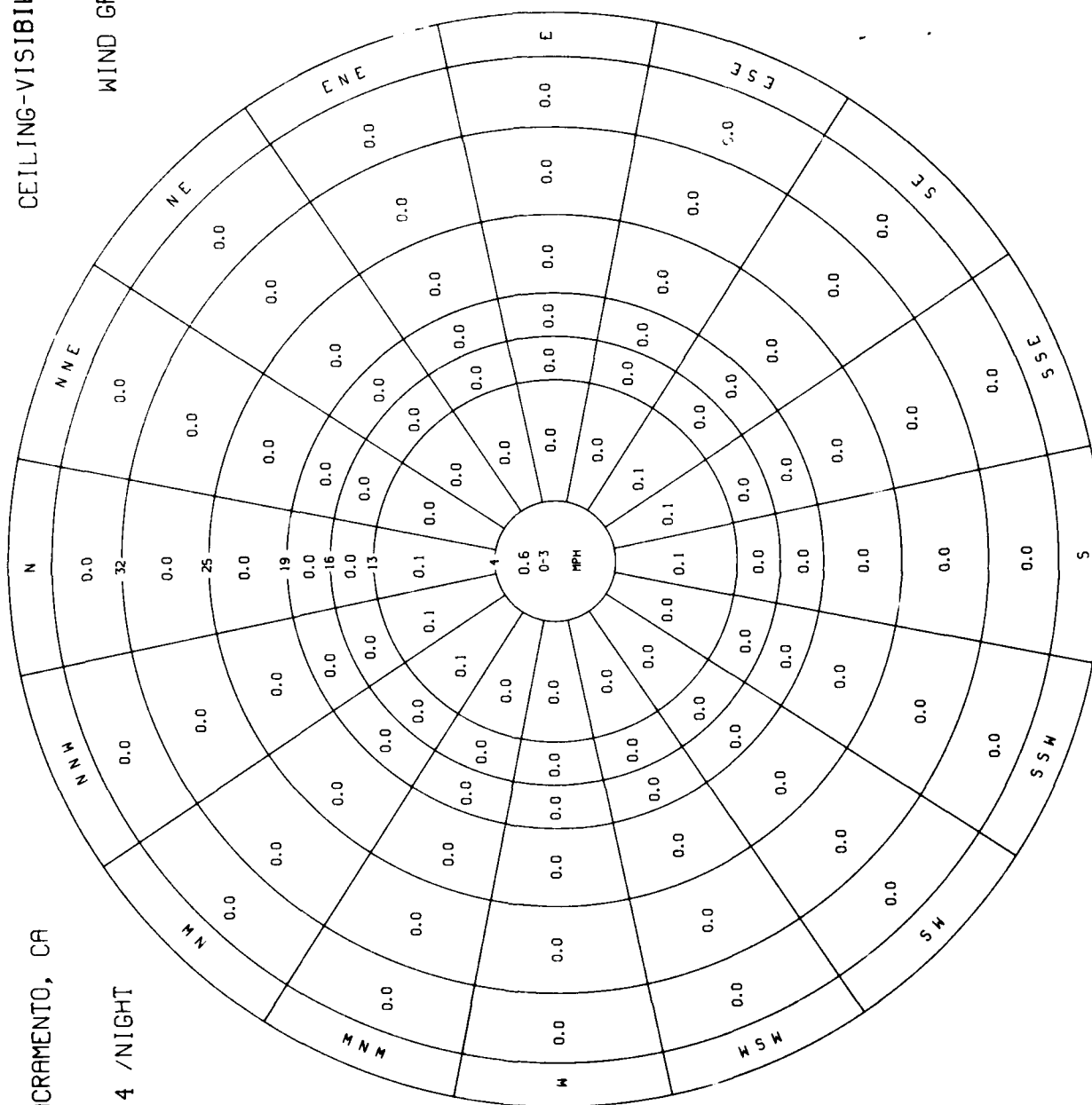
NO. OBS.: 737

STATION NUMBER: 23232

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	.1	7.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.2	5.7
NNE	.0	2.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	4.1
NE	.0	1.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.6
ENE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.4
E	.0	1.5	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.5
ESE	.0	.7	.0	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
SE	.0	2.3	.1	7.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	9.6	6.4
SSE	.0	.7	.1	5.0	.0	.4	.0	.4	.0	.3	.0	.0	.0	.0	.1	6.8	8.5
S	.0	1.5	.1	4.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5	6.3
SSW	.0	1.5	.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.7
SW	.0	2.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.1
WSW	.0	.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.1
W	.0	1.4	.0	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.1
WNW	.0	.5	.0	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.3
NW	.0	2.4	.1	4.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	5.8
NNW	.0	1.8	.1	7.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.2	6.3
CALM	.4	23.9													.4	23.9	
TOTAL	.7	47.8	.7	49.0	.0	2.3	.0	.5	.0	.4	.0	.0	.0	.0	1.5	100	4.4

CEILING-VISIBILITY

WIND GRAPH



SAC SACRAMENTO, CA

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 4 / NIGHT

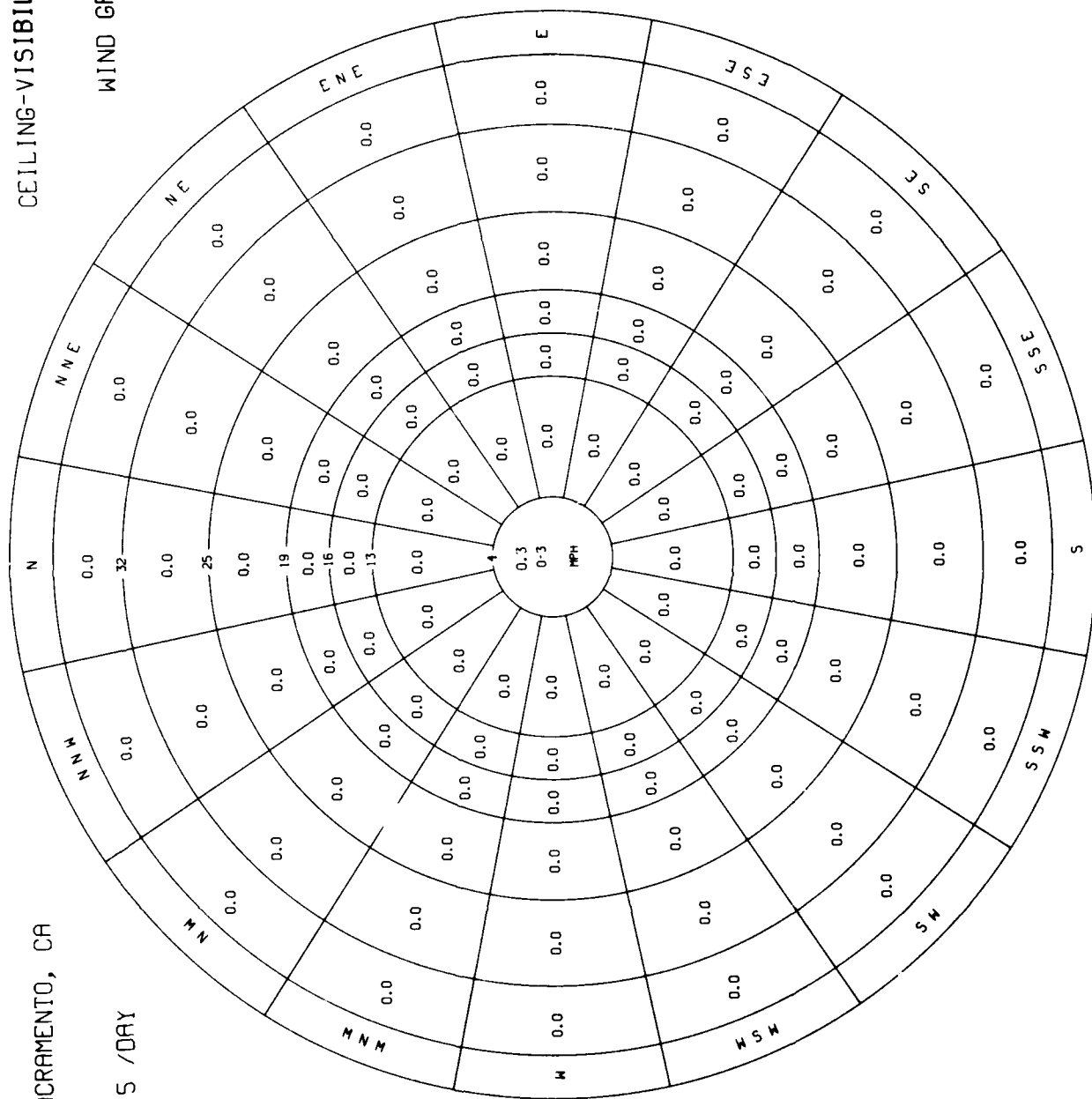
NO. OBS.: 515

STATION NUMBER: 23232

O 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	
N	.0	1.9	.1	5.4	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.1 8.3
NNE	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NNE	.0	1.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
ENE	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
E	.0	1.6	.0	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
ESE	.0	1.2	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
SE	.0	2.3	.1	9.1	.0	.8	.0	.2	.0	.2	.0	.0	.0	.0	.2 12.6
SSE	.0	1.9	.1	4.9	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.1 7.2
S	.0	2.5	.1	4.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1 7.4
SSW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SW	.0	1.7	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
WSW	.0	1.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
W	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
WNW	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
NW	.0	1.4	.1	7.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.5
NNW	.0	1.6	.1	7.2	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1 9.5
CALM	.3	20.8													.3 20.8
TOTAL	.6	43.3	.7	52.6	.0	2.3	.0	1.0	.0	.8	.0	.0	.0	.0	1.3 100

SAC SACRAMENTO, CA

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAC SACRAMENTO, CA

PERIOD: 1948-1978

CLASS 5 / DAY

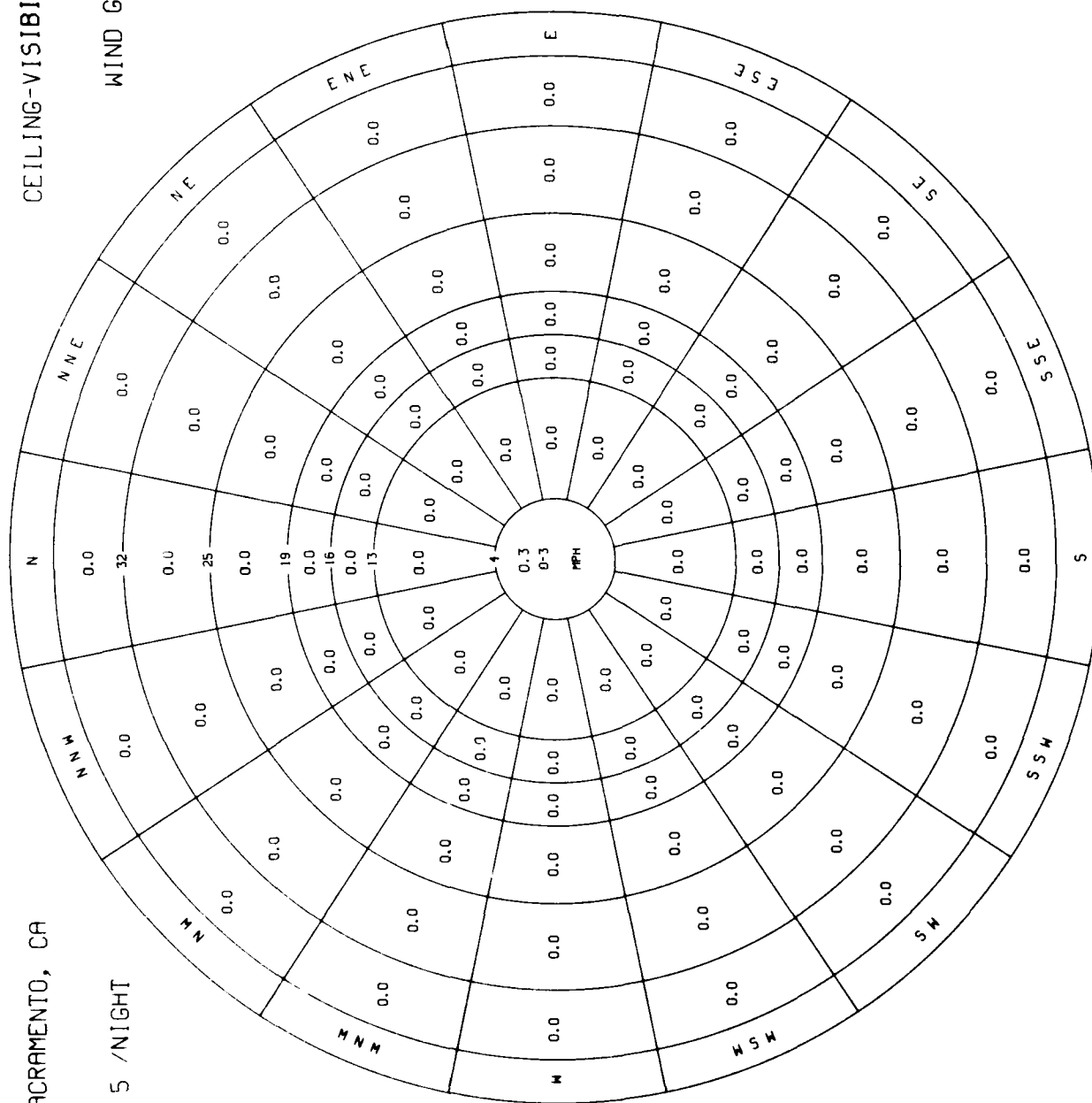
STATION NUMBER: 23232

NO. OBS.: 260

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	
N	.0	1.2	.0	2.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.2
NNE	.0	1.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
NE	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
ENE	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
E	.0	2.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
ESE	.0	1.5	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SE	.0	2.7	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2
SSE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
S	.0	4.2	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8
SSW	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
SW	.0	1.2	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
WSW	.0	1.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
W	.0	1.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
WNW	.0	1.2	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
NW	.0	4.2	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
NNW	.0	2.3	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
CALM	.1	22.7													22.7
TOTAL	.3	53.8	.2	45.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	5
															100
															3.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 5 / NIGHT

NO. OBS.: 250

STATION NUMBER: 23232

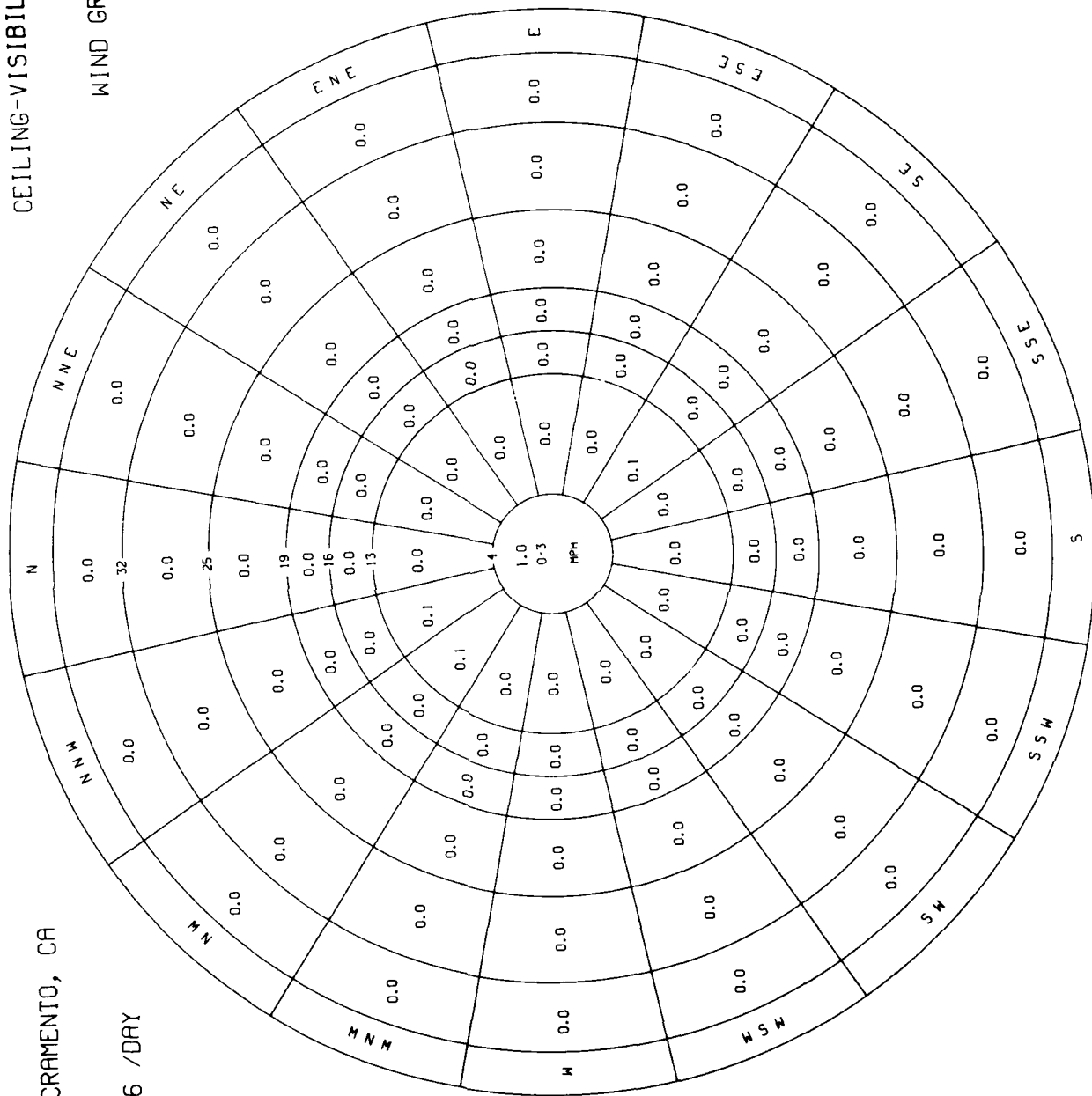
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.0	4.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	7.2
NNE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
NENE	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
ENE	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
E	.0	1.2	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
ESE	.0	1.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
SE	.0	4.8	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6
SSE	.0	3.6	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2
S	.0	2.8	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
SSW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
SW	.0	2.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
WSW	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
WNW	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
NW	.0	1.6	.0	7.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	9.2
NNW	.0	1.2	.0	5.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	6.8
CALM	.1	22.0													
TOTAL	.3	50.0	.3	48.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	22.0
															4.3

CEILING-VISIBILITY

WIND GRAPH

SAC SACRAMENTO, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 6 / DAY

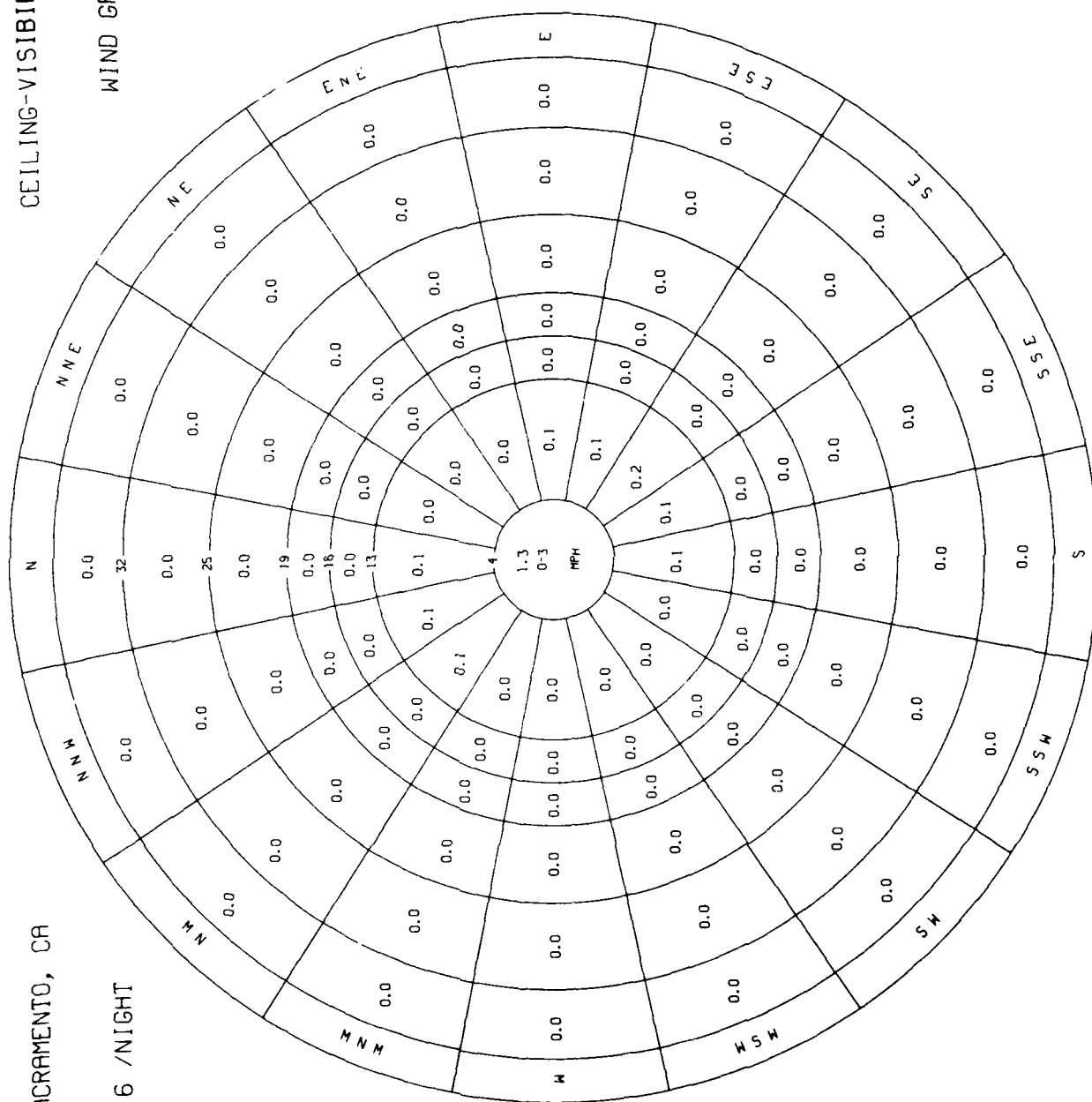
NO. OBS.: 785

STATION NUMBER: 23232

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	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	4.4
NNE	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.5
NE	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.6
ENE	.0	1.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.9
E	.0	2.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	4.3
ESE	.0	2.2	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	4.3
SE	.0	2.7	.1	4.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	5.1
SSE	.0	1.9	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	4.9
S	.0	3.2	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	4.3
SSW	.0	1.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	4.5
SW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.0
WSW	.0	1.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.9
W	.0	2.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	4.0
WNW	.0	1.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.2
NW	.0	3.1	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.4	4.9
NNW	.0	2.3	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	5.1
CALM	.5	31.0														.5	31.0	
TOTAL	1.0	63.6	.6	36.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	100	3.1

SAC SACRAMENTO, CA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAC SACRAMENTO, CA

CLASS 6 / NIGHT

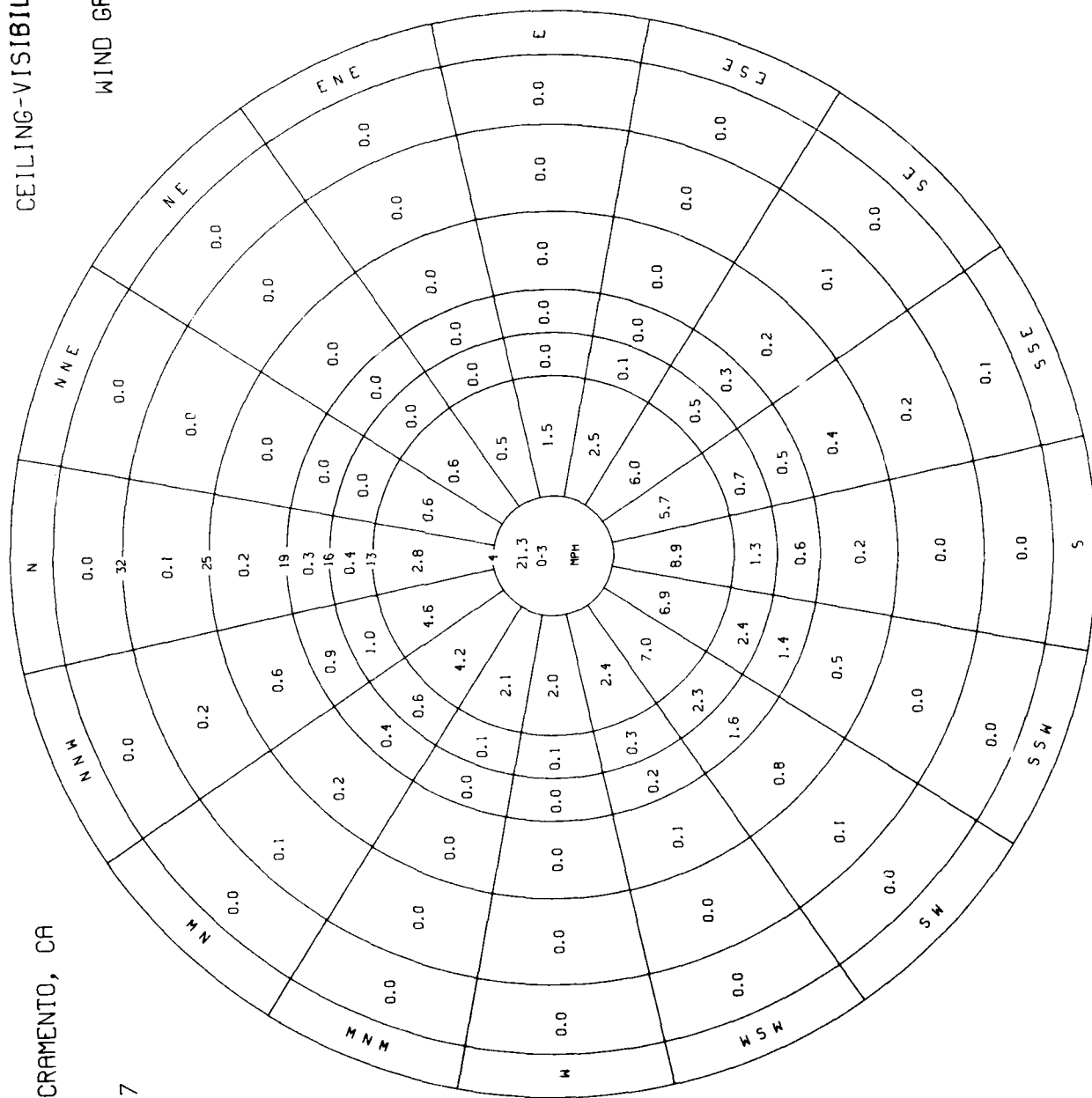
NO. OBS.: 903

STATION NUMBER: 23232

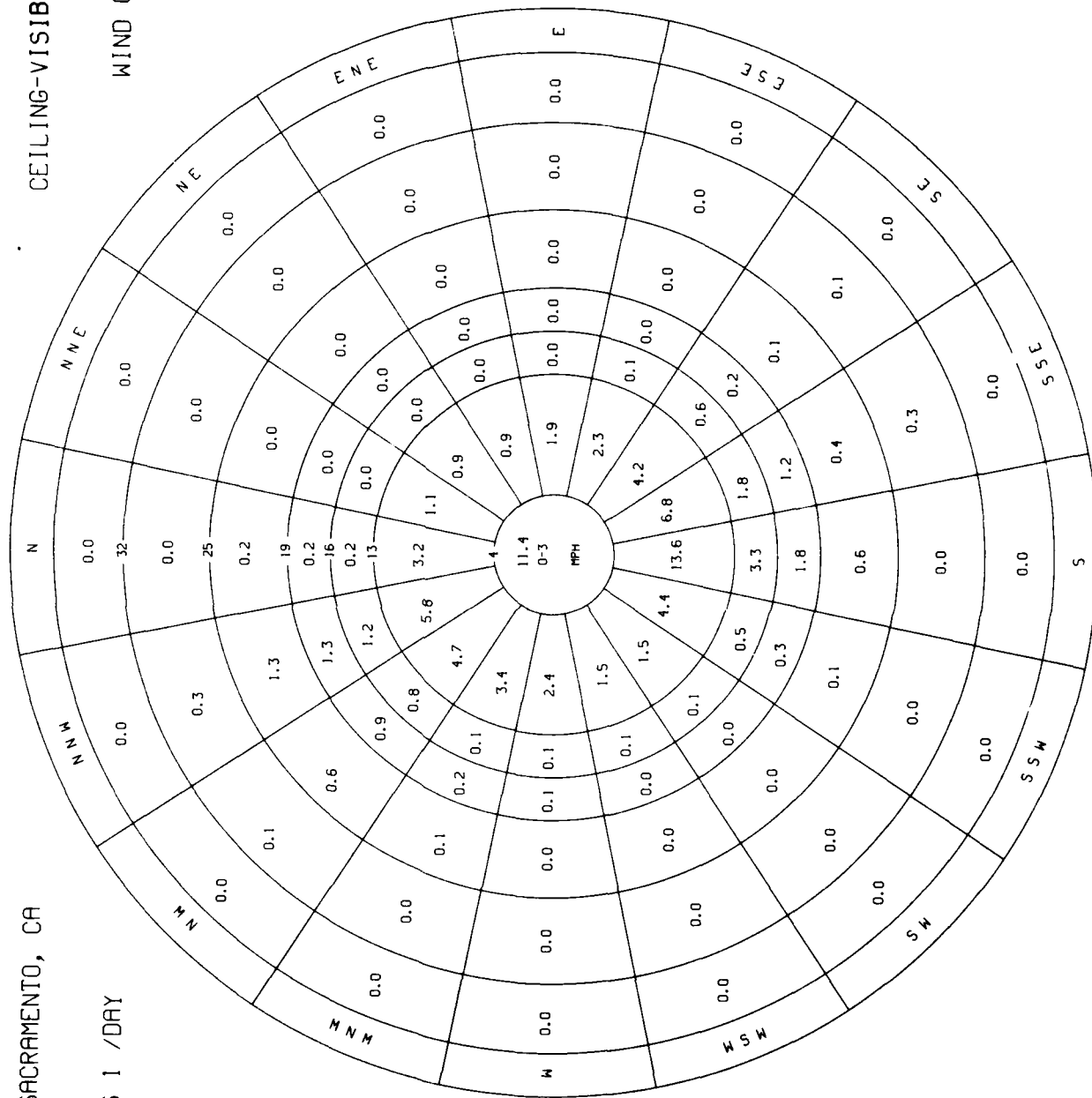
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.9	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	5.2
NNE	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.1
NE	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.8
ENE	.0	1.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.3
E	.0	2.2	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	4.4
ESE	.1	2.7	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0	5.0
SE	.1	5.8	.2	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	14.4	5.2
SSE	.0	2.1	.1	4.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	6.4	5.3
S	.1	3.1	.1	4.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.9	4.8
SSW	.0	.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.3
SW	.0	1.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.8
WSW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.2
W	.0	1.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.8
WNW	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.6
NW	.1	2.3	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	4.8
NNW	.0	1.6	.1	2.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	6.3
CALM	.7	31.3														.7	31.3	
TOTAL	1.3	59.5	.9	39.9	.0	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	2.2	100	3.4

SAC SACRAMENTO, CA

CLASS 7



SMF SACRAMENTO, CA
 CLASS 1 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1974-1978

STATION NAME: SMF SACRAMENTO, CA

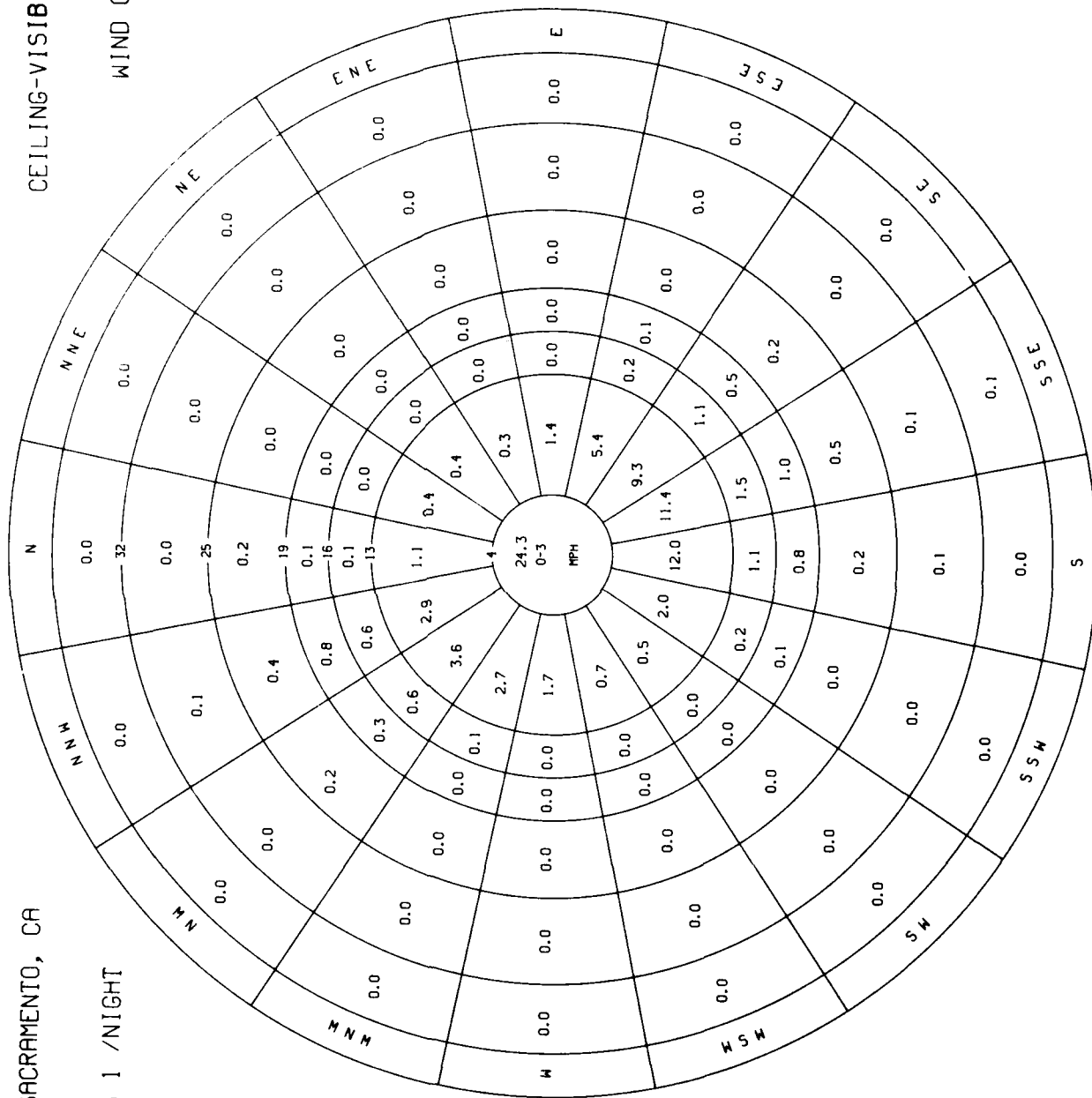
CLASS 1 / DAY

NO. OBS.: 7235

STATION NUMBER: 93225

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	
N	.1	.2	3.2	3.6	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	4.0 4.4
NNE	.0	.0	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.3
NE	.0	.1	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1
ENE	.1	.1	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1
E	.0	.1	1.9	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0 2.2
ESE	.0	.0	2.3	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5 2.8
SE	.1	.1	4.2	4.7	.6	.7	.2	.3	.1	.2	.1	.1	.0	.0	5.3 6.0
SSE	.1	.1	6.8	7.6	1.8	2.0	1.2	1.3	.4	.5	.3	.3	.0	.1	10.7 11.9
S	.1	.1	13.6	15.2	3.3	3.7	1.8	2.1	.6	.6	.0	.1	.0	.0	19.5 21.8
SSW	.0	.0	4.4	4.9	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	5.3 5.9
SW	.1	.1	1.5	1.6	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.7 1.9
WSW	.0	.1	1.5	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7 1.9
W	.1	.1	2.4	2.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.7 3.0
WNW	.1	.1	3.4	3.8	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	3.8 4.2
NW	.1	.1	4.7	5.2	.8	.8	.9	1.0	.6	.6	.1	.1	.0	.0	7.1 8.0
NNW	.1	.1	5.8	6.5	1.2	1.3	1.3	1.5	1.3	1.4	.3	.3	.0	.0	10.0 11.1
CALM	10.2	11.4													10.2 11.4
TOTAL	11.4	12.7	58.8	65.5	9.0	10.0	6.3	7.0	3.3	3.7	.8	.9	.1	.1	89.8 100

SMF SACRAMENTO, CA
 CLASS 1 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMF SACRAMENTO, CA

PERIOD: 1974-1978

CLASS 1 / NIGHT

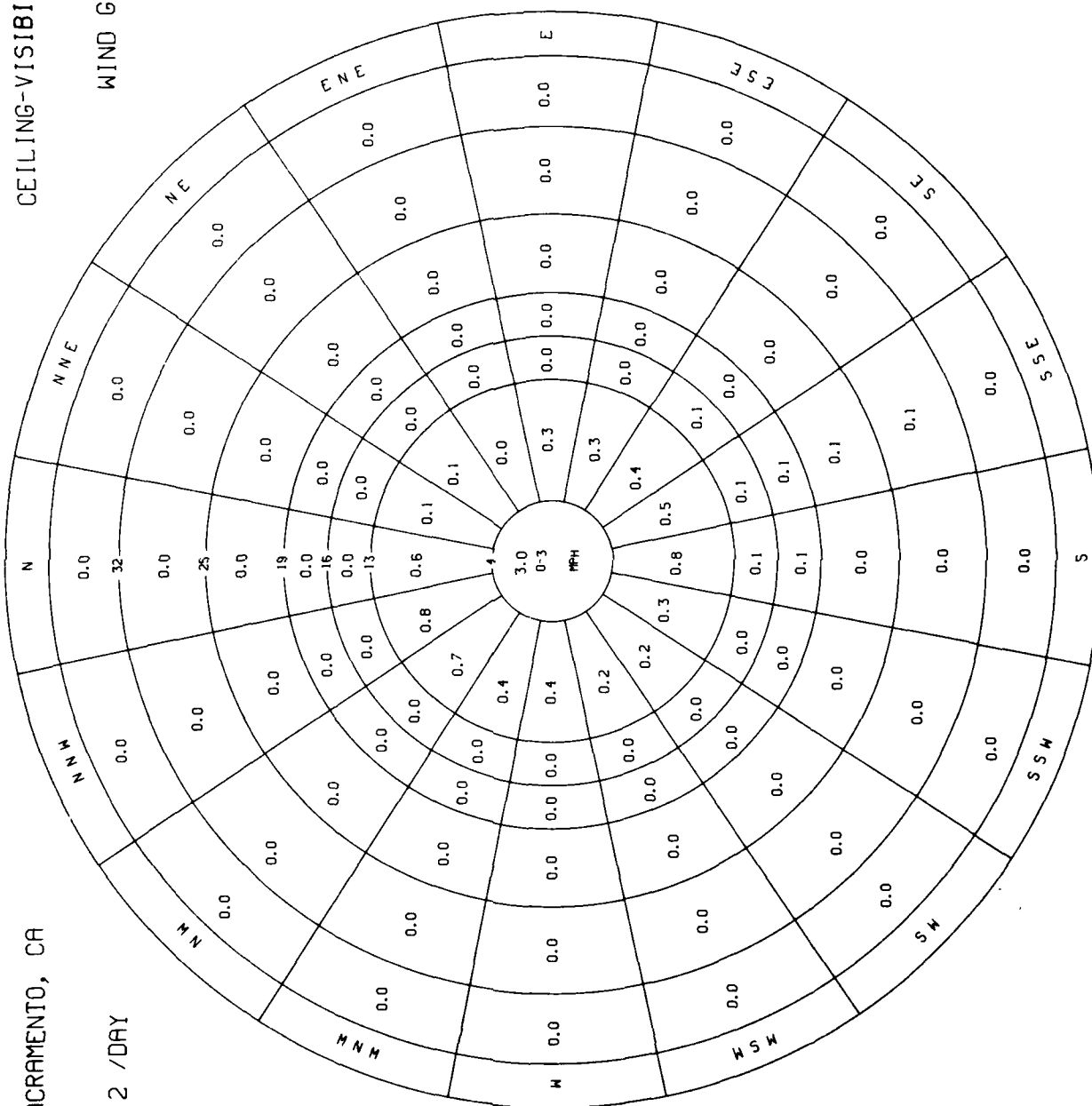
STATION NUMBER: 93225

NO. OBS.: 5974

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	1.1	1.3	.1	.1	.1	.1	.2	.2	.0	.0	.0	.0	.0	1.6	1.7	9.1
NNE	.0	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	7.1
NE	.0	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	5.4
ENE	.0	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	6.7
E	.0	.0	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	6.3
ESE	.0	.0	5.4	5.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.8	6.3	8.2
SE	.1	.1	9.3	10.1	1.1	1.2	.5	.5	.2	.2	.0	.0	.0	.0	.0	11.1	12.2	9.1
SSE	.0	.0	11.4	12.5	1.5	1.7	1.0	1.1	.5	.6	.1	.1	.1	.1	.1	14.8	16.2	10.6
S	.2	.2	12.0	13.1	1.1	1.2	.8	.8	.2	.3	.1	.1	.0	.0	.0	14.3	15.7	9.2
SSW	.1	.1	2.0	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.3	2.5	7.6
SW	.0	.0	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	6.5
WSW	.0	.0	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	6.5
W	.0	.0	1.7	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.9	6.4
WNW	.0	.0	2.7	2.9	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.9	3.2	7.6
NW	.0	.1	3.6	3.9	.6	.7	.3	.4	.2	.2	.0	.0	.0	.0	.0	4.7	5.2	9.9
NNW	.0	.0	2.9	3.1	.6	.7	.8	.8	.4	.4	.1	.1	.1	.0	.0	4.8	5.2	11.8
CALM	23.6	25.8														23.6	25.8	
TOTAL	24.3	26.5	55.6	60.8	5.7	6.2	3.7	4.1	1.7	1.8	.4	.4	.1	.1	.1	91.4	100	6.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1974-1978

STATION NAME: SMF SACRAMENTO, CA

CLASS 2 / DAY

NO. OBS.: 825

STATION NUMBER: 93225

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	
N	.0	.1	.6	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 5.9
NNE	.0	.0	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
NE	.0	.0	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
ENE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
E	.0	.0	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.5
ESE	.0	.2	.3	3.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.4 3.5
SE	.0	.2	.4	4.2	.1	1.3	.0	.5	.0	.2	.0	.1	.0	.0	.7 6.7
SSE	.0	.0	.5	5.1	.1	1.2	.1	1.5	.1	1.1	.1	.7	.0	.1	1.0 9.7
S	.0	.4	.8	7.8	.1	1.2	.1	1.2	.0	.2	.0	.2	.0	.0	1.1 11.0
SSW	.0	.1	.3	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.8
SW	.0	.0	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.6
WSW	.0	.0	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
W	.0	.2	.4	3.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.9
WNW	.0	.1	.4	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 4.1
NW	.0	.1	.7	7.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8 7.4
NNW	.0	.1	.8	7.8	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.8 8.1
CALM	2.8	27.6													2.8 27.6
TOTAL	3.0	29.3	6.2	60.2	.4	4.1	.3	3.4	.2	1.7	.1	1.1	.0	.1	10.2 100 6.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMF SACRAMENTO, CA

PERIOD: 1974-1978

CLASS 2 / NIGHT

STATION NUMBER: 93225

NO. OBS.: 559

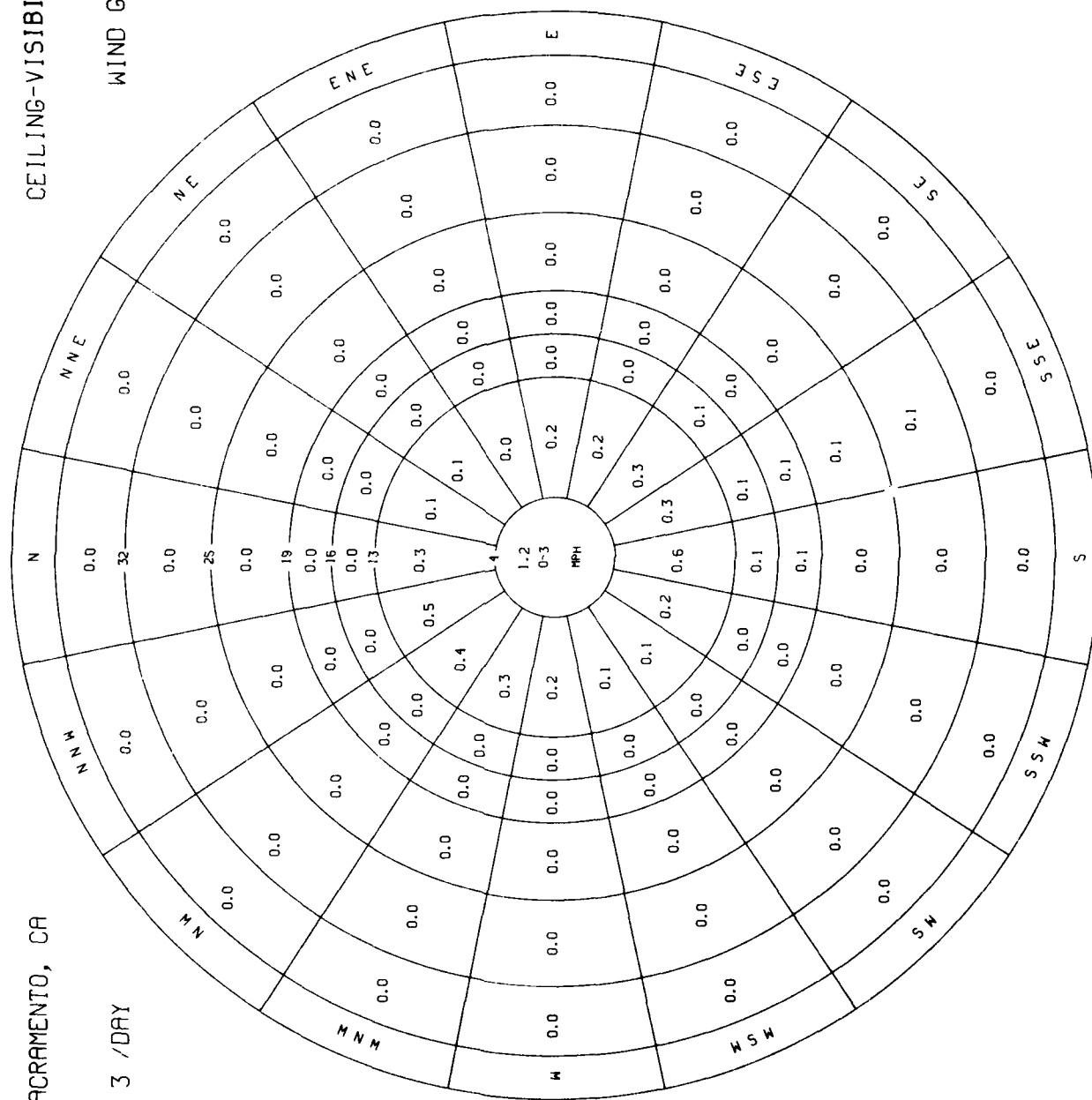
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.3	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
NNE	.0	.0	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
NE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
ENE	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
E	.0	.2	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
ESE	.0	.0	.3	3.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.3
SE	.0	.0	.5	6.1	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.6
SSE	.0	.0	.4	5.0	.1	1.1	.1	.7	.1	.7	.0	.2	.0	.2	.7
S	.0	.0	.7	8.2	.0	.4	.1	1.4	.0	.4	.0	.0	.0	.0	.9
SSW	.0	.0	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
SW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
WNW	.0	.0	.3	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
NW	.0	.0	.5	5.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5
NNW	.0	.0	.3	3.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3
CALM	3.9	45.6													3.9
TOTAL	4.0	46.3	4.0	46.9	.2	2.7	.2	2.3	.1	1.3	.0	.4	.0	.2	8.6
															100
															4.5

CEILING-VISIBILITY

WIND GRAPH

SMF SACRAMENTO, CA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1974-1978

STATION NAME: SMF SACRAMENTO, CA

CLASS 3 / DAY

NO. OBS.: 499

STATION NUMBER: 93225

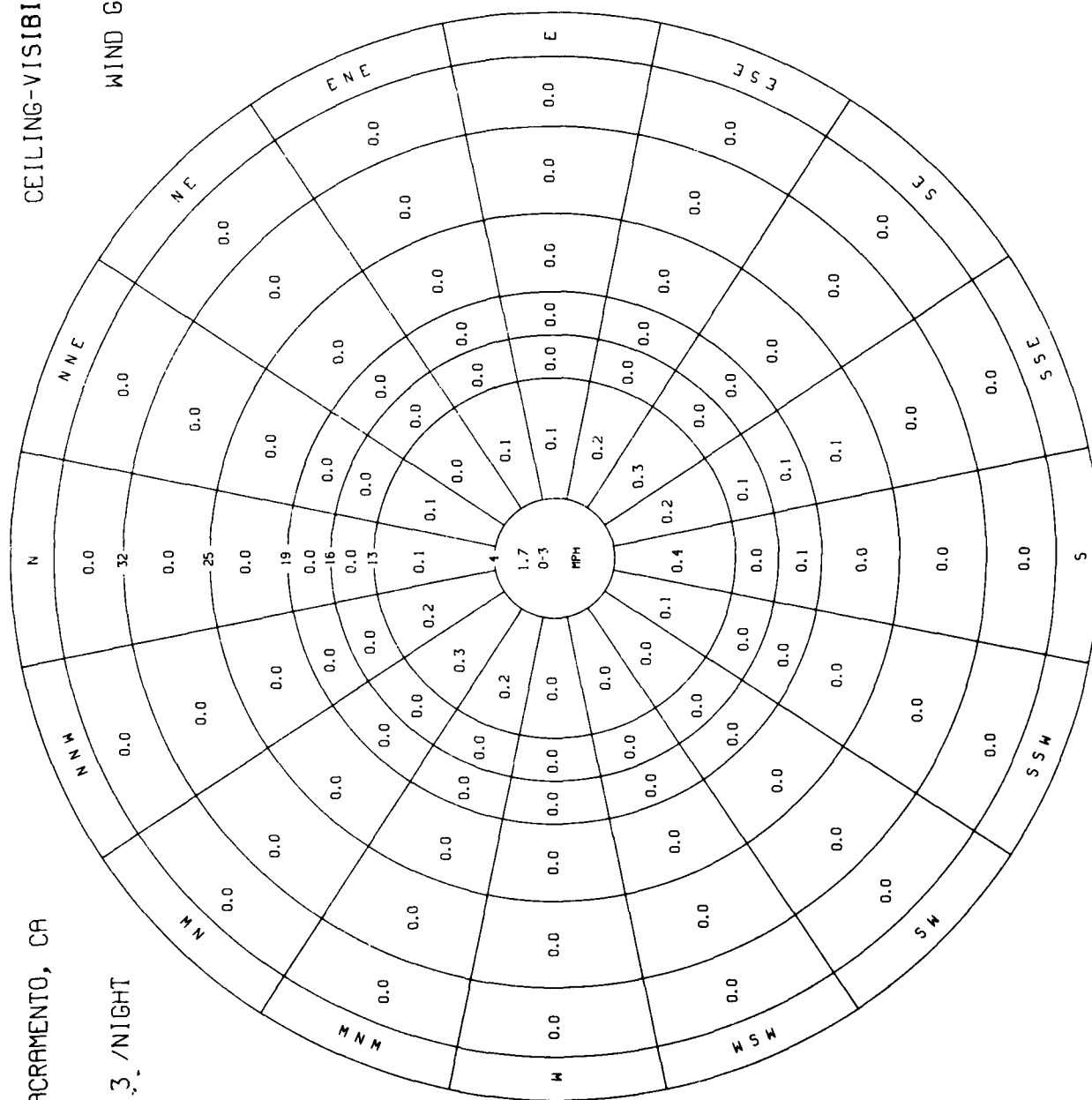
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.3	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.6
NNE	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
NE	.0	.0	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
ENE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
E	.0	.0	.2	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.6
ESE	.0	.0	.2	3.8	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.2 4.0
SE	.0	.2	.3	4.4	.1	2.0	.0	.8	.0	.4	.0	.2	.0	.0	.5 8.0
SSE	.0	.0	.3	5.4	.1	1.6	.1	2.2	.1	1.8	.1	1.2	.0	.2	.8 12.4
S	.0	.2	.6	9.2	.1	1.8	.1	2.0	.0	.4	.0	.4	.0	.0	.9 14.0
SSW	.0	.0	.2	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.0
SW	.0	.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
WSW	.0	.0	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
W	.0	.4	.2	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.0
WNW	.0	.2	.3	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.4
NW	.0	.0	.4	6.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4 7.0
NNW	.0	.0	.5	8.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.5 8.4
CALM	1.1	18.2													1.1 18.2
TOTAL	1.2	19.4	4.0	64.5	.4	5.8	.3	5.4	.2	2.8	.1	1.8	.0	.2	6.2 100
															7.5

SMF SACRAMENTO, CA

WIND GRAPH

CLASS 3 /NIGHT

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMF SACRAMENTO, CA

PERIOD: 1974-1978

CLASS 3 / NIGHT

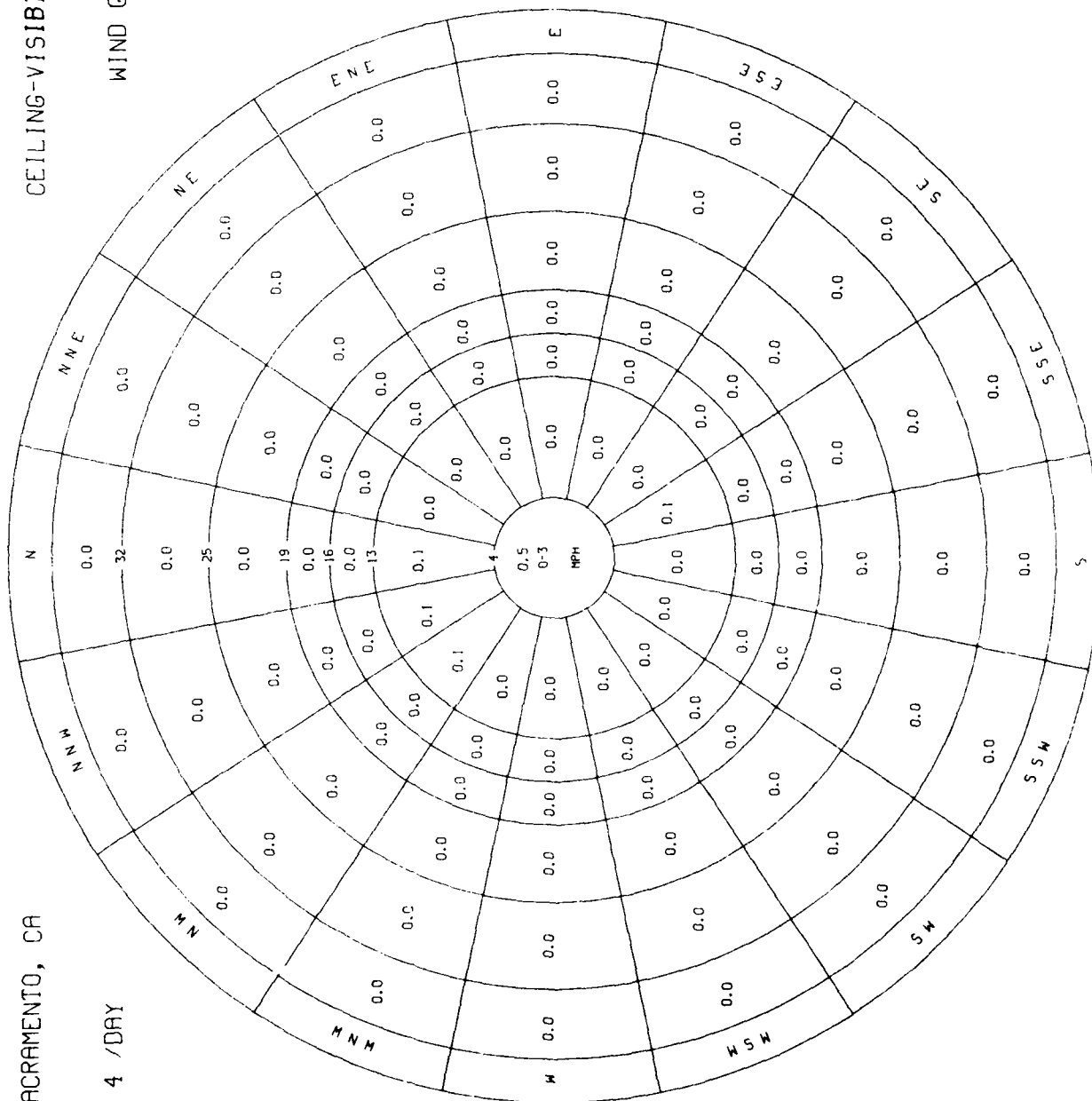
STATION NUMBER: 93225

NO. OBS.: 295

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	
N	.0	.3	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.4
NNE	.0	.0	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
NENE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
ENE	.0	.0	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
E	.0	.0	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
ESE	.0	.2	.2	3.7	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.2 4.7
SE	.0	.0	.3	7.5	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.4 9.2
SSE	.0	.0	.2	3.7	.1	1.7	.1	1.4	.1	1.4	.0	.3	.0	.3	.4 8.8
S	.0	.0	.4	7.8	.0	.7	.1	2.7	.0	.7	.0	.0	.0	.0	.5 11.9
SSW	.0	.0	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
SW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .3
WSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
WNW	.0	.0	.2	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.7
NW	.0	.0	.3	6.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3 6.4
NNW	.0	.0	.2	4.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.7
CALM	1.7	38.3													1.7 38.3
TOTAL	1.7	38.6	2.2	48.8	.2	4.7	.2	4.4	.1	2.4	.0	.7	.0	.3	4.5 100
															5.8

CEILING-VISIBILITY
WIND GRAPH

SMF SACRAMENTO, CA
CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMF SACRAMENTO, CA

PERIOD: 1974-1978

CLASS 4 / DAY

STATION NUMBER: 93225

NO. OBS.: 97

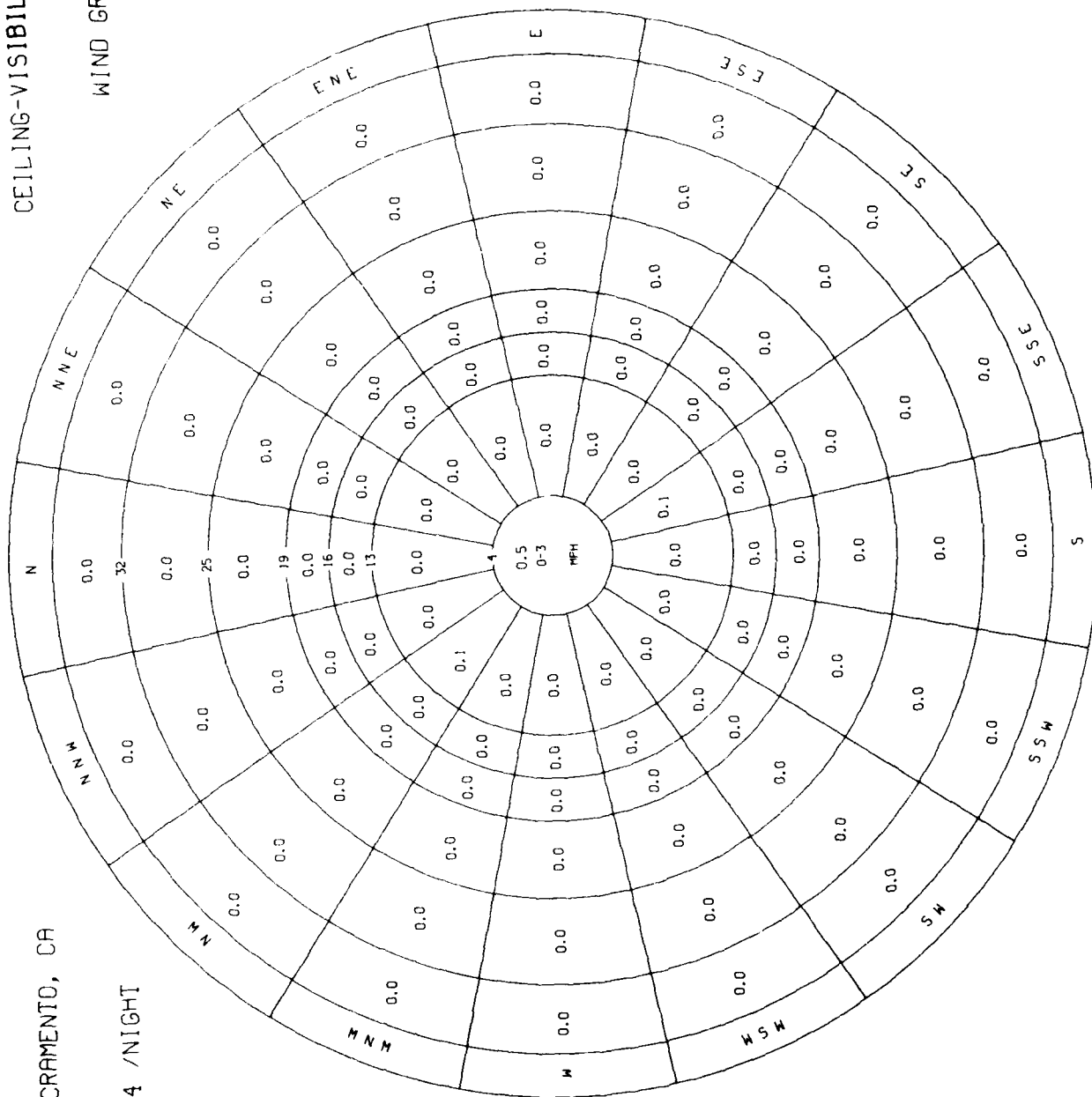
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED
	0-3			4-12			13-15			16-18			19-24			TOTAL
	A	B		A	B		A	B		A	B		A	B		
N	.0	.0		.1	6.2		.0	.0		.0	.0		.0	.0		.1 6.2
NNE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0 .0
NE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0 .0
ENE	.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.0 .0
E	.0	.0		.0	2.1		.0	.0		.0	.0		.0	.0		.0 .0
ESE	.0	.0		.0	2.1		.0	.0		.0	.0		.0	.0		.0 2.1
SE	.0	.0		.0	3.1		.0	1.0		.0	.0		.0	.0		.0 2.1
SSE	.0	.0		.1	5.2		.0	1.0		.0	1.0		.0	.0		.1 4.1
S	.0	.0		.0	3.1		.0	1.0		.0	.0		.0	.0		.1 7.2
SSW	.0	.0		.0	3.1		.0	.0		.0	.0		.0	.0		.0 4.1
SW	.0	.0		.0	1.0		.0	.0		.0	.0		.0	.0		.0 3.1
WSW	.0	.0		.0	4.1		.0	.0		.0	.0		.0	.0		.0 1.0
W	.0	.0		.0	3.1		.0	.0		.0	.0		.0	.0		.0 4.1
WNW	.0	.0		.0	3.1		.0	.0		.0	.0		.0	.0		.0 3.1
NW	.0	1.0		.1	10.3		.0	.0		.0	.0		.0	.0		.1 11.3
NNW	.0	1.0		.1	11.3		.0	.0		.0	.0		.0	.0		.1 12.4
CALM	.4	36.1														.4 36.1
TOTAL	.5	38.1		.7	57.7		.0	3.1		.0	1.0		.0	.0		1.2 100

CEILING-VISIBILITY

WIND GRAPH

SMF SACRAMENTO, CA

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMF SACRAMENTO, CA

PERIOD: 1974-1978

CLASS 4 / NIGHT

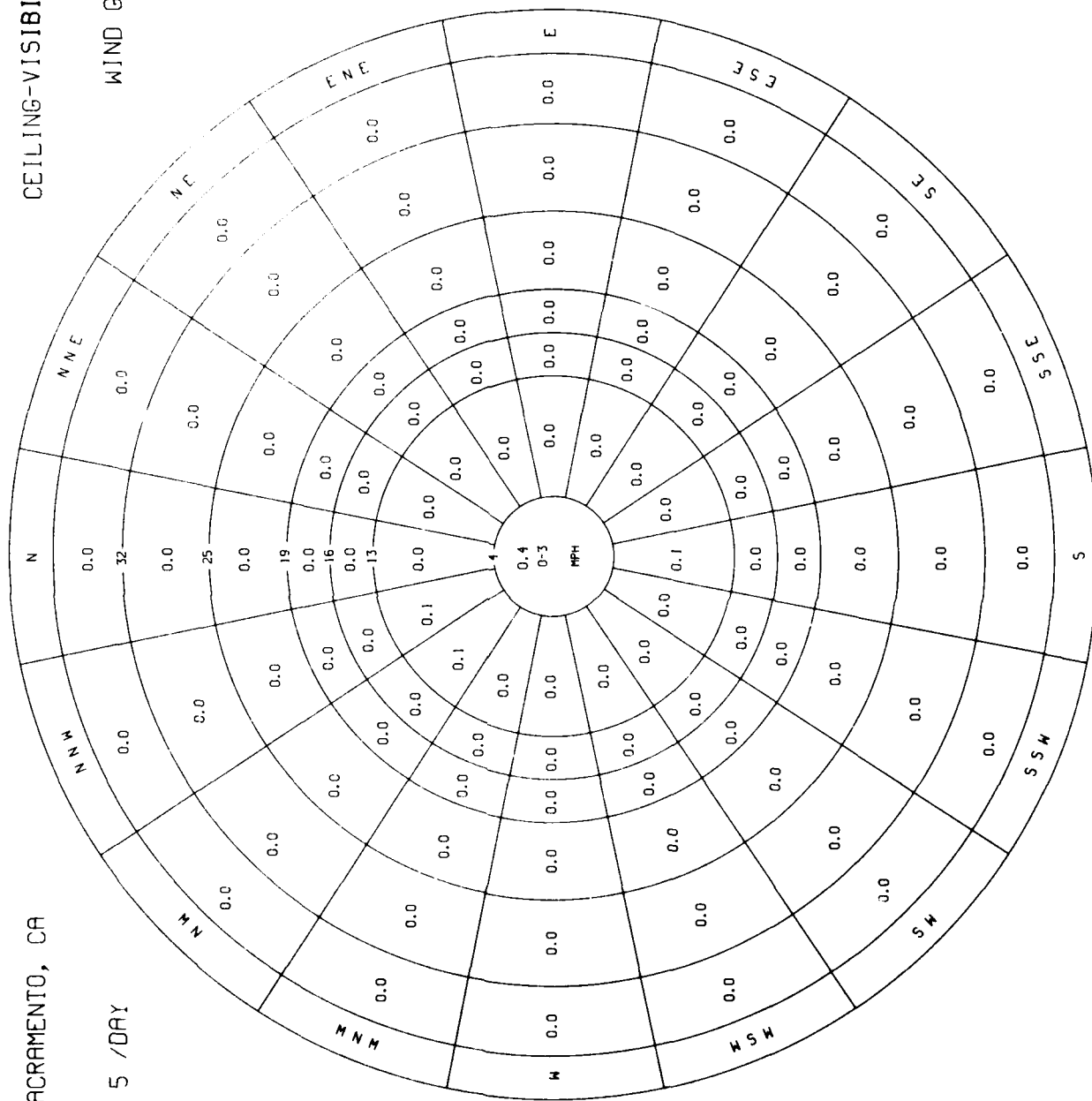
STATION NUMBER: 93225

NO. OBS.: 65

O 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	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	12.0
SE	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.0
SSE	.0	.0	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.7	9.2
S	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.0
SSW	.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
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	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.7
NW	.0	.0	.1	13.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.8	7.6
NNW	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	9.0
CALM	.5	53.8													.5	53.8	
TOTAL	.5	53.8	.5	46.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	100	3.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1974-1978

STATION NAME: SMF SACRAMENTO, CA

CLASS 5 / DAY

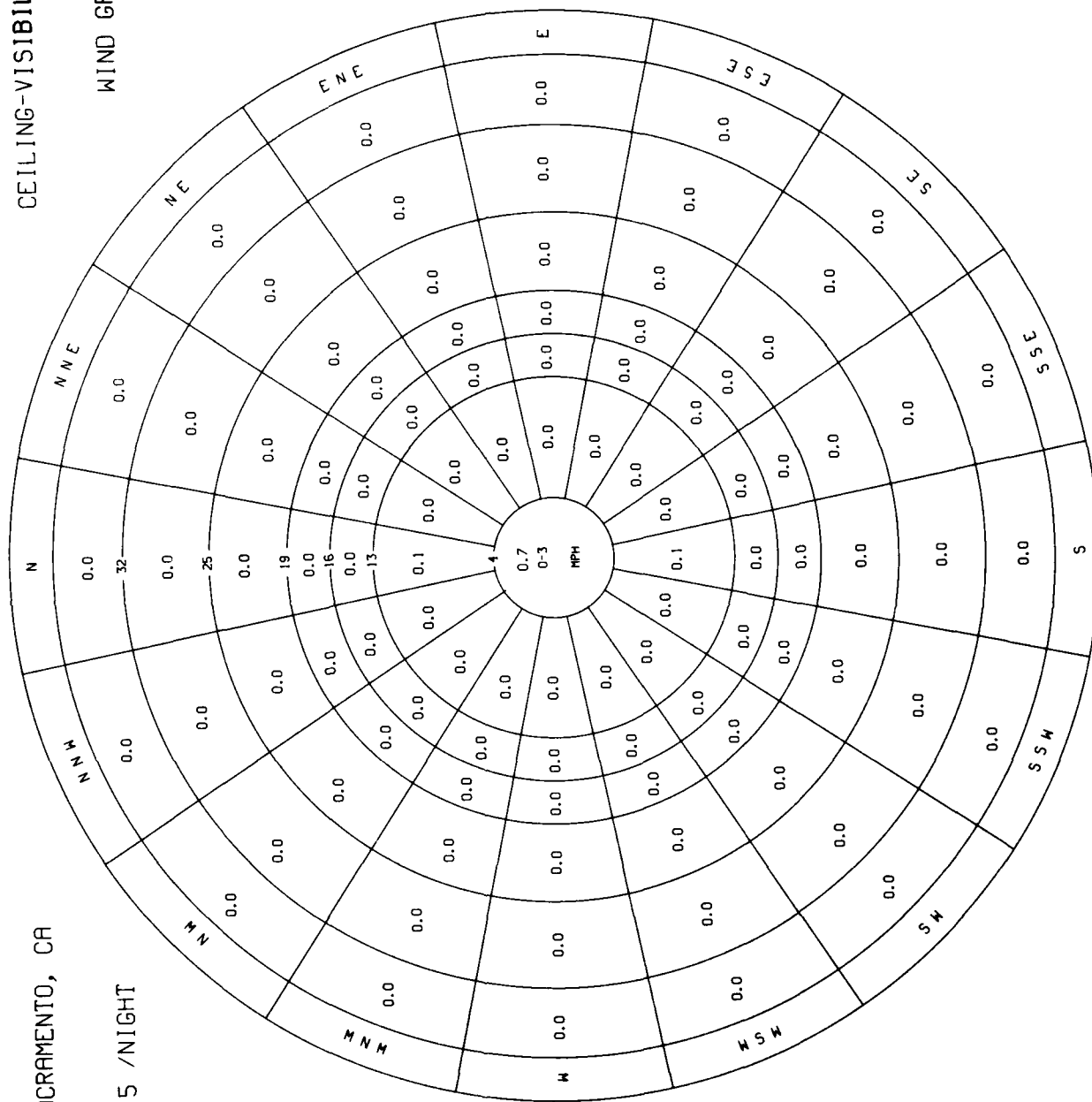
NO. OBS.: 3

STATION NUMBER: 93225

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
N	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.3
NNE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.0
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	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.3
ESE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.7
SE	.0	.0	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.7
SSE	.0	.0	.0	10.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	9.2
S	.0	.0	.1	10.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
SSW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.5
SW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
WSW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.0
W	.0	.0	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	11.0
WNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.0
NW	.0	.0	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	6.0
NNW	.0	.0	.1	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	6.6
CALM	.4	42.3														4	42.3
TOTAL	.4	42.3	.5	56.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0	100	4.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1974-1978

STATION NAME: SMF SACRAMENTO, CA

CLASS 5 / NIGHT

NO. OBS.: 68

STATION NUMBER: 93225

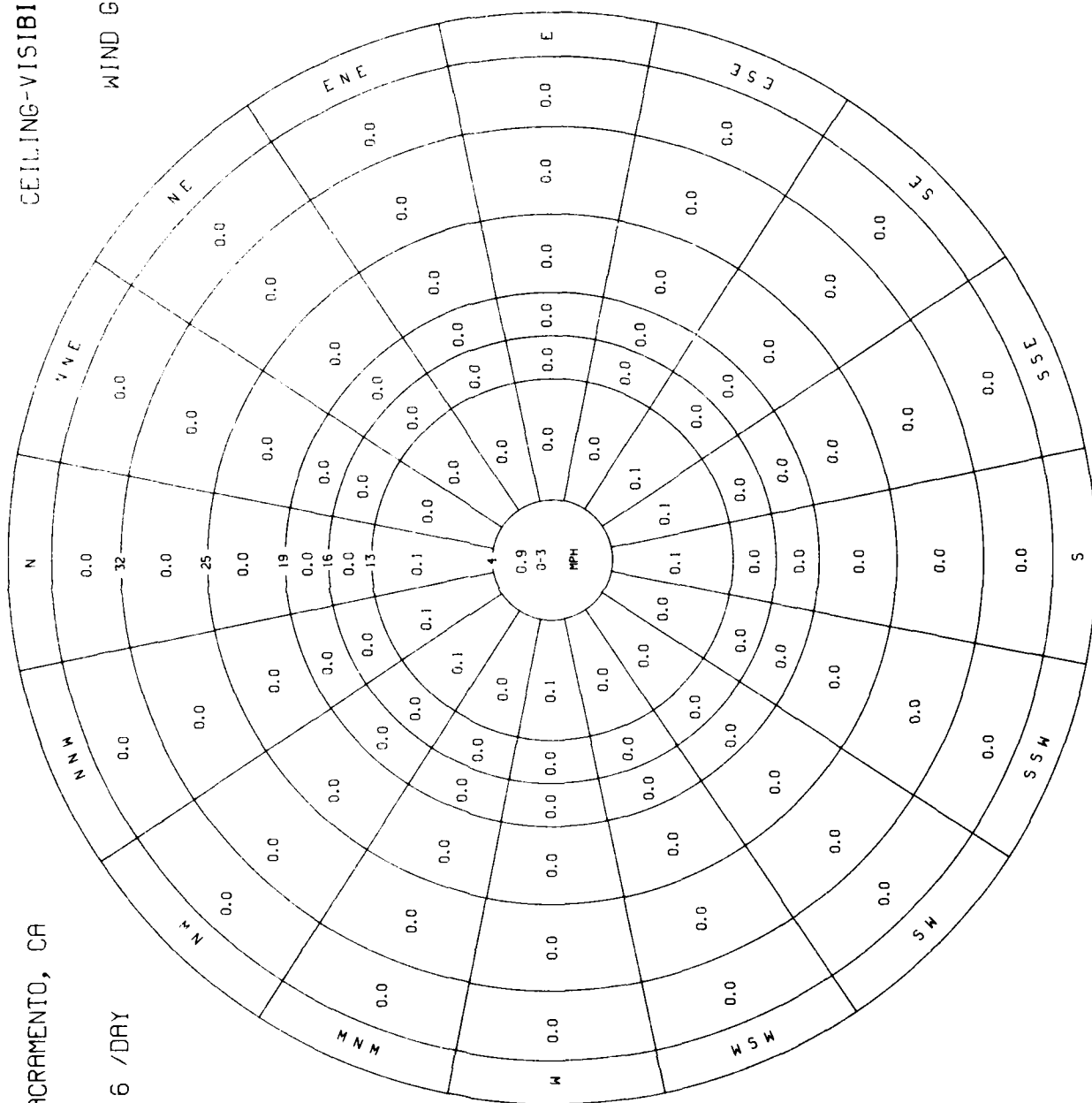
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.0	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	6.3
NNE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
NE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
ESE	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.7
S	.0	.0	.1	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	7.7
SSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
SW	.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
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.5
NW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.7	63.2													.7	63.2	
TOTAL	.7	64.7	.4	35.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	100	2.5

SMF SACRAMENTO, CA

CLASS 6 / DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1974-1978

STATION NAME: SMF SACRAMENTO, CA

CLASS 6 / DAY

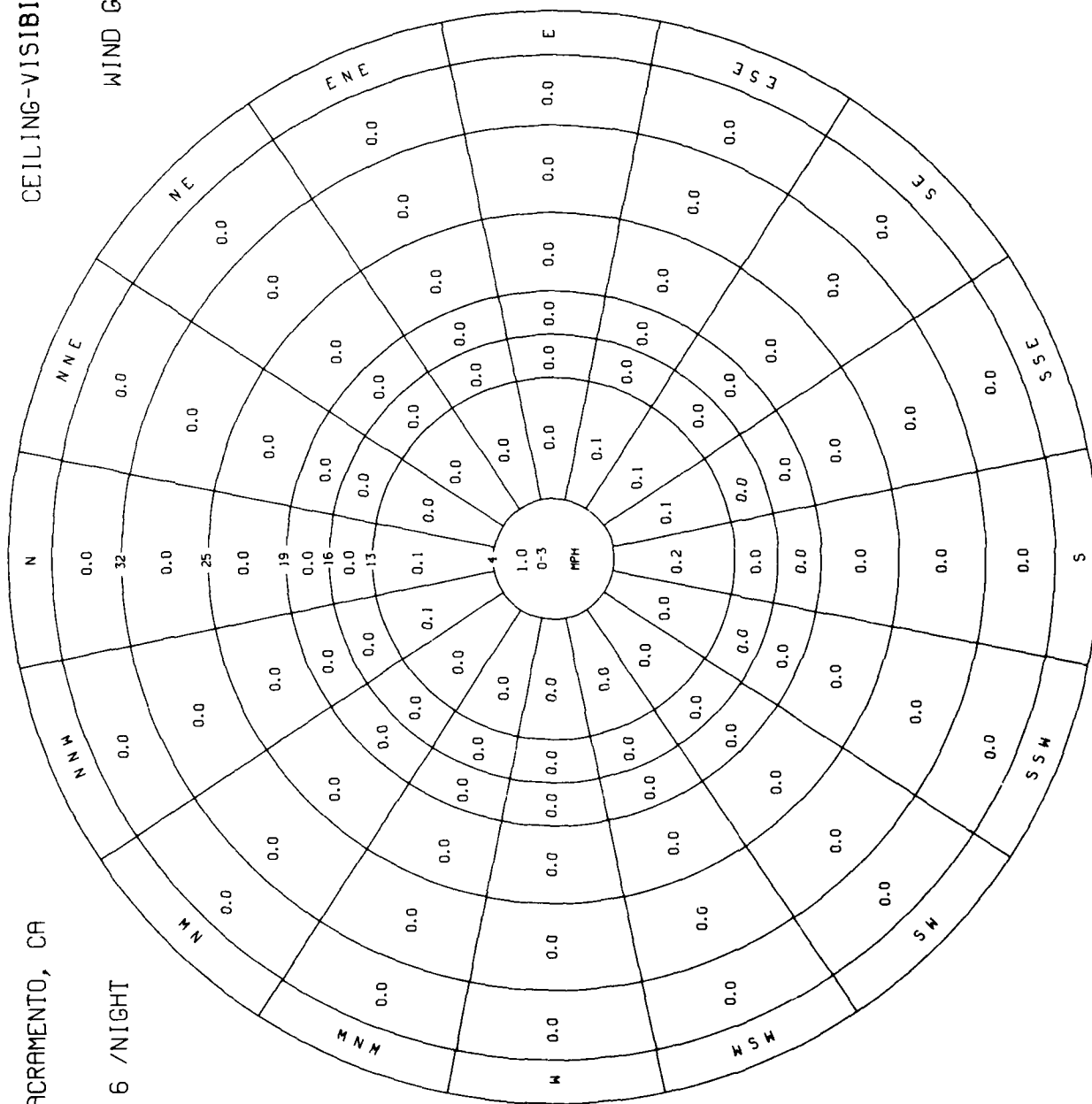
NO. OBS.: 151

STATION NUMBER: 93225

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	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	6.6
NNE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
NE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.3
ESE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.7
SE	.0	.7	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	6.4
SSE	.0	.0	.1	4.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	8.1
S	.0	1.3	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	6.3
SSW	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.7
SW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0
WSW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.5
W	.0	.0	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.6
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.7
NW	.0	.0	.1	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.7
NNW	.0	.0	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	6.1
CALM	.9	45.7													.9	45.7	
TOTAL	.9	49.7	.9	49.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.9	100	3.4

SMF SACRAMENTO, CA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMF SACRAMENTO, CA

PERIOD: 1974-1978

CLASS 6 / NIGHT

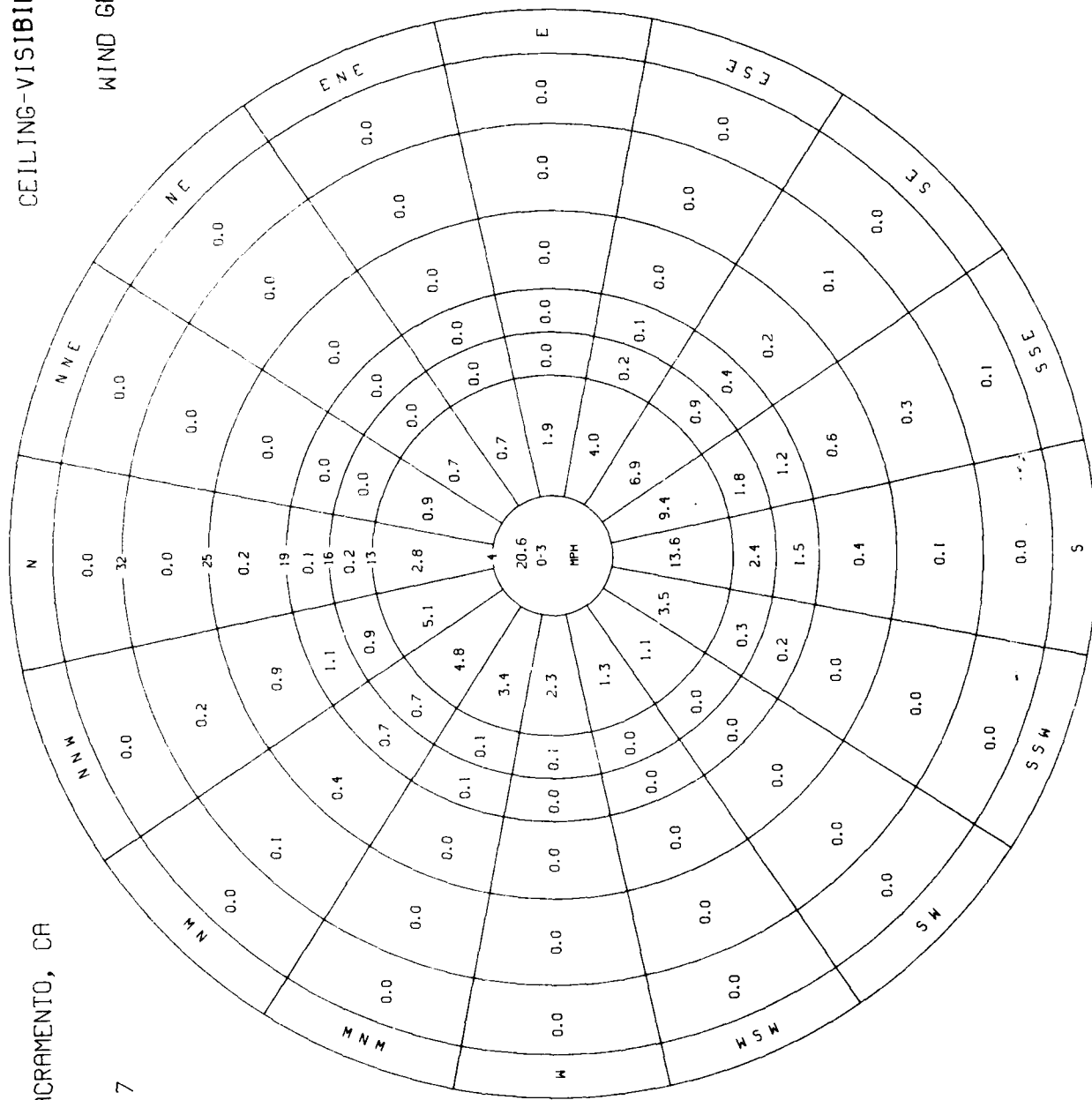
STATION NUMBER: 93225

NO. OBS.: 131

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	
N	.0	.8	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.1
NNE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ENE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
E	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
ESE	.0	.0	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
SE	.0	.0	.1	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.9
SSE	.0	.0	.1	6.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.6
S	.0	.0	.2	11.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 11.5
SSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
WSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
W	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
NW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
NNW	.0	.0	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
CALM	1.0	48.9													1.0 48.9
TOTAL	1.0	50.4	1.0	48.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.0 100
															3.3

CEILING-VISIBILITY

WIND GRAPH

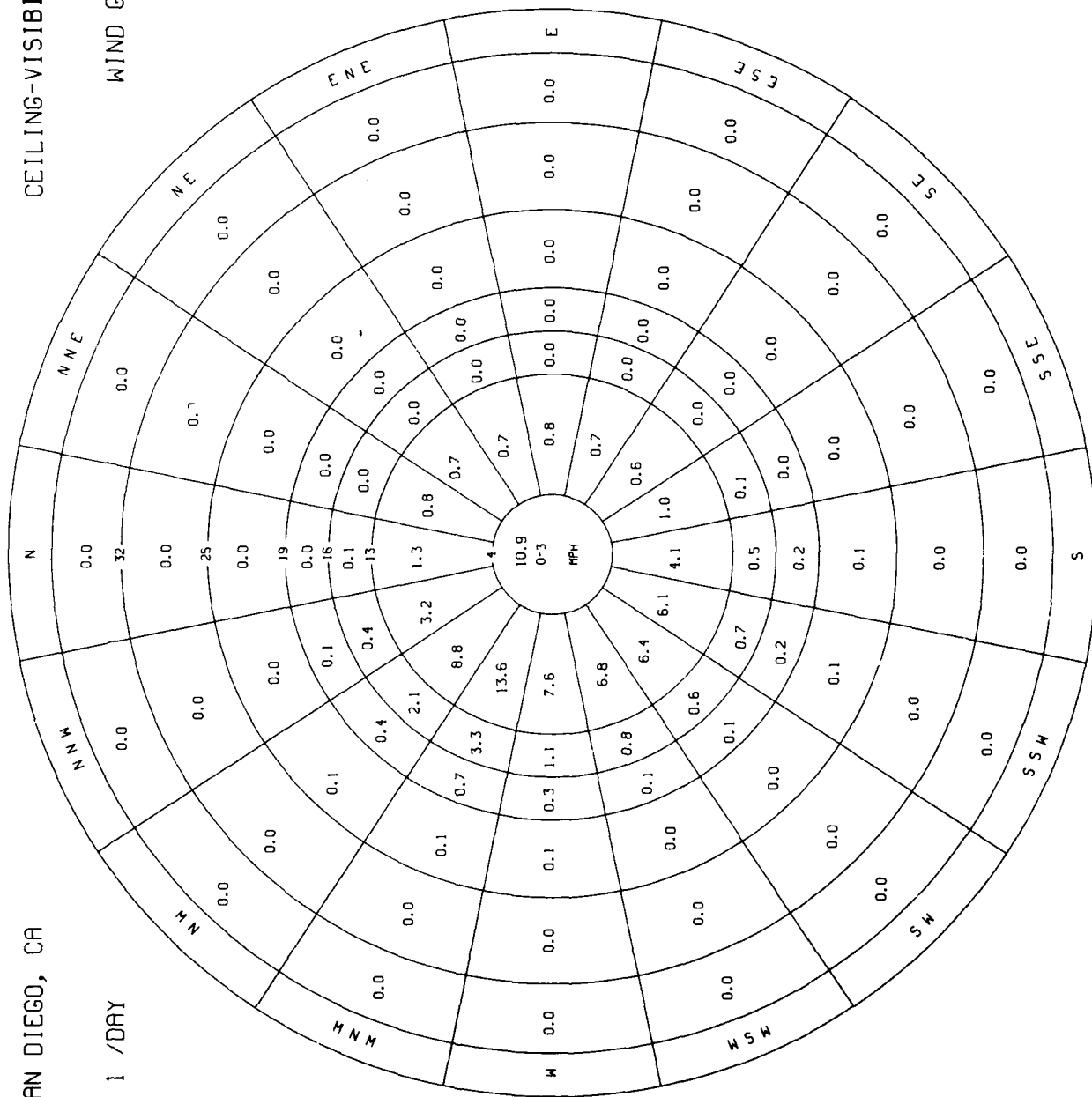


CEILING-VISIBILITY

WIND GRAPH

SAN SAN DIEGO, CA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAN SAN DIEGO, CA

CLASS 1 / DAY

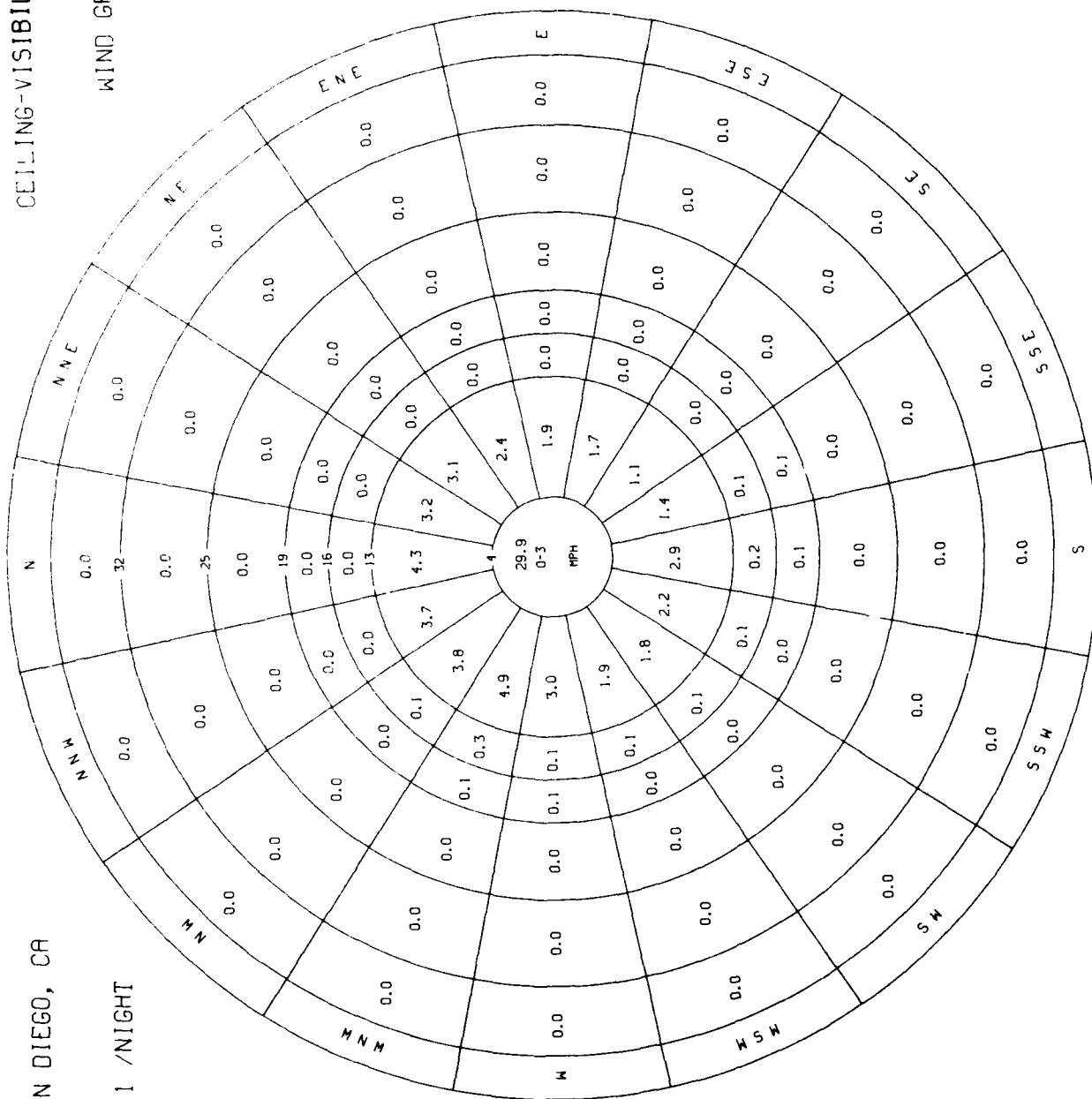
NO. OBS.: 41756

STATION NUMBER: 23188

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	.7	.8	1.3	1.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.4	5.7
NNE	.5	.6	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	5.3
NE	.6	.7	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	5.3
ENE	.6	.6	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	5.2
E	.6	.7	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	5.1
ESE	.3	.3	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	5.8
SE	.3	.4	.6	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	6.3
SSE	.2	.3	1.0	1.2	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	1.5	1.7	8.1
S	.5	.6	4.1	4.7	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	5.5	6.3	8.8
SSW	.6	.7	6.1	7.1	.7	.8	.2	.2	.1	.1	.0	.0	.0	.0	7.6	8.8	8.5
SW	.7	.8	6.4	7.3	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	7.8	8.9	8.3
WSW	.5	.6	6.8	7.9	.8	.9	.1	.1	.0	.0	.0	.0	.0	.0	8.3	9.6	8.8
W	.7	.8	7.6	8.8	1.1	1.3	.3	.3	.1	.1	.0	.0	.0	.0	9.7	11.2	9.0
WNW	.5	.5	13.6	15.7	3.3	3.8	.7	.9	.1	.1	.0	.0	.0	.0	18.2	21.0	10.0
NW	.5	.6	8.8	10.2	2.1	2.4	.4	.5	.1	.1	.0	.0	.0	.0	11.9	13.7	9.7
NNW	.5	.6	3.2	3.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.8	8.1
CALM	2.6	3.0													2.6	3.0	
TOTAL	10.9	12.6	63.4	73.1	9.7	11.2	2.2	2.5	.5	.6	.1	.1	.0	.0	86.8	100	8.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS : / NIGHT

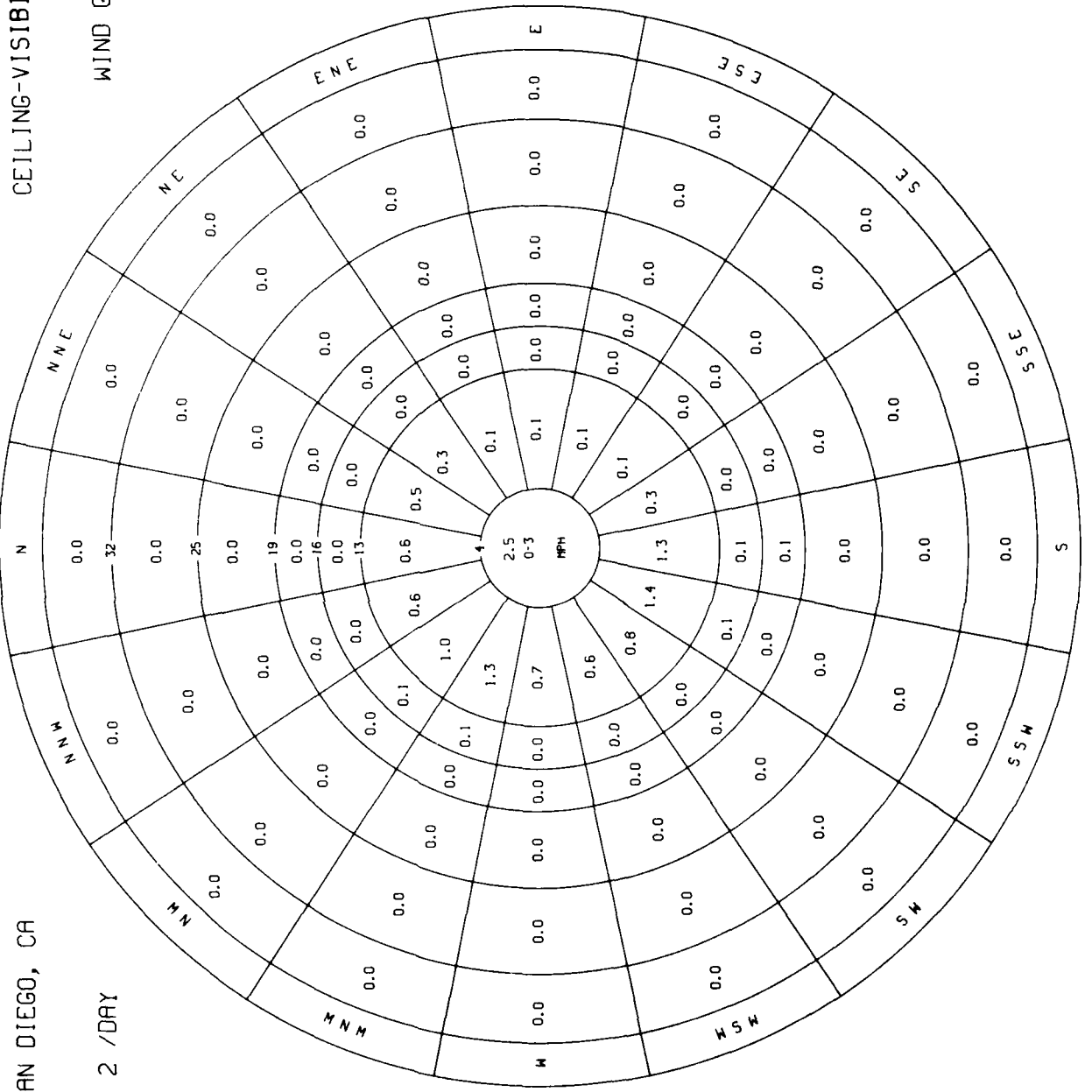
NO. OBS.: 31865

STATION NUMBER: 23188

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	4.5	4.3	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	10.3	4.6
NNE	2.5	3.3	3.2	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.6	4.6
NE	3.3	4.5	3.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.6	4.3
ENE	2.1	2.8	2.4	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.1	4.5
E	2.0	2.6	1.9	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.2	4.3
ESE	.8	1.1	1.7	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.4	5.5
SE	.7	.9	1.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.5	5.4
SSE	.4	.6	1.4	1.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.0	2.7	7.0
S	.6	.9	2.9	3.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.9	5.1	7.2
SSW	.4	.6	2.2	3.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.8	3.8	6.9
SW	.5	.7	1.8	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.2	6.5
WSW	.5	.7	1.9	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.3	6.6
W	.7	1.0	3.0	4.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.0	5.3	6.8
WNW	.8	1.1	4.9	6.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	6.1	8.2	7.1
NW	1.1	1.5	3.8	5.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.8	6.2
NNW	1.5	1.9	3.7	4.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.9	5.5
CALM	8.3	11.1														8.3	11.1	
TOTAL	29.9	39.8	43.3	57.7	1.3	1.7	.5	.6	.1	.2	.0	.0	.0	.0	.0	75.1	100	5.0

CEILING-VISIBILITY

WIND GRAPH



SAN SAN DIEGO, CA

CLASS 2 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 2 / DAY

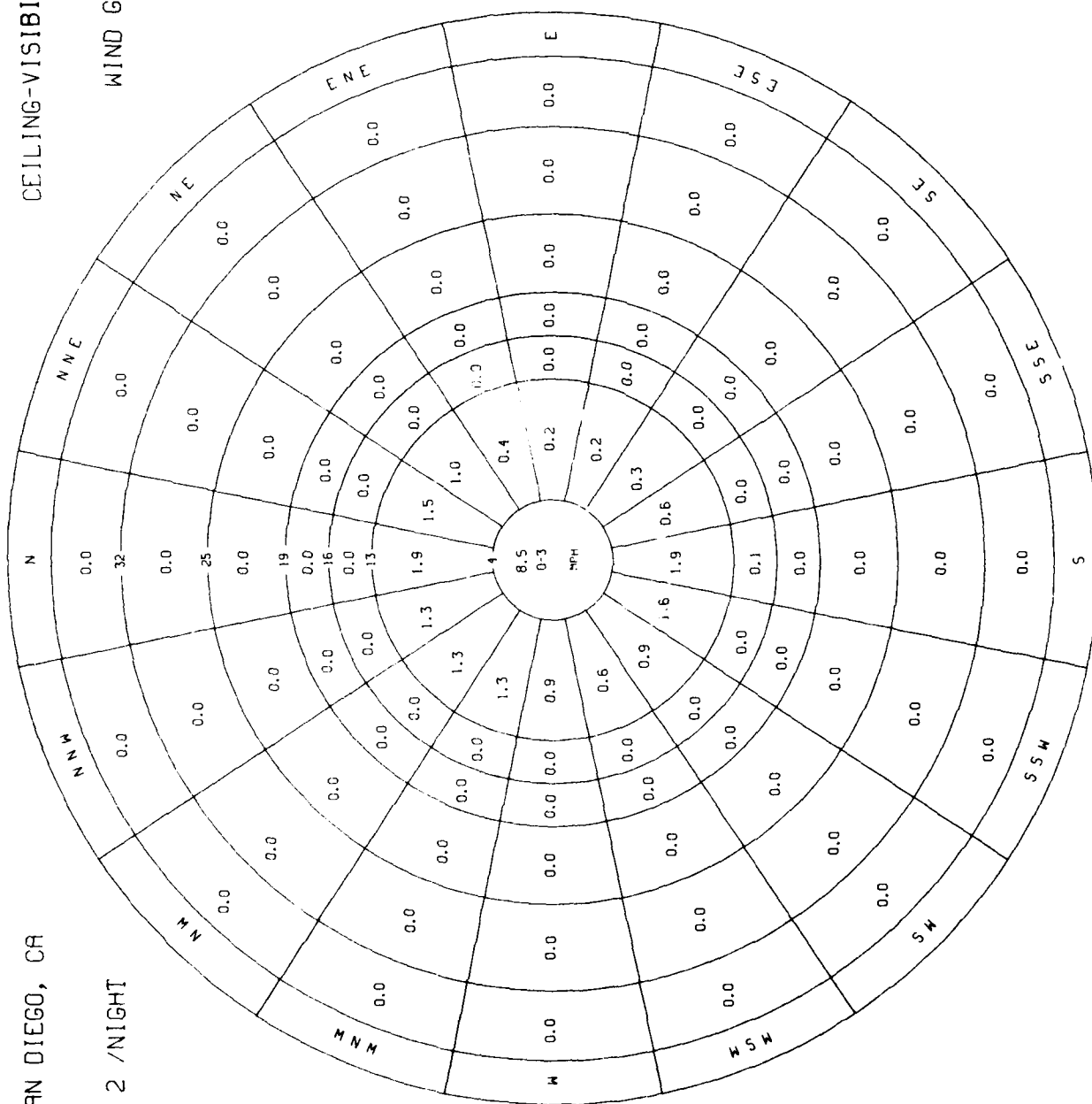
STATION NUMBER: 23188

NO. OBS.: 6376

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	2.0	.6	4.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.7	5.4
NNE	.2	1.3	.5	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.2	5.4
NE	.2	1.3	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.8	4.9
ENE	.1	.8	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	4.5
E	.1	.8	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	4.0
ESE	.0	.3	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.5
SE	.1	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	5.7
SSE	.1	.5	.3	2.2	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.4	3.2	8.9
S	.1	1.1	1.3	9.6	.1	.9	.1	.5	.0	.3	.0	.1	.0	.0	.0	1.6	12.4	8.6
SSW	.1	1.1	1.4	10.3	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.7	12.5	8.0
SW	.1	1.0	.8	6.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	7.2	6.9
WSW	.1	1.0	.6	4.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	6.0	6.9
W	.2	1.4	.7	5.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.0	7.3	6.9
WNW	.1	1.1	1.3	9.8	.1	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.6	12.1	8.1
NW	.2	1.4	1.0	7.2	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3	9.4	7.6
NNW	.2	1.3	.6	4.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.9	6.2
CALM	.3	2.4														.3	2.4	
TOTAL	2.5	19.1	9.8	74.3	.6	4.3	.2	1.3	.1	.7	.0	.2	.0	.0	.0	13.2	100	6.9

CEILING-VISIBILITY

WIND GRAPH



SAN SAN DIEGO, CA

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 23188

NO. OBS.: 10572

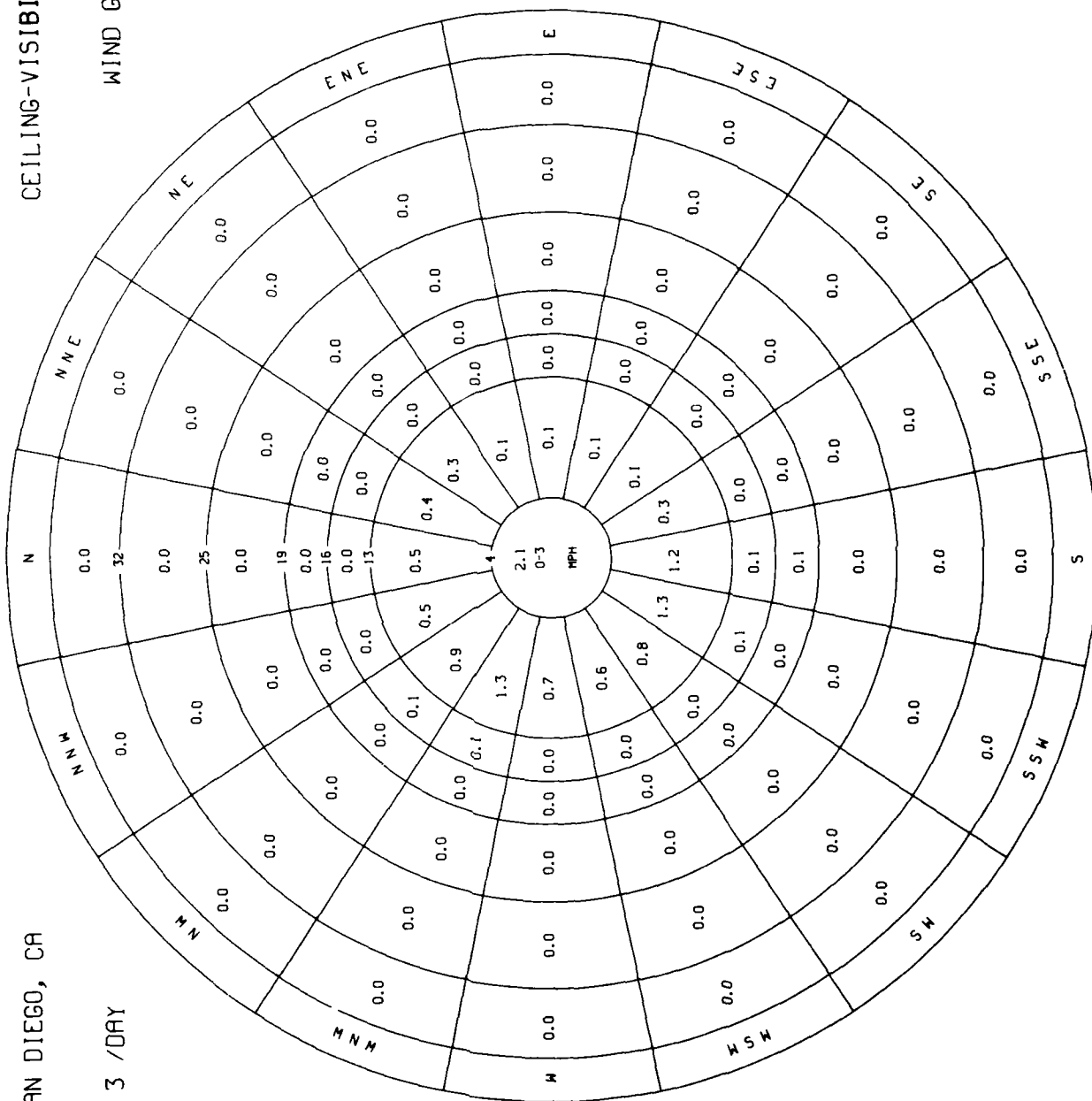
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	1.1	4.5	1.9	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	12.0	4.9
NNE	.8	3.0	1.5	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	9.0	5.0
NE	.8	3.4	1.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.5	4.1
ENE	.4	1.7	.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.5	4.3
E	.3	1.4	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.3	3.8
ESE	.2	.8	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.5	4.3
SE	.2	.8	.3	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.9	4.9
SSE	.2	.9	.6	2.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.9	3.8	7.0
S	.4	1.7	1.9	7.5	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	2.5	9.9	7.0
SSW	.3	1.4	1.6	6.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.0	8.2	6.4
SW	.3	1.3	.9	3.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.2	5.6
WSW	.3	1.2	.6	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.7	5.3
W	.3	1.4	.9	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.1	5.5
WNW	.4	1.5	1.3	5.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.8	5.8
NW	.5	2.1	1.3	5.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.4	5.6
NNW	.5	2.0	1.3	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.4	5.6
CALM	1.2	4.9														1.2	4.9	
TOTAL	8.5	33.9	16.0	64.3	.3	1.1	.1	.5	.1	.2	.0	.0	.0	.0	.0	24.9	100	5.2

CEILING-VISIBILITY

WIND GRAPH

SAN SAN DIEGO, CA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 3 / DAY

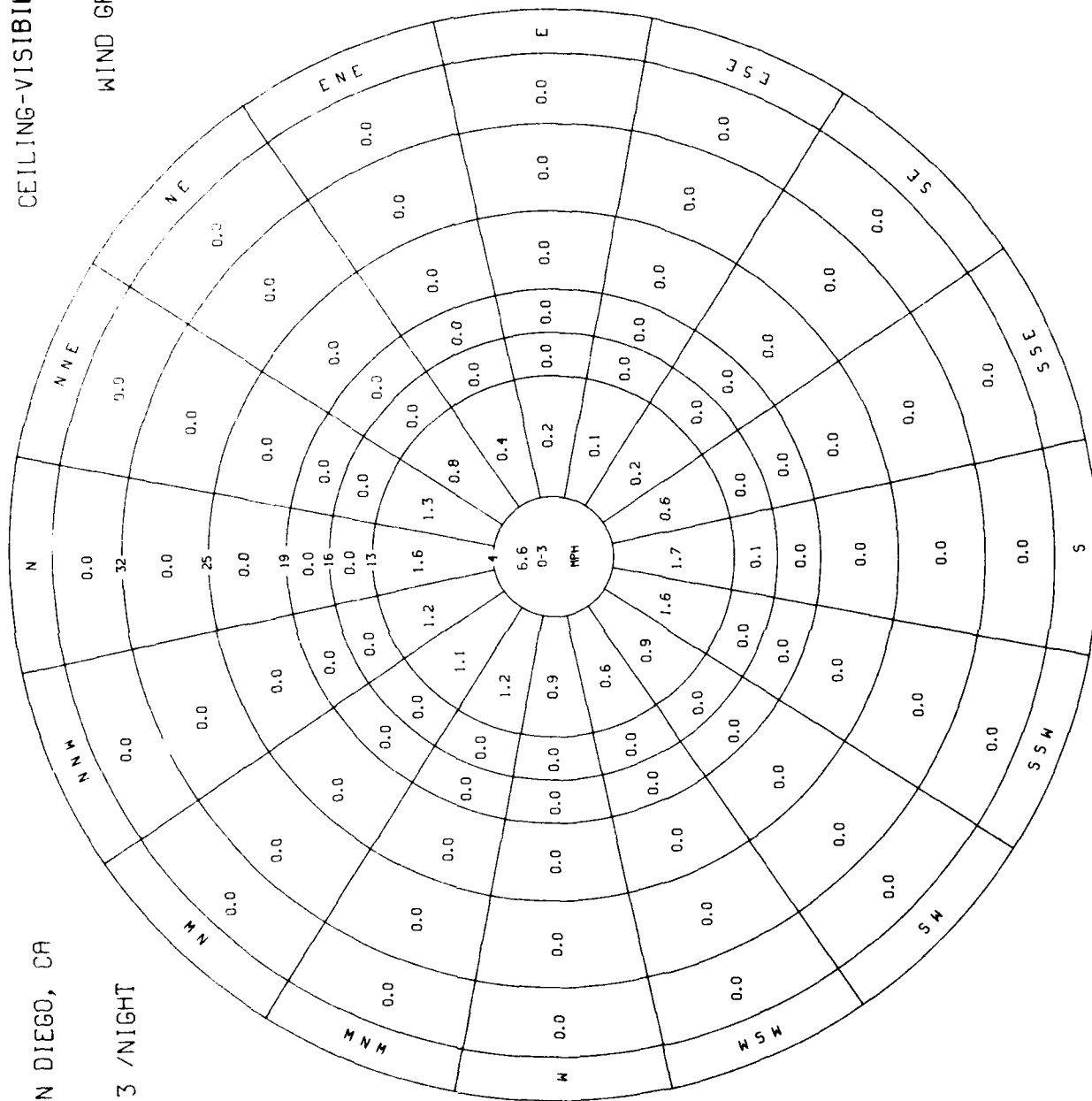
STATION NUMBER: 23188

NO. OBS.: 5865

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	1.6	.5	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0	5.5
NNE	.1	1.1	.4	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.6	5.6
NE	.1	1.2	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.4	5.0
ENE	.1	.7	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	4.6
E	.1	.8	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	4.1
ESE	.0	.2	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.7
SE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.1
SSE	.0	.4	.3	2.1	.0	.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.4	3.2	9.1
S	.1	1.0	1.2	9.8	.1	1.0	.1	.5	.0	.3	.0	.1	.0	.0	.0	1.5	12.6	8.8
SSW	.1	1.1	1.3	10.9	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.6	13.2	8.0
SW	.1	.9	.8	6.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	7.5	7.0
WSW	.1	1.0	.6	5.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	6.4	6.9
W	.2	1.3	.7	5.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	7.6	7.0
WNW	.1	1.1	1.3	10.4	.1	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.6	12.7	8.2
NW	.1	1.2	.9	7.4	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	9.5	7.8
NNW	.1	1.2	.5	4.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.8	6.3
CALM	.3	2.2														.3	2.2	
TOTAL	2.1	17.4	9.2	75.7	.6	4.6	.2	1.4	.1	.7	.0	.2	.0	.0	.0	12.2	100	7.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 23188

NO. OBS.: 9022

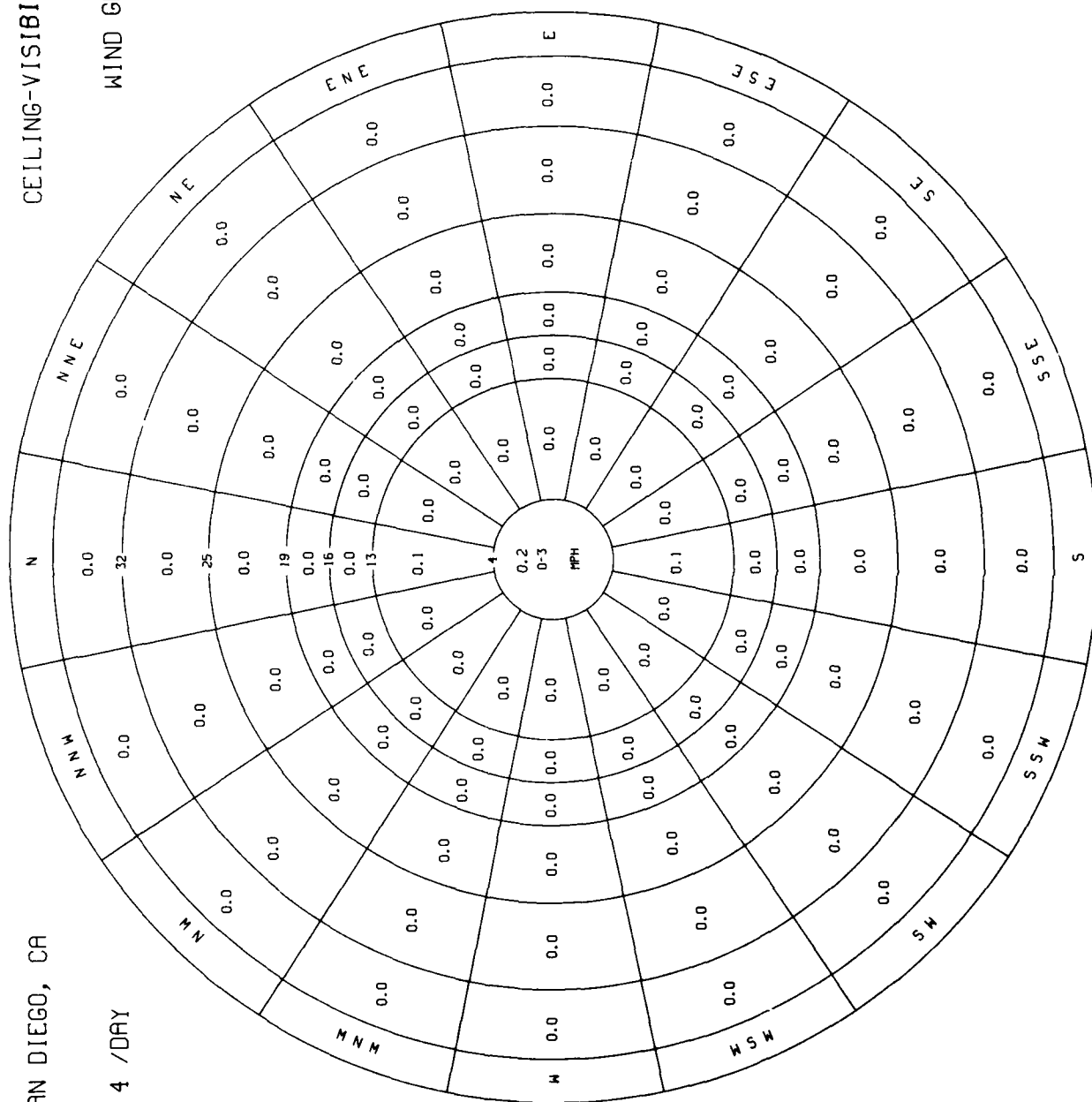
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.8	3.9	1.6	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4 11.4
NNE	.5	2.5	1.3	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8 8.4
NE	.6	3.0	.8	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 6.9
ENE	.3	1.6	.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 3.3
E	.3	1.3	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 2.2
ESE	.2	.7	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.4
SE	.2	.7	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 1.8
SSE	.2	.7	.6	2.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.8 3.8
S	.3	1.6	1.7	7.9	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	2.2 10.2
SSW	.3	1.4	1.6	7.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.9 9.0
SW	.3	1.3	.9	4.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.2 5.6
WSW	.3	1.3	.6	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9 4.1
W	.3	1.4	.9	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2 5.6
WNW	.3	1.6	1.2	5.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6 7.4
NW	.4	2.1	1.1	5.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6 7.4
NNW	.4	1.9	1.2	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6 7.5
CALM	.8	4.0													.8 4.0
TOTAL	6.6	31.0	14.3	67.0	.2	1.1	.1	.5	.1	.3	.0	.0	.0	.0	21.3 100
															5.4

CEILING-VISIBILITY

WIND GRAPH

SAN SAN DIEGO, CA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAN SAN DIEGO, CA

CLASS 4 / DAY

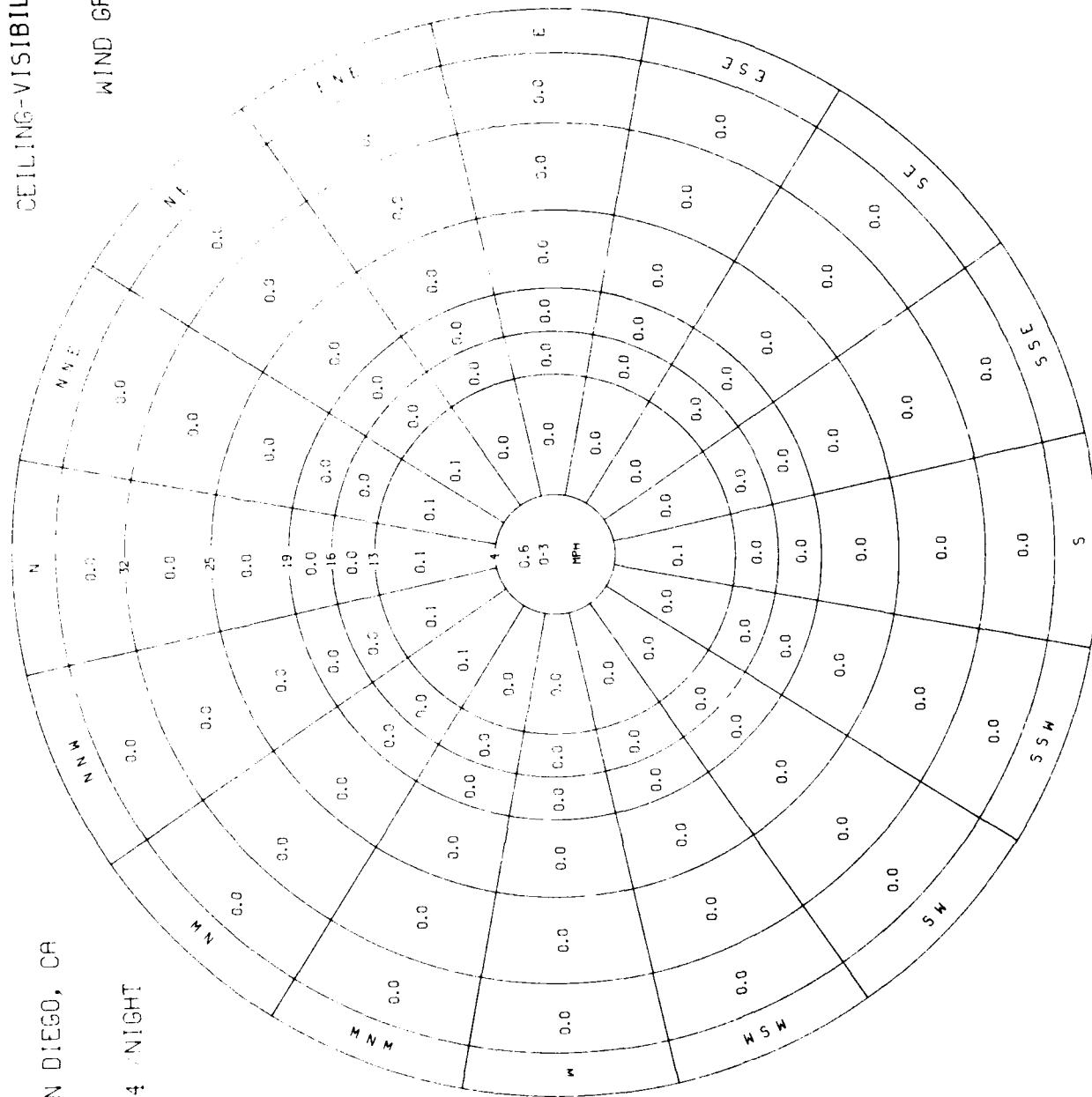
NO. OBS.: 303

STATION NUMBER: 23188

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	.1	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.2
NNE	.0	3.6	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.9
NE	.0	3.3	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6
ENE	.0	1.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
E	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
ESE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
SE	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
SSE	.0	1.0	.0	4.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
S	.0	2.3	.1	9.9	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.1	13.2
SSW	.0	.0	.0	4.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6
SW	.0	2.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
WSW	.0	1.0	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.0
W	.0	3.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
WNW	.0	.7	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
NW	.0	3.6	.0	5.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.6
NNW	.0	1.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
CALM	.0	3.6													.0	3.6
TOTAL	.2	34.0	.4	62.7	.0	2.6	.0	.7	.0	.0	.0	.0	.0	.0	.6	100
																5.4

CEILING-VISIBILITY

WIND GRAPH



SAN SAN DIEGO, CA

CLASS 4 NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 23188

NO. OBS.: 670

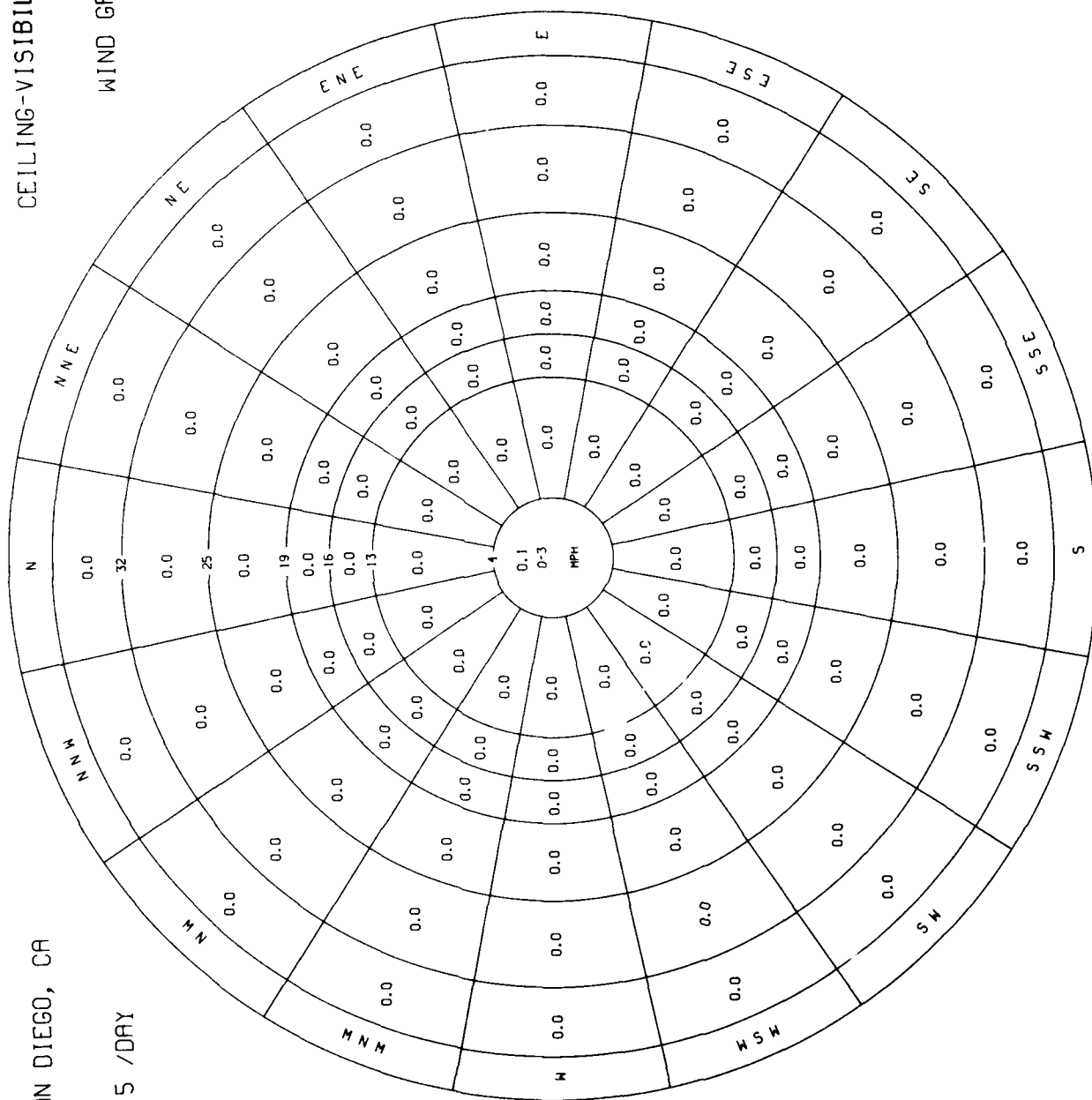
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	6.0	.1	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 14.6
NNE	.1	5.2	.1	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 11.5
NNE	.1	3.6	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.3
ENE	.0	.9	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
E	.0	1.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
ESE	.0	.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
SE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SSE	.0	1.5	.0	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.2
S	.0	1.6	.1	7.9	.0	.6	.0	.1	.0	.1	.0	.1	.0	.0	.2 10.6
SSW	.0	2.1	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
SW	.0	1.2	.0	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
WSW	.0	.4	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
W	.0	1.5	.0	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
WNW	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
NW	.0	2.2	.1	5.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.5
NNW	.0	1.2	.1	5.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.6
CALM	.1	7.2													.1 7.2
TOTAL	.6	40.0	.9	57.9	.0	1.5	.0	.3	.0	.1	.0	.1	.0	.0	1.6 100
															4.8

CEILING-VISIBILITY

WIND GRAPH

SAN SAN DIEGO, CA

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SAN SAN DIEGO, CA

CLASS 5 / DAY

NO. OBS.: 87

STATION NUMBER: 23188

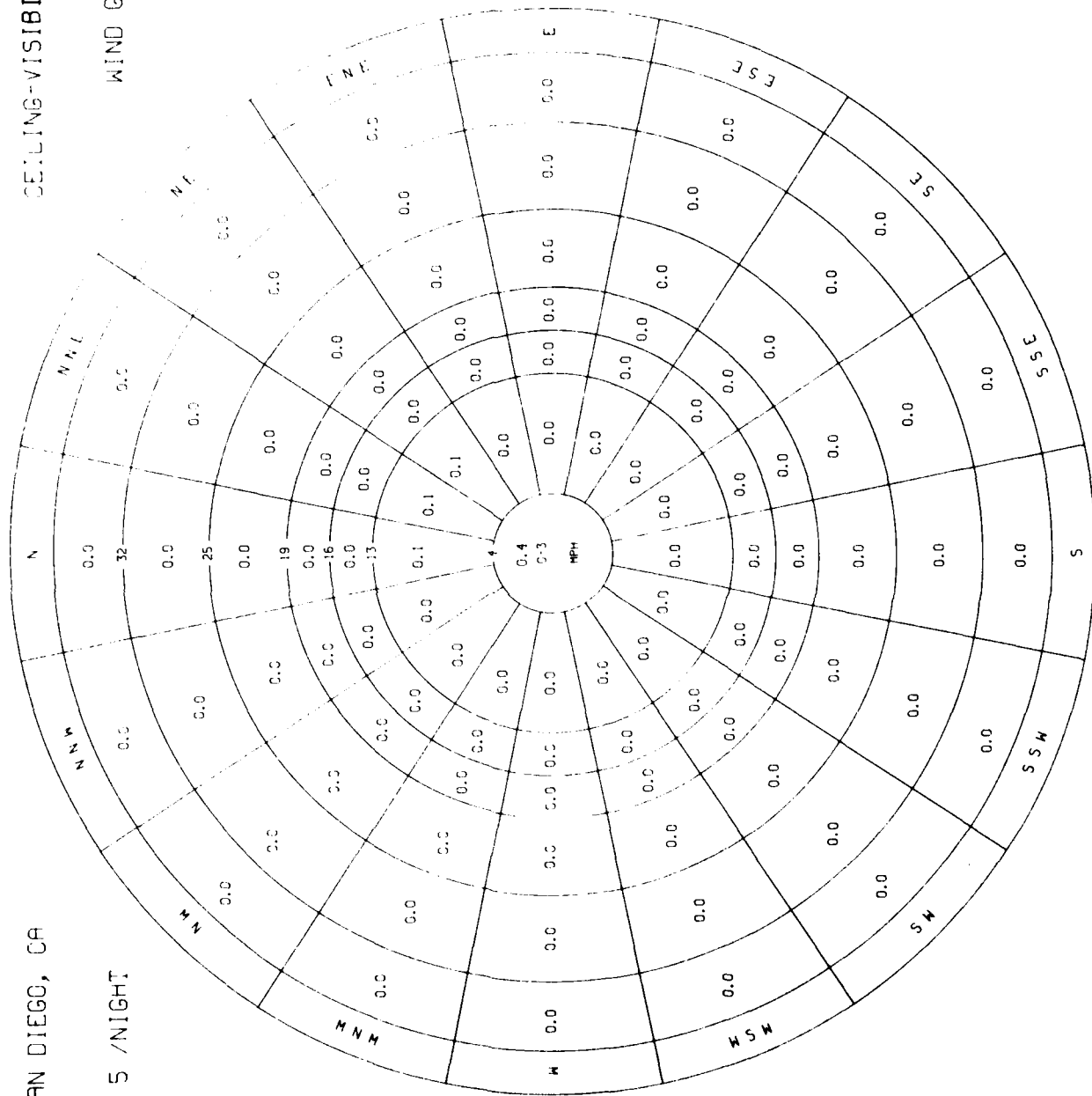
O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	11.5	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 19.5
NNE	.0	3.4	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 12.6
NE	.0	3.4	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.0
ENE	.0	3.4	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.0
E	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
ESE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SE	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.6
SSE	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
S	.0	1.1	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.9
SSW	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.6
SW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WNW	.0	2.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.7
NW	.0	2.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.4
NNW	.0	3.4	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.3
CALM	.0	2.3													.0 2.3
TOTAL	.1	43.7	.1	56.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 100

CEILING-VISIBILITY

WIND GRAPH

SAN SAN DIEGO, CA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 5 / NIGHT

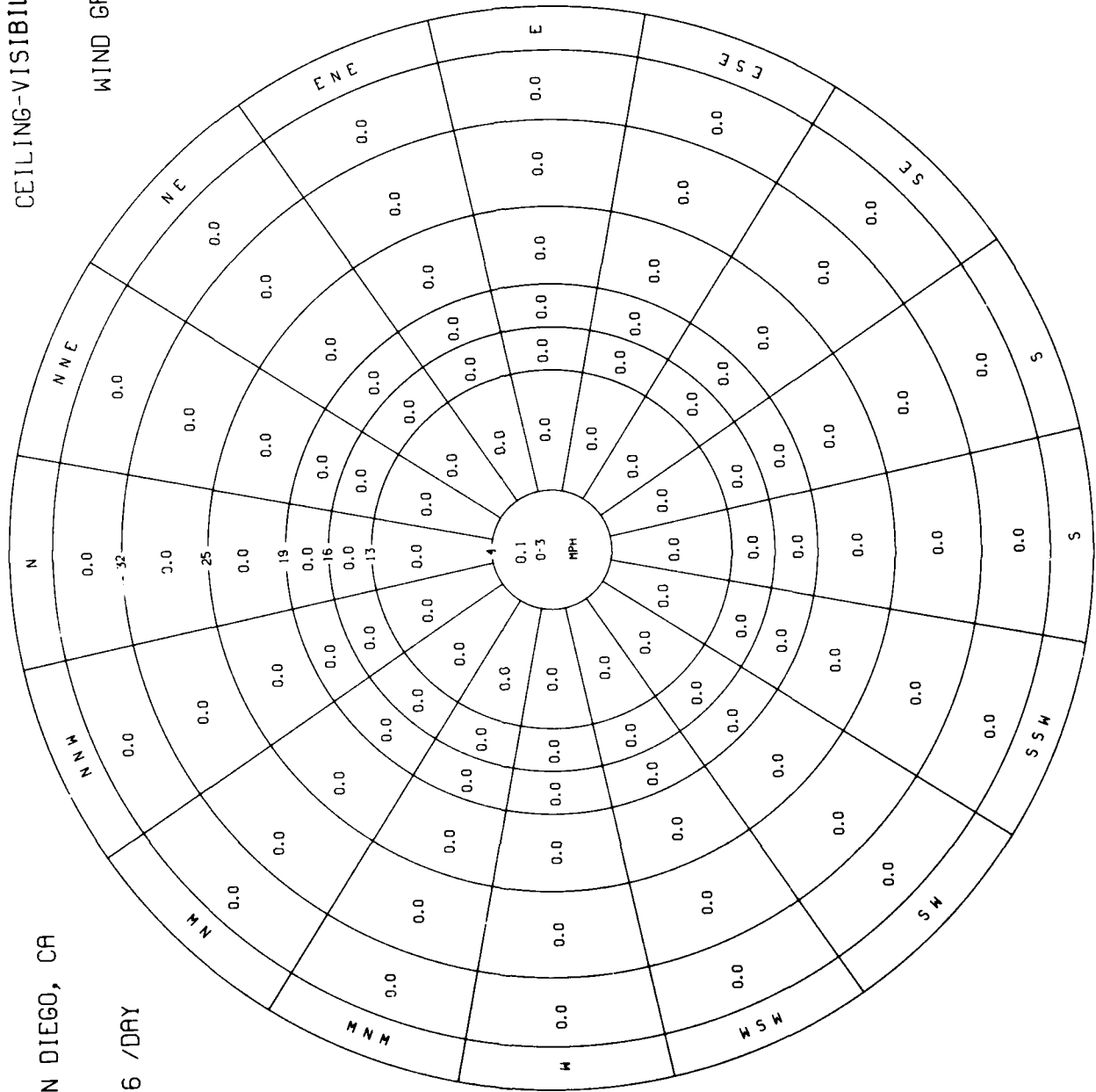
STATION NUMBER: 23188

NO. OBS.: 304

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	
N	.1	9.2	.1	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 16.4
NNE	.0	4.3	.1	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 13.5
NE	.0	6.9	.1	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 14.1
ENE	.0	3.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
E	.0	2.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
ESE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
SE	.0	1.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SSE	.0	1.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.6
S	.0	3.3	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.6
SSW	.0	.7	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
WSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
W	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
WNW	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
NW	.0	2.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.6
NNW	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.2
CALM	.1	8.9													.1 8.9
TOTAL	.4	51.0	.4	49.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 100

SAN SAN DIEGO, CA

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 23188

NO. OBS.: 121

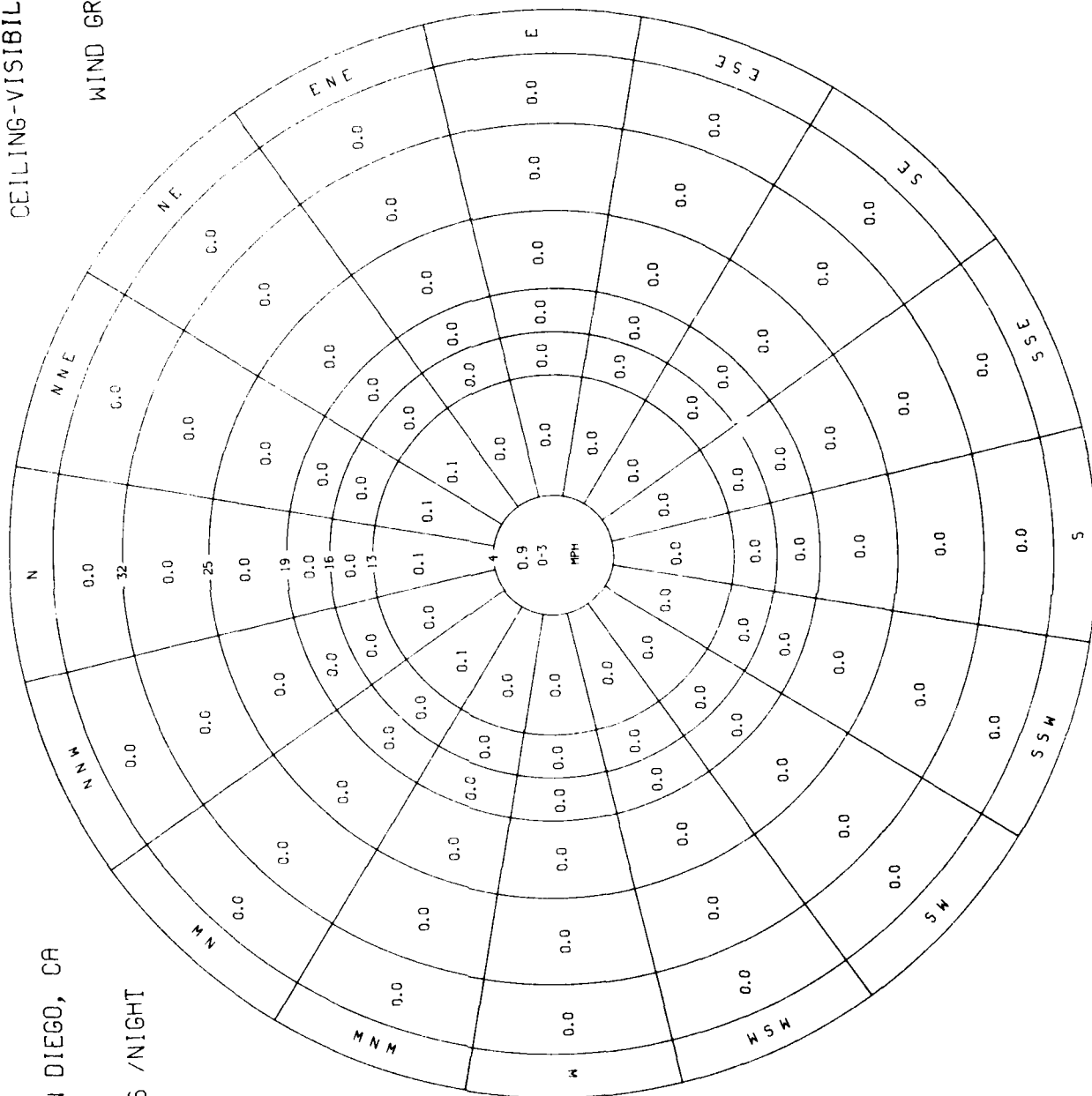
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	7.4	.0	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 17.4
NNE	.0	5.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 14.0
NF	.0	4.1	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.6
ENE	.0	2.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
E	.0	2.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
ESE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
S	.0	2.5	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.8
SSW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
SW	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WSW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
W	.0	3.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
WNW	.0	1.7	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
NW	.0	3.3	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.3
NNW	.0	2.5	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.3
CALM	.0	9.1													.0 9.1
TOTAL	.1	50.4	.1	49.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 100

CEILING-VISIBILITY

WIND GRAPH

SAN SAN DIEGO, CA

CLASS 6 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SAN SAN DIEGO, CA

PERIOD: 1948-1978

CLASS 6 / NIGHT

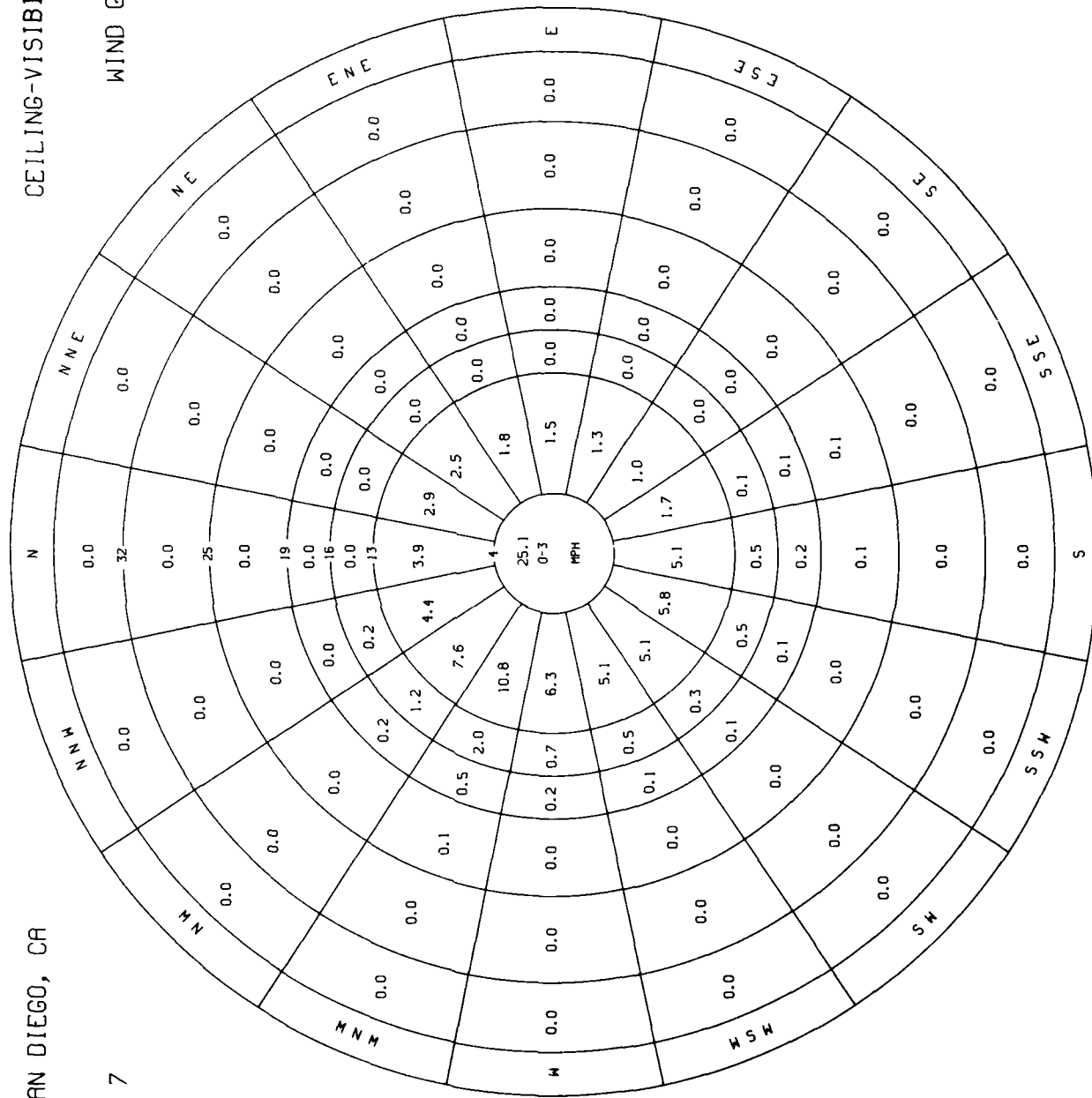
STATION NUMBER: 23188

NO. OBS.: 576

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	
N	.1	9.7	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 16.5
NNE	.1	7.8	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 12.8
NE	.1	7.1	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 11.6
ENE	.0	3.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
E	.0	2.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
ESE	.0	1.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SE	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
SSE	.0	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
S	.0	1.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
SSW	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
SW	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
WSW	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
W	.0	1.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
WNW	.0	1.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
NW	.0	1.9	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.5
NNW	.0	2.4	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.1
CALM	.2	15.3													.2 15.3
TOTAL	.9	63.5	.5	36.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4 100
															3.4

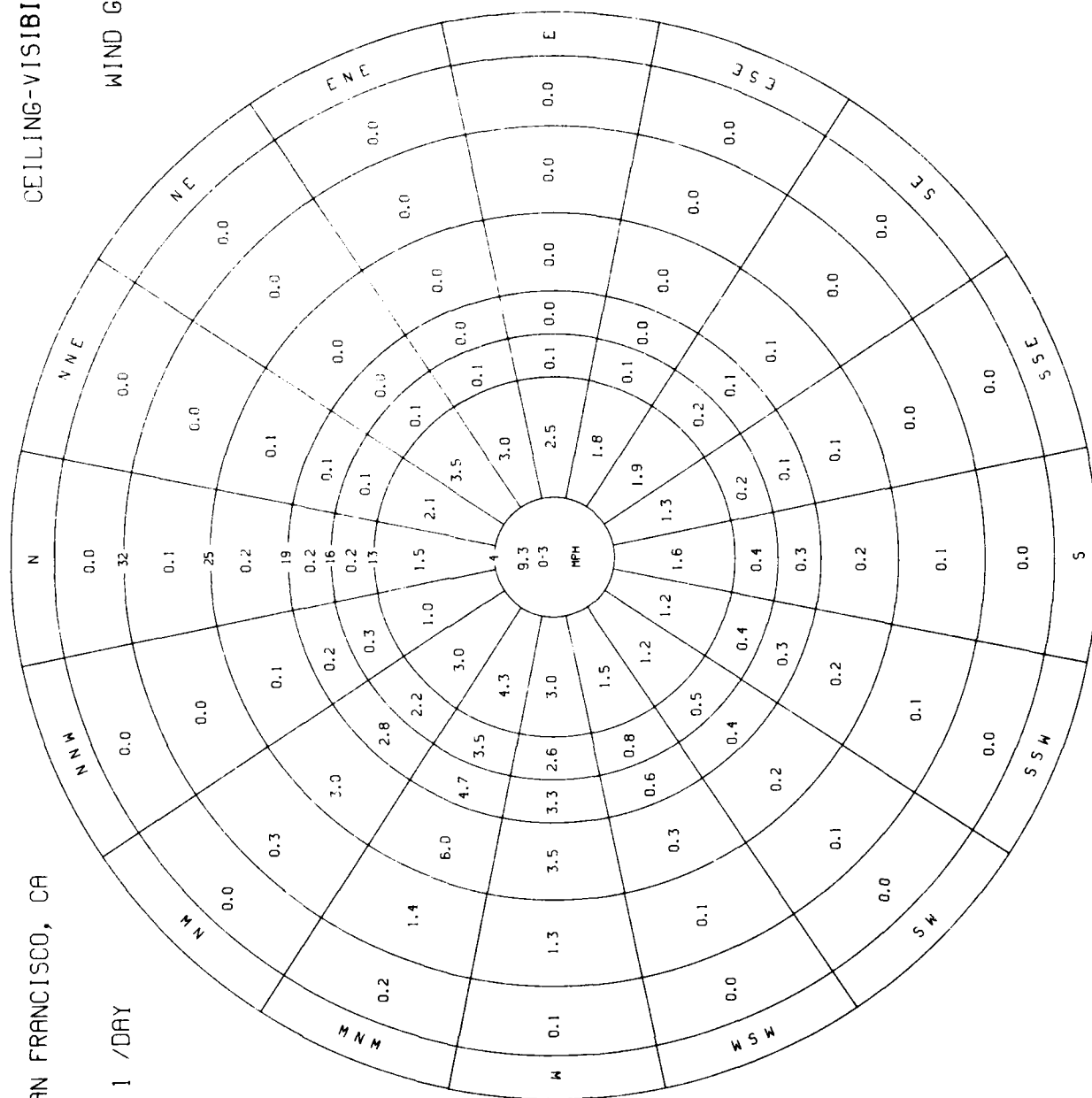
CEILING-VISIBILITY

WIND GRAPH



SFO SAN FRANCISCO, CA

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SFO SAN FRANCISCO, CA

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 23234

NO. OBS.: 43455

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	
N	.3	.3	1.5	1.7	.2	.3	.2	.2	.2	.2	.1	.1	.0	.0	2.4 2.7
NNE	.3	.3	2.1	2.4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	2.6 3.0
NE	.5	.5	3.5	4.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1 4.7
ENE	.5	.5	3.0	3.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6 4.2
E	.5	.6	2.5	2.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1 3.6
ESE	.4	.4	1.8	2.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.4 2.7
SE	.4	.5	1.9	2.2	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.9 3.3
SSE	.3	.4	1.3	1.5	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.0 2.3
S	.6	.7	1.6	1.8	.4	.5	.3	.3	.2	.2	.1	.1	.0	.0	3.2 3.7
SSW	.3	.3	1.2	1.3	.4	.5	.3	.4	.2	.2	.1	.1	.0	.0	2.5 2.8
SW	.3	.4	1.2	1.3	.5	.6	.4	.5	.2	.2	.1	.1	.0	.0	2.7 3.1
WSW	.2	.3	1.5	1.7	.8	.9	.6	.7	.3	.4	.1	.1	.0	.0	3.6 4.1
W	.3	.3	3.0	3.4	2.6	3.0	3.3	3.8	3.5	4.0	1.3	1.5	.1	.1	14.0 16.2
WNW	.3	.4	4.3	5.0	3.5	4.0	4.7	5.5	6.0	6.9	1.4	1.7	.2	.2	20.6 23.7
NW	.3	.4	3.0	3.5	2.2	2.5	2.8	3.2	3.0	3.5	.3	.3	.0	.0	11.7 13.4
NNW	.1	.2	1.0	1.1	.3	.4	.2	.3	.1	.1	.0	.0	.0	.0	1.8 2.1
CALM	3.7	4.3													3.7 4.3
TOTAL	9.3	10.7	34.3	39.5	11.9	13.6	13.4	15.4	14.1	16.3	3.5	4.0	.4	.5	86.9 100

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SFO SAN FRANCISCO, CA

CLASS 1 / NIGHT

NO. OBS.: 33811

STATION NUMBER: 23234

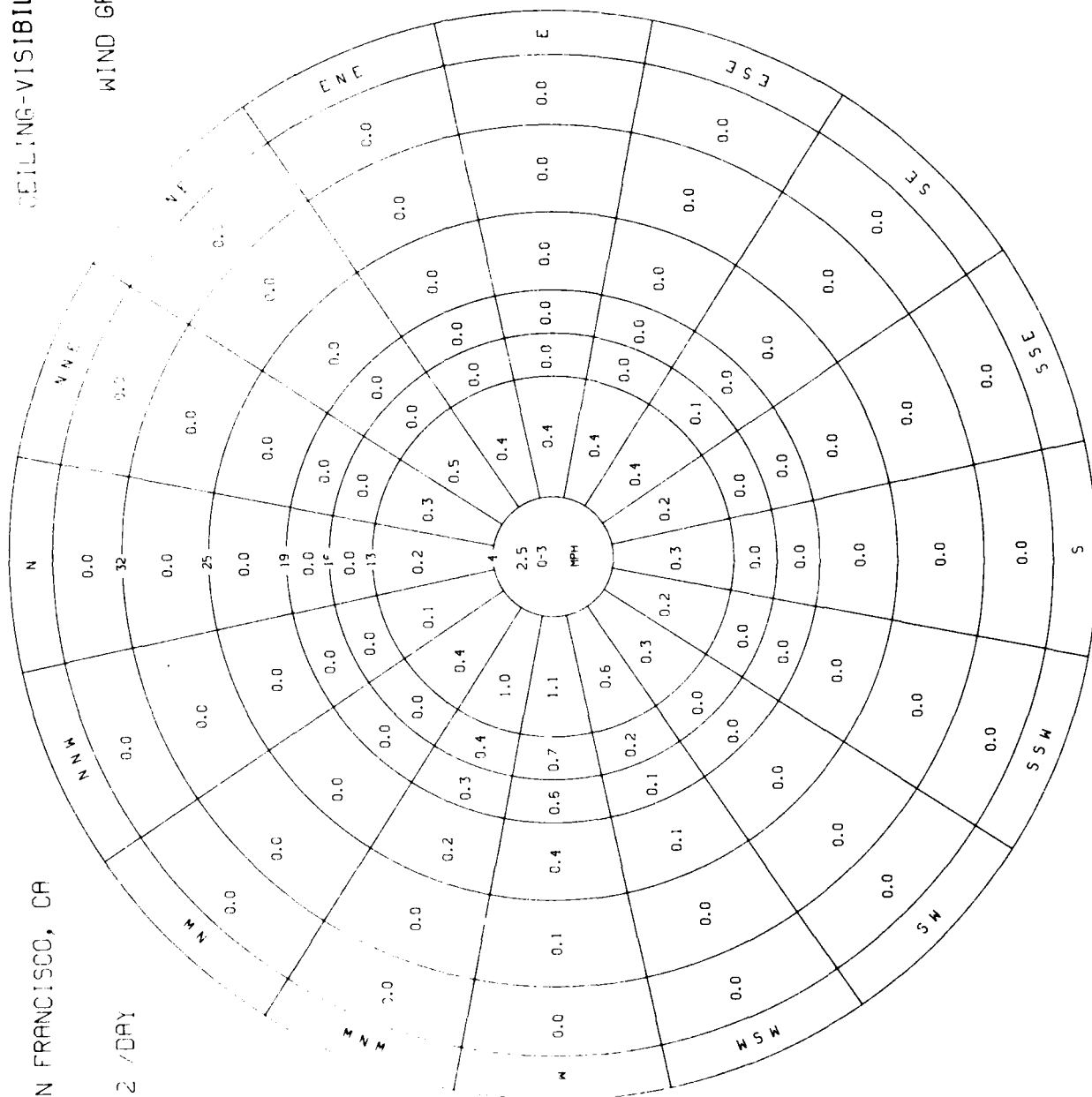
D I R	SPEED GROUPS (MPH)																				AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
															C	D					
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D					
N	.3	.3	.8	.9	.1	.1	.1	.2	.1	.2	.1	.1	.0	.0	1.5	1.8	9.8				
NNE	.1	.1	.4	.5	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.7	.9	9.7				
N E	.2	.2	.4	.5	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7	.8	8.2				
ENE	.1	.1	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	8.5				
E	.2	.2	.6	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.1	7.4				
ESE	.3	.4	1.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.7	7.4				
SE	.6	.7	2.0	2.4	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.1	3.8	8.4				
SSE	.6	.7	1.9	2.2	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.9	3.5	7.6				
S	1.1	1.3	2.9	3.5	.2	.3	.2	.2	.1	.2	.1	.1	.0	.1	4.7	5.7	7.8				
SSW	.8	.9	1.9	2.3	.2	.2	.1	.1	.1	.1	.0	.1	.0	.0	3.1	3.7	7.4				
SW	.9	1.1	2.3	2.7	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.5	4.3	6.9				
WSW	.8	1.0	3.1	3.7	.4	.5	.2	.2	.1	.2	.0	.0	.0	.0	4.6	5.5	8.3				
W	1.0	1.2	7.2	8.6	2.3	2.7	1.4	1.7	1.1	1.3	.3	.3	.0	.0	13.3	16.0	11.4				
WNW	1.1	1.3	15.0	18.0	3.9	4.7	2.1	2.6	1.2	1.4	.3	.4	.0	.1	23.7	28.4	10.8				
NW	.7	.8	6.3	7.5	1.8	2.2	.8	.9	.3	.3	.0	.0	.0	.0	9.8	11.8	10.2				
NNW	.3	.3	.9	1.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.7	8.3				
CALM	7.1	8.5					5.5	6.6	3.4	4.1	.9	1.1	.2	.2	83.4	100	8.9				
TOTAL	16.2	19.4	47.1	56.5	10.1	12.1															

CEILING-VISIBILITY

WIND GRAPH

SFO SAN FRANCISCO, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SFO SAN FRANCISCO, CA

CLASS 2 / DAY

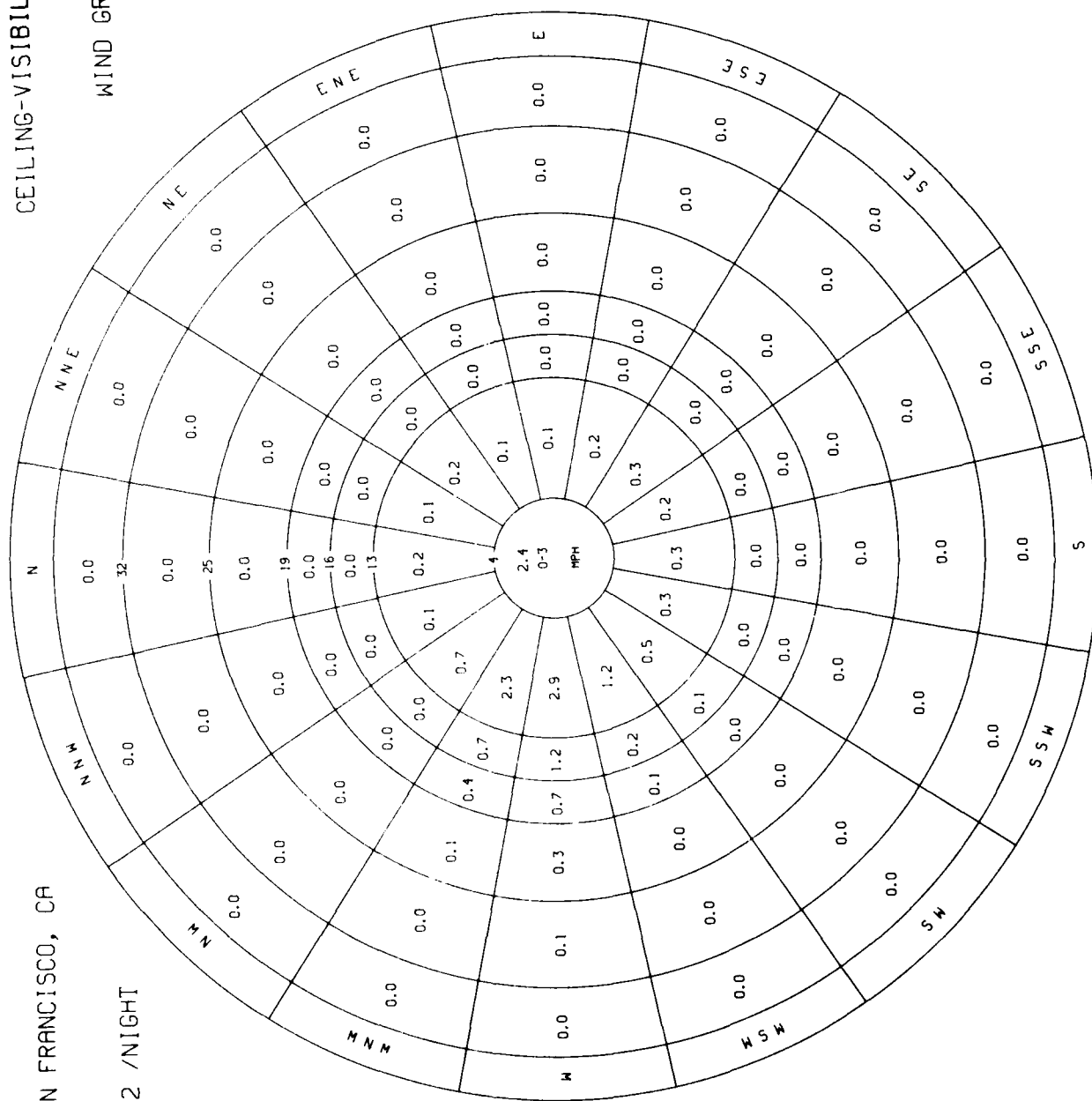
NO. OBS.: 6576

STATION NUMBER: 23234

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	
N	.1	.5	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.9
NNE	.1	.5	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 2.9
NE	.1	1.0	.5	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 4.6
ENE	.1	.8	.4	2.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.8
E	.1	1.0	.4	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6 4.4
ESE	.1	.8	.4	2.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.8
SE	.2	1.2	.4	3.0	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.6
SSE	.1	.6	.2	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4 2.8
S	.1	1.0	.3	2.6	.0	.2	.0	.3	.0	.3	.0	.2	.0	.2	.6 4.7
SSW	.1	.7	.2	1.7	.0	.3	.0	.2	.0	.3	.0	.3	.0	.1	.5 3.5
SW	.1	.8	.3	2.1	.0	.3	.0	.4	.0	.3	.0	.2	.0	.0	.5 4.1
WSW	.1	.8	.6	4.6	.2	1.4	.1	.9	.1	.6	.0	.1	.0	.0	1.1 8.4
W	.1	.5	1.1	8.2	.7	5.4	.6	4.5	.4	3.0	.1	.7	.0	.0	2.9 22.3
WNW	.1	.7	1.0	7.5	.4	2.8	.3	2.4	.2	1.5	.0	.3	.0	.0	2.0 15.2
NW	.1	.5	.4	3.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.6 4.3
NNW	.0	.4	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.2
CALM	1.0	7.4									.2	1.8	.0	.3	1.0 7.4
TOTAL	2.5	19.0	6.8	51.6	1.5	11.8	1.2	9.2	.8	6.2	.2	1.8	.0	.3	13.1 100

SFO SAN FRANCISCO, CA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SFO SAN FRANCISCO, CA

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 23234

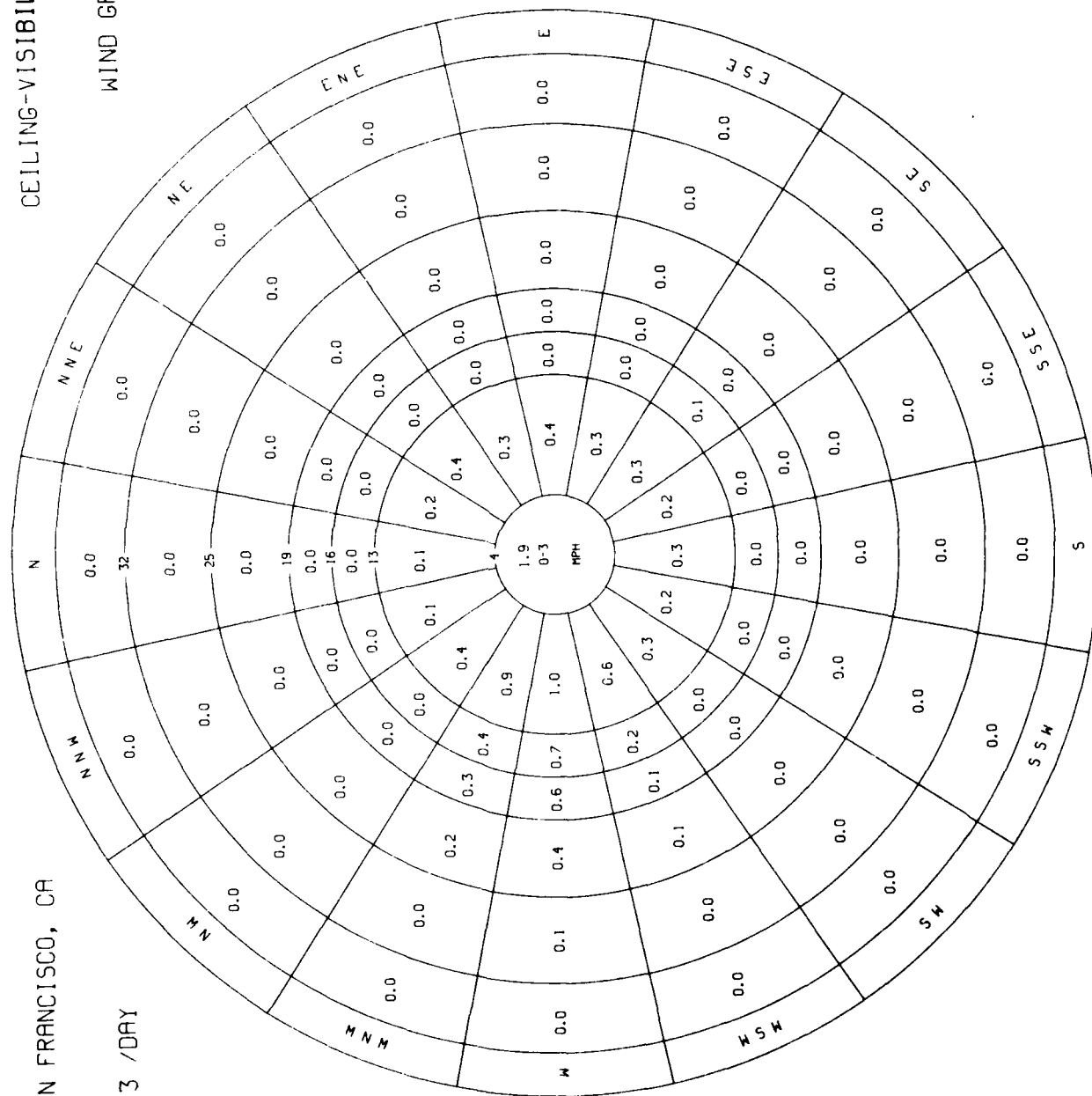
NO. OBS.: 6734

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	
N	.1	.4	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.5
NNE	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.1
NE	.0	.2	.2	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.3
ENE	.0	.3	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.2
E	.1	.3	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.3
ESE	.1	.4	.2	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.6
SE	.1	.7	.3	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4 2.6
SSE	.1	.4	.2	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.1
S	.1	.8	.3	1.8	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.6 3.4
SSW	.1	.5	.3	1.6	.0	.3	.0	.1	.0	.2	.0	.2	.0	.1	.5 2.9
SW	.1	.7	.5	2.7	.1	.3	.0	.1	.0	.1	.0	.1	.0	.0	.7 4.2
WSW	.1	.7	1.2	7.4	.2	1.4	.1	.4	.0	.3	.0	.1	.0	.0	1.7 10.2
W	.1	.7	2.9	17.4	1.2	6.9	.7	4.0	.3	2.0	.1	.5	.0	.0	5.2 31.5
WNW	.1	.9	2.3	13.9	.7	4.1	.4	2.3	.1	.9	.0	.3	.0	.0	3.7 22.3
NW	.1	.7	.7	4.5	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	1.0 5.8
NNW	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.0
CALM	1.0	6.0													1.0 6.0
TOTAL	2.4	14.2	9.7	58.6	2.4	14.3	1.3	7.6	.6	3.8	.2	1.3	.0	.2	16.6 100
															9.7

SFO SAN FRANCISCO, CA

WIND GRAPH

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SFO SAN FRANCISCO, CA

CLASS 3 / DAY

NO. OBS.: 5935

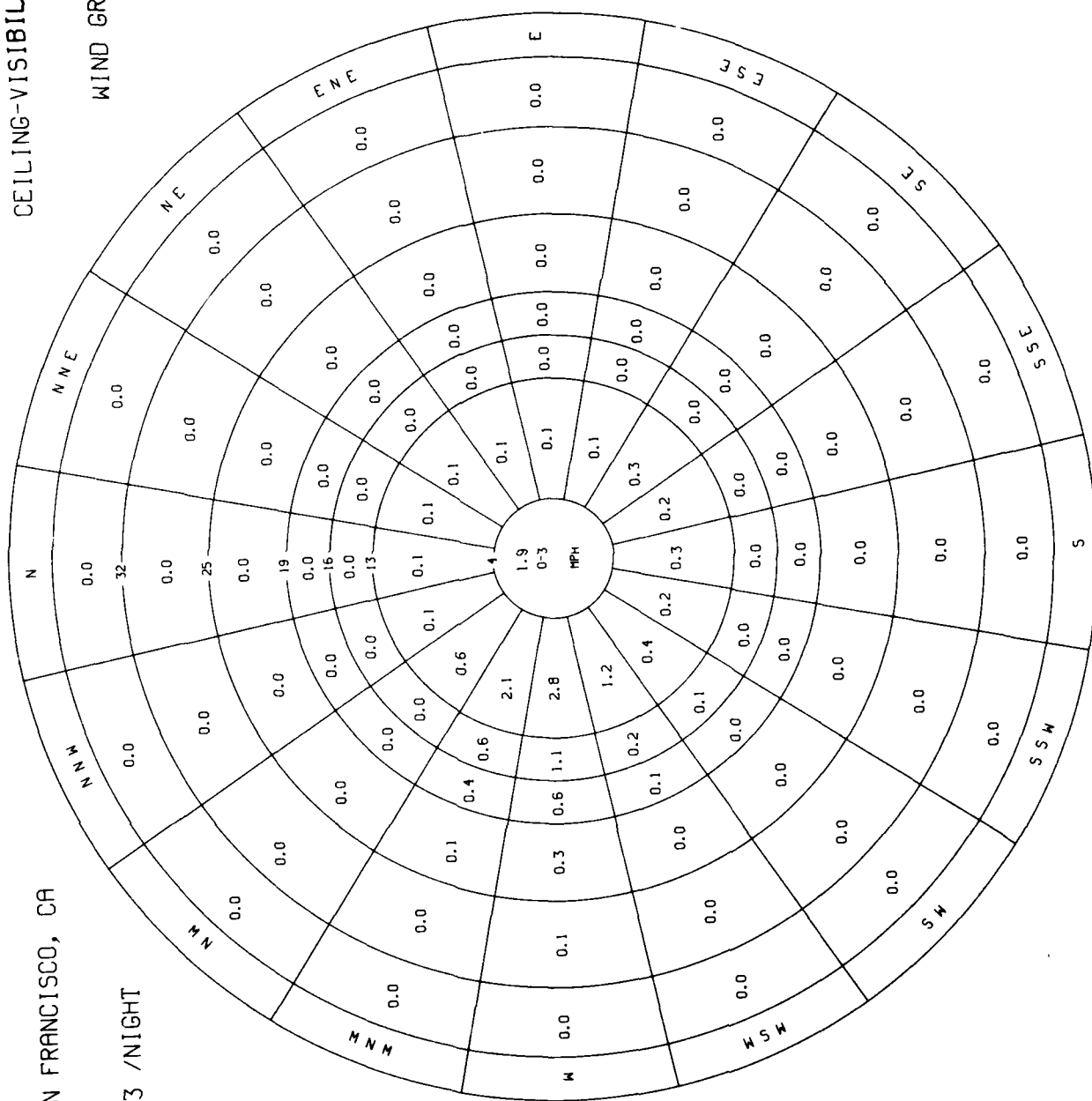
STATION NUMBER: 23234

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	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	1.7	6.4
NNE	.0	.4	.2	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	6.6
NE	.1	.9	.4	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.3	6.3
ENE	.1	.6	.3	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.6	6.4
E	.1	.7	.4	3.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.9	6.5
ESE	.1	.7	.3	2.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.7	6.9
SE	.1	.9	.3	2.8	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	4.3	7.4
SSE	.1	.5	.2	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.3	2.6	7.9
S	.1	.9	.3	2.4	.0	.2	.0	.3	.0	.4	.0	.2	.0	.2	.0	.5	4.6	10.2
SSW	.1	.5	.2	1.6	.0	.3	.0	.2	.0	.3	.0	.3	.0	.3	.0	.4	3.4	11.6
SW	.1	.7	.3	2.2	.0	.3	.0	.4	.0	.3	.0	.2	.0	.2	.0	.5	4.2	10.4
WSW	.1	.7	.6	4.9	.2	1.5	.1	1.0	.1	.7	.0	.1	.0	.0	.0	1.1	9.0	11.5
W	.1	.6	1.0	8.8	.7	5.9	.6	5.0	.4	3.3	.1	.8	.0	.0	.0	2.9	24.4	14.2
WNW	.1	.7	.9	7.9	.4	3.1	.3	2.6	.2	1.6	.0	.3	.0	.0	.0	1.9	16.3	12.5
NW	.1	.5	.4	3.3	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.5	4.3	8.6
NNW	.0	.3	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	6.3
CALM	.7	6.0														.7	6.0	
TOTAL	1.9	16.0	6.1	51.7	1.5	13.0	1.2	10.2	.8	6.8	.2	2.0	.0	.4	11.9	100		10.1

WIND GRAPH

SFO SAN FRANCISCO, CA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SFO SAN FRANCISCO, CA

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 23234

NO. OBS.: 6225

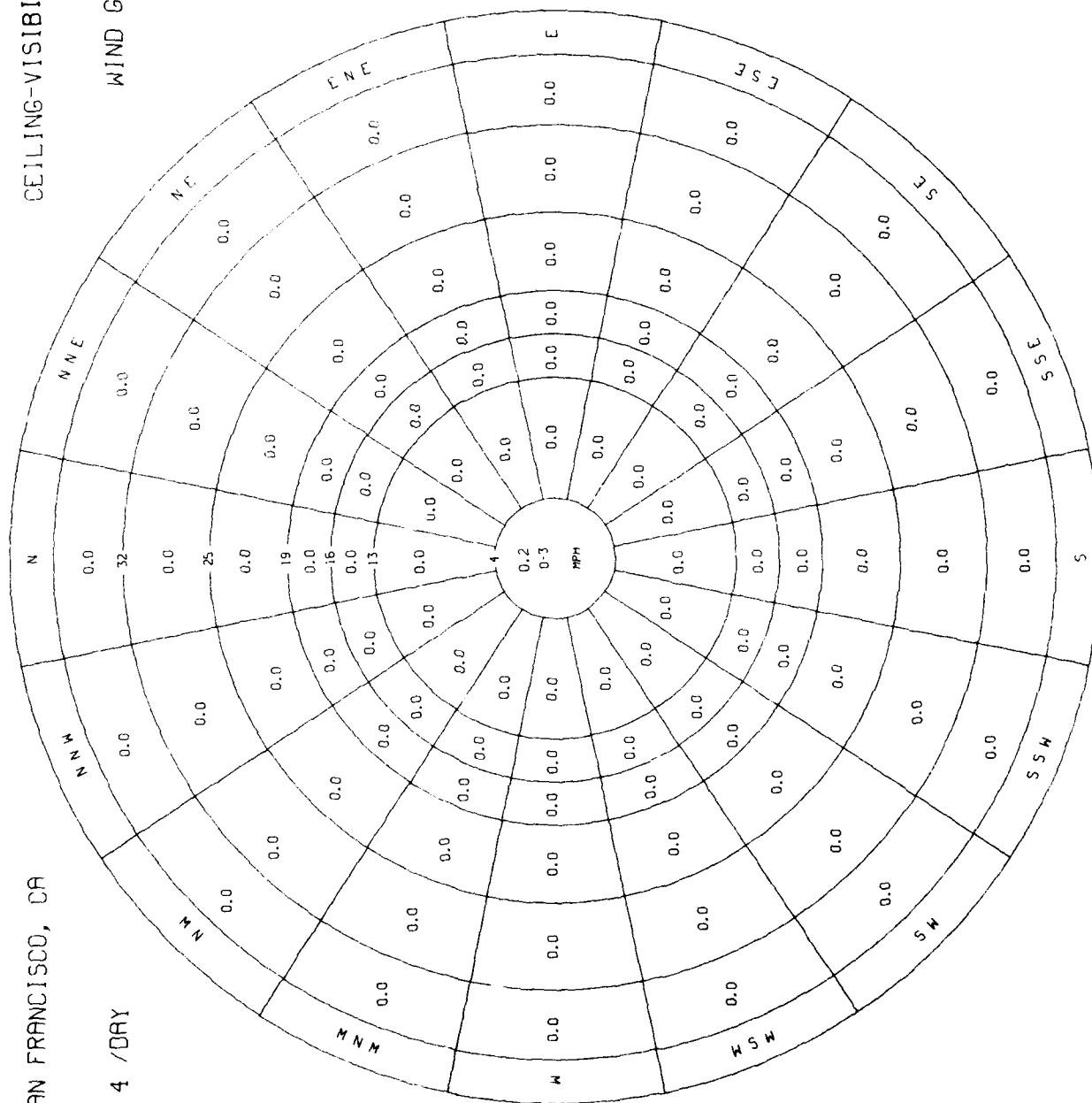
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.3	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	6.1
NNE	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	6.7
NE	.0	.2	.1	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	1.2	7.7
ENE	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	7.5
E	.0	.3	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	7.0
ESE	.1	.4	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	7.1
SE	.1	.6	.3	1.7	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.4	2.5	7.7
SSE	.0	.3	.2	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	2.0	8.0
S	.1	.7	.3	1.8	.0	.3	.0	.2	.0	.2	.0	.1	.0	.0	.0	.5	3.3	9.5
SSW	.1	.5	.2	1.6	.0	.3	.0	.1	.0	.2	.0	.2	.0	.1	.0	.5	3.0	10.4
SW	.1	.6	.4	2.8	.1	.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.7	4.2	9.3
WSW	.1	.7	1.2	7.9	.2	1.4	.1	.5	.0	.3	.0	.1	.0	.0	1.7	10.9	10.1	
W	.1	.7	2.8	18.5	1.1	7.4	.6	4.2	.3	2.1	.1	.5	.0	.0	5.1	33.5	12.1	
WNW	.1	.8	2.1	14.0	.6	4.2	.4	2.3	.1	.9	.0	.3	.0	.0	3.4	22.4	11.1	
NW	.1	.7	.6	4.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.8	5.2	8.0	
NNW	.0	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	5.7	
CALM	.7	4.8													.7	4.8		
TOTAL	1.9	12.1	9.1	59.6	2.3	14.9	1.2	7.9	.6	4.0	.2	1.4	.0	.2	15.4	100	10.0	

CEILING-VISIBILITY

WIND GRAPH

SFO SAN FRANCISCO, CA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SFO SAN FRANCISCO, CA

CLASS 4 / DAY

NO. OBS.: 307

STATION NUMBER: 23234

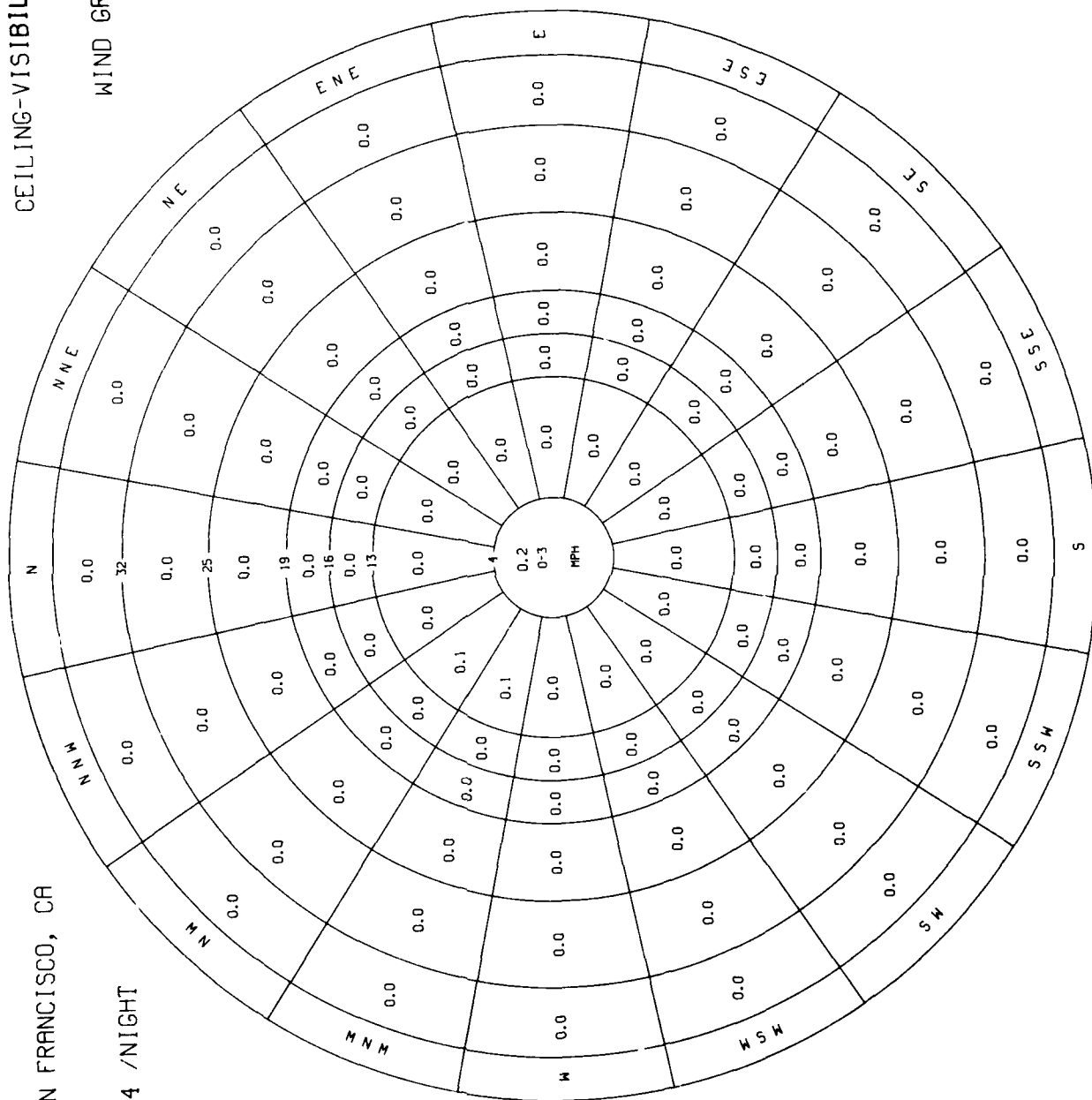
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.2
NNE	.0	2.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.8
NE	.0	2.3	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.1
ENE	.0	3.6	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.5
E	.0	2.6	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.1
ESE	.0	.7	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
SE	.0	3.3	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 8.1
SSE	.0	.7	.0	3.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.2
S	.0	2.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
SSW	.0	1.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
SW	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WSW	.0	1.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
W	.0	.0	.0	2.3	.0	.3	.0	.7	.0	.3	.0	.0	.0	.0	.0 3.6
WNW	.0	.0	.0	4.6	.0	.3	.0	.3	.0	1.0	.0	.0	.0	.0	.0 6.2
NW	.0	1.3	.0	3.9	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0 6.2
NNW	.0	2.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
CALM	.1	15.0													.1 15.0
TOTAL	.2	39.4	.3	56.0	.0	1.6	.0	1.3	.0	1.3	.0	.3	.0	.0	.6 100
															5.3

CEILING-VISIBILITY

WIND GRAPH

SFO SAN FRANCISCO, CA

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SFO SAN FRANCISCO, CA

PERIOD: 1948-1978

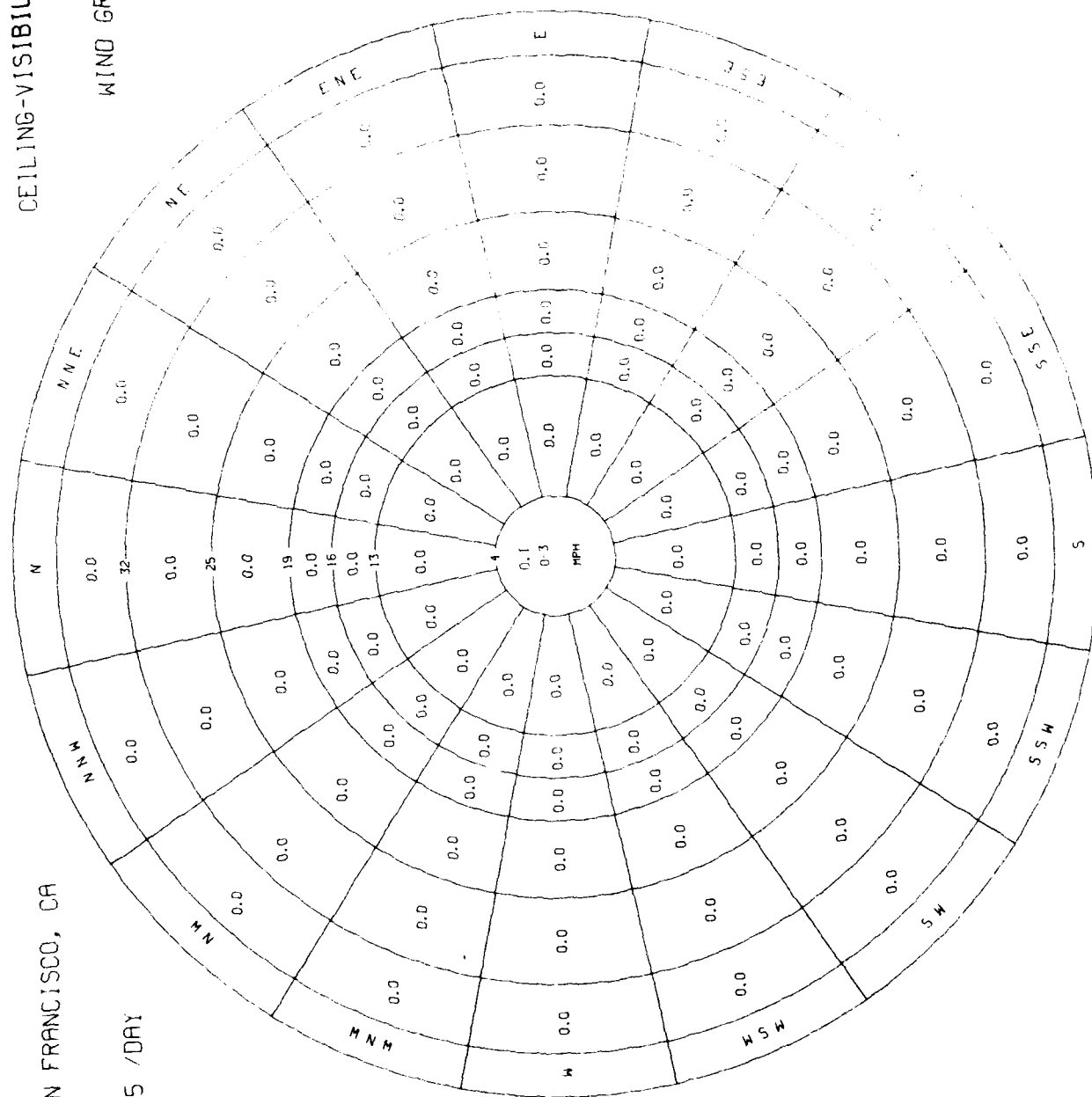
CLASS 4 / NIGHT

STATION NUMBER: 23234

NO. OBS.: 279

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	
N	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
NNE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NE	.0	.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
ENE	.0	.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
E	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
ESE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
SE	.0	1.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
SSE	.0	1.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
S	.0	1.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SSW	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
SW	.0	1.1	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WSW	.0	.4	.0	1.4	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0 2.5
W	.0	.4	.0	7.2	.0	1.8	.0	1.4	.0	1.8	.0	.0	.0	.0	.1 12.5
WNW	.0	1.8	.1	16.5	.0	5.0	.0	5.7	.0	.4	.0	.0	.0	.0	.2 29.4
NW	.0	.7	.1	10.8	.0	2.9	.0	1.4	.0	.4	.0	.0	.0	.0	.1 16.1
NNW	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
CALM	.1	12.5													.1 12.5
TOTAL	.2	27.6	.4	50.9	.1	10.0	.1	8.6	.0	2.9	.0	.0	.0	.0	.7 100 7.9

CEILING-VISIBILITY WIND GRAPH



SFO SAN FRANCISCO, CA

CLASS 5 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SFO SAN FRANCISCO, CA

CLASS 5 / DAY

NO. OBS.: 112

STATION NUMBER: 23234

DIR	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		7+		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	5.3
NNE	.0	.9	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	6.1
NNE	.0	2.7	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.0
ENE	.0	.9	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
E	.0	3.6	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	5.0
ESE	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.7
SE	.0	4.5	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	4.1
SSE	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.4
S	.0	.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.3
SSW	.0	1.8	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.9
SW	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.0
WSW	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.8
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
WNW	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.9
W	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
WNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.4	4.1

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NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/6 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

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DOT-FA79WAI-057

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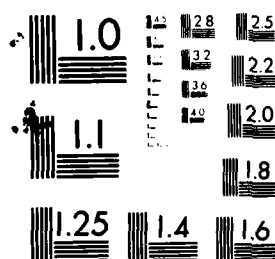
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2 OF 4

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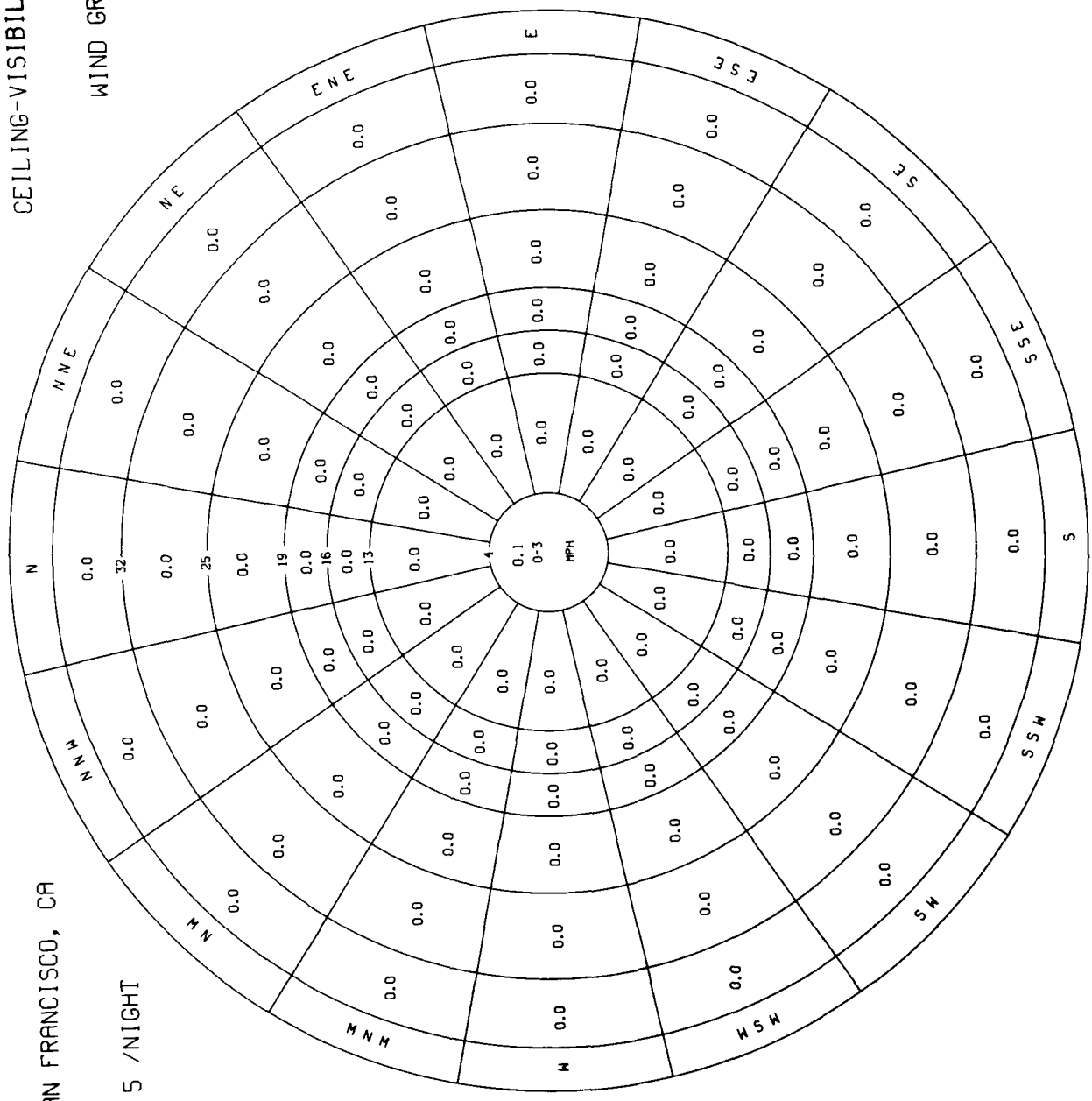
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY

WIND GRAPH

SFO SAN FRANCISCO, CA

CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SFO SAN FRANCISCO, CA

PERIOD: 1948-1978

CLASS 5 / NIGHT

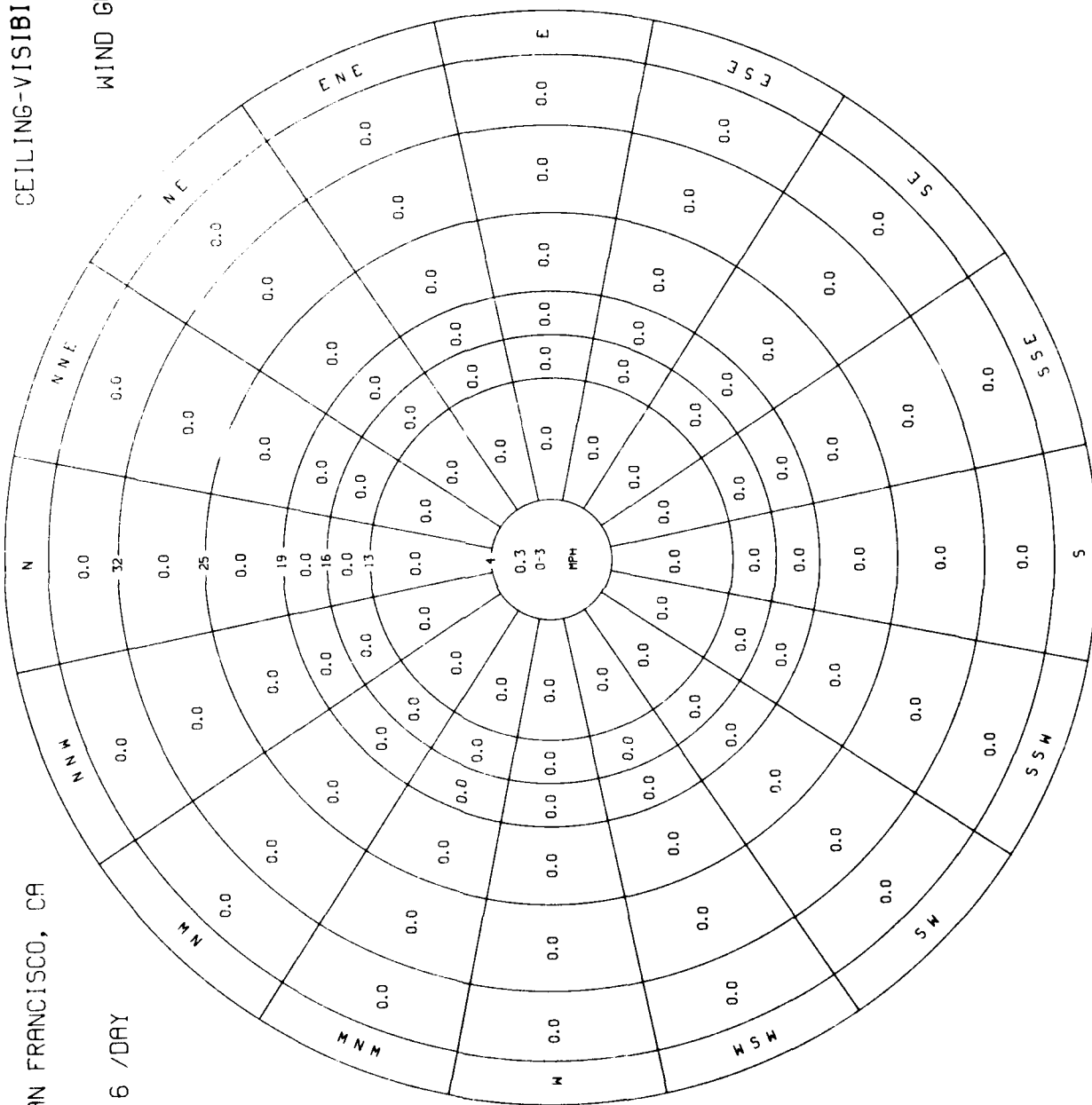
STATION NUMBER: 23234

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	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	4.2
NNE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5
NE	.0	.0	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.0
ENE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5
E	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.5
SSE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
S	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
SSW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5
SW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	1.6	.0	16.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19.7	9.1
NW	.0	.0	.0	14.8	.0	1.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	19.7	10.7
NNW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0
CALM	.0	24.6														.0	24.6	
TOTAL	.1	41.0	.1	52.5	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.2	100	5.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SFO SAN FRANCISCO, CA

CLASS 6 / DAY

NO. OBS.: 222

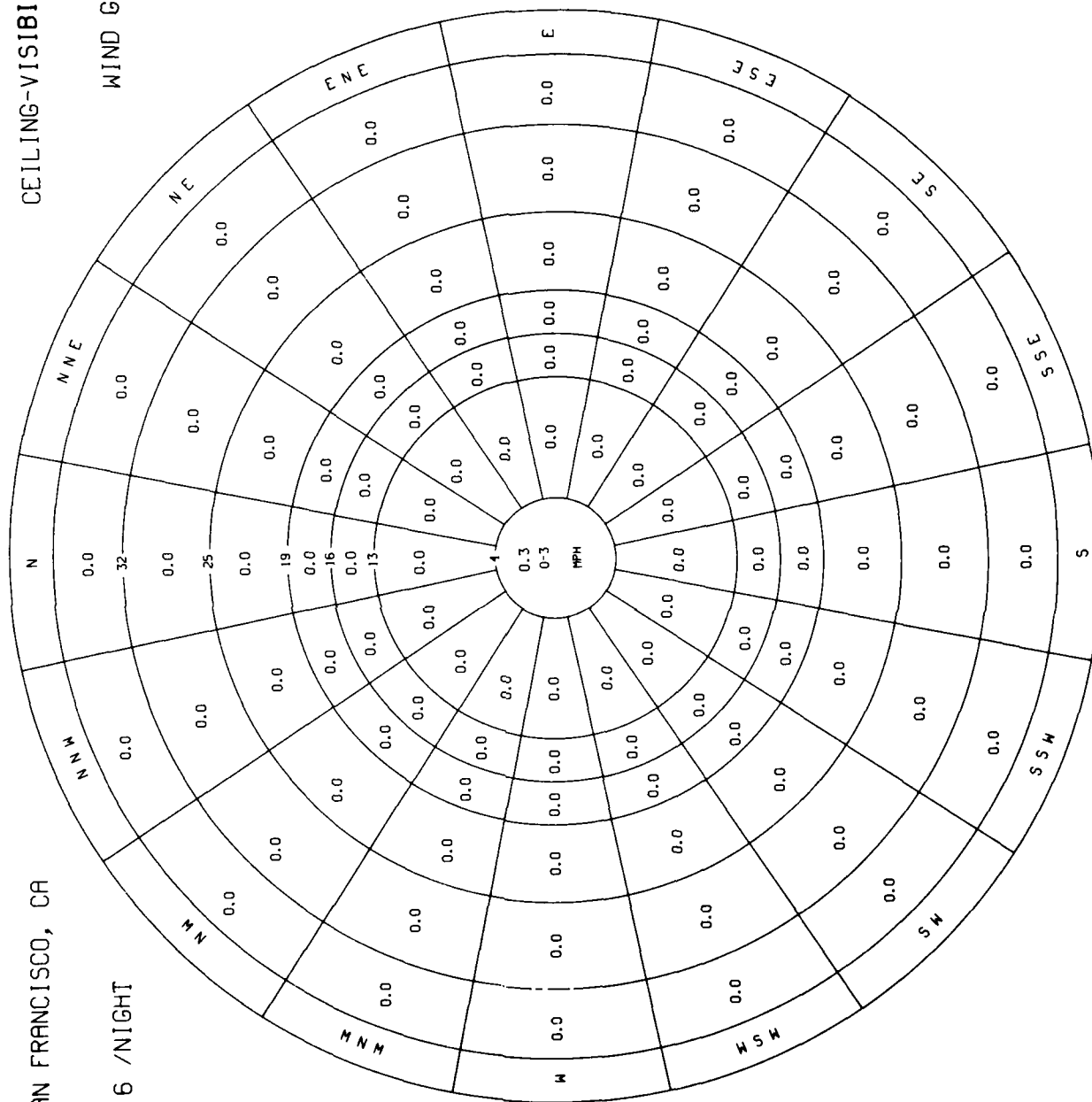
STATION NUMBER: 23234

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	
N	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
NNE	.0	1.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
NE	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
ENE	.0	1.4	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
E	.0	4.1	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6
ESE	.0	1.4	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
SE	.0	4.5	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
SSE	.0	2.3	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4
S	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
SSW	.0	3.6	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
SW	.0	2.3	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
WSW	.0	2.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
W	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
WNW	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NW	.0	.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
NNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
CALM	.1	27.5													27.5
TOTAL	.3	59.0	.2	41.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	100
															3.3

SFO SAN FRANCISCO, CA

CLASS 6 /NIGHT

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SFO SAN FRANCISCO, CA

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 23234

NO. OBS.: 169

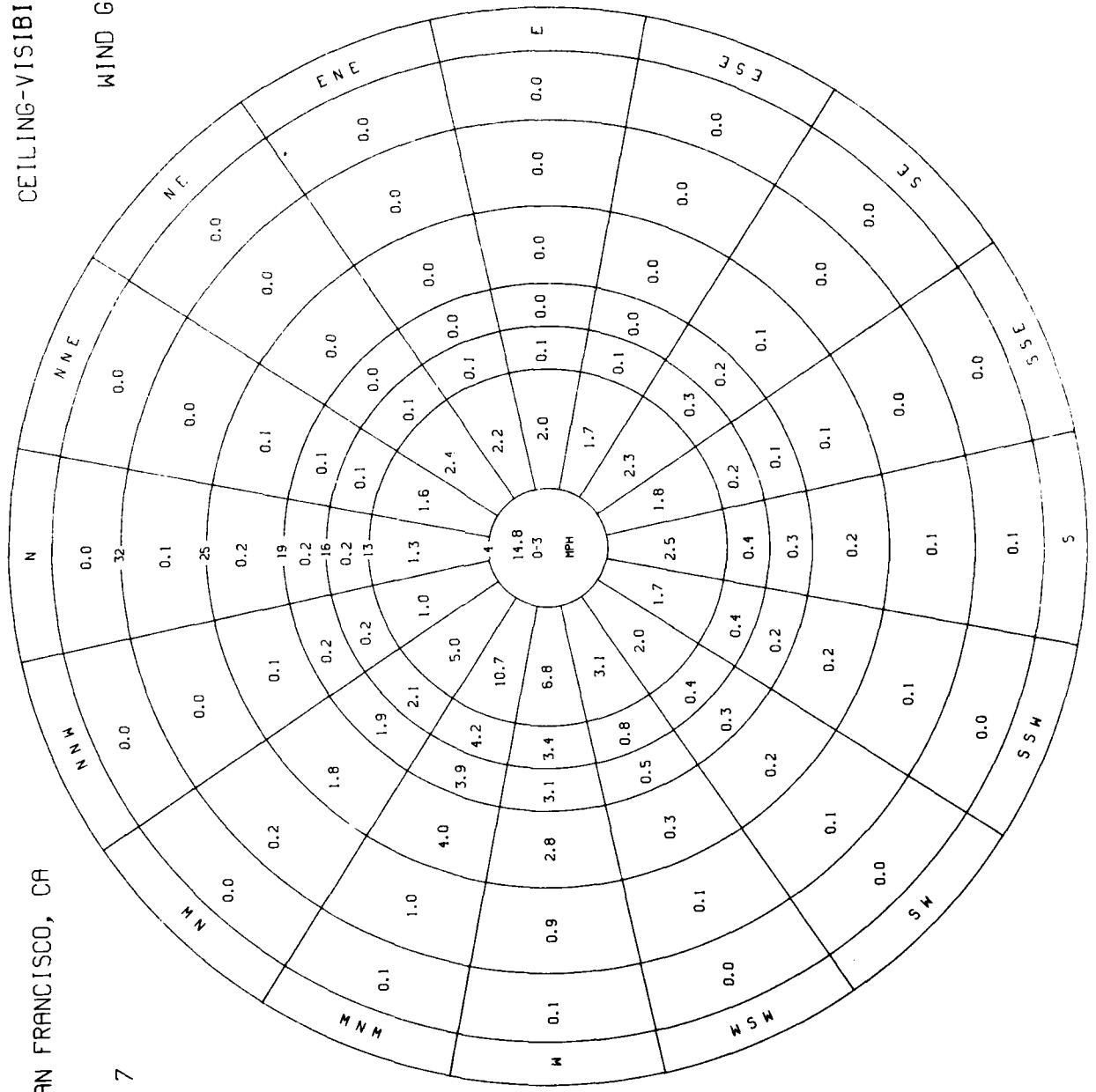
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
NNE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
NNE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
ENE	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
E	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
ESE	.0	1.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
SE	.0	2.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
SSE	.0	1.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
S	.0	4.1	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.7
SSW	.0	1.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
SW	.0	4.1	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.5
WSW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
WNW	.0	1.8	.0	7.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 9.5
NW	.0	1.8	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.1
NNW	.0	1.2	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
CALM	.1	34.3													.1 34.3
TOTAL	.3	60.4	.2	38.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.4 100
															3.5

CEILING-VISIBILITY

WIND GRAPH

SFO SAN FRANCISCO, CA

CLASS 7

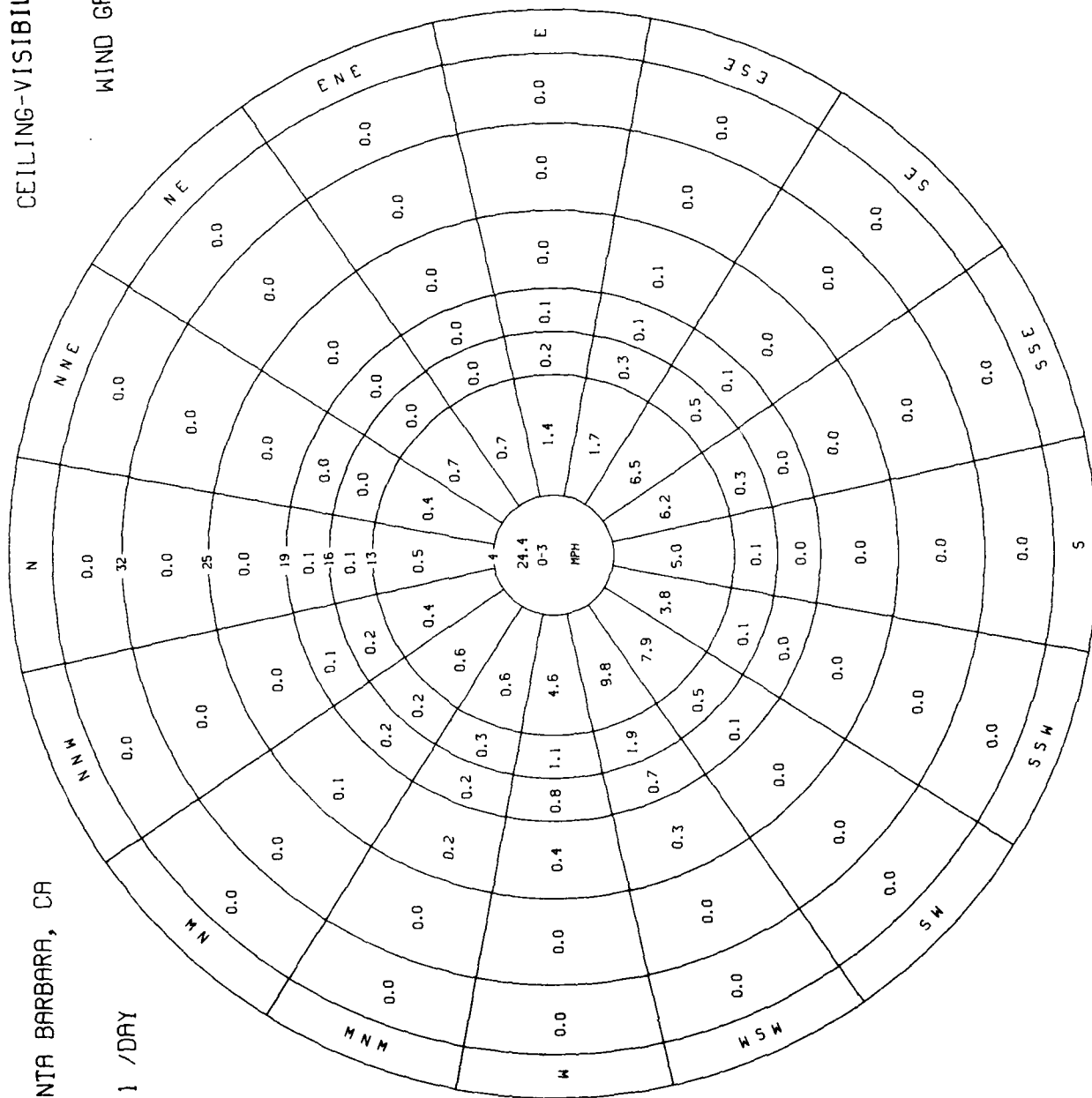


CEILING-VISIBILITY

WIND GRAPH

SBA SANTA BARBARA, CA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 1 / DAY

NO. OBS.: 25695

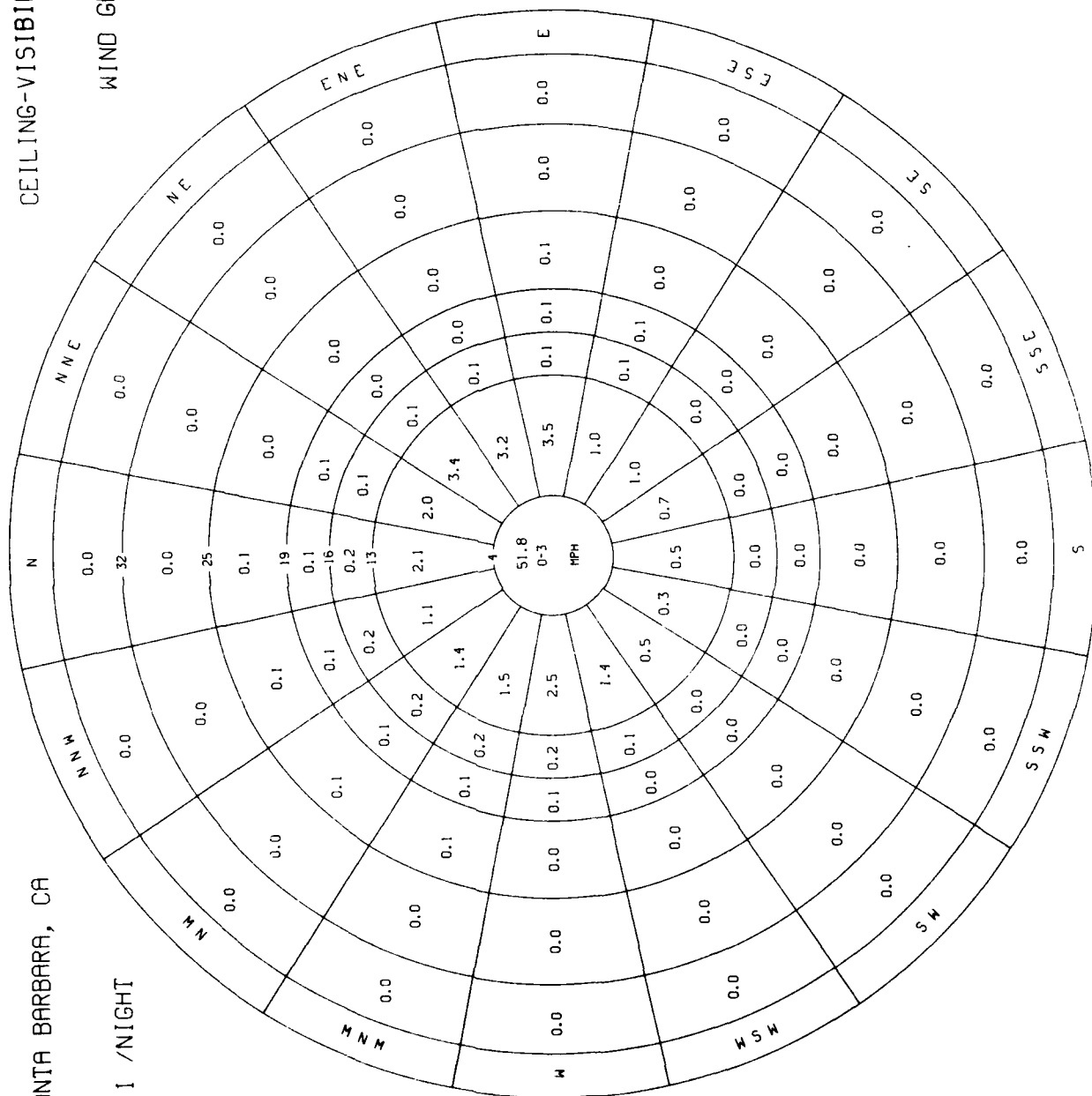
STATION NUMBER: 23190

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	
N	.2	.3	.5	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.0 1.1 8.5
NNE	.2	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 .8 6.6
NE	.5	.6	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.4 5.1
ENE	.2	.2	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 1.1 6.3
E	.6	.6	1.4	1.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3 2.7 7.7
ESE	.4	.5	1.7	2.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.6 3.0 8.6
SE	1.5	1.8	6.5	7.6	.5	.6	.1	.1	.0	.1	.0	.0	.0	.0	8.6 10.1 7.6
SSE	.9	1.1	6.2	7.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.4 8.7 7.6
S	1.2	1.5	5.0	5.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.4 7.4 6.7
SSW	.6	.7	3.8	4.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5 5.3 7.4
SW	1.6	1.8	7.9	9.2	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	10.1 11.9 7.8
WSW	.8	1.0	9.8	11.4	1.9	2.3	.7	.9	.3	.4	.0	.0	.0	.0	13.6 15.9 10.0
W	.6	.7	4.6	5.4	1.1	1.3	.8	.9	.4	.4	.0	.0	.0	.0	7.5 8.8 10.6
WNW	.1	.1	.6	.7	.3	.4	.2	.3	.2	.2	.0	.0	.0	.0	1.5 1.8 12.5
NW	.2	.2	.6	.8	.2	.3	.2	.3	.1	.1	.0	.0	.0	.0	1.4 1.6 11.2
NNW	.1	.1	.4	.5	.2	.2	.1	.2	.0	.1	.0	.0	.0	.0	.9 1.0 11.0
CALM	14.7	17.2													14.7 17.2
TOTAL	24.4	28.6	50.9	59.6	6.0	7.0	2.7	3.2	1.2	1.4	.1	.1	.0	.0	85.4 100 7.0

CEILING-VISIBILITY WIND GRAPH

SBA SANTA BARBARA, CA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SBA SANTA BARBARA, CA

PERIOD: 1949-1978

CLASS 1 / NIGHT

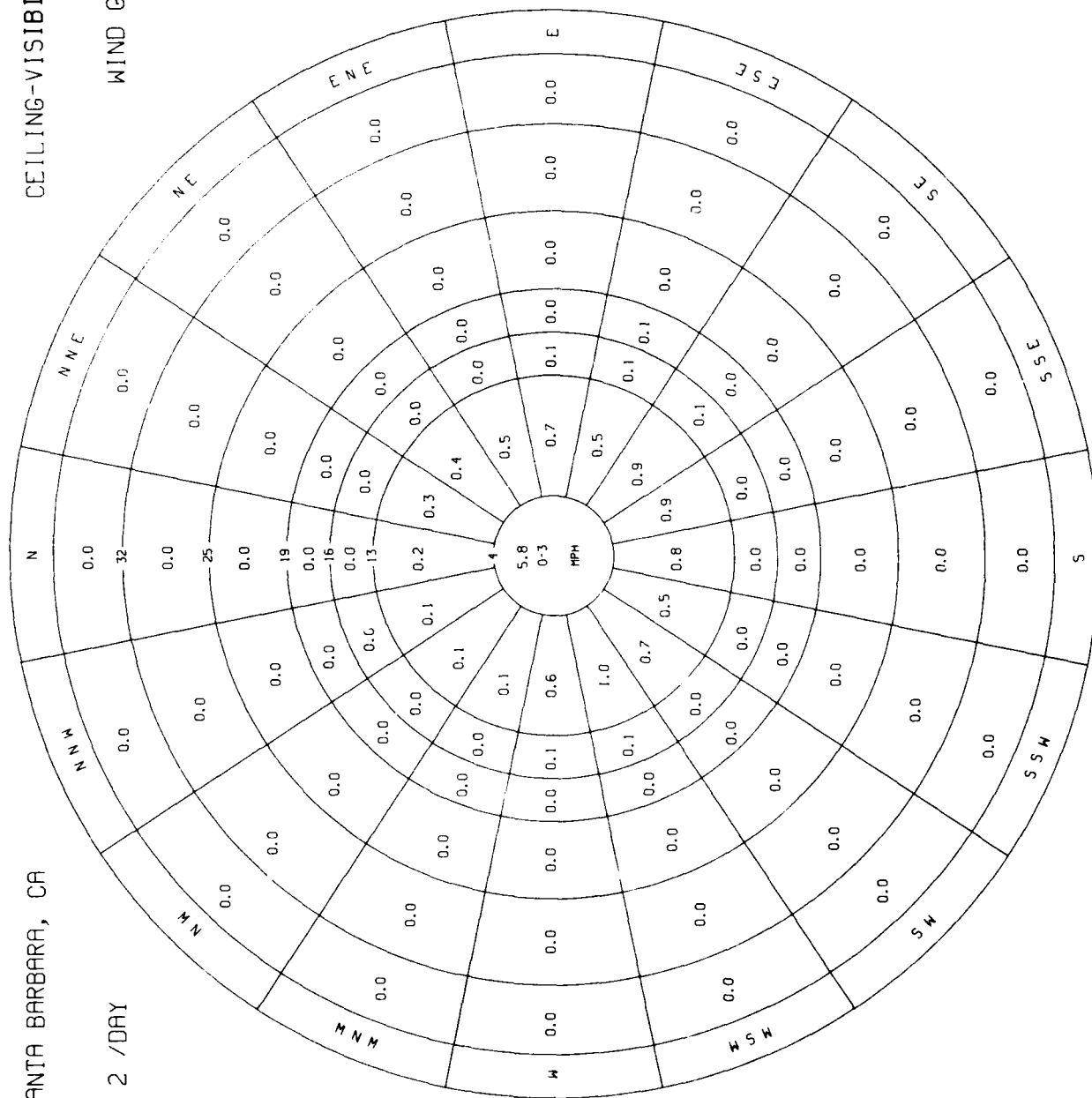
STATION NUMBER: 23190

NO. OBS.: 20555

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	1.2	1.5	2.1	2.5	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	3.7	4.6	6.4
NNE	1.0	1.3	2.0	2.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.2	3.9	5.9
NE	3.4	4.2	3.4	4.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	8.5	4.6
ENE	1.0	1.2	3.2	3.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.2	5.9
E	1.2	1.4	3.5	4.3	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	5.0	6.1	6.6
ESE	.3	.3	1.0	1.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	1.5	1.8	7.5
SE	.5	.6	1.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	6.1
SSE	.1	.2	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	6.6
S	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.4
SSW	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.5	5.6
SW	.3	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	5.1
WSW	.4	.4	1.4	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.3	6.7
W	.7	.8	2.5	3.1	.2	.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	3.6	4.4	7.3
WNW	.3	.4	1.5	1.9	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.2	2.8	8.3
NW	.7	.9	1.4	1.7	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	2.5	3.1	7.6
NNW	.4	.5	1.1	1.3	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	1.9	2.3	6.2
CALM	40.2	49.7														40.2	49.7	
TOTAL	51.8	64.1	25.8	31.9	1.8	2.2	1.0	1.2	.4	.5	.0	.1	.0	.0	.0	80.9	100	3.2

SBA SANTA BARBARA, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SBA SANTA BARBARA, CA

PERIOD: 1949-1978

CLASS 2 / DAY

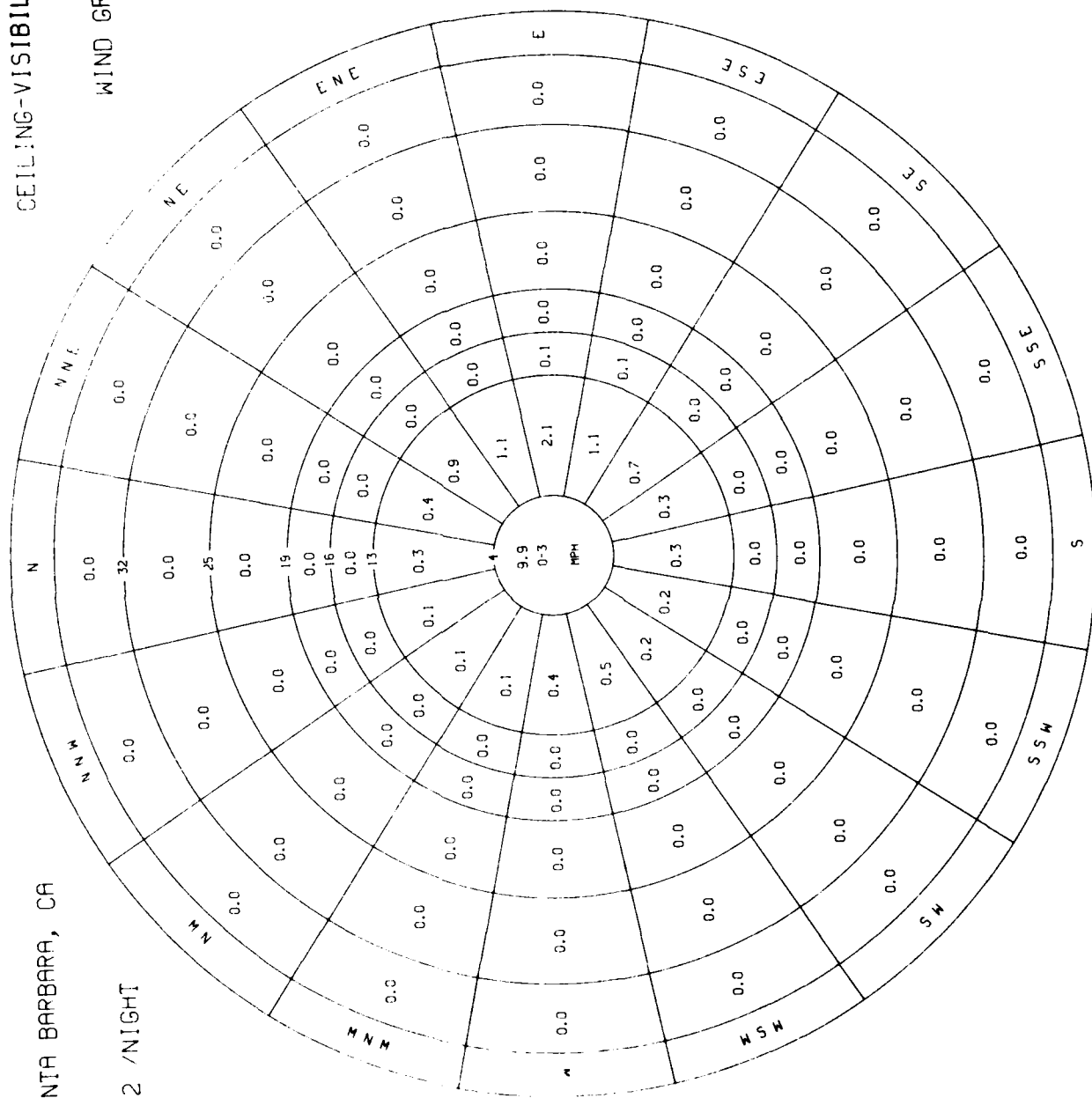
STATION NUMBER: 23190

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	.6	.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.9	5.0
NNE	.1	.7	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0	5.5
NE	.3	2.0	.4	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.9	4.7
ENE	.1	.8	.5	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.1	6.6
E	.2	1.6	.7	4.8	.1	.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	1.1	7.3	7.3
ESE	.1	.8	.5	3.6	.1	.4	.1	.5	.0	.2	.0	.0	.0	.0	.0	.8	5.5	9.0
SE	.3	2.2	.9	6.2	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.3	9.1	6.9
SSE	.2	1.4	.9	5.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.3	6.8
S	.3	1.9	.8	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	7.1	6.1
SSW	.1	.7	.5	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.1	6.5
SW	.2	1.6	.7	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.8	6.7
WSW	.2	1.3	1.0	6.8	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.6	7.6
W	.1	.9	.6	3.9	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	5.4	7.5
WNW	.0	.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	6.2
NW	.0	.3	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	5.0
NNW	.0	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	5.7
CALM	3.3	22.7														3.3	22.7	
TOTAL	5.8	39.8	8.2	55.9	.4	2.5	.2	1.2	.1	.5	.0	.0	.0	.0	.0	14.6	100	5.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 2 / NIGHT

NO. OBS.: 4859

STATION NUMBER: 23190

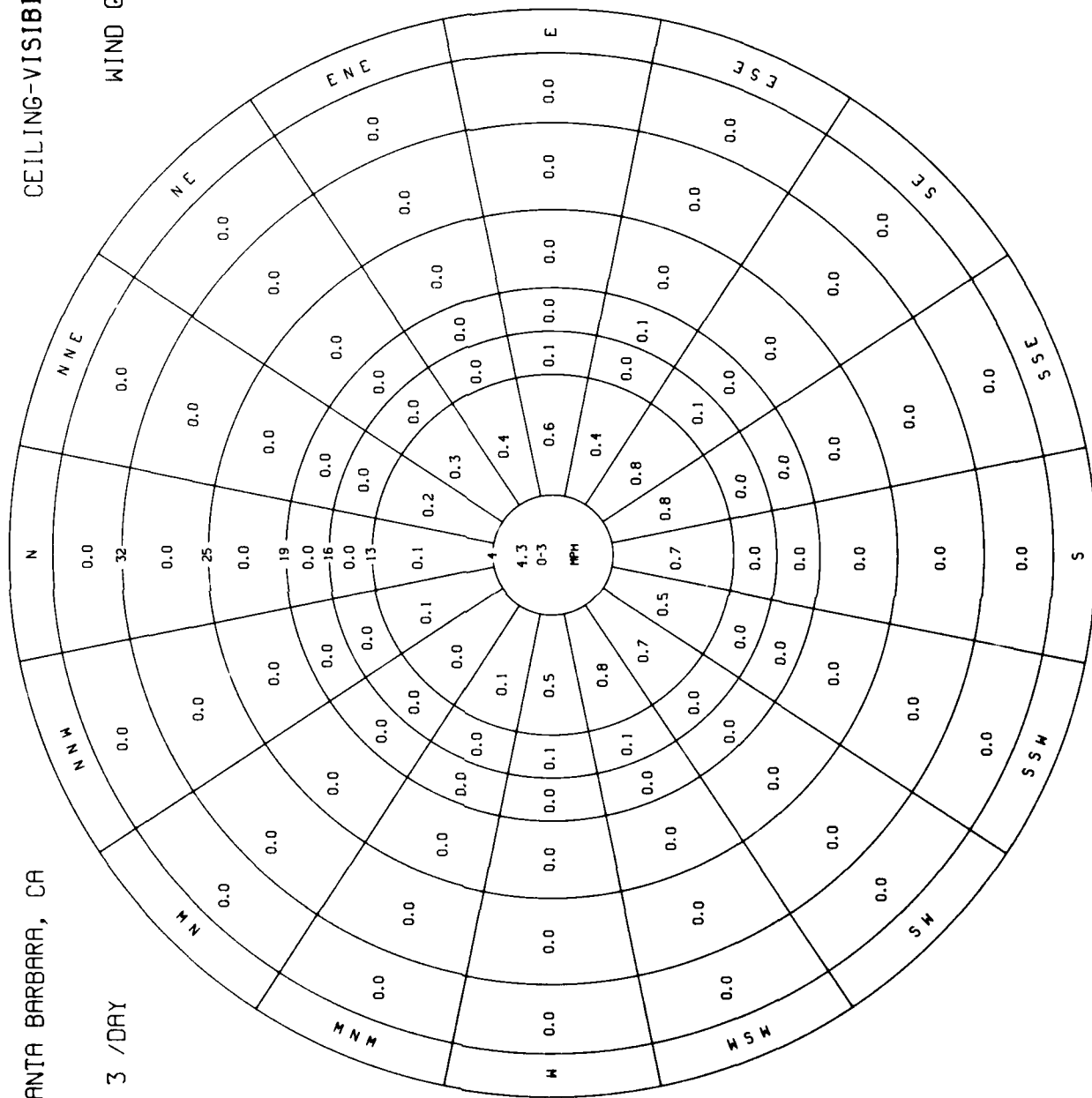
DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.1	.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 2.6
NNE	.2	1.2	.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.4
NNE	.7	3.4	.9	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 8.0
ENE	.3	1.4	1.1	5.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4 7.4
E	.6	2.9	2.1	10.8	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	2.8 14.4
ESE	.2	.8	1.1	5.6	.1	.4	.0	.2	.0	.2	.0	.0	.0	.0	1.4 7.4
SE	.4	1.9	.7	3.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	1.1 5.9
SSE	.1	.5	.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 2.2
S	.2	1.1	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 2.6
SSW	.1	.3	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.2
SW	.2	.8	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 2.1
WSW	.2	.8	.5	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.4
W	.1	.7	.4	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 2.9
WNW	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
NW	.1	.3	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 .9
NNW	.0	.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .6
CALM	6.5	34.2													6.5 34.2
TOTAL	9.9	52.0	8.7	45.6	.3	1.4	.1	.5	.1	.4	.0	.1	.0	.0	19.1 100

CEILING-VISIBILITY

WIND GRAPH

SBA SANTA BARBARA, CA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 3 / DAY

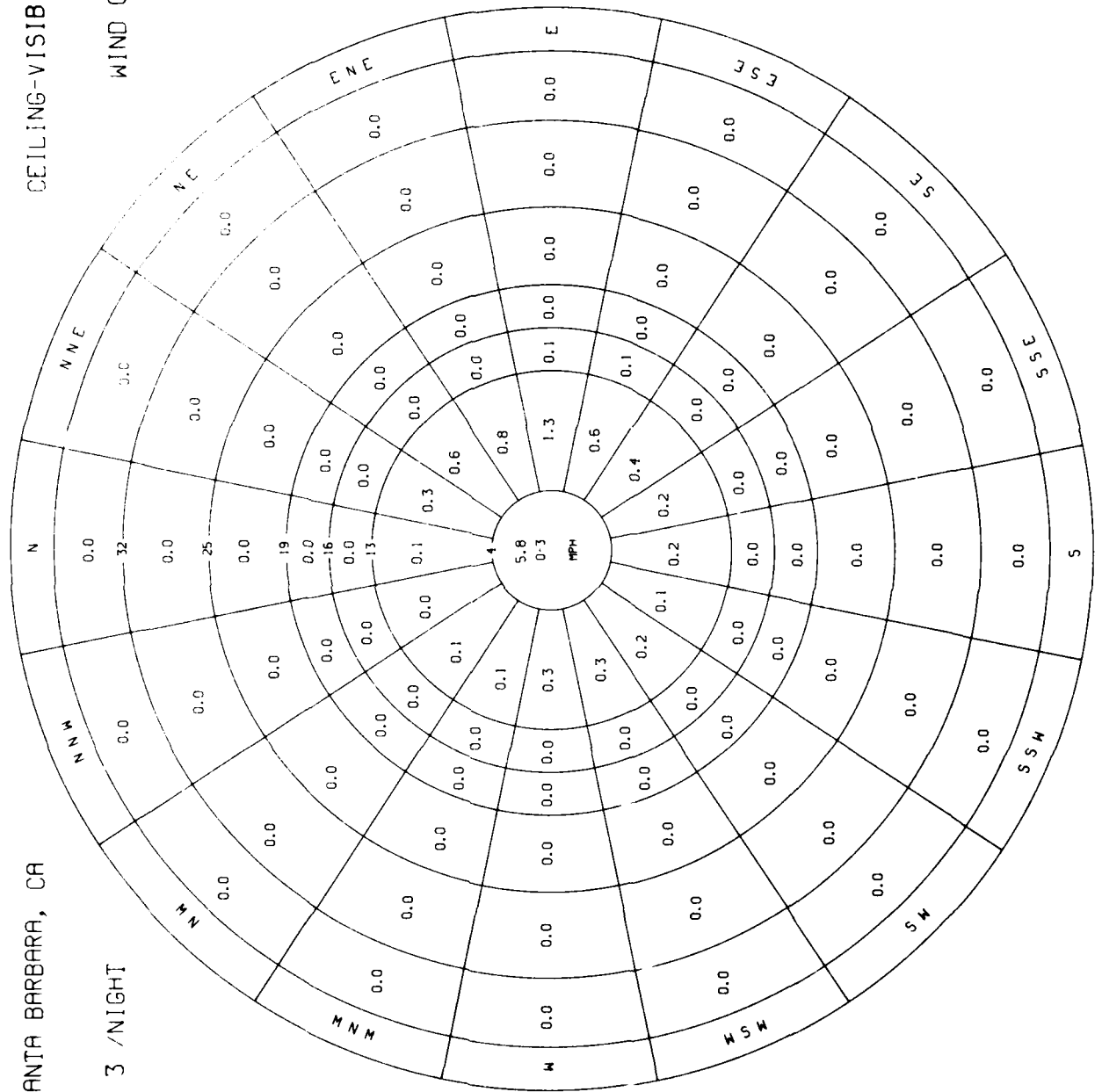
NO. OBS.: 3571

STATION NUMBER: 23190

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	
N	.0	.3	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.4
NNE	.1	.6	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.5
NE	.2	1.8	.3	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 4.4
ENE	.1	.8	.4	3.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5 4.1
E	.2	1.6	.6	4.9	.1	.5	.0	.3	.0	.2	.0	.0	.0	.0	.9 7.5
ESE	.1	.7	.4	3.6	.0	.4	.1	.6	.0	.2	.0	.0	.0	.0	.7 5.5
SE	.3	2.2	.8	6.8	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	1.2 9.8
SSE	.2	1.4	.8	6.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.9 8.0
S	.2	2.1	.7	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 8.1
SSW	.1	.7	.5	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 4.7
SW	.2	1.7	.7	5.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9 7.6
WSW	.2	1.3	.8	7.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.1 9.0
W	.1	.8	.5	4.1	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6 5.4
WNW	.0	.1	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
NW	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
NNW	.0	.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
CALM	2.4	19.9													2.4 19.9
TOTAL	4.3	36.4	7.0	58.8	.3	2.8	.2	1.3	.1	.6	.0	.0	.0	.0	11.9 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 3 / NIGHT

NO. OBS.: 2985

STATION NUMBER: 23190

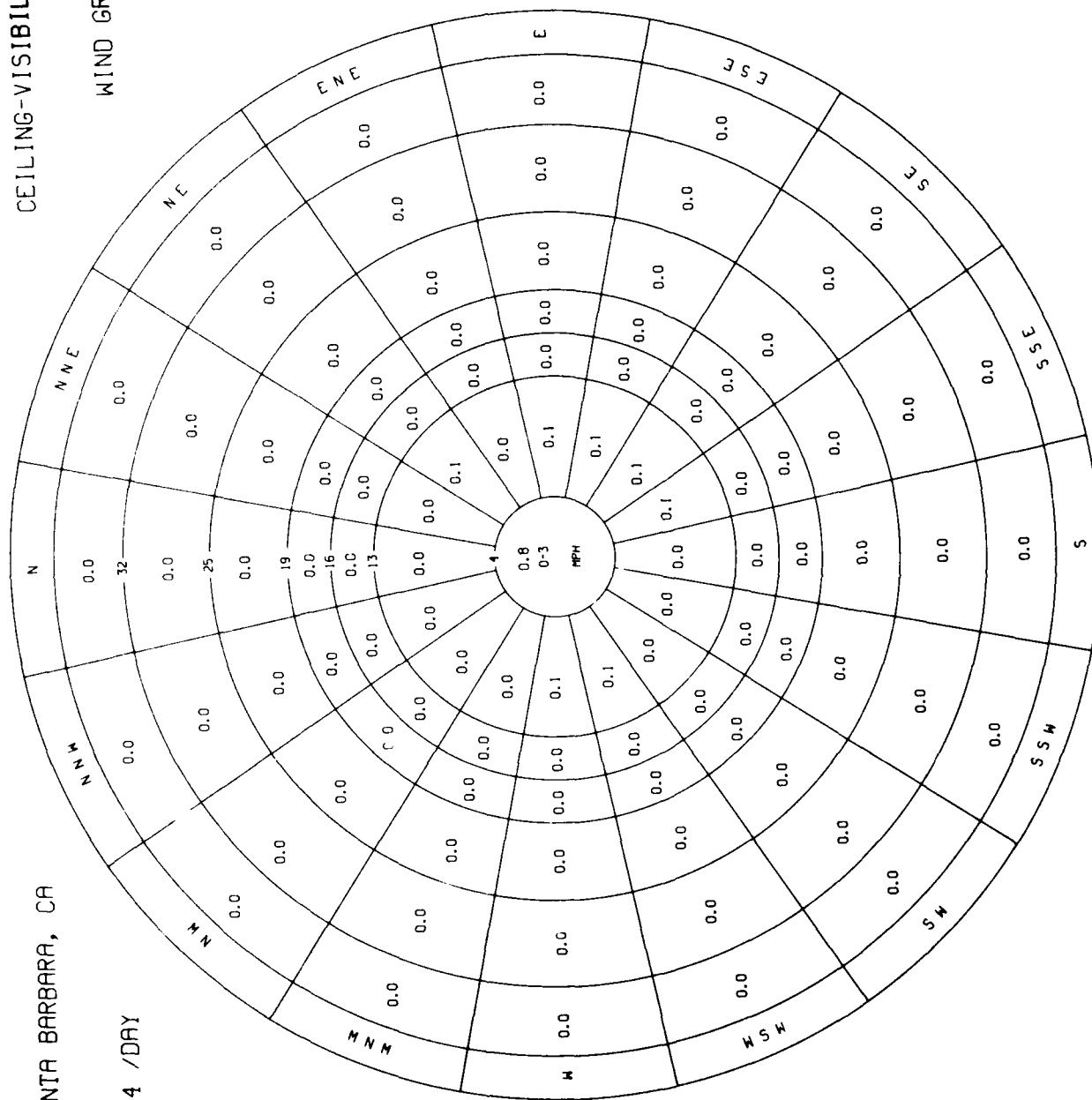
O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.1	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.2
NNE	.1	1.1	.3	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.3
NNE	.4	3.3	.6	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 8.4
ENE	.2	1.4	.8	6.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0 8.4
E	.3	2.6	1.3	11.2	.1	.8	.0	.2	.0	.1	.0	.1	.0	.0	1.8 14.9
ESE	.1	.6	.6	5.1	.1	.5	.0	.3	.0	.4	.0	.1	.0	.0	.8 7.0
SE	.2	1.5	.4	3.5	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.6 5.4
SSE	.1	.6	.2	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.3
S	.1	1.3	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.7
SSW	.0	.3	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.3
SW	.1	.9	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.4
WSW	.1	.9	.3	2.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5 4.0
W	.1	.9	.3	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.2
WNW	.0	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .8
NW	.0	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .8
NNW	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .6
CALM	3.8	32.3													3.8 32.3
TOTAL	.8	49.4	5.5	47.0	.2	2.1	.1	.7	.1	.6	.0	.1	.0	.0	11.7 100
															4.4

CEILING-VISIBILITY

WIND GRAPH

SBA SANTA BARBARA, CA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 4 / DAY

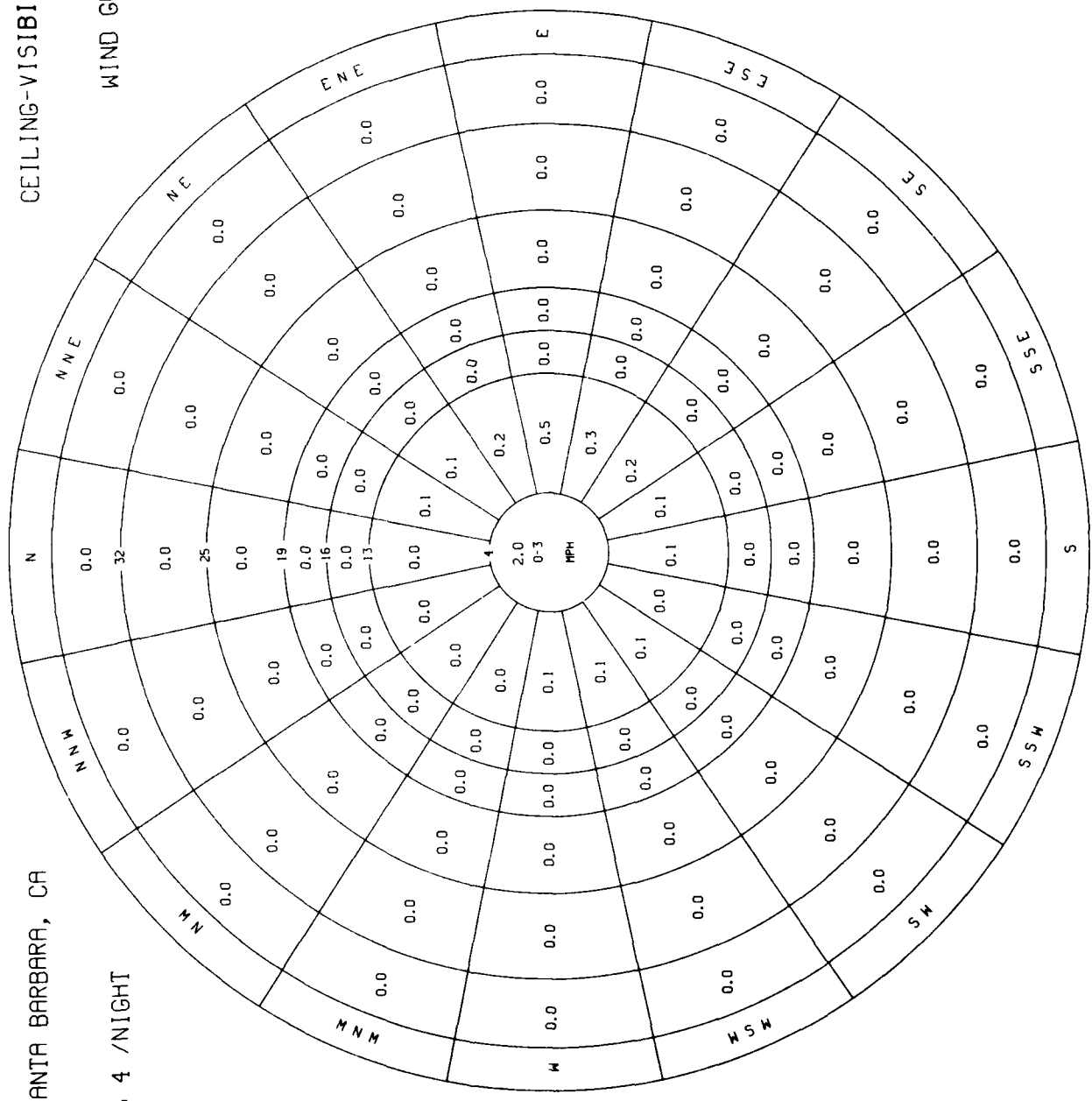
NO. OBS.: 510

STATION NUMBER: 23190

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	
N	.0	.6	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
NNE	.0	.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
NNE	.1	3.1	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
ENE	.0	1.2	.0	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.1
E	.0	2.0	.1	5.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.8
ESE	.0	1.4	.1	5.5	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	7.6
SE	.1	3.3	.1	5.1	.0	.2	.0	.4	.0	.2	.0	.0	.0	.0	9.2
SSE	.0	1.4	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
S	.0	1.2	.0	2.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	3.3
SSW	.0	.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
SW	.0	1.0	.0	2.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	3.9
WSW	.0	1.6	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8
W	.0	1.6	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
WNW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NNW	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
NNW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
CALM	.5	28.0													28.0
TOTAL	.8	48.2	.8	49.4	.0	1.0	.0	.8	.0	.6	.0	.0	.0	.0	1.7 100

CEILING-VISIBILITY

WIND GRAPH



SBA SANTA BARBARA, CA

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 4 / NIGHT

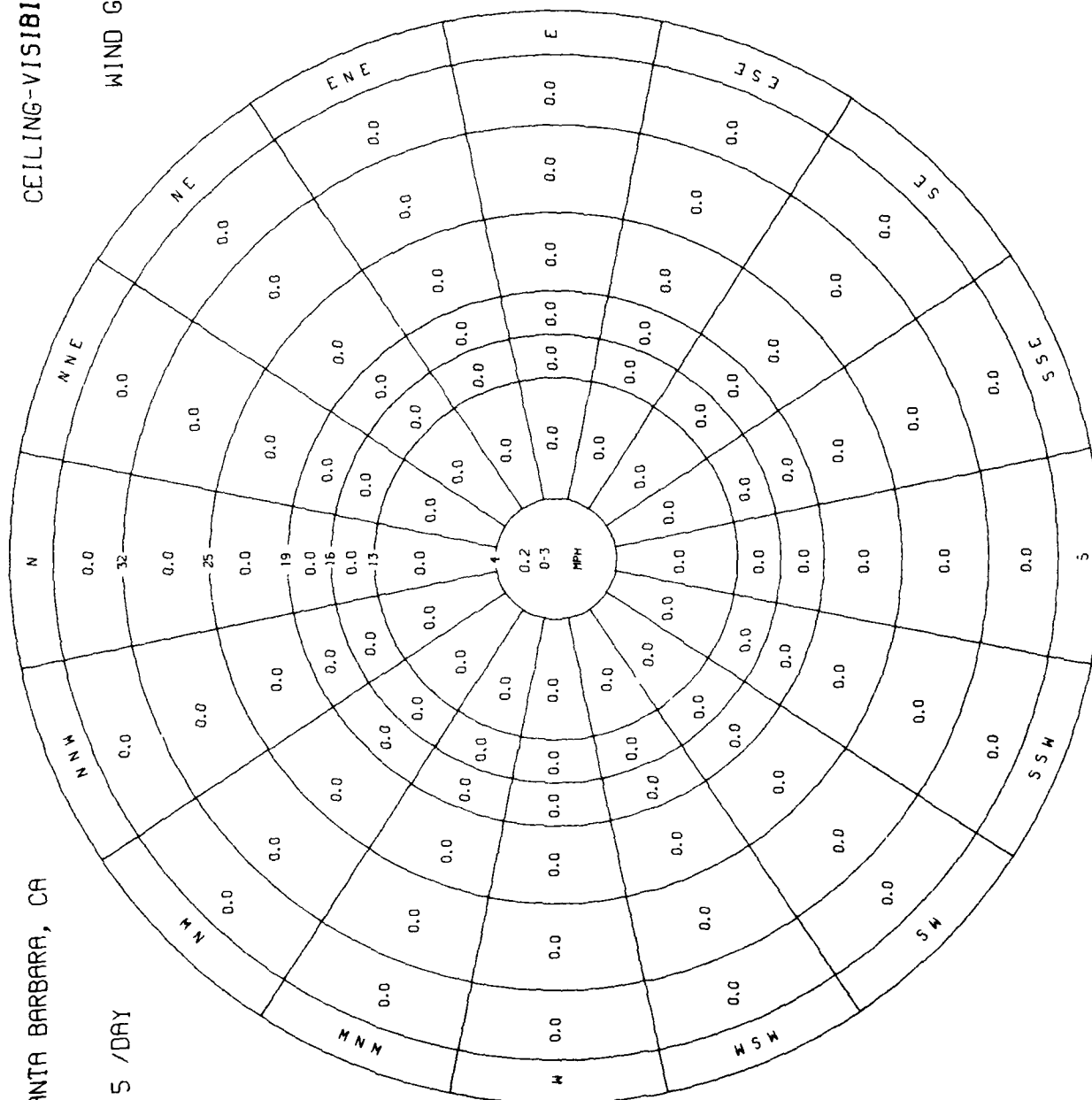
NO. OBS.: 997

STATION NUMBER: 23190

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	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	5.0
NNE	.0	.8	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.6
NE	.1	2.7	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.5	4.5
ENE	.0	1.2	.2	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.1	6.6
E	.2	4.2	.5	12.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	17.3	6.8
ESE	.1	2.0	.3	8.2	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.4	10.8	7.0
SE	.1	3.3	.2	5.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.3	8.5	5.3
SSE	.0	.4	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	5.8
S	.0	1.1	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	4.8
SSW	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.5
SW	.0	.6	.1	1.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.0	5.2
WSW	.0	.8	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	5.2
W	.0	.6	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	6.3
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.4
NW	.0	.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.6
NNW	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0
CALM	1.2	31.5													1.2	31.5	
TOTAL	2.0	50.2	1.9	48.6	.0	.8	.0	.3	.0	.1	.0	.0	.0	.0	3.9	100	4.1

CEILING-VISIBILITY

WIND GRAPH



SBA SANTA BARBARA, CA

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: SBA SANTA BARBARA, CA

CLASS 5 / DAY

NO. OBS.: 117

STATION NUMBER: 23190

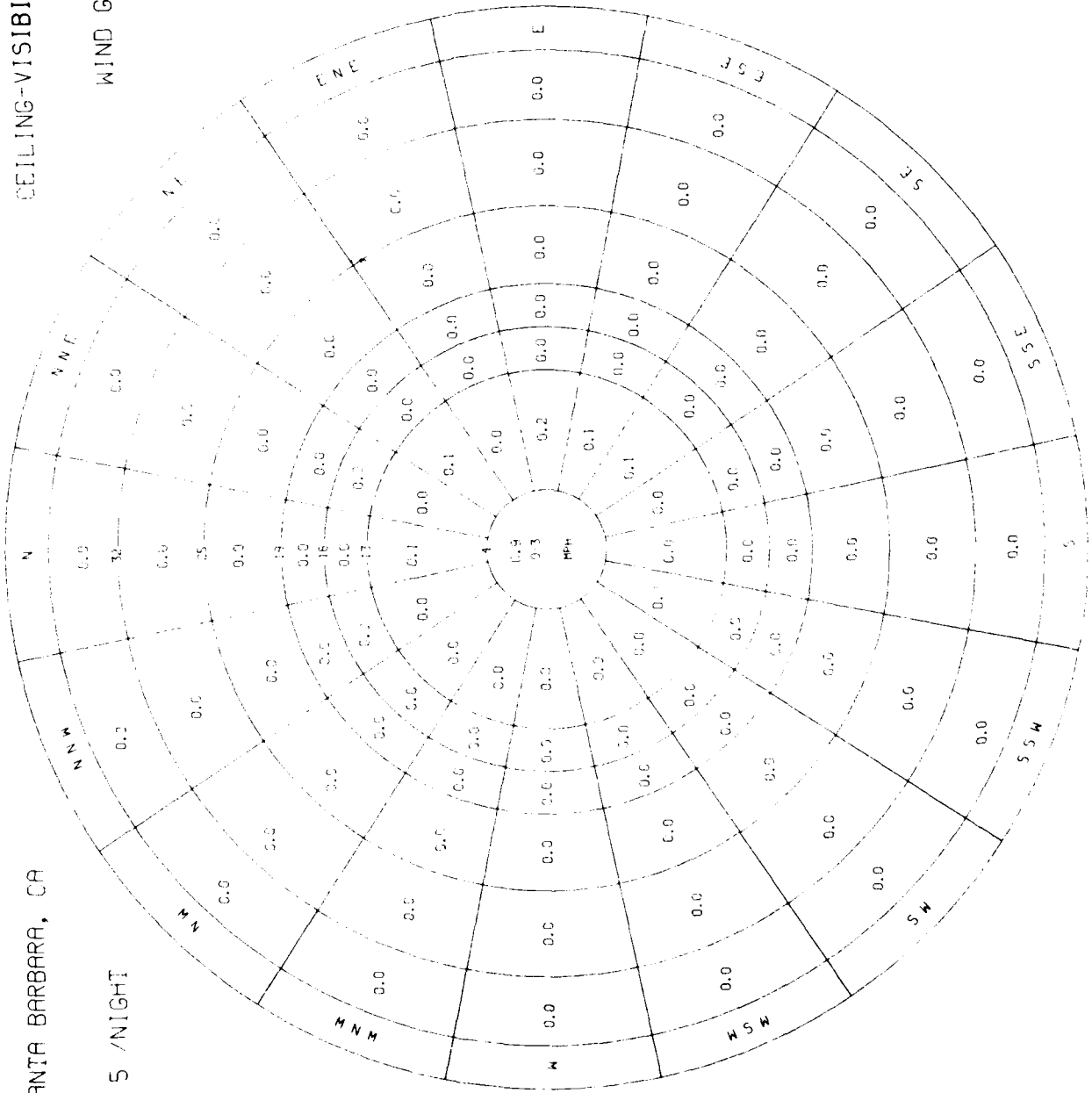
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.0
NNE	.0	1.7	.0	4.3	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.1
NE	.0	3.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	3.0
ENE	.0	1.7	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.0
E	.0	1.7	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	5.0
ESE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.0
SE	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.3
SSE	.0	.9	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.7
S	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.3
WSW	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.9
W	.0	3.4	.0	6.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	6.4
WNW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
NW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.0
NNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
CALM	.1	35.9														.1	35.9	
TOTAL	.2	57.3	.2	40.2	.0	1.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.4	100	3.4

CEILING-VISIBILITY

WIND GRAPH

SBA SANTA BARBARA, CA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SBA SANTA BARBARA, CA

PERIOD: 1949-1978

CLASS 5 / NIGHT

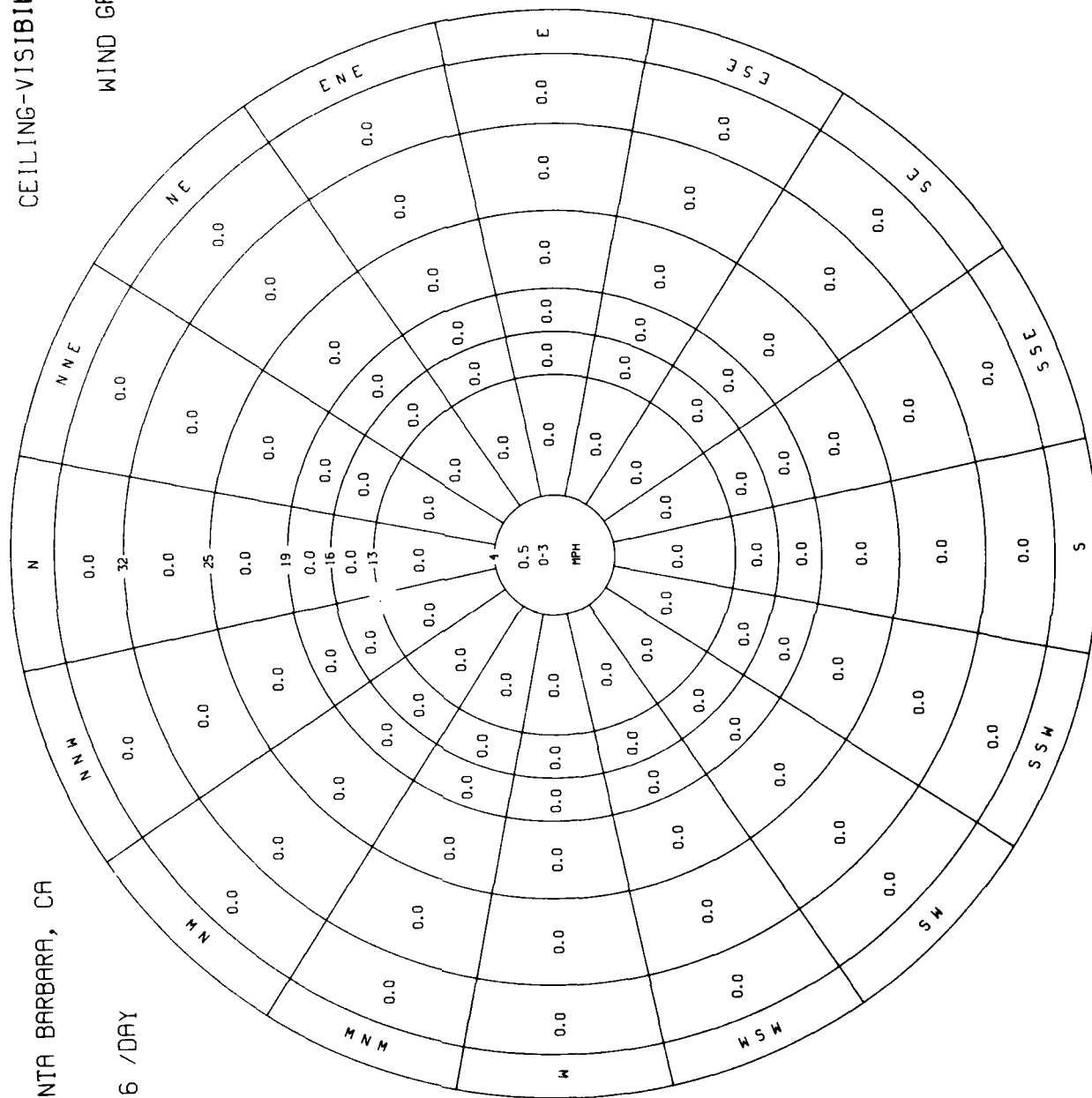
STATION NUMBER: 23190

NO. OBS.: 405

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	
N	.0	1.5	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
NNE	.0	1.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
NE	.0	3.0	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.4
ENE	.0	2.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
E	.1	4.0	.2	10.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 14.8
ESE	.0	.5	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.4
SE	.0	2.7	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.9
SSE	.0	.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
S	.0	.7	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
SW	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
WSW	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
W	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
WNW	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NW	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
CALM	.6	35.1													.6 35.1
TOTAL	.9	54.3	.7	45.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6 100
															3.6

SBA SANTA BARBARA, CA

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SBA SANTA BARBARA, CA

PERIOD: 1949-1978

CLASS 6 / DAY

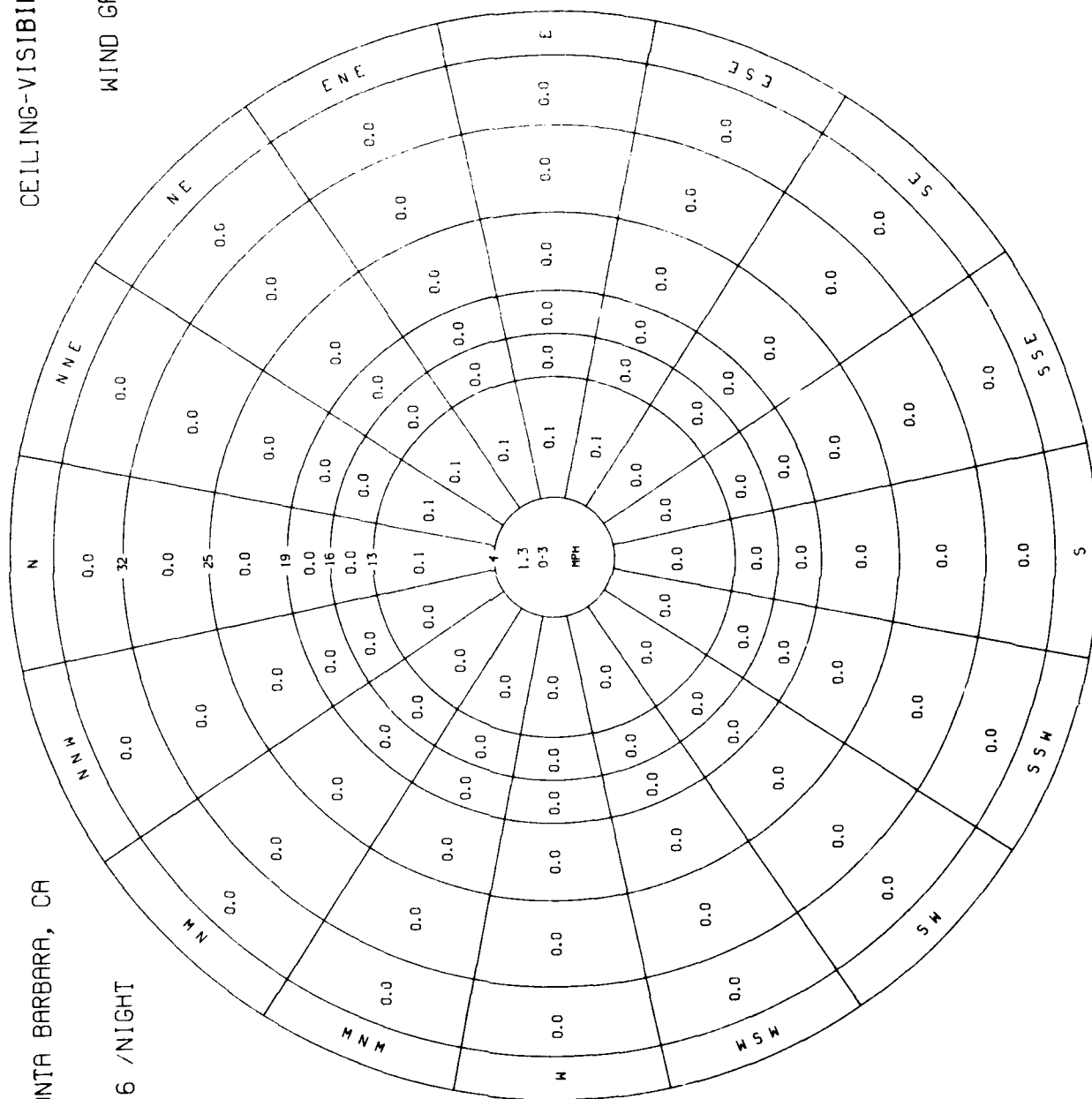
STATION NUMBER: 23190

NO. OBS.: 196

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	
N	.0	5.1	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.7
NNE	.0	2.6	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.2
NE	.0	3.1	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.2
ENE	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
E	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
ESE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SSE	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
S	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SSW	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WSW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
W	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
NW	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
NNW	.0	.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
CALM	.3	51.0													.3 51.0
TOTAL	.5	70.9	.2	29.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 100

SBA SANTA BARBARA, CA

CLASS 6 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SBA SANTA BARBARA, CA

PERIOD: 1949-1978

CLASS 6 / NIGHT

STATION NUMBER: 23190

NO. OBS.: 472

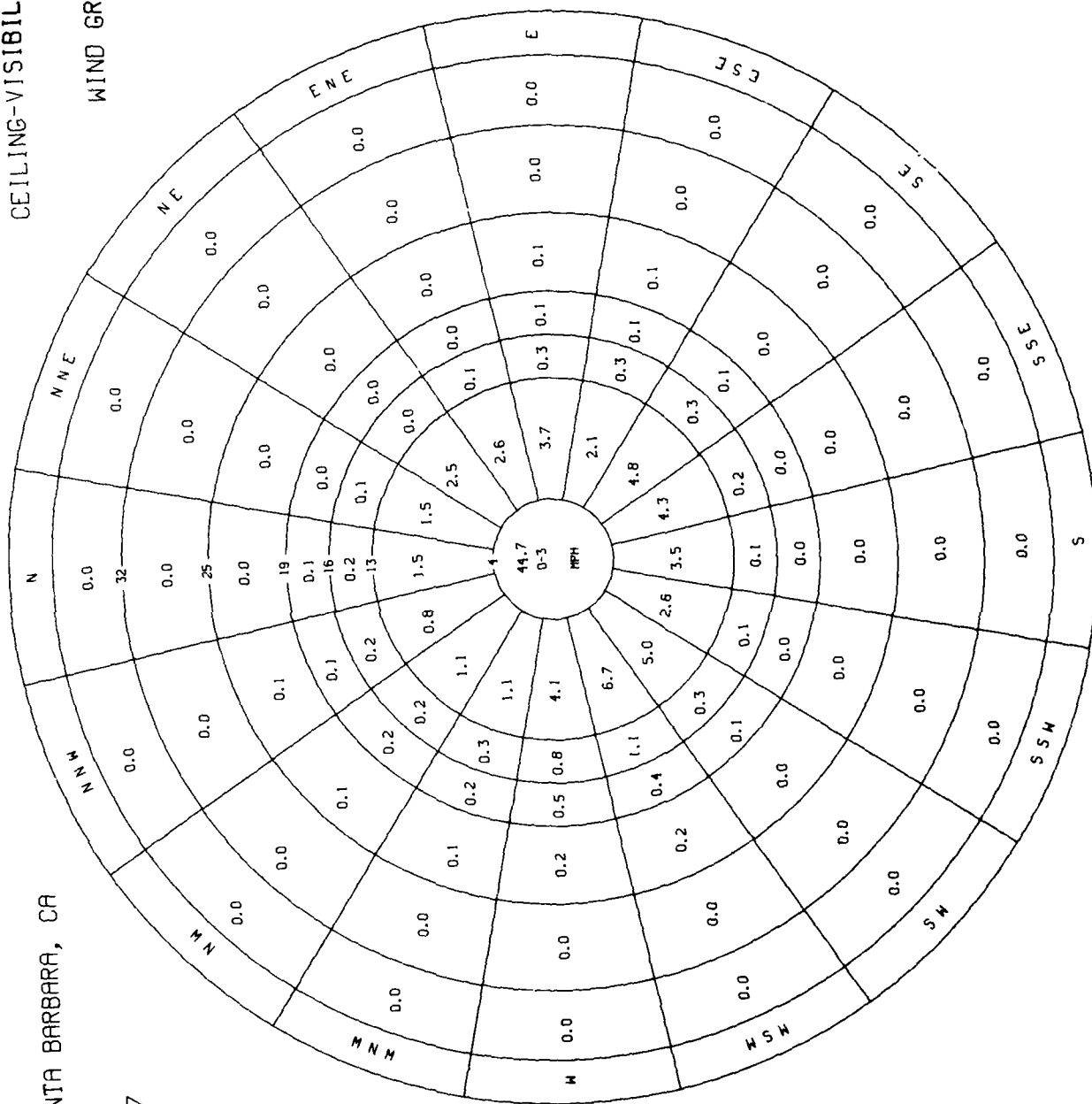
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.3	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	4.8
NNE	.1	3.0	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	4.2
NE	.1	5.9	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.0	4.2
ENE	.0	1.3	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	5.1
E	.0	1.1	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	5.1
ESE	.0	.2	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	7.2
SE	.0	.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.9
SSE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
S	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.5
SSW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0
SW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.8
WSW	.0	.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.1
W	.0	.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
WNW	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.0
NW	.0	1.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.2
NNW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.0
CALM	1.0	51.7													1.0	51.7	
TOTAL	1.3	69.7	.6	30.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	100	2.3

CEILING-VISIBILITY

WIND GRAPH

SBA SANTA BARBARA, CA

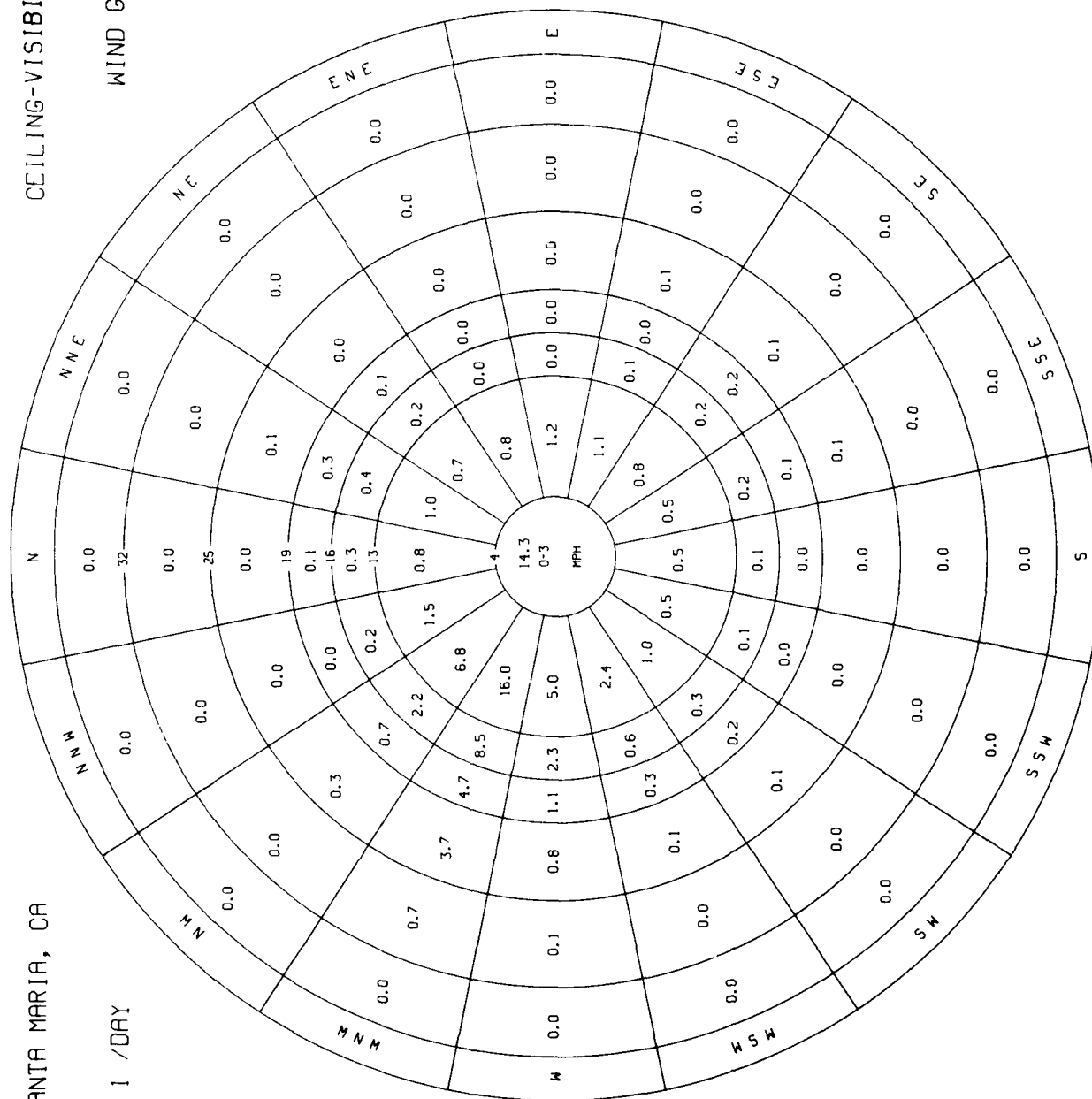
CLASS 7



SMX SANTA MARIA, CA

WIND GRAPH

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1955-1963

STATION NAME: SMX SANTA MARIA, CA

CLASS 1 / DAY

NO. OBS.: 12130

STATION NUMBER: 23273

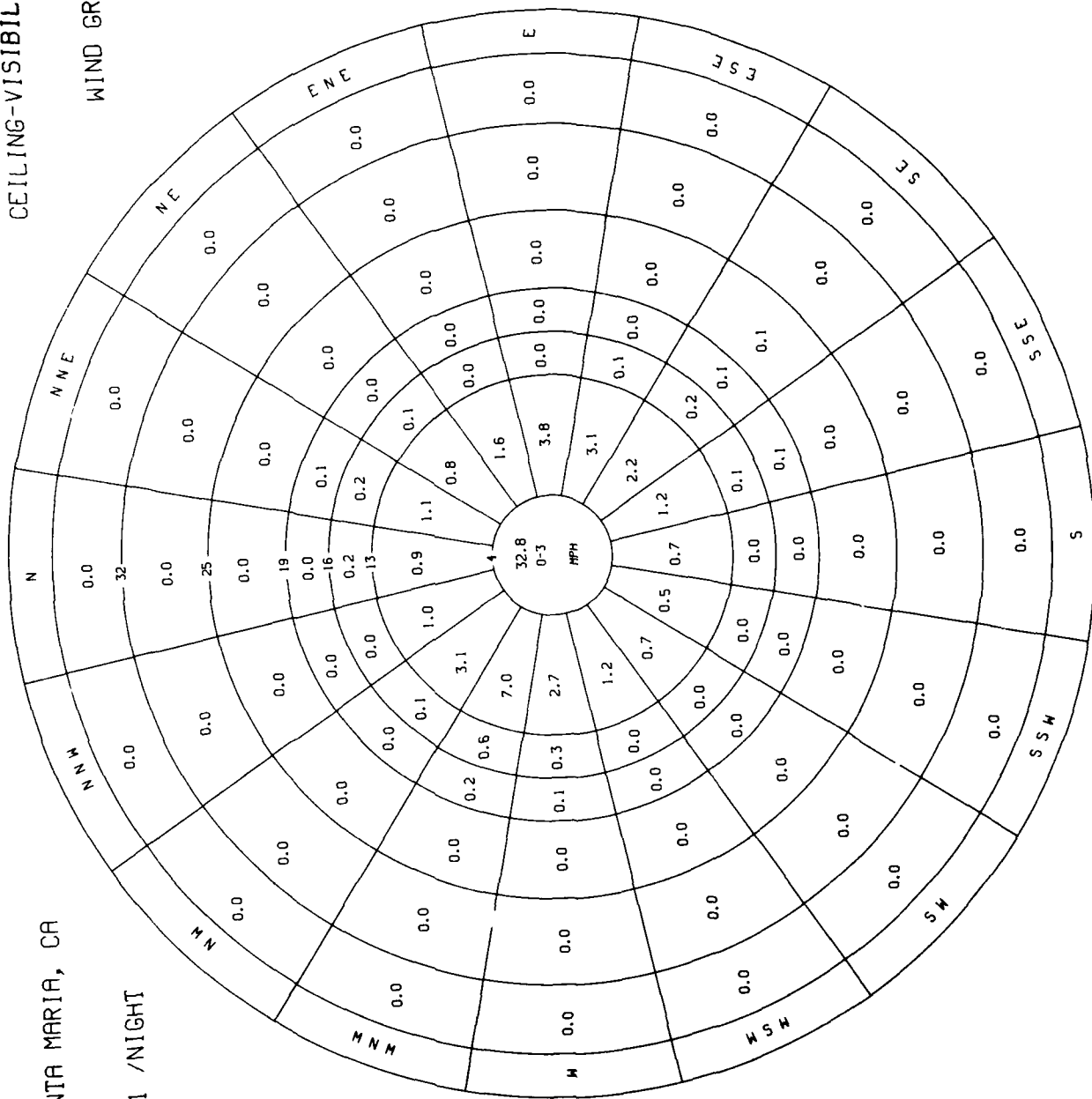
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	.8	.9	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	1.5	1.8	9.4
NNE	.3	.3	1.0	1.2	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	2.0	2.3	10.3
NE	.3	.4	.7	.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.6	8.3
ENE	.3	.3	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.3	5.5
E	.4	.5	1.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	5.3
ESE	.4	.5	1.1	1.2	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	1.7	2.0	7.5
SE	.2	.3	.8	1.0	.2	.3	.2	.2	.1	.2	.0	.0	.0	.0	1.6	1.9	10.5
SSE	.1	.2	.5	.6	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.1	1.2	10.6
S	.1	.2	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	7.6
SSW	.2	.2	.5	.6	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.9	1.0	8.2
SW	.3	.3	1.0	1.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	1.8	2.1	9.4
WSW	.3	.4	2.4	2.8	.6	.7	.3	.4	.1	.1	.0	.0	.0	.0	3.7	4.4	9.4
W	.4	.5	5.0	5.9	2.3	2.7	1.1	1.3	.8	.9	.1	.1	.0	.0	9.8	11.5	11.8
WNW	.6	.7	16.0	18.8	8.5	9.9	4.7	5.6	3.7	4.3	.7	.8	.0	.1	34.3	40.3	13.0
NW	.3	.4	6.8	7.9	2.2	2.5	.7	.9	.3	.4	.0	.1	.0	.0	10.4	12.2	10.6
NNW	.2	.2	1.5	1.8	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.9	2.3	8.0
CALM	9.6	11.3											.9	1.1	.1	.1	10.0
TOTAL	14.3	16.8	40.7	47.8	15.6	18.4	8.0	9.4	5.4	6.4	.9	1.1	.1	.1	85.1	100	

CEILING-VISIBILITY

WIND GRAPH

SMX SANTA MARIA, CA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMX SANTA MARIA, CA

PERIOD: 1955-1963

CLASS 1 / NIGHT

STATION NUMBER: 23273

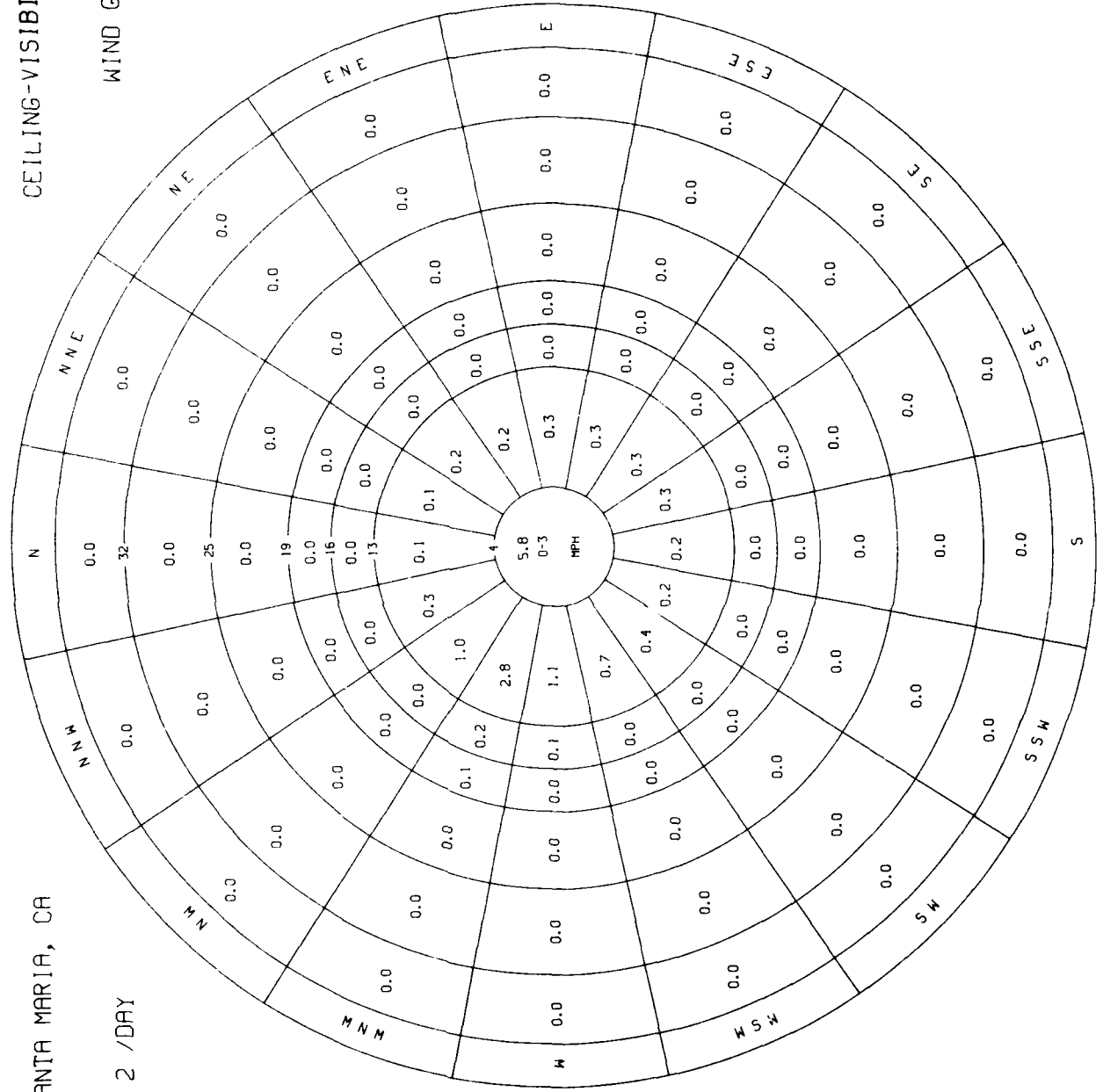
NO. OBS.: 8154

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	
N	.2	.3	.9	1.4	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.3 2.0 8.1
NNE	.4	.6	1.1	1.7	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.9 2.7 7.5
NE	.5	.7	.8	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4 2.1 6.2
ENE	.7	1.0	1.6	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3 3.4 5.3
E	1.3	1.9	3.8	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1 7.6 5.3
ESE	1.2	1.8	3.1	4.6	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	4.4 6.6 5.5
SE	.6	.9	2.2	3.2	.2	.3	.1	.2	.1	.2	.0	.0	.0	.0	3.3 4.8 7.5
SSE	.3	.5	1.2	1.7	.1	.2	.1	.2	.0	.0	.0	.0	.0	.0	1.8 2.6 7.4
S	.2	.3	.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 1.4 6.7
SSW	.3	.4	.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 1.2 5.2
SW	.3	.5	.7	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.5 5.3
WSW	.4	.6	1.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7 2.4 6.0
W	.5	.8	2.7	4.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.7 5.4 7.4
WNW	1.0	1.4	7.0	10.4	.6	.9	.2	.4	.0	.0	.0	.0	.0	.0	8.9 13.1 7.8
NW	.5	.7	3.1	4.6	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	3.8 5.6 7.0
NNW	.2	.4	1.0	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3 2.0 6.6
CALM	24.1	35.6													24.1 35.6
TOTAL	32.8	48.4	31.8	46.9	2.1	3.0	.8	1.2	.2	.4	.0	.0	.0	.0	67.7 100 4.3

SMX SANTA MARIA, CA

CLASS 2 /DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMX SANTA MARIA, CA

PERIOD: 1955-1963

CLASS 2 / DAY

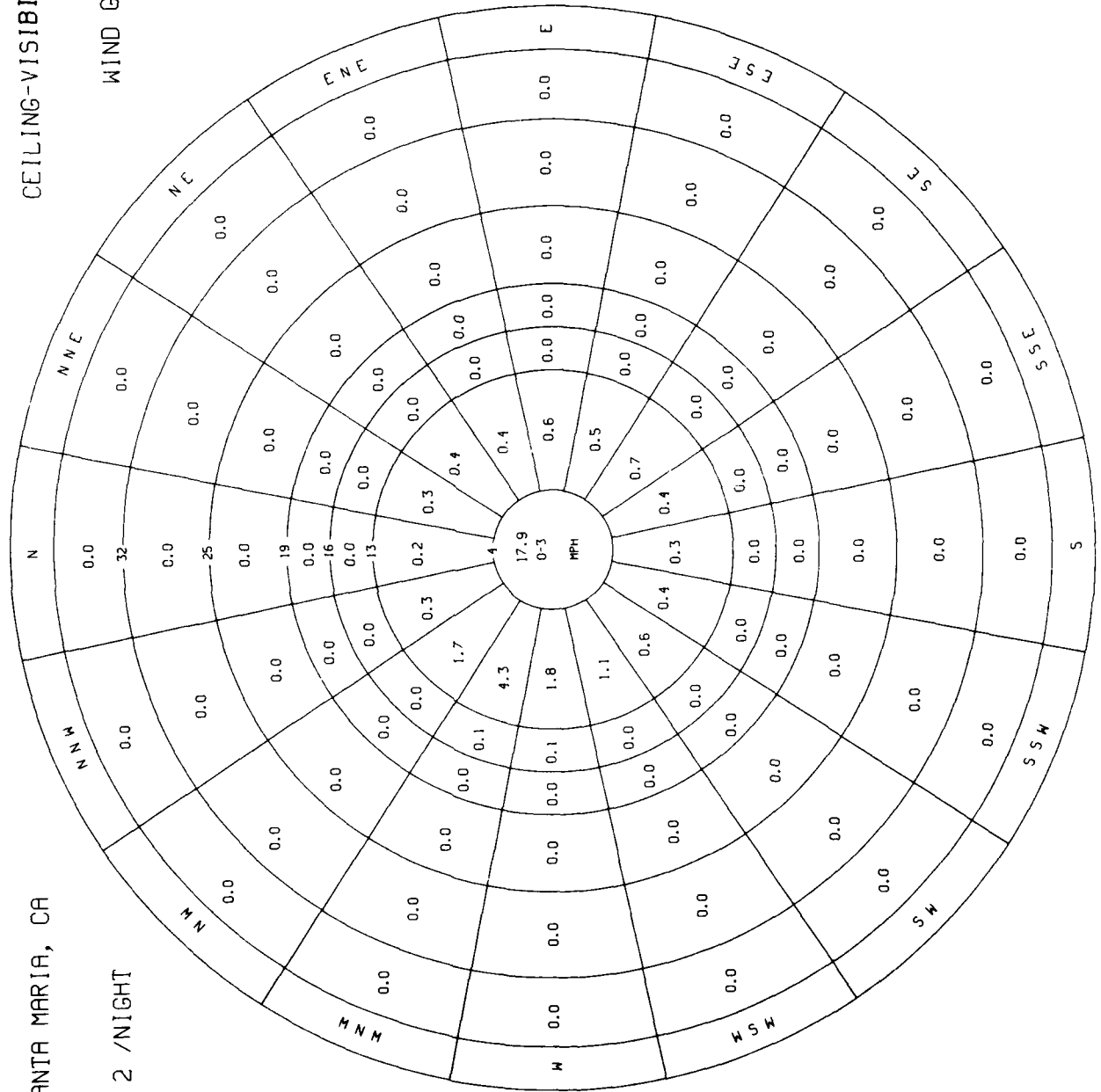
STATION NUMBER: 23273

NO. OBS.: 2124

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	
N	.0	.3	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
NNE	.1	.4	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NE	.0	.3	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
ENE	.1	.6	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
E	.0	.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
ESE	.1	.8	.3	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4
SE	.1	.5	.3	1.9	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.4
SSE	.0	.3	.3	1.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.4
S	.0	.2	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
SSW	.1	.5	.2	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3
SW	.1	.7	.4	2.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3
WSW	.1	.9	.7	4.4	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.5
W	.1	.9	1.1	7.3	.1	.5	.0	.0	.0	.1	.0	.0	.0	.0	.9
WNW	.3	2.0	2.8	18.8	.2	1.6	.1	.5	.0	.0	.0	.0	.0	.0	1.3
NW	.2	1.5	1.0	6.9	.0	.2	.0	.1	.0	.3	.0	.0	.0	.0	3.5
NNW	.1	.6	.3	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
CALM	4.2	28.1													4.2
TOTAL	5.8	38.9	8.3	55.7	.5	3.2	.2	1.3	.1	.7	.0	.1	.0	.0	14.9

SMX SANTA MARIA, CA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1955-1963

STATION NAME: SMX SANTA MARIA, CA

CLASS 2 / NIGHT

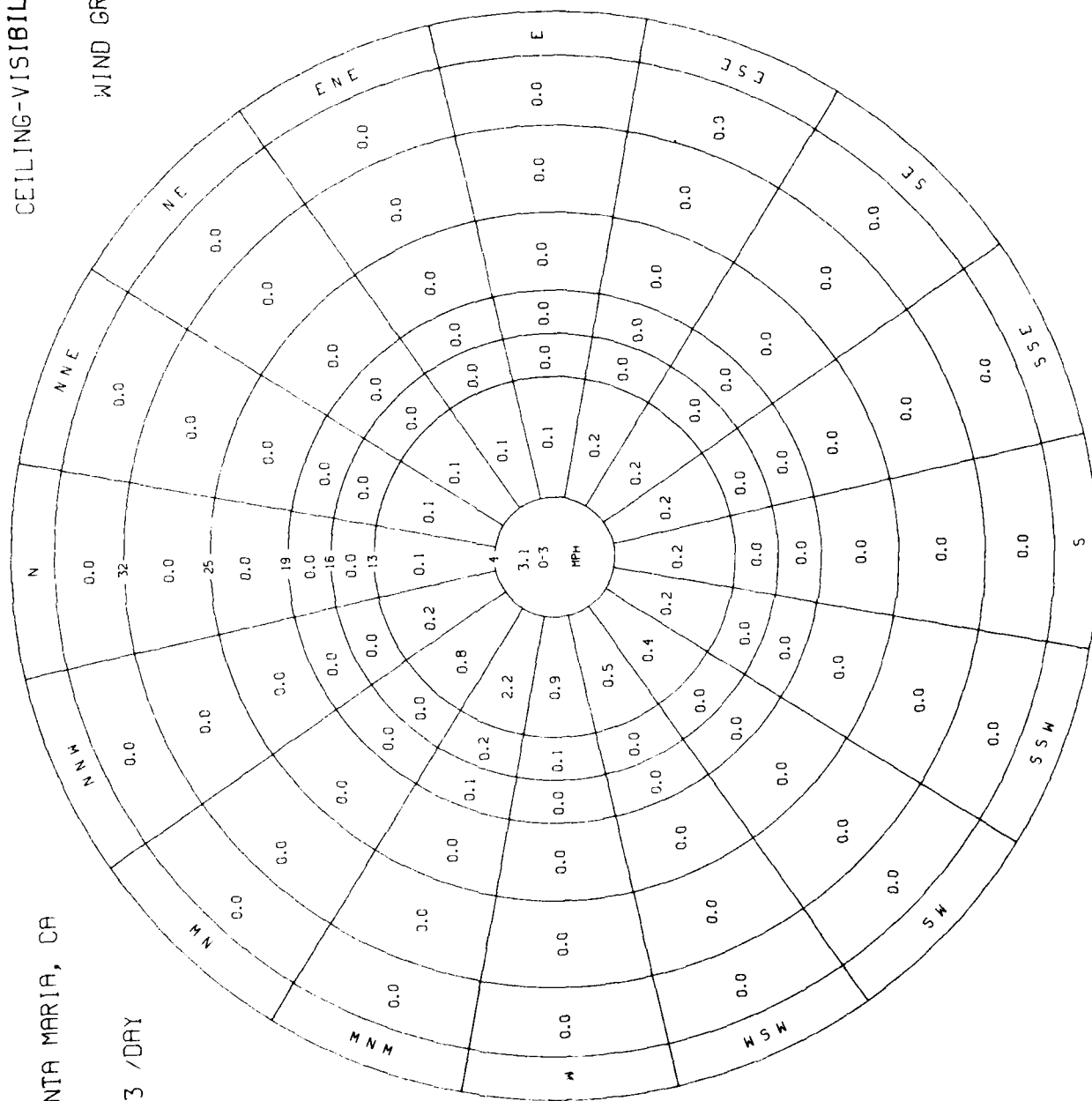
NO. OBS.: 3885

STATION NUMBER: 23273

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	.6	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.1	4.0			
NNE	.3	.8	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.7	4.0			
NE	.2	.7	.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.8	4.3			
ENE	.2	.6	.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.8	4.7			
E	.3	.9	.6	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.8	4.8			
ESE	.3	1.0	.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.5	4.6			
SE	.2	.6	.7	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.9	2.9	6.3			
SSE	.2	.5	.4	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.6	1.9	6.5			
S	.1	.2	.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.1	6.0			
SSW	.1	.4	.4	1.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.5	1.7	5.8			
SW	.2	.5	.6	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.8	2.5	6.4			
WSW	.3	1.0	1.1	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.5	5.8			
W	.3	1.1	1.8	5.7	.1	.2	.0	.1	.0	.0	.0	.0	.0	2.3	7.1	6.5			
WNW	.8	2.5	4.3	13.3	.1	.4	.0	.0	.0	.0	.0	.0	.0	5.3	16.3	6.6			
NW	.4	1.3	1.7	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.5	5.7			
NNW	.2	.6	.3	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.6	4.5			
CALM	13.6	42.2					.1	.3	.1	.2	.0	.1		13.6	42.2				
TOTAL	17.9	55.5	13.9	43.0	.3	.9	.1	.3	.1	.2	.0	.1	.0	32.3	100	3.4			

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMx SANTA MARIA, CA

PERIOD: 1955-1963

CLASS 3 / DAY

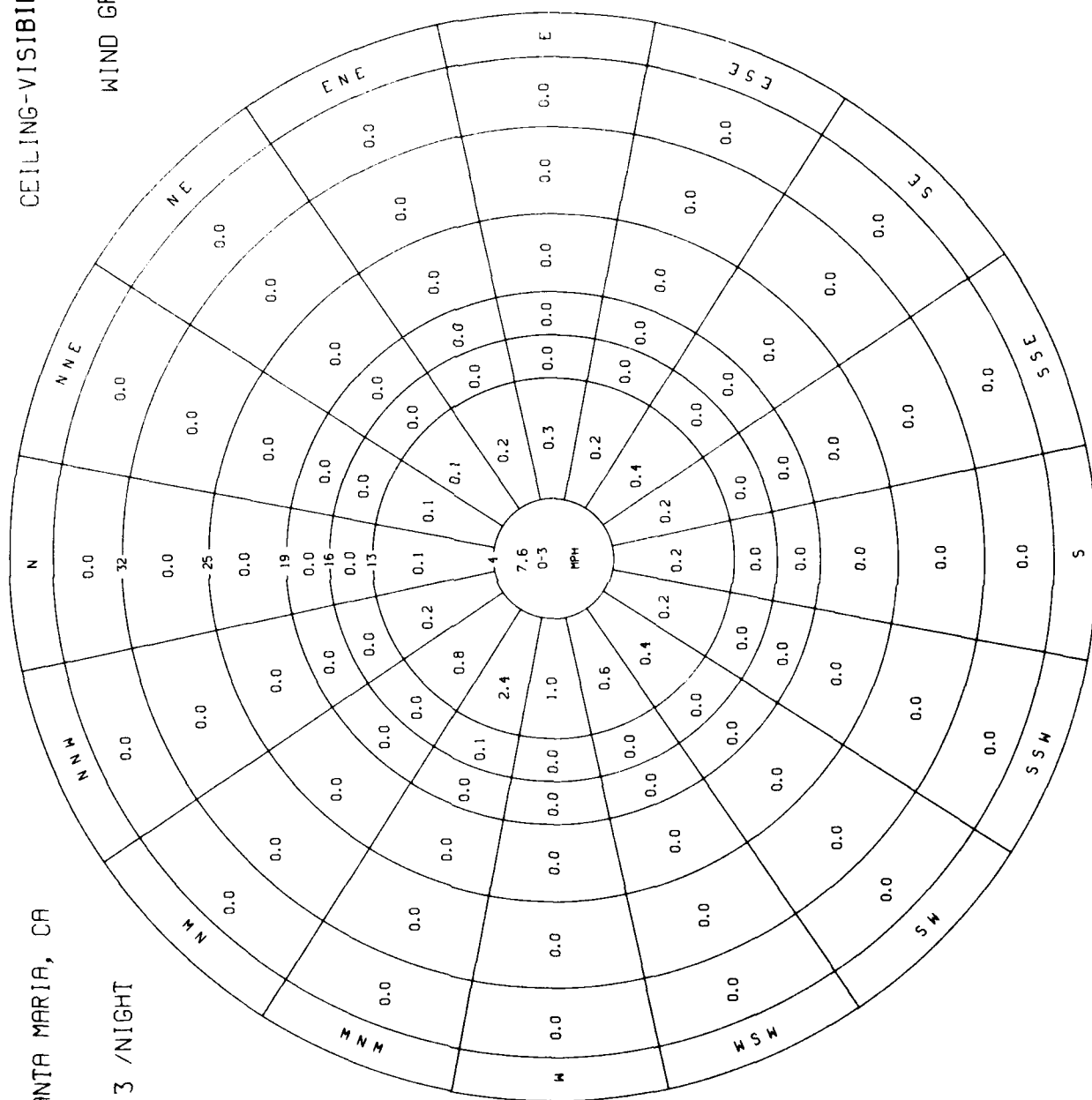
STATION NUMBER: 23273

NO. OBS.: 1469

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	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.6
NNE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.0
NE	.0	.2	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	5.4
ENE	.0	.5	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	5.2
E	.0	.2	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	5.8
ESE	.1	.5	.2	1.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.5	6.9
SE	.1	.5	.2	2.1	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.3	3.2	8.0
SSE	.0	.3	.2	2.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.3	3.0	8.5
S	.0	.2	.2	2.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	2.2	7.1
SSW	.0	.5	.2	1.6	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.3	2.7	8.2
SW	.1	.7	.4	3.8	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.5	4.8	6.9
WSW	.1	.7	.5	5.0	.0	.3	.0	.1	.0	.1	.0	.1	.0	.0	.6	6.3	7.7
W	.1	.8	.9	8.3	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	1.0	10.0	7.9
WNW	.2	2.2	2.2	21.0	.2	1.9	.1	.6	.0	.4	.0	.1	.0	.0	2.7	26.2	8.4
NW	.1	1.2	.8	7.4	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.9	8.9	7.1
NNW	.0	.4	.2	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.6	5.6
CALM	2.1	20.6													2.1	20.6	
TOTAL	3.1	30.4	6.4	62.5	.4	4.2	.2	1.7	.1	1.0	.0	.2	.0	.0	10.3	100	6.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMX SANTA MARIA, CA

PERIOD: 1955-1963

CLASS 3 / NIGHT

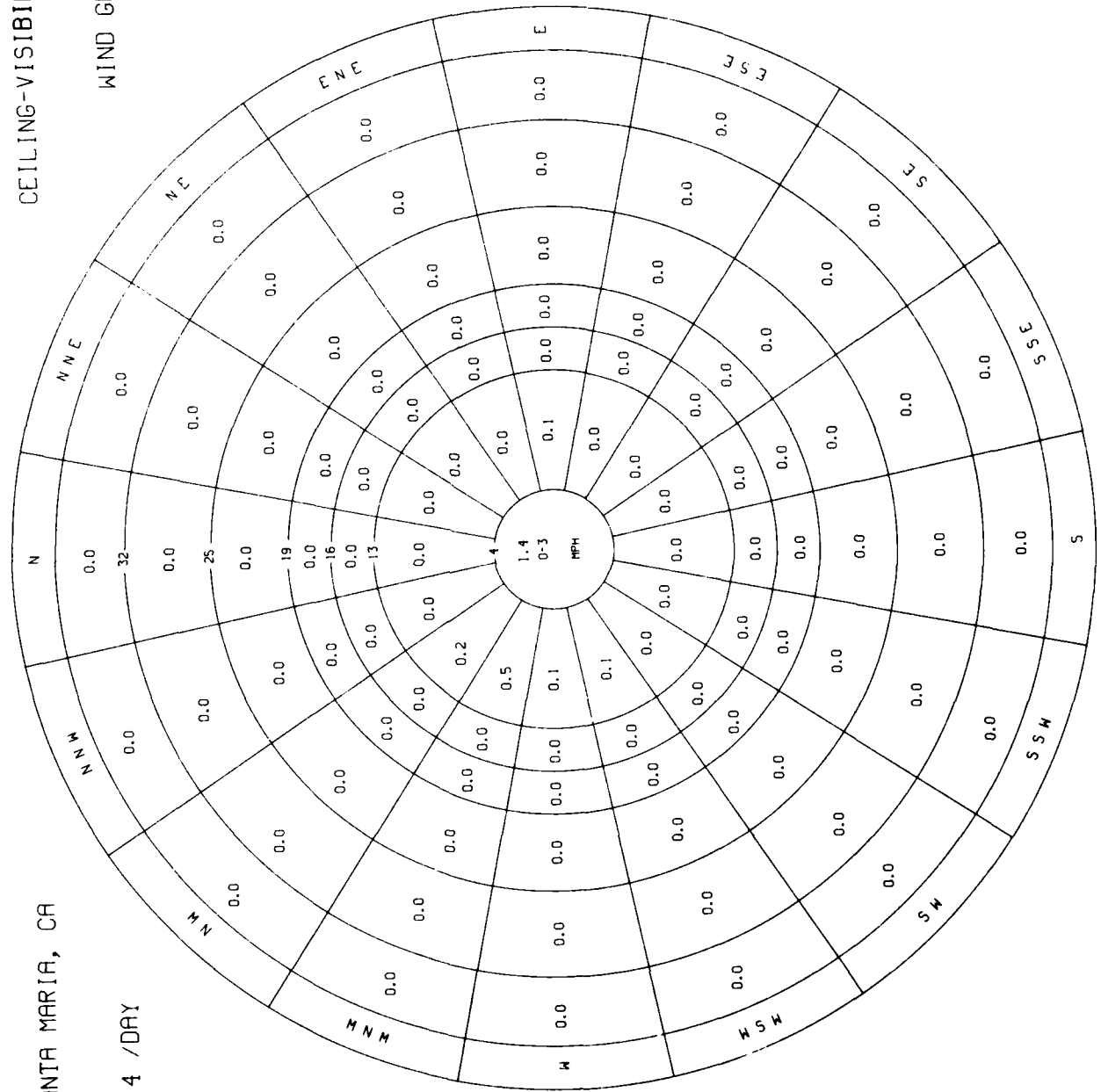
STATION NUMBER: 23273

NO. OBS.: 1894

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	.6	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	4.1
NNE	.1	.8	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.7	4.2
NE	.1	.6	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	4.2
ENE	.1	.4	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.7	5.2
E	.1	.8	.3	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.6	5.0
ESE	.1	1.0	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.5	4.7
SE	.1	.7	.4	2.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.6	3.5	7.2
SSE	.1	.7	.2	1.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.4	2.6	7.2
S	.0	.3	.2	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	6.3
SSW	.0	.2	.2	1.5	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.3	1.8	7.2
SW	.1	.5	.4	2.7	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.5	3.5	7.2
WSW	.2	1.0	.6	4.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.8	5.2	6.0
W	.2	1.1	1.0	6.7	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	1.3	8.2	7.0
WNW	.5	3.0	2.4	15.3	.1	.6	.0	.0	.0	.1	.0	.0	.0	.0	3.0	18.8	6.7
NW	.2	1.2	.8	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.4	5.7
NNW	.1	.5	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.8	4.6
CALM	5.5	35.1													5.5	35.1	
TOTAL	7.6	48.4	7.7	49.2	.2	1.5	.1	.5	.1	.4	.0	.1	.0	.0	15.7	100	4.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1955-1963

STATION NAME: SMX SANTA MARIA, CA

CLASS 4 / DAY

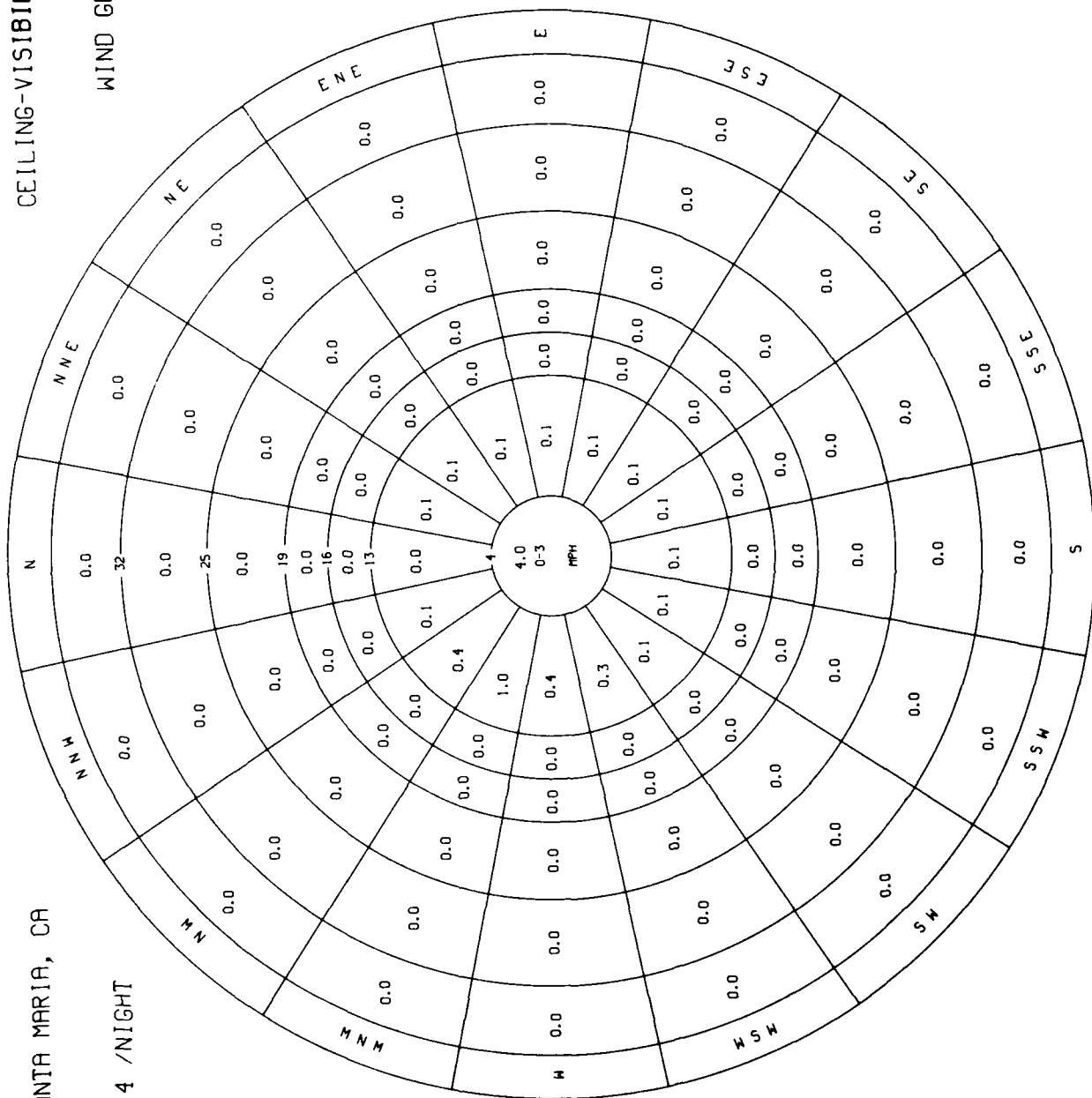
NO. OBS.: 387

STATION NUMBER: 23273

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	
N	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
NNE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
NE	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ENE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
E	.0	.5	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
ESE	.0	1.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
SE	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
S	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
SSW	.0	.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
SW	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
WSW	.0	1.3	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
W	.0	1.0	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
WNW	.0	.8	.5	17.3	.0	1.6	.0	.3	.0	.3	.0	.0	.0	.0	20.2
NW	.1	2.3	.2	7.8	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	10.6
NNW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
CALM	1.1	38.8													38.8
TOTAL	1.4	50.9	1.3	46.5	.0	1.8	.0	.5	.0	.3	.0	.0	.0	.0	2.7
															100
															3.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMX SANTA MARIA, CA

PERIOD: 1955-1963

CLASS 4 / NIGHT

STATION NUMBER: 23273

NO. OBS.: 861

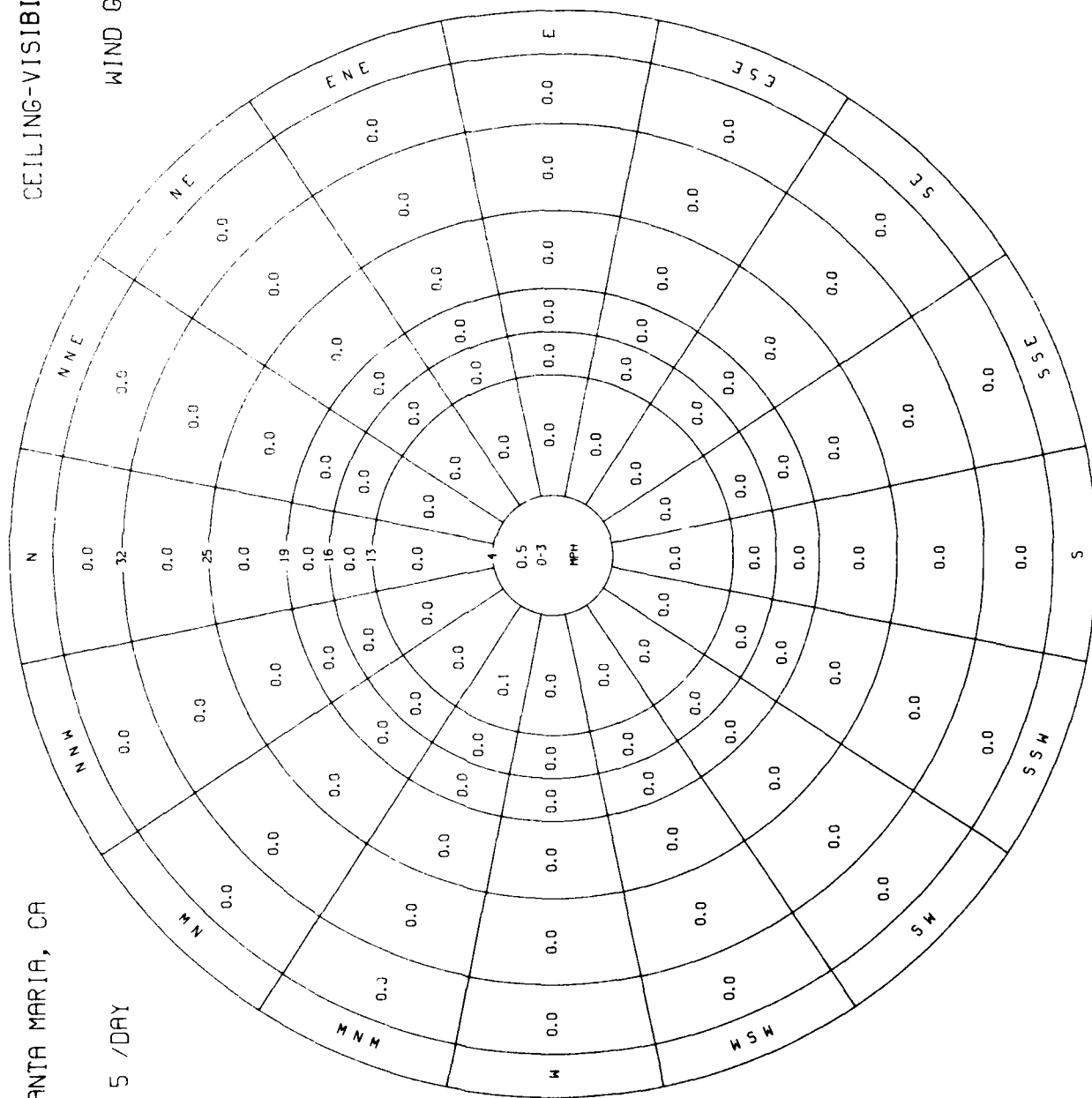
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	3.6
NNE	.1	1.2	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	4.1
N E	.1	.9	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	3.9
ENE	.1	1.3	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	4.2
E	.1	1.0	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.8	4.9
ESE	.1	.8	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	4.8
SE	.0	.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.2	4.8
SSE	.0	.6	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	5.1
S	.0	.1	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	6.1
SSW	.1	.9	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.4
SW	.0	.5	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.9
WSW	.1	1.5	.3	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.2	5.4
W	.1	1.3	.4	6.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.5	7.5	6.1
WNW	.1	1.7	1.0	13.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.1	15.6	6.7
NW	.1	1.4	.4	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	7.2	5.6
NNW	.0	.5	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	4.7
CALM	2.9	41.1													2.9	41.1	
TOTAL	4.0	56.1	3.1	43.3	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	7.2	100	3.3

CEILING-VISIBILITY

WIND GRAPH

SMX SANTA MARIA, CA

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1955-1963

STATION NAME: SMX SANTA MARIA, CA

CLASS 5 / DAY

NO. OBS.: 109

STATION NUMBER: 23273

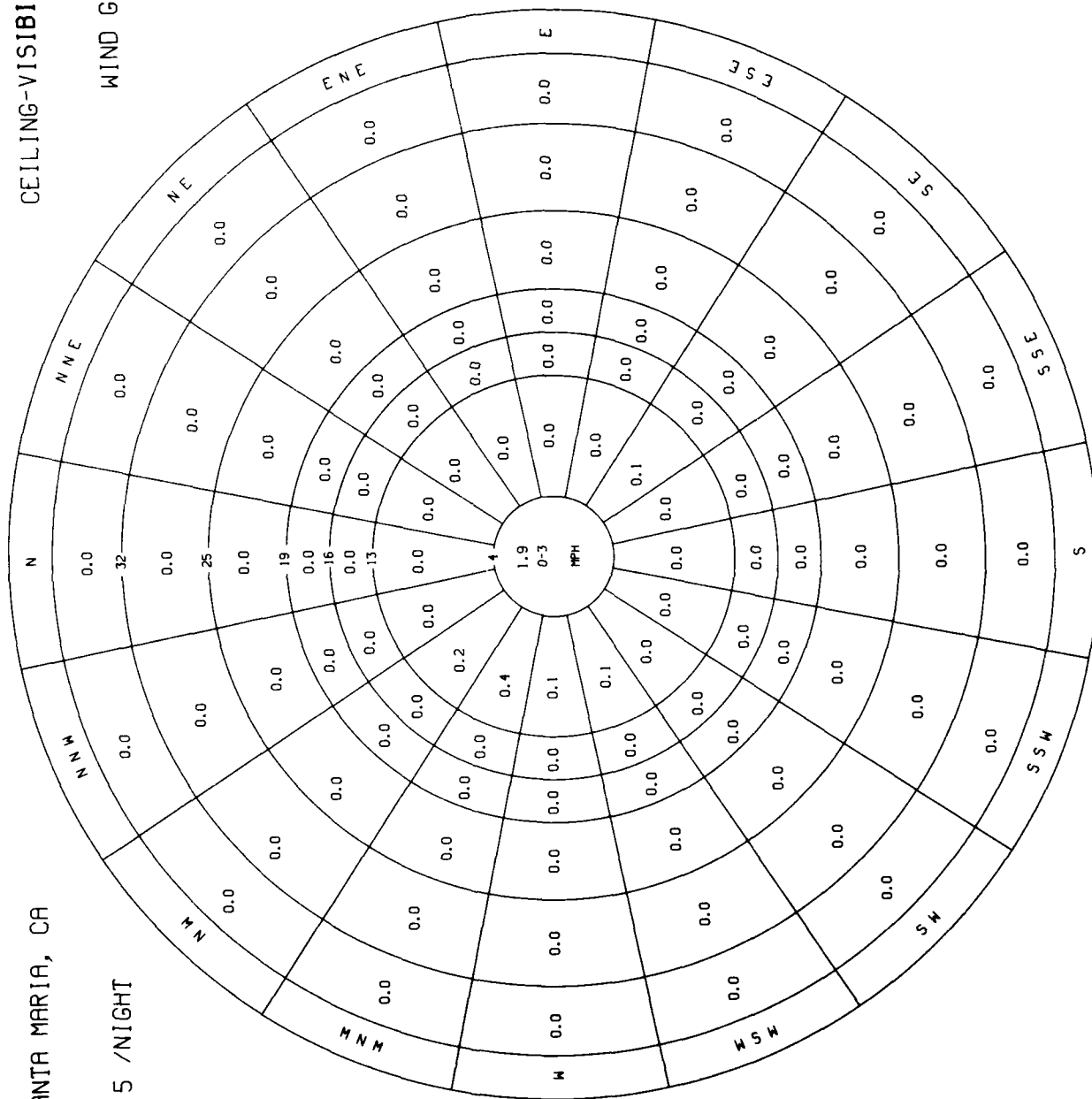
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NNE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
ENE	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
E	.0	.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
ESE	.0	.0	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
S	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
SSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
SW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
WSW	.0	2.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
W	.0	1.8	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3
WNW	.0	3.7	.1	12.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5
NW	.0	.9	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
NNW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
CALM	.4	45.9													45.9
TOTAL	.5	60.6	.3	39.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	81.0

CEILING-VISIBILITY

WIND GRAPH

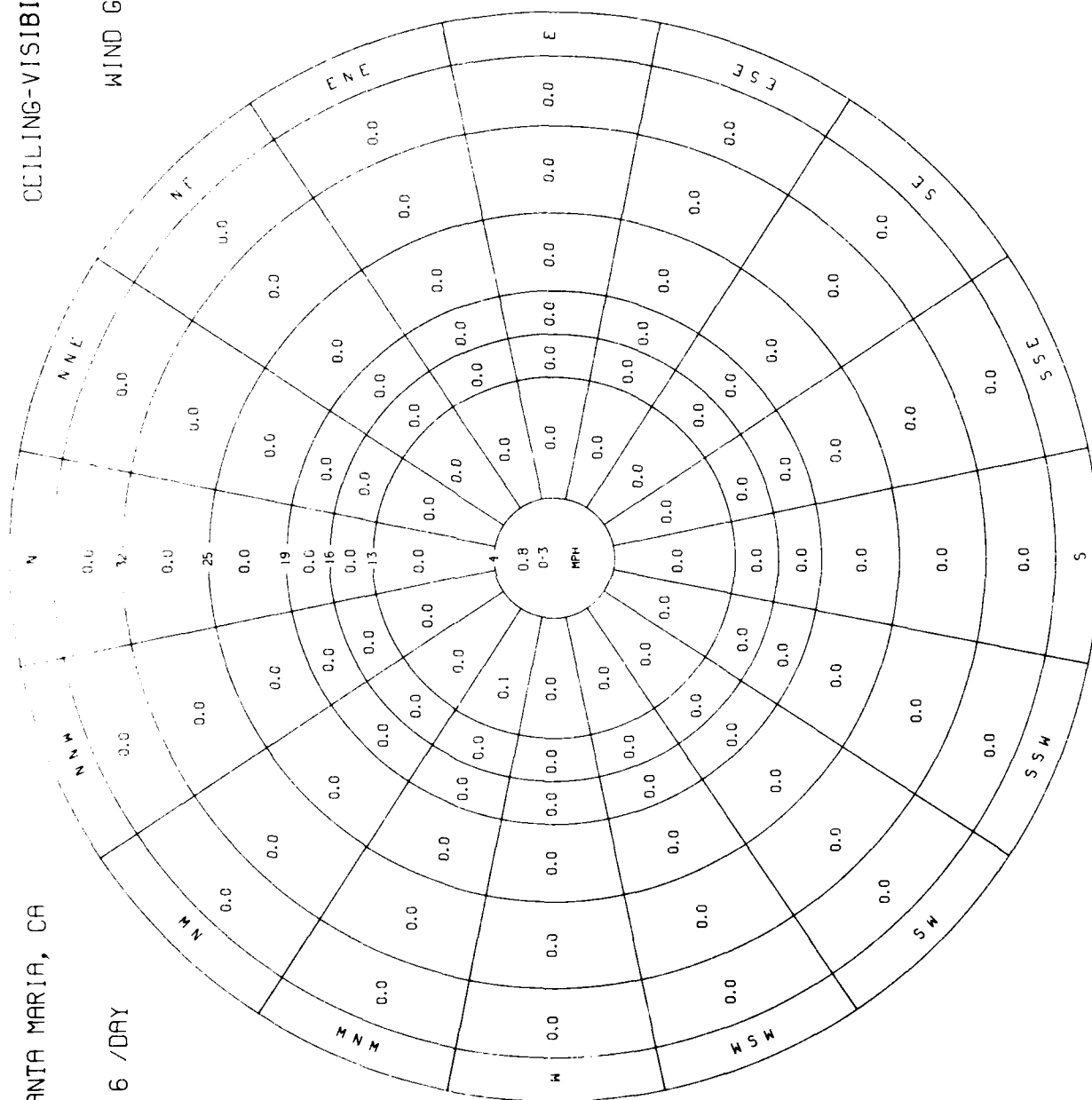
SMX SANTA MARIA, CA

CLASS 5 /NIGHT



CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SMX SANTA MARIA, CA

PERIOD: 1955-1963

CLASS 6 / DAY

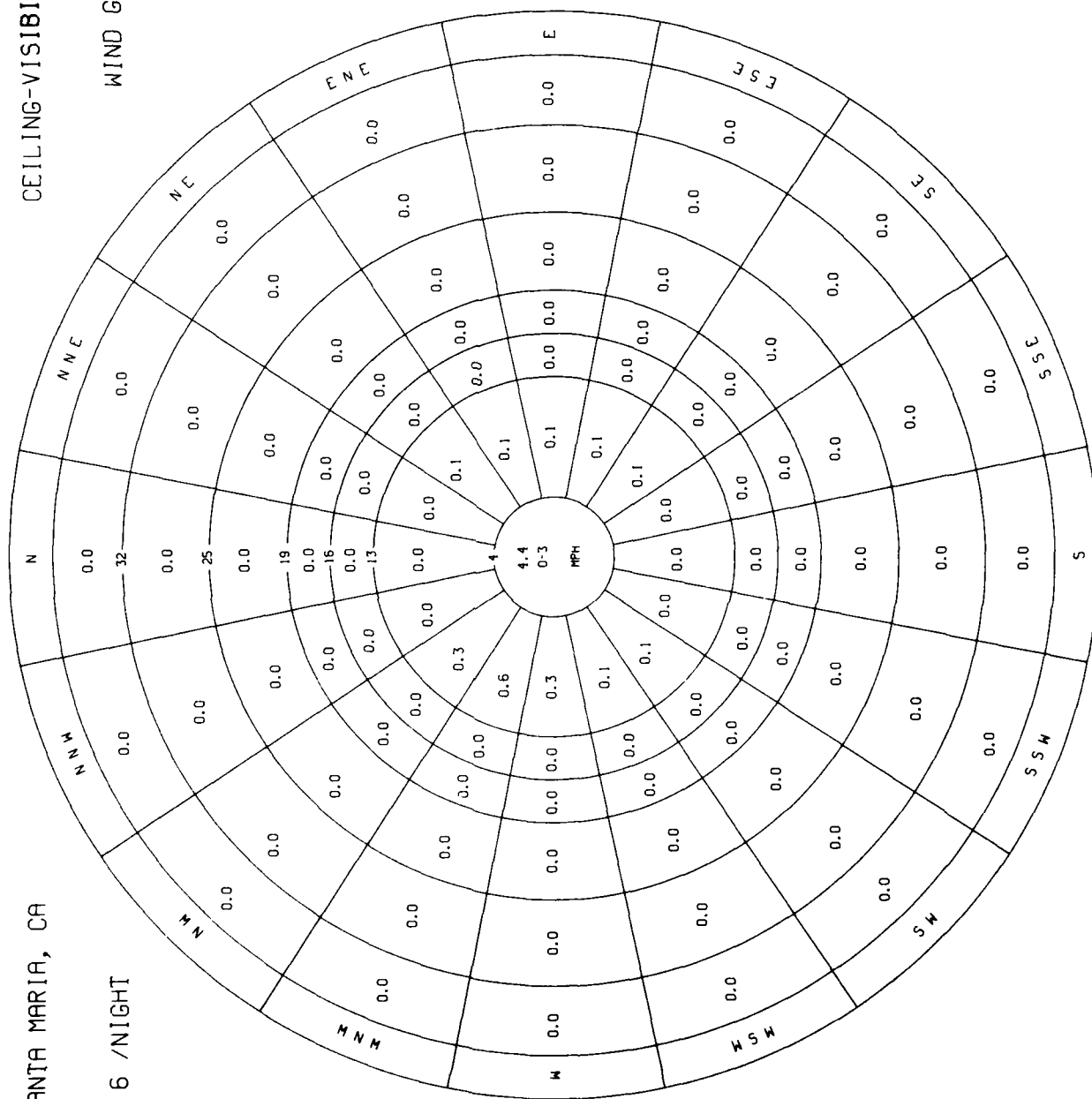
STATION NUMBER: 23273

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	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
N	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
ENE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
E	.0	.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
ESE	.0	2.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SE	.0	.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SSE	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
S	.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
SW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
WSW	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
W	.0	.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
WNW	.0	1.9	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2
NW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
NNW	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
CALM	7	59.1													7 59.1
TOTAL	8	73.0	27.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1 100
															2.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1955-1963

STATION NAME: SMX SANTA MARIA, CA

CLASS 6 / NIGHT

NO. OBS.: 765

STATION NUMBER: 23273

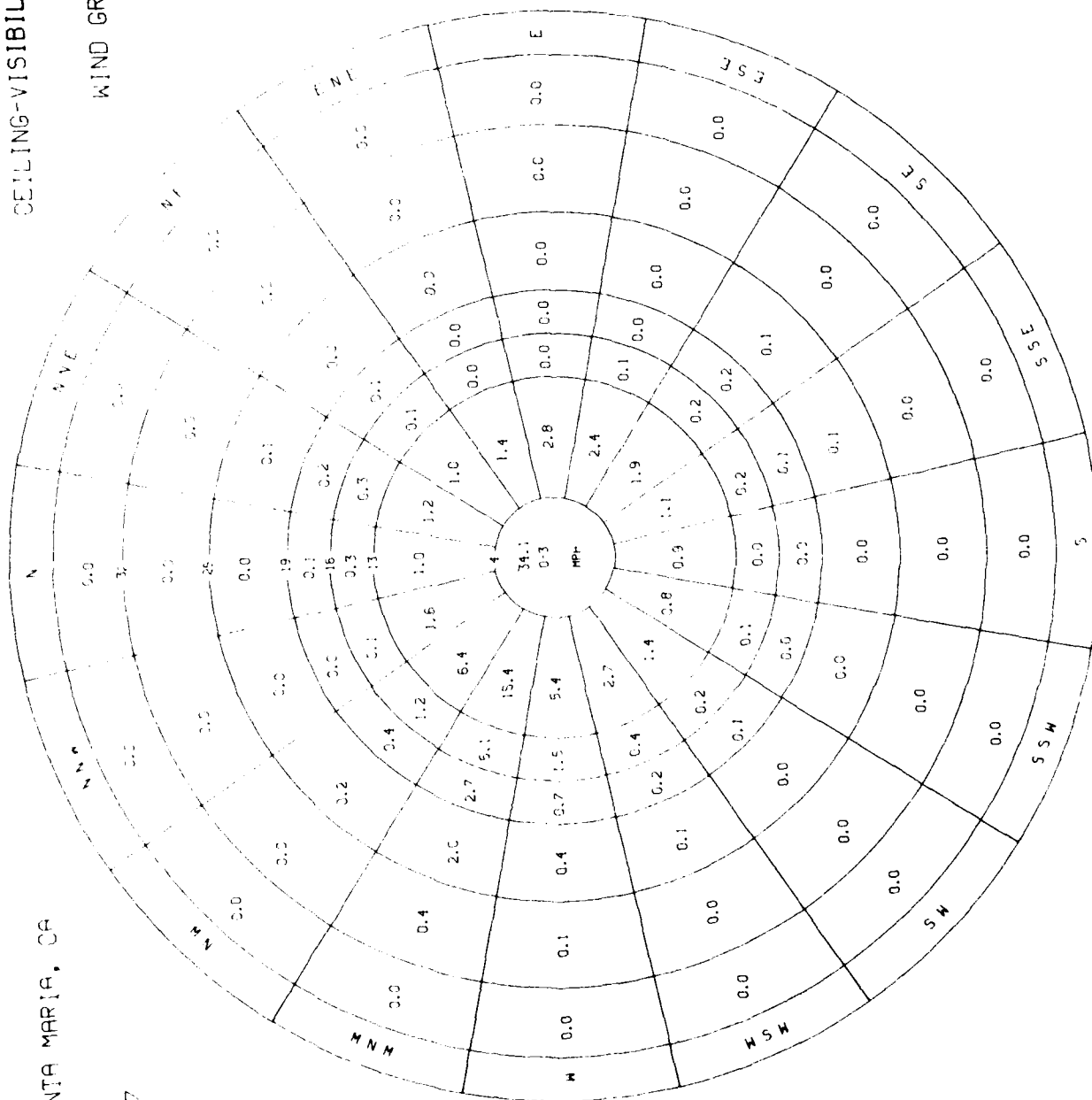
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0
NE	.0	.5	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4
ENE	.0	.8	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7
E	.0	.5	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.9
ESE	.1	1.2	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5
SE	.0	.8	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
SSE	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
S	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3
SSW	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6
SW	.0	.7	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5
WSW	.0	.3	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.4
W	.1	1.0	.3	4.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	11.8
WNW	.1	2.2	.6	9.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	5.0
NW	.1	.9	.3	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0
NNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	57.4
CALM	3.6	57.4													6.4	100
TOTAL	4.4	68.6	2.0	30.8	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	6.4	100

CEILING-VISIBILITY

WIND GRAPH

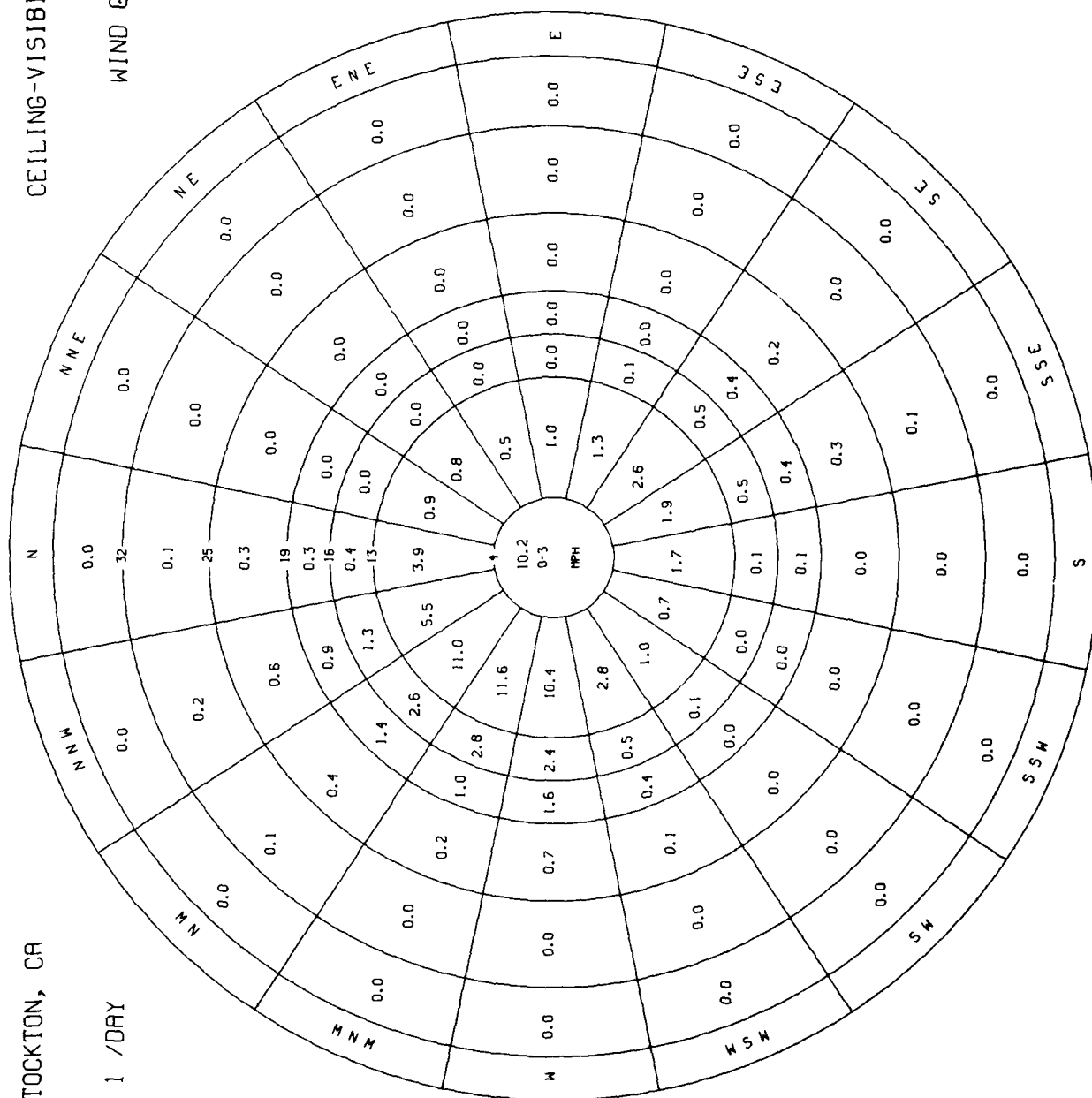
SMX SANTA MARIA, CA

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

CLASS 1 / DAY

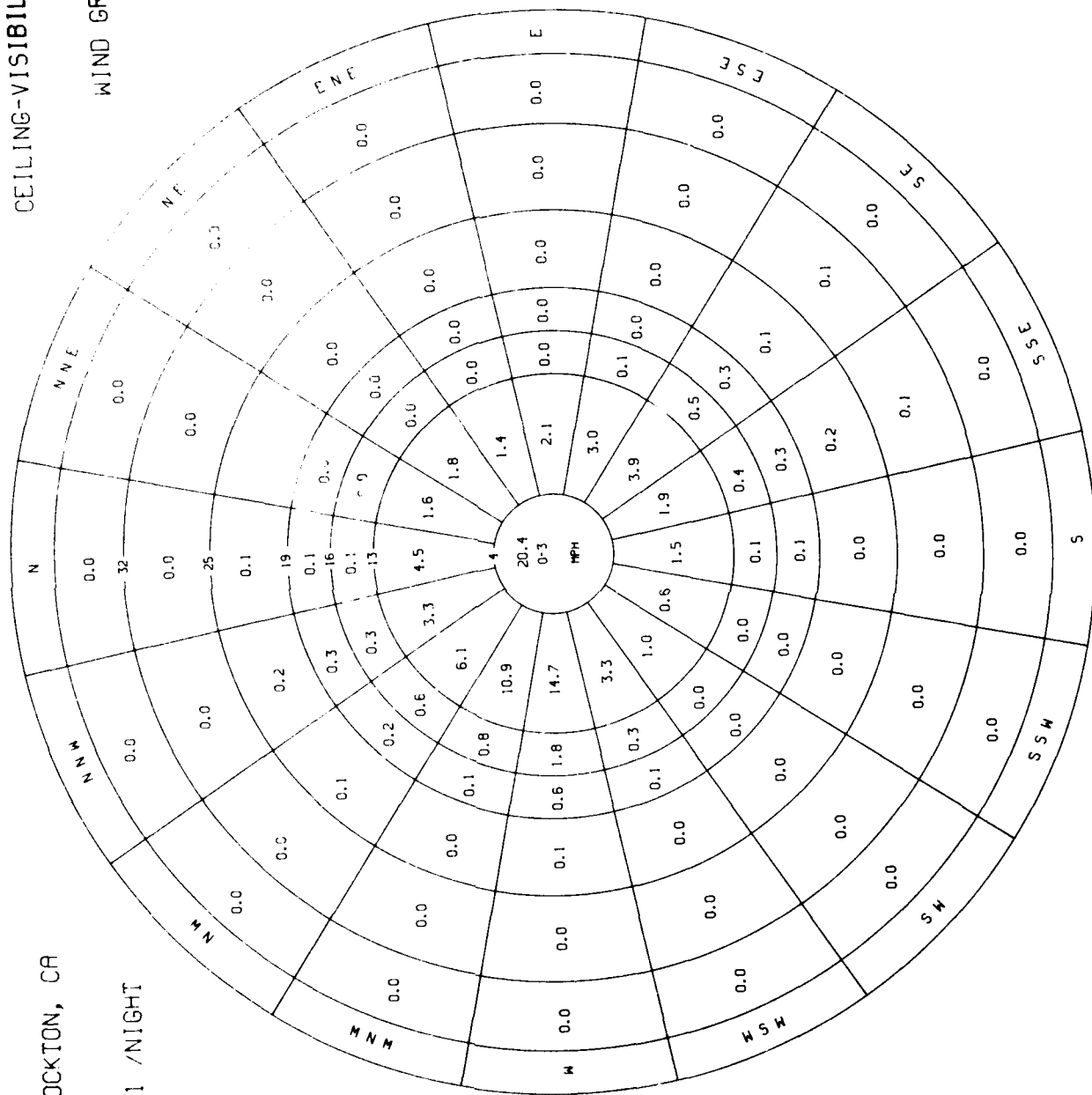
STATION NUMBER: 23237

NO. OBS.: 28831

O 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	.5	3.9	4.4	.4	.4	.3	.4	.3	.3	.1	.1	.0	.0	5.5	6.1	9.0
NNE	.3	.3	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	5.8
NE	.3	.4	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.3	5.5
ENE	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.4
E	.3	.4	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	5.7
ESE	.2	.3	1.3	1.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0	7.4
SE	.4	.5	2.6	2.9	.5	.6	.4	.5	.2	.2	.0	.0	.0	.0	4.2	4.7	10.0
SSE	.3	.3	1.9	2.1	.5	.6	.4	.5	.3	.4	.1	.1	.0	.0	3.4	3.8	11.2
S	.4	.5	1.7	1.9	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	2.4	2.7	7.4
SSW	.2	.3	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	6.0
SW	.3	.4	1.0	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.7	6.7
WSW	.4	.4	2.8	3.2	.5	.6	.4	.5	.1	.1	.0	.0	.0	.0	4.2	4.7	9.4
W	.8	.9	10.4	11.6	2.4	2.7	1.6	1.8	.7	.8	.0	.0	.0	.0	16.0	17.9	10.5
WNW	.4	.5	11.6	12.9	2.8	3.1	1.0	1.1	.2	.2	.0	.0	.0	.0	16.0	17.9	10.2
NW	.6	.7	11.0	12.4	2.6	3.0	1.4	1.5	.4	.5	.1	.1	.0	.0	16.2	18.1	10.5
NNW	.3	.4	5.5	6.2	1.3	1.4	.9	1.0	.6	.7	.2	.2	.0	.0	8.9	9.9	11.2
CALM	4.0	4.5													4.0	4.5	
TOTAL	10.2	11.4	57.7	64.6	11.5	12.9	6.6	7.4	2.9	3.2	.4	.5	.1	.1	89.3	100	9.4

CEILING-VISIBILITY

WIND GRAPH



SCK STOCKTON, CA

CLASS 1 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

CLASS 1 / NIGHT

STATION NUMBER: 23237

NO. OBS.: 23601

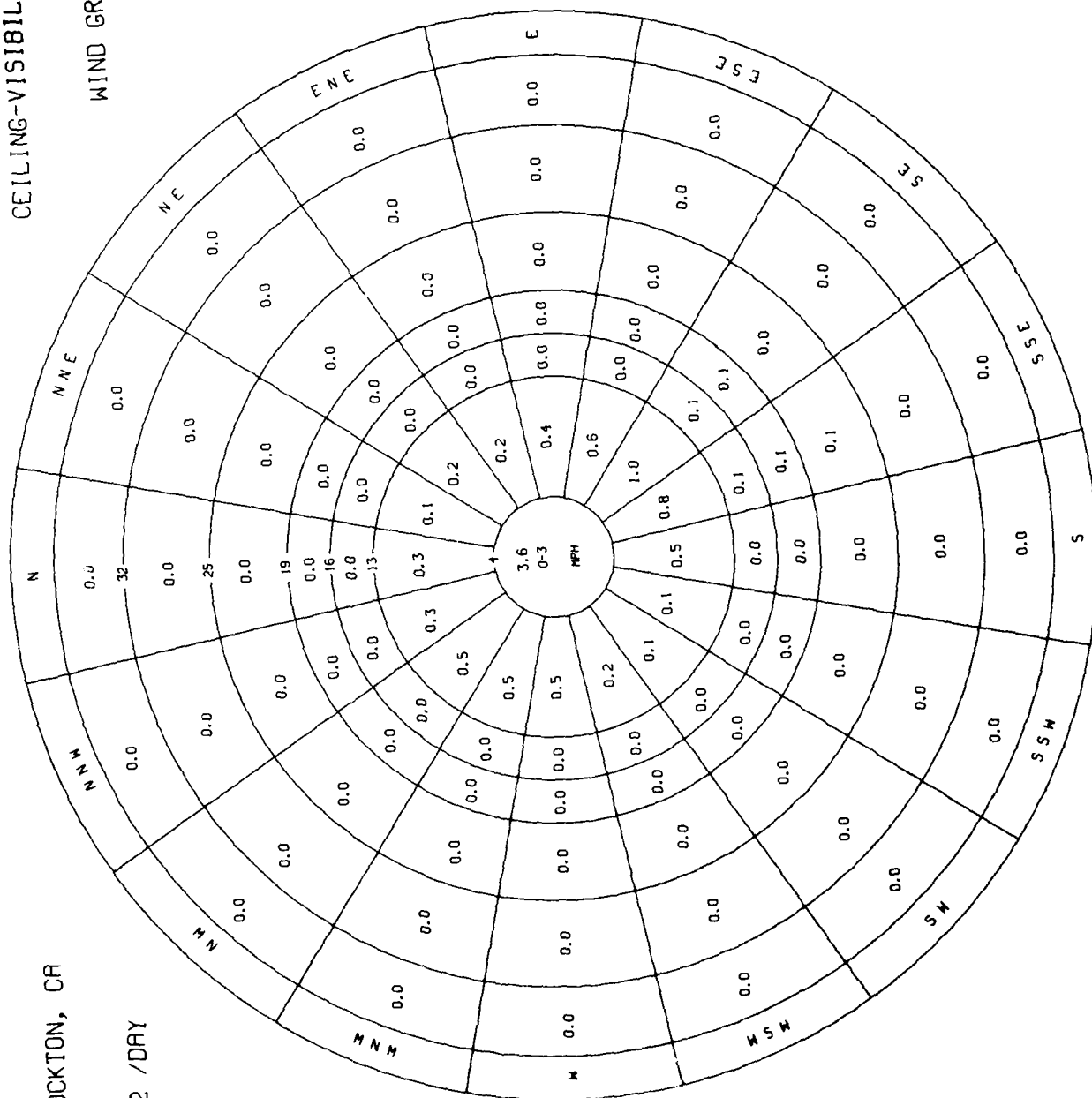
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.8	.8	4.5	5.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	5.5 6.1
NNE	.5	.6	1.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2 2.4
NNE	.5	.7	1.8	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4 2.7
ENE	.5	.6	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9 2.1
E	.8	.9	2.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.4
ESE	.6	.6	3.0	3.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6 4.0
SE	.5	.6	3.9	4.3	.5	.5	.3	.3	.1	.2	.1	.1	.0	.0	5.4 6.0
SSE	.4	.5	1.9	2.1	.4	.4	.3	.3	.2	.3	.1	.1	.0	.0	3.4 3.7
S	.6	.6	1.5	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.2 2.4
SSW	.4	.4	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1
SW	.6	.6	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.8
WSW	.7	.8	3.3	3.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.4 4.9
W	1.6	1.7	14.7	16.3	1.8	2.0	.6	.7	.1	.2	.0	.0	.0	.0	18.8 20.8
WNW	.8	.9	10.9	12.0	.8	.9	.1	.2	.0	.0	.0	.0	.0	.0	12.6 14.0
NNW	.9	1.0	6.1	6.7	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	7.9 8.7
NNW	.5	.6	3.3	3.7	.3	.4	.3	.3	.2	.2	.0	.0	.0	.0	4.6 5.1
CALM	9.7	10.7													9.7 10.7
TOTAL	20.4	22.6	61.7	68.3	5.0	5.5	2.1	2.3	1.0	1.1	.2	.2	.0	.0	90.3 100
															6.8

CEILING-VISIBILITY

WIND GRAPH

SCK STOCKTON, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

CLASS 2 / DAY

STATION NUMBER: 23237

NO. OBS.: 3444

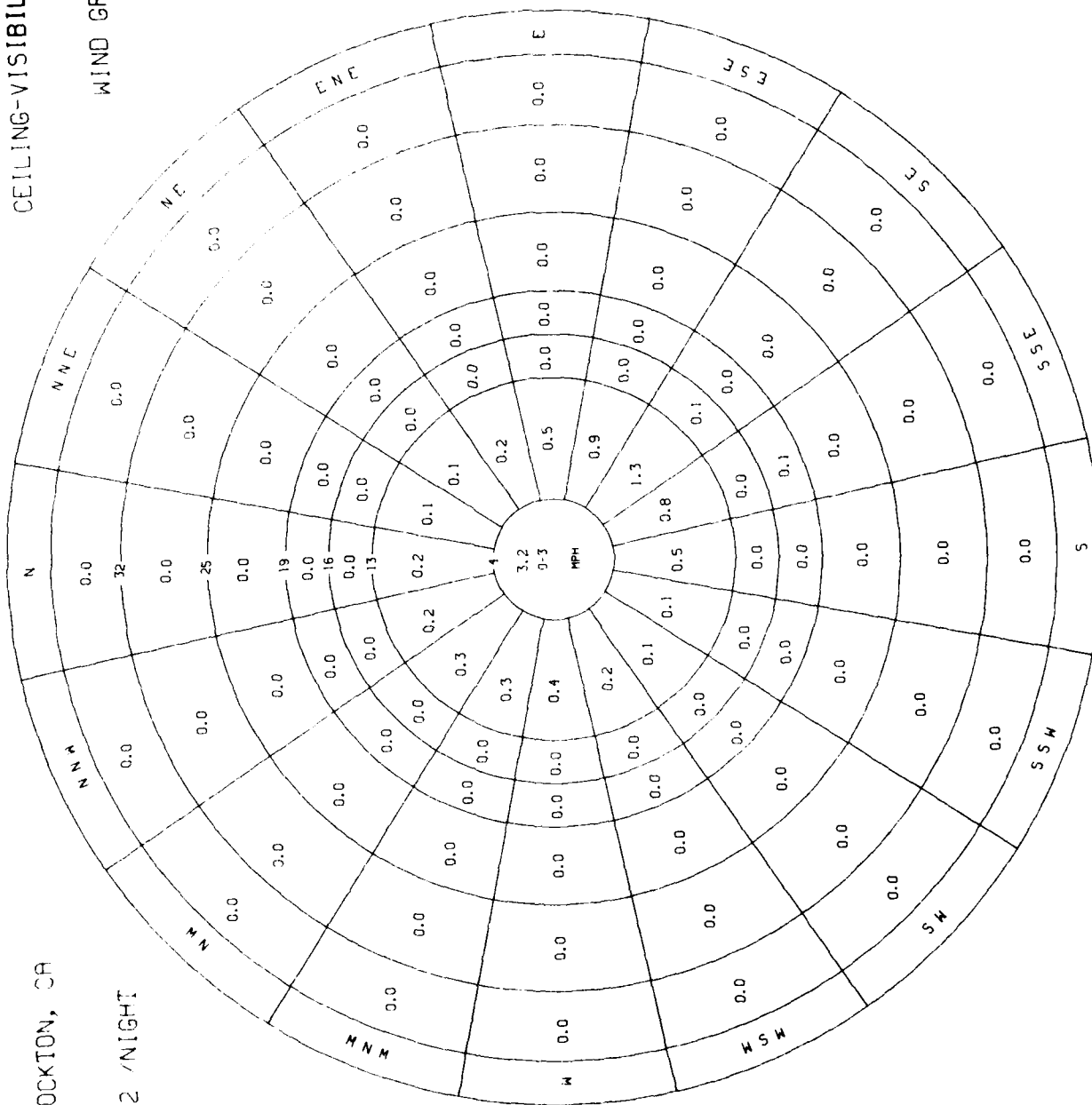
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	1.0	.3	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.7	6.0
NNE	.0	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	5.1
NE	.1	.8	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.4	4.9
ENE	.1	.7	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5	5.6
E	.2	1.5	.4	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.8	5.7
ESE	.1	1.3	.6	5.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.2	6.4
SE	.2	1.7	1.0	9.1	.1	1.0	.1	.9	.0	.1	.0	.0	.0	.0	.0	1.4	12.9	7.9
SSE	.1	1.4	.8	7.1	.1	1.3	.1	.7	.1	.5	.0	.1	.0	.0	.0	1.2	11.1	9.2
S	.2	2.0	.5	4.7	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.8	7.1	6.1
SSW	.1	.7	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	5.3
SW	.1	1.0	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	4.7
WSW	.1	.8	.2	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.1	5.4
W	.2	1.9	.5	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0	5.5
WNW	.1	.7	.5	4.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.2	6.7
NW	.1	1.0	.5	5.0	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.7	6.4	7.5
NNW	.1	.6	.3	2.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.4	7.3
CALM	1.8	16.7														1.8	16.7	
TOTAL	3.6	34.0	6.3	59.5	.4	3.7	.2	1.8	.1	.8	.0	.2	.0	.0	.0	10.7	100	5.6

CEILING-VISIBILITY

WIND GRAPH

SCK STOCKTON, CA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1977

STATION NAME: BUNNINGTON, PA

CLASS 2 / NIGHT

NO. OBS.: 2540

STATION NUMBER: 23237

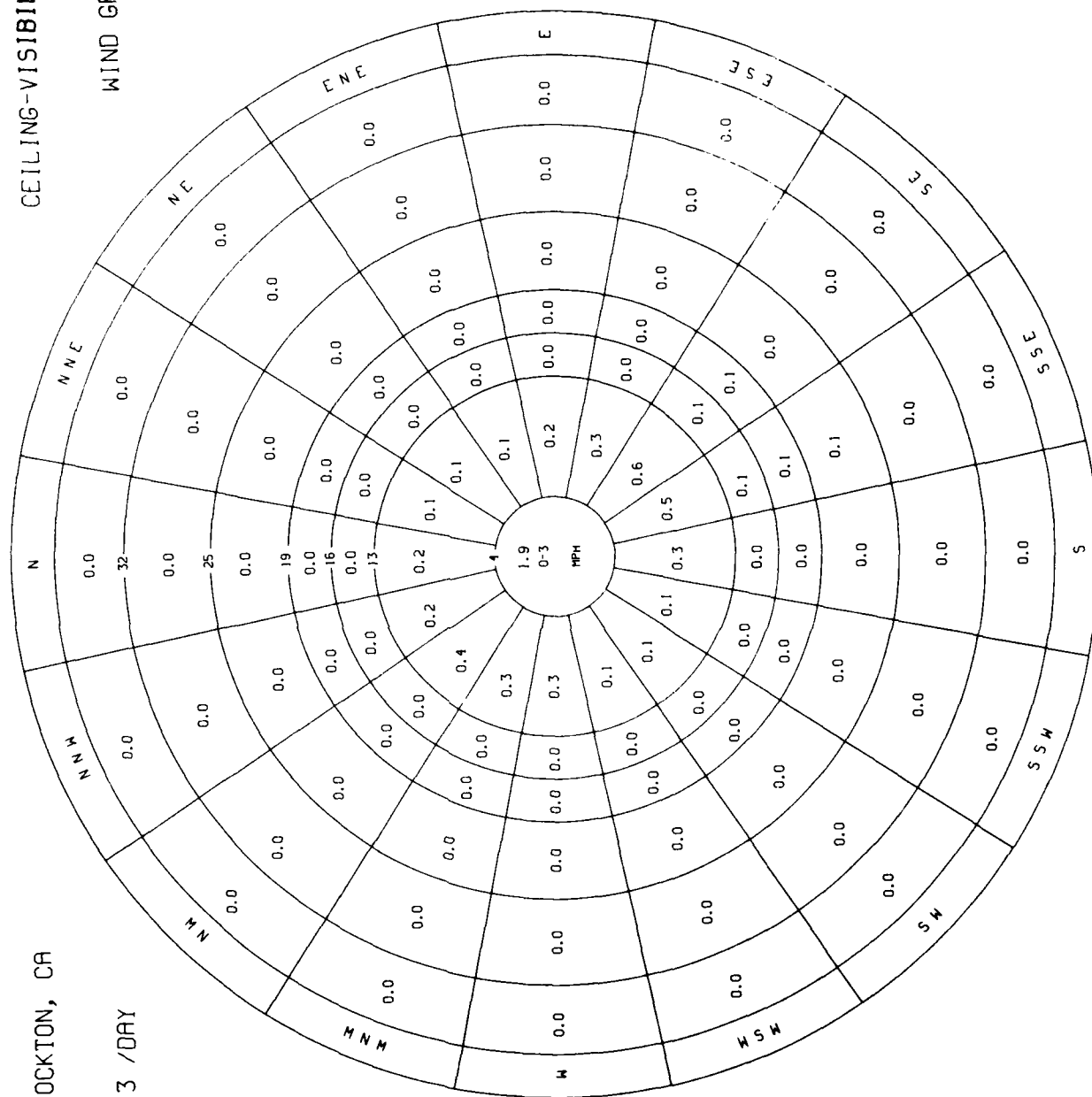
DIRECTION	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.6	.2	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	6.6		
NNE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.8		
NNE	.1	.8	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	5.0		
ENE	.1	.8	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.2	5.5		
E	.1	1.1	.5	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.7	5.9		
ESE	.1	1.0	.9	9.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	10.6	6.7		
SE	.2	2.2	1.3	13.0	.1	.6	.0	.4	.0	.2	.0	.0	.0	.0	1.6	16.4	7.6		
SSE	.1	.8	.8	8.2	.0	.5	.1	.6	.0	.4	.0	.0	.0	.0	1.0	10.5	8.5		
S	.1	1.5	.5	5.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.7	7.0	5.9		
SSW	.1	.7	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	4.6		
SW	.1	.7	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	4.5		
WSW	.1	1.3	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.2	4.8		
W	.2	2.0	.4	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.1	5.3		
WNW	.1	.6	.3	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.7	6.8		
NW	.1	.6	.3	2.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.6	7.5		
NNW	.0	.5	.2	1.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.4	7.8		
CALM	1.7	17.5													1.7	17.5			
TOTAL	3.2	33.1	6.1	62.9	.2	1.9	.1	1.4	.1	.7	.0	.1	.0	.0	9.7	100	5.5		

CEILING-VISIBILITY

WIND GRAPH

SCK STOCKTON, CA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1977

STATION NAME: SCK STOCKTON, CA

CLASS 3 / DAY

NO. OBS.: 2074

STATION NUMBER: 23237

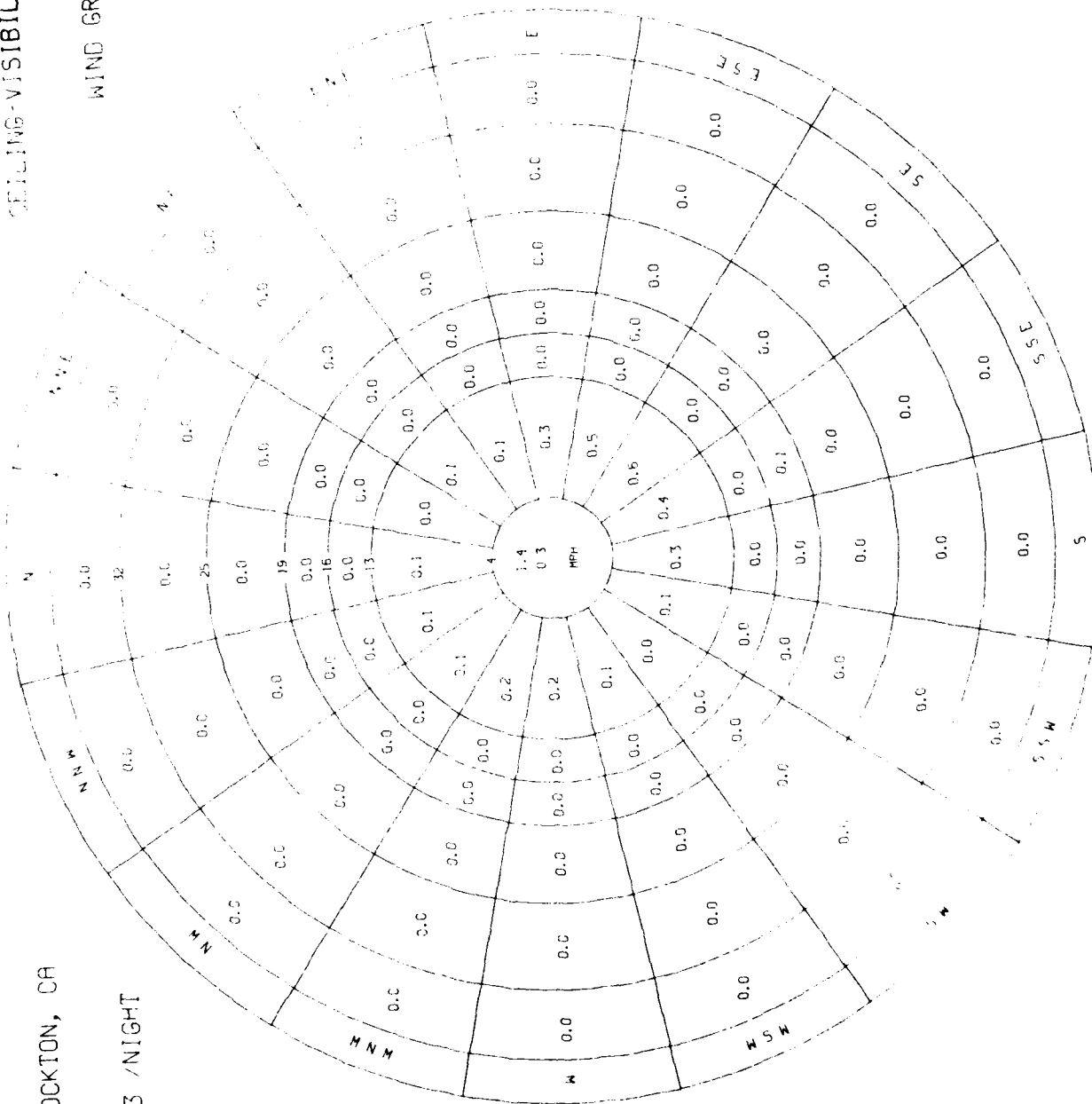
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.9	.2	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.4
NNE	.0	.5	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
NE	.1	.9	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.7
ENE	.0	.5	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.6
E	.1	1.4	.2	3.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.4
ESE	.1	1.1	.3	5.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4 6.8
SE	.1	1.6	.6	9.2	.1	1.5	.1	1.4	.0	.2	.0	.0	.0	.0	.9 13.9
SSE	.1	1.3	.5	7.4	.1	2.1	.1	1.1	.1	.9	.0	.2	.0	.0	.8 13.0
S	.1	1.9	.3	4.1	.0	.3	.0	.1	.0	.0	.0	.1	.0	.0	.4 6.6
SSW	.0	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
SW	.0	.8	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
WSW	.0	.5	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.8
W	.1	1.5	.3	4.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 6.6
WNW	.0	.4	.3	4.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.1
NW	.1	1.1	.4	5.7	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.5 7.2
NNW	.0	.7	.2	2.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 3.7
CALM	.9	14.2													.9 14.2
TOTAL	1.9	29.7	3.9	60.4	.4	5.5	.2	2.8	.1	1.3	.0	.3	.0	.0	6.4 100

CEILING-VISIBILITY

WIND GRAPH

SCK STOCKTON, CA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1977

STATION NAME: SCK STOCKTON, CA

CLASS 3 / NIGHT

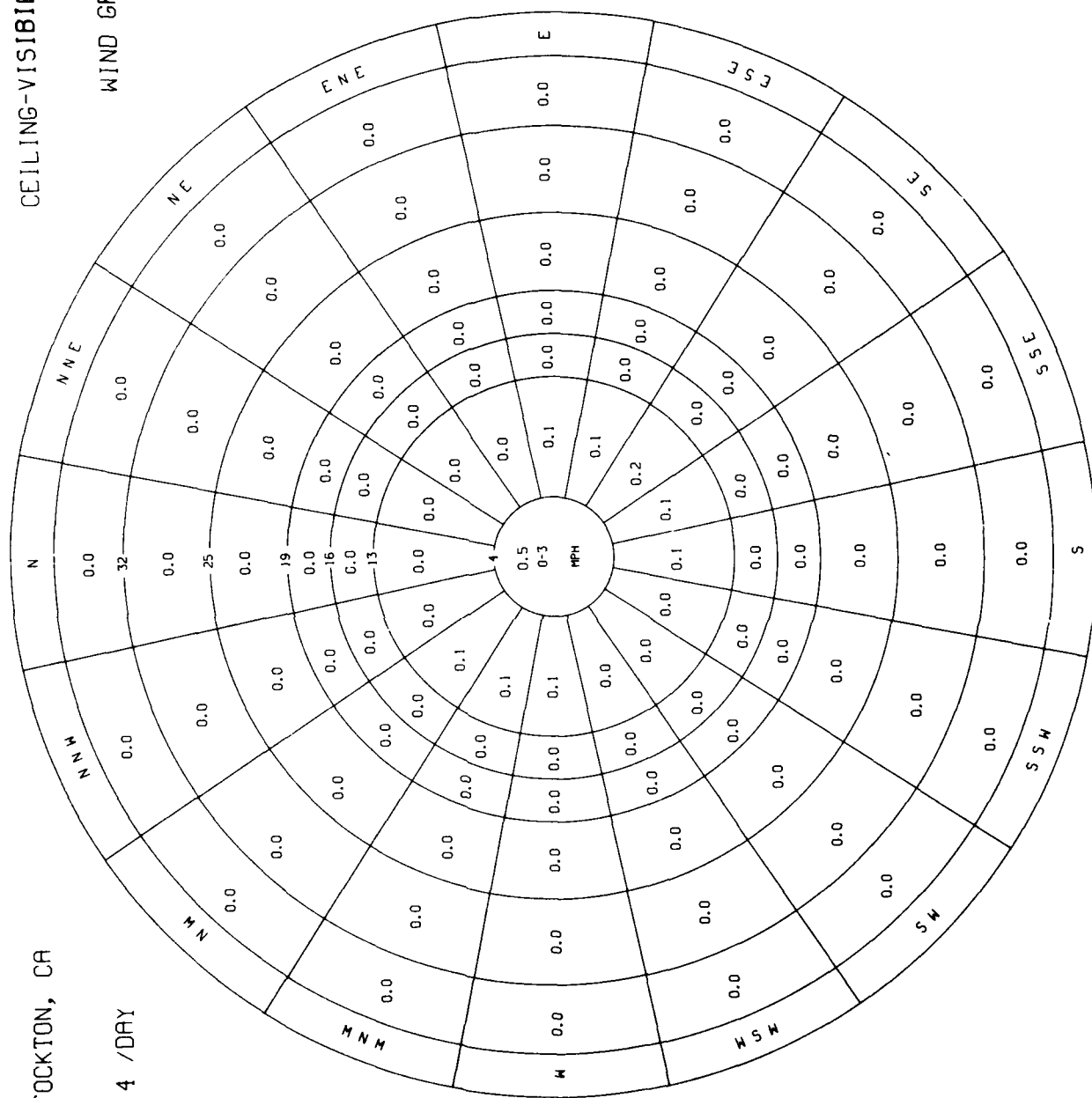
NO. OBS.: 1294

STATION NUMBER: 23237

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	1.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.4	6.7
NNE	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.2
NE	.0	.8	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	5.2
ENE	.0	.8	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	5.6
E	.0	.9	.3	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.5	6.2
ESE	.0	.8	.5	9.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	10.4	6.9
SE	.1	2.2	.6	13.0	.0	.7	.0	.7	.0	.4	.0	.1	.0	.0	.0	.8	17.0	7.9
SSE	.0	.9	.4	9.0	.0	.8	.1	1.2	.0	.7	.0	.1	.0	.0	.0	.6	12.5	9.4
S	.1	1.2	.3	6.5	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	8.0	6.3
SSW	.0	.5	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	4.7
SW	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	4.3
WSW	.1	1.2	.1	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	5.0
W	.1	1.5	.2	3.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.9	5.7
WNW	.0	.8	.2	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.3	7.1
NW	.0	.7	.1	2.9	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	4.0	7.6
NNW	.0	.7	.1	2.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	3.3	7.8
CALM	.7	14.4														.7	14.4	
TOT P.	1.4	28.7	3.2	65.0	.1	2.5	.1	2.4	.1	1.2	.0	.2	.0	.0	.0	5.0	100	6.1

SCK STOCKTON, CA

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

CLASS 4 / DAY

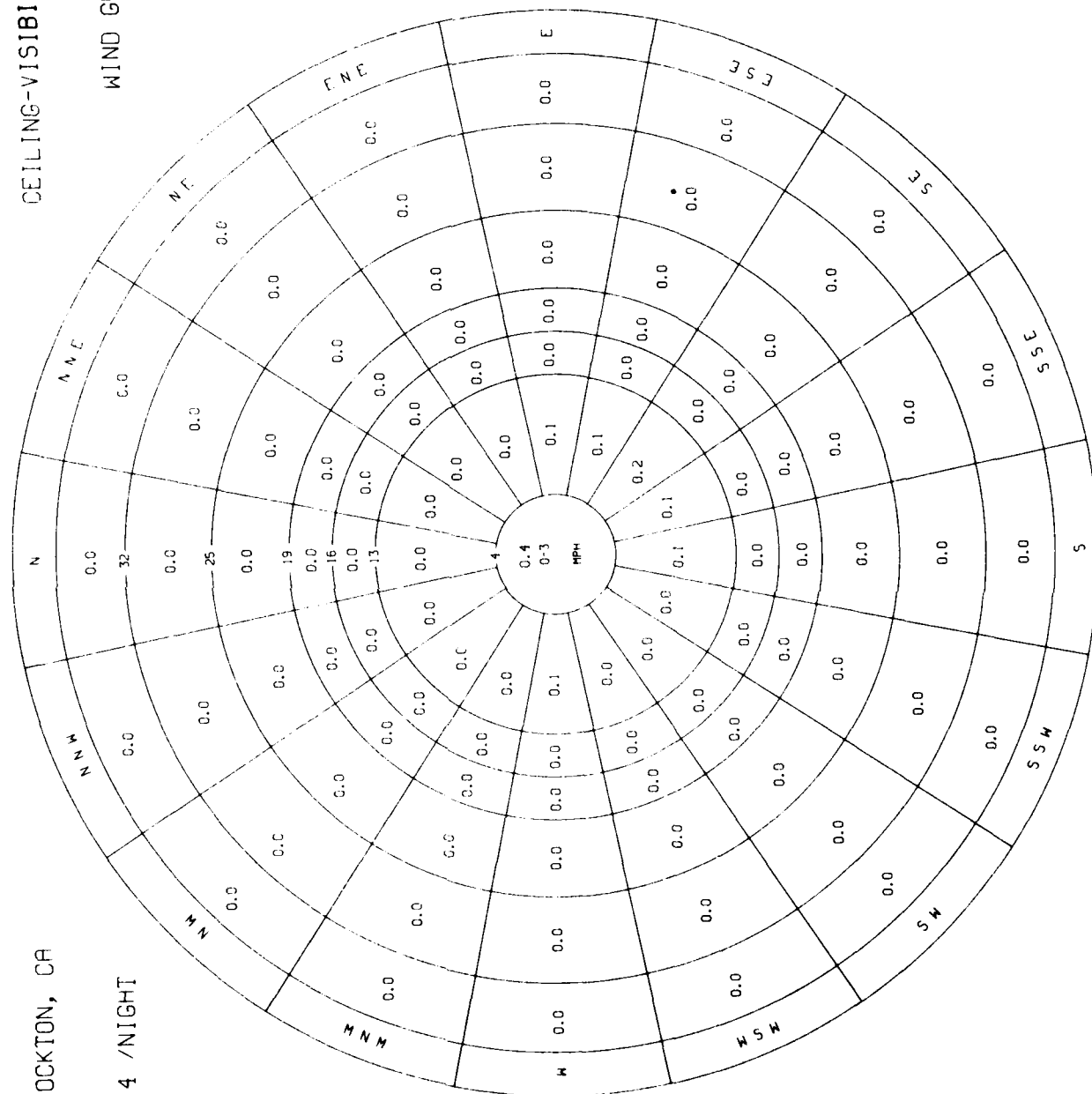
STATION NUMBER: 23237

NO. OBS.: 466

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	
N	.0	1.1	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NNE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NE	.0	.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3
ENE	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
E	.0	.9	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0
ESE	.0	1.9	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2
SE	.0	2.1	.2	10.7	.0	.6	.0	.4	.0	.2	.0	.0	.0	.2	14.2
SSE	.0	1.1	.1	6.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	7.7
S	.0	1.7	.1	6.9	.0	.2	.0	.0	.0	.2	.0	.0	.0	.1	9.0
SSW	.0	1.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
SW	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
WSW	.0	1.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1
W	.0	2.4	.1	5.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	7.9
WNW	.0	.2	.1	4.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	5.2
NW	.0	.6	.1	5.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	6.4
NNW	.0	.4	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0
CALM	.3	18.0												.3	18.0
TOTAL	.5	36.3	.9	60.3	.0	2.6	.0	.4	.0	.4	.0	.0	.0	.0	5.1

CEILING-VISIBILITY

WIND GRAPH



SCK STOCKTON, CA

CLASS 4 /NIGHT

ANNUAL

PERIOD: 1949-1977

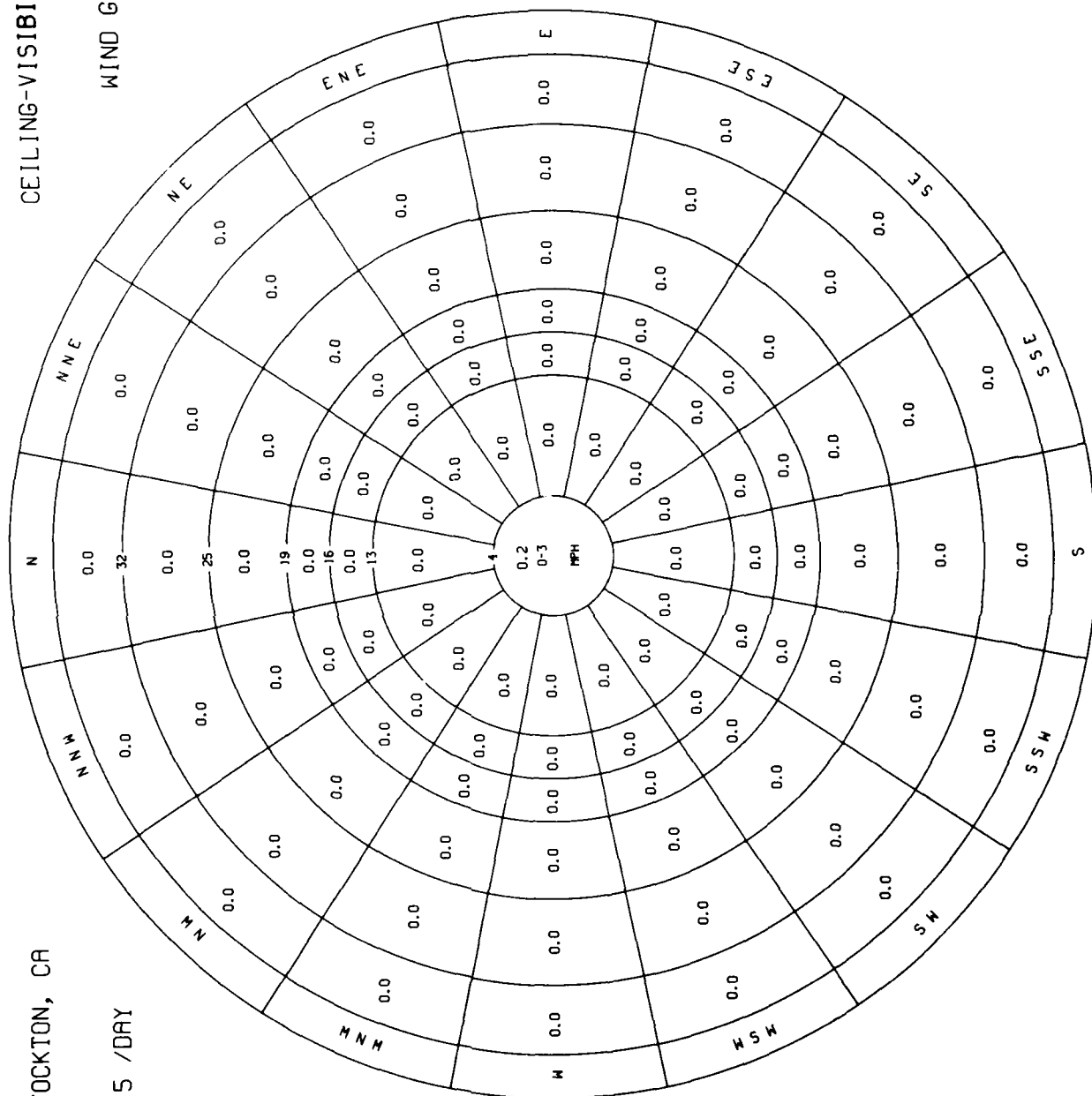
CLASS 4 / NIGHT

NO. OBS. : 345

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	2.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
NNE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
NE	.0	.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.5
ENE	.0	.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.8
E	.0	1.2	.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	5.7
ESE	.0	1.2	.1	9.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.7	6.8
SE	.0	1.7	.2	13.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.2	16.5	7.2
SSE	.0	1.2	.1	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.6	7.0
S	.0	1.4	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.9
SSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	9.5
SW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.8
WSW	.0	.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.5
W	.0	2.3	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	5.1
WNW	.0	.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.7
NW	.0	.6	.0	3.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	7.8
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	9.0
CALM	.2	18.6						.9	.0	.0	.0	.0	.0	.0	.2	18.6	
TOTAL	.4	31.6	.9	65.8	.0	1.7	.0	.9	.0	.0	.0	.0	.0	.0	1.3	100	5.4

CEILING-VISIBILITY

WIND GRAPH



SCK STOCKTON, CA

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

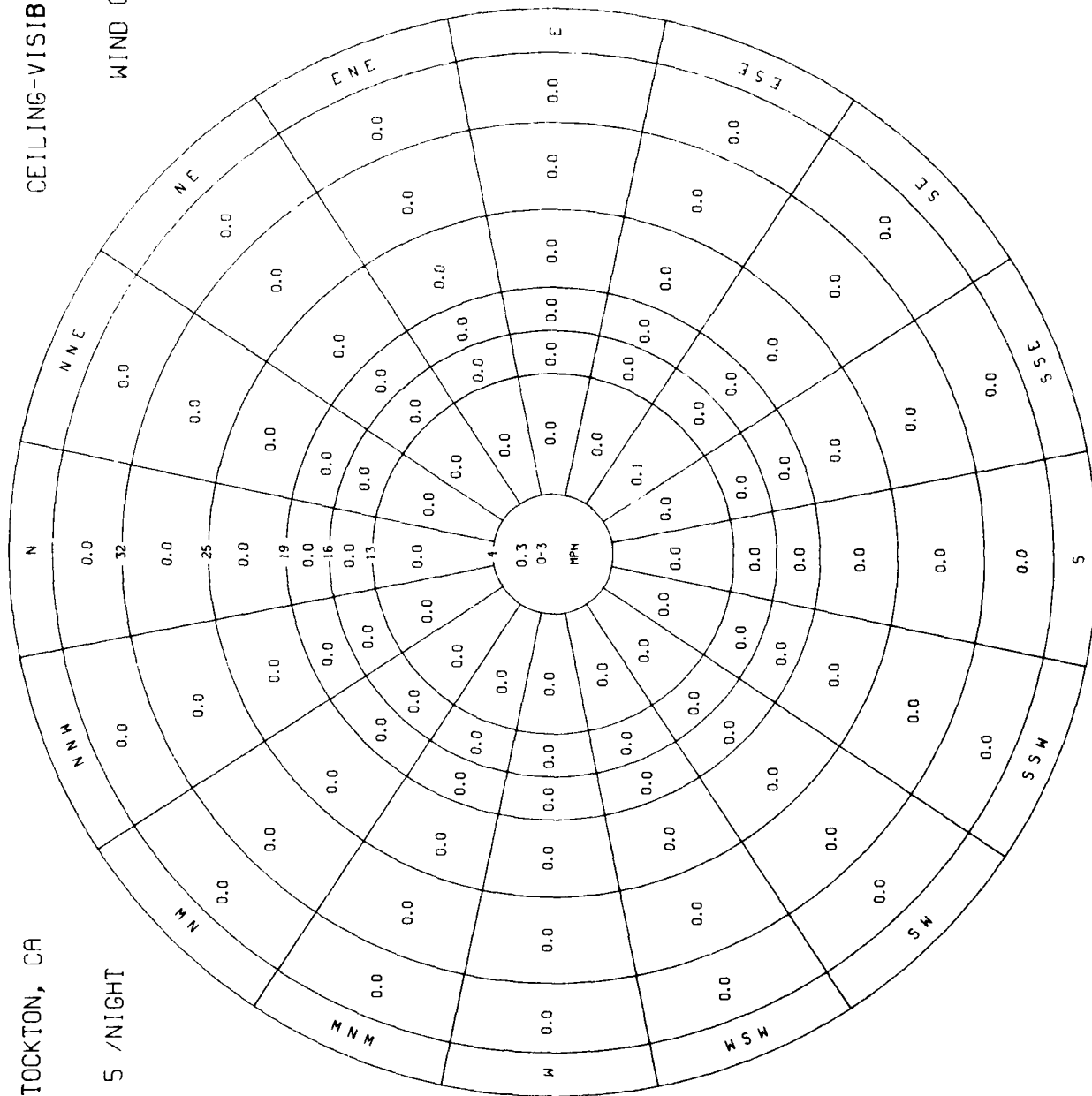
CLASS 5 / DAY

STATION NUMBER: 23237

NO. OBS.: 189

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	
N	.0	.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
NNE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
NE	.0	1.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
ENE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
E	.0	1.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
ESE	.0	1.6	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
SE	.0	1.1	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5
SSE	.0	2.6	.0	7.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	11.1
S	.0	2.1	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SSW	.0	1.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
W	.0	4.2	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
WNW	.0	1.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5
NW	.0	1.1	.0	6.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2
NNW	.0	.5	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5
CALM	.1	19.6												.1	19.6
TOTAL	.2	40.2	.3	58.2	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.6	100
															4.7

SCK STOCKTON, CA
 CLASS 5 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1977

STATION NAME: SCK STOCKTON, CA

CLASS 5 / NIGHT

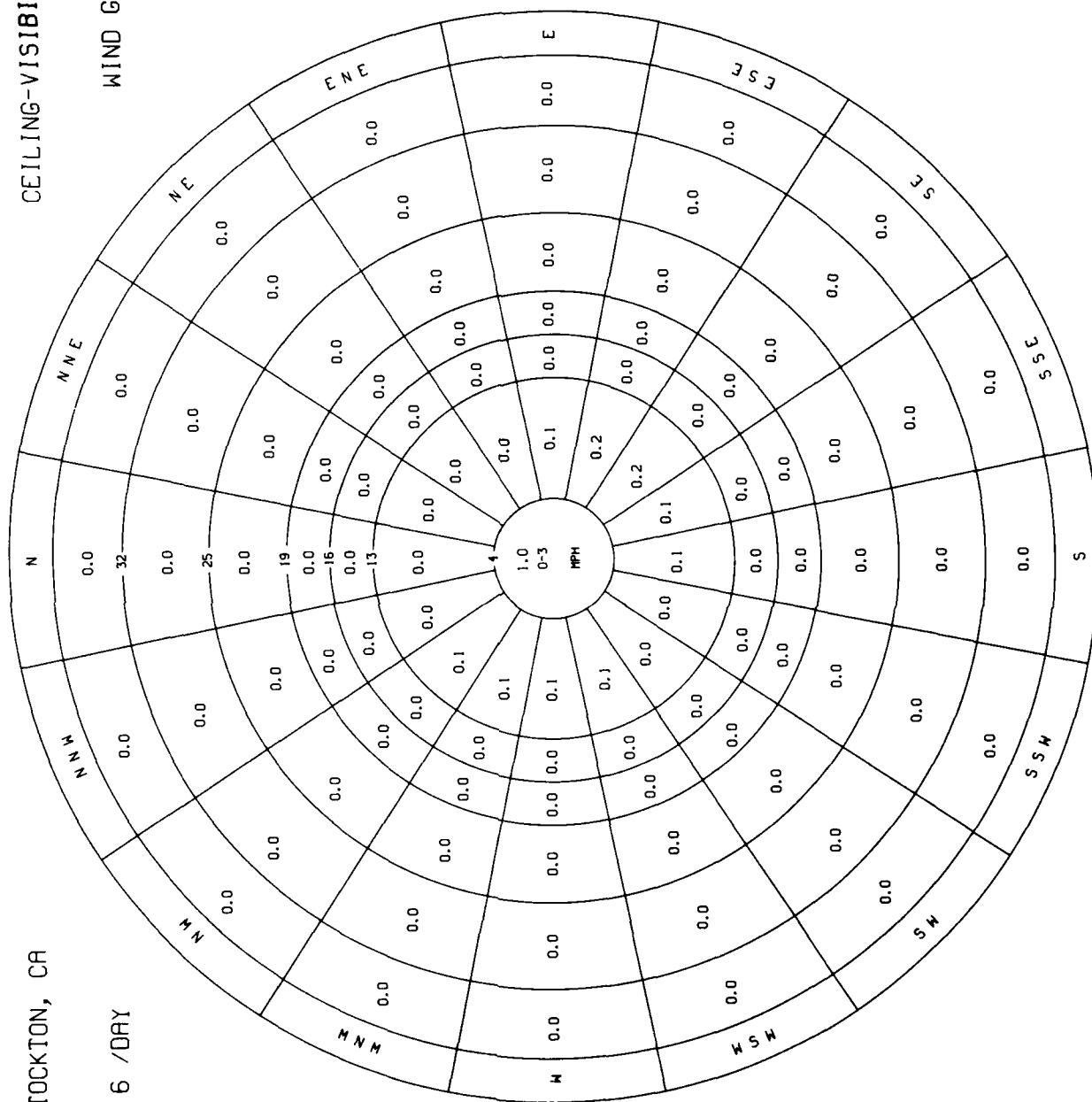
NO. OBS.: 164

STATION NUMBER: 23237

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	
N	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.8
NNE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
ENE	.0	1.8	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
E	.0	1.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
ESE	.0	.6	.0	7.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	9.1
SE	.0	2.4	.1	13.4	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.1	17.7
SSE	.0	.0	.0	7.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.1	8.5
S	.0	1.8	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
SSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
SW	.0	1.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
WSW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
W	.0	1.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
WNW	.0	.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
NNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
CALM	.2	25.0													25.0
TOTAL	.3	40.9	.3	55.5	.0	2.4	.0	.6	.0	.6	.0	.0	.0	.0	.6
															100
															4.9

CEILING-VISIBILITY

WIND GRAPH



SCK STOCKTON, CA

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

CLASS 6 / DAY

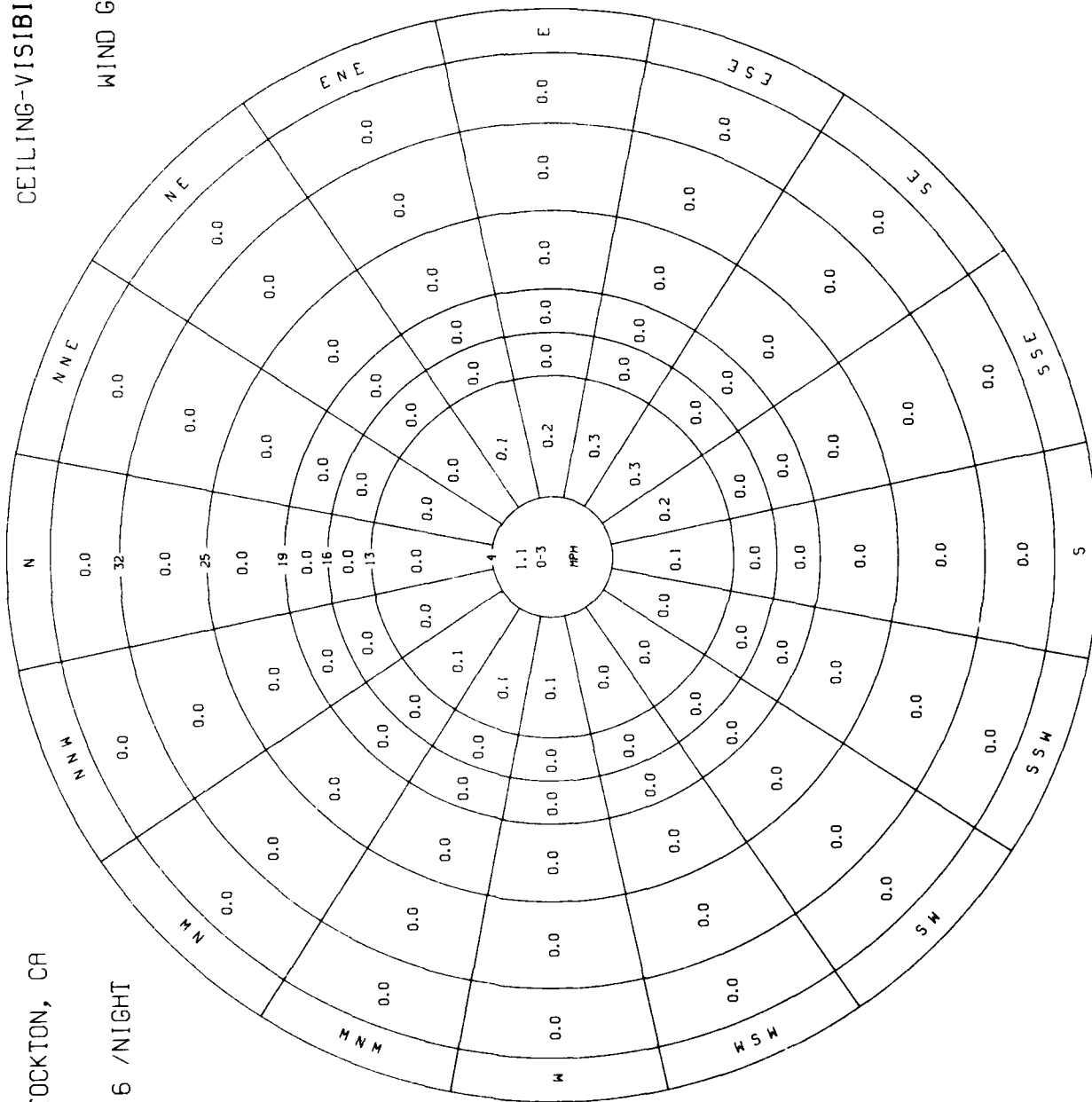
STATION NUMBER: 23237

NO. OBS.: 715

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	
N	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
NNE	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
NE	.0	.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
ENE	.0	1.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
E	.0	2.1	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.4
ESE	.0	1.3	.2	7.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 9.2
SE	.0	2.0	.2	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 10.3
SSE	.0	1.4	.1	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.8
S	.1	2.4	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.4
SSW	.0	.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
SW	.0	1.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
WSW	.0	1.1	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
W	.0	2.0	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.3
WNW	.0	1.4	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.7
NW	.0	1.0	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
NNW	.0	.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
CALM	.5	22.5													.5 22.5
TOTAL	1.0	43.1	1.3	56.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2 100

CEILING-VISIBILITY

WIND GRAPH



SCK STOCKTON, CA

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SCK STOCKTON, CA

PERIOD: 1949-1977

CLASS 6 / NIGHT

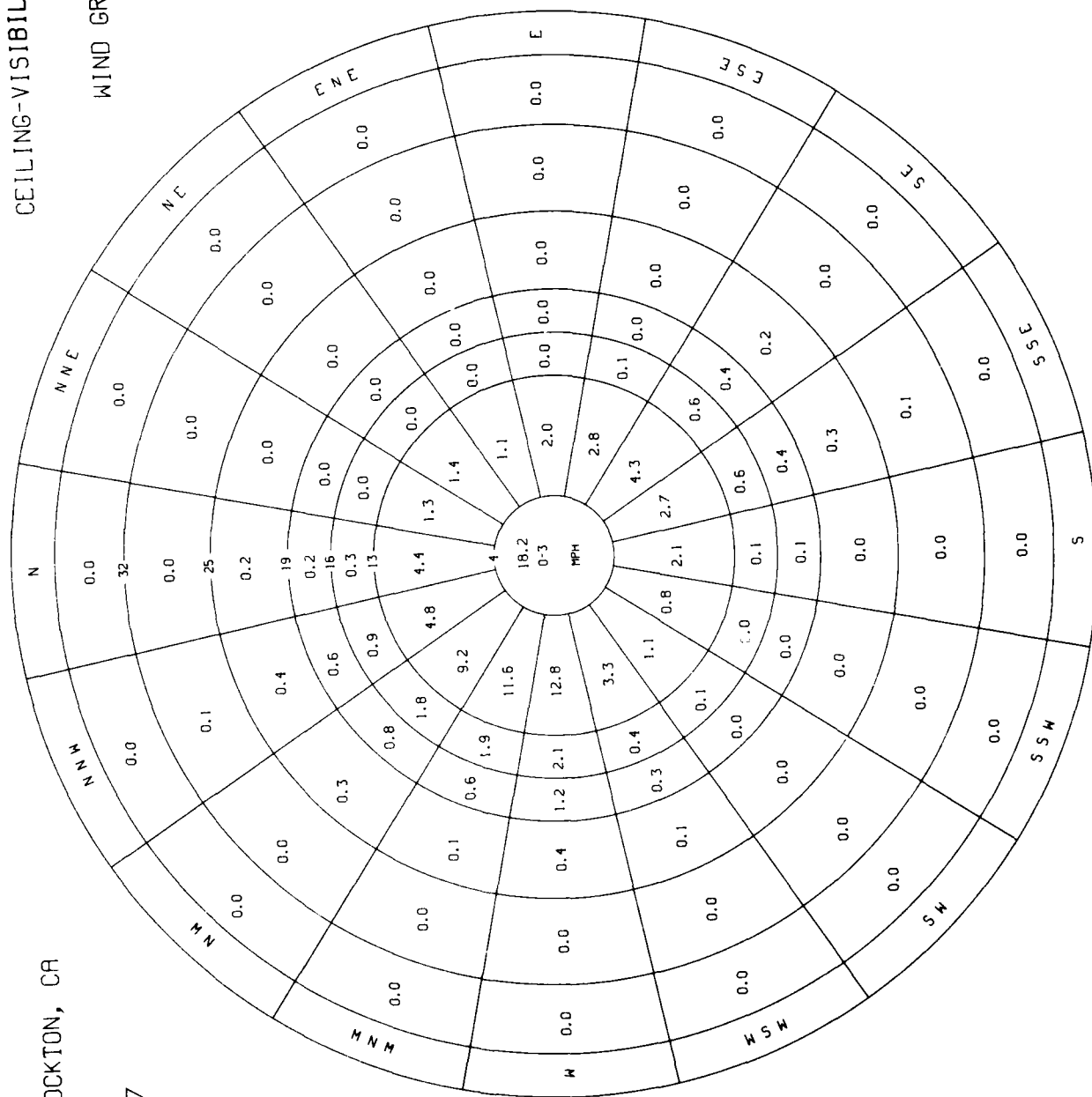
STATION NUMBER: 23237

NO. OBS.: 737

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	
N	.0	.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.0
NNE	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
NE	.0	1.1	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
ENE	.0	.8	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
E	.0	1.6	.2	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.9
ESE	.0	1.4	.3	9.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 11.0
SE	.1	2.3	.3	12.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4 15.1
SSE	.0	.7	.2	6.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.9
S	.0	1.8	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.4
SSW	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
SW	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
WSW	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
W	.1	2.8	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.9
WNW	.0	.5	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
NW	.0	.7	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.6
NNW	.0	.4	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
CALM	.6	20.9													.6 20.9
TOTAL	1.1	39.6	1.7	59.4	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	2.8 100 4.6

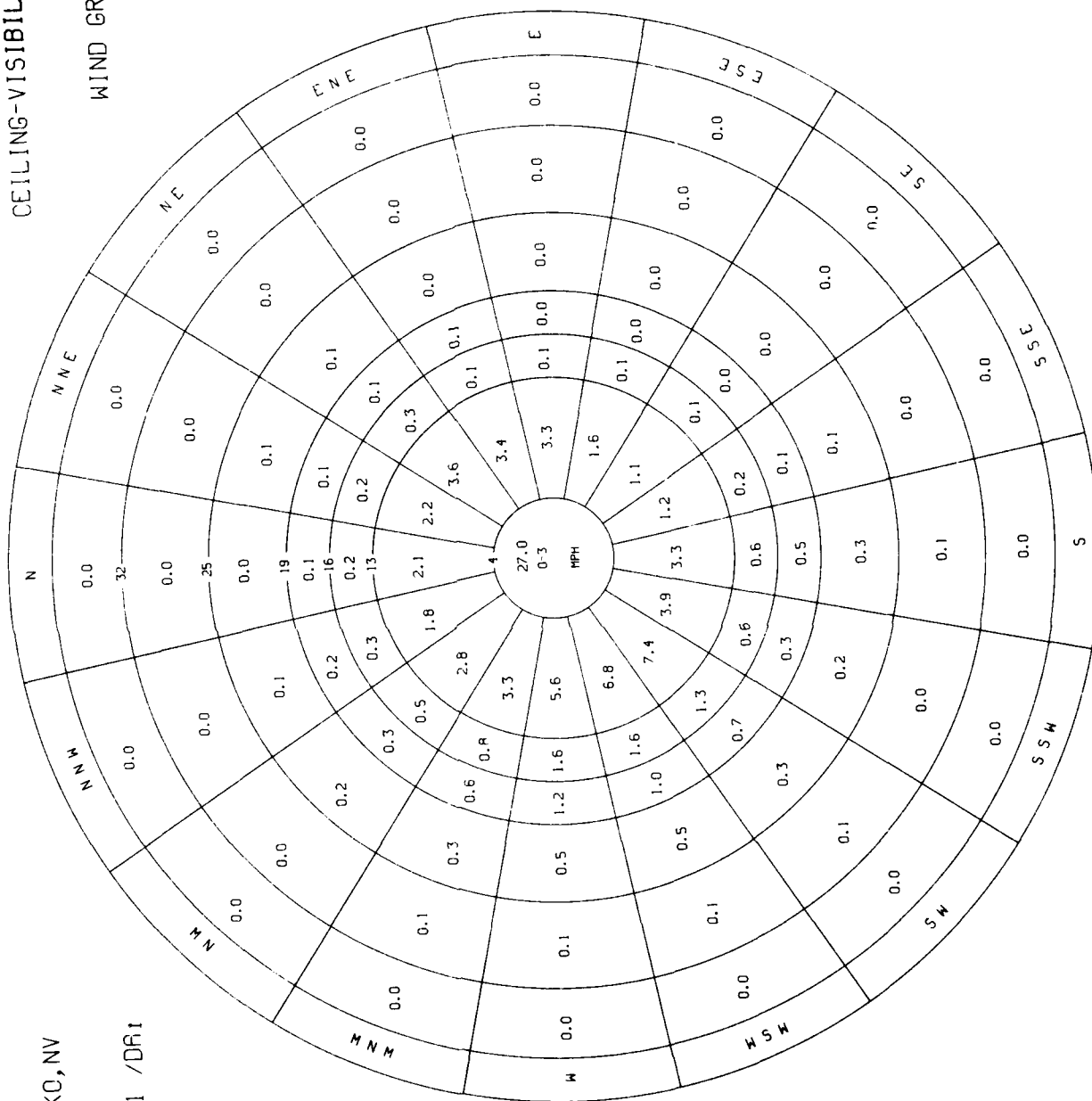
SCK STOCKTON, CA

CLASS 7



CEILING-VISIBILITY WIND GRAPH

EKO ELKO, NV
CLASS 1 /DR1



PRECEDING PAGE BLANK-NOT FILLED

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EKO ELKO, NV

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 24121

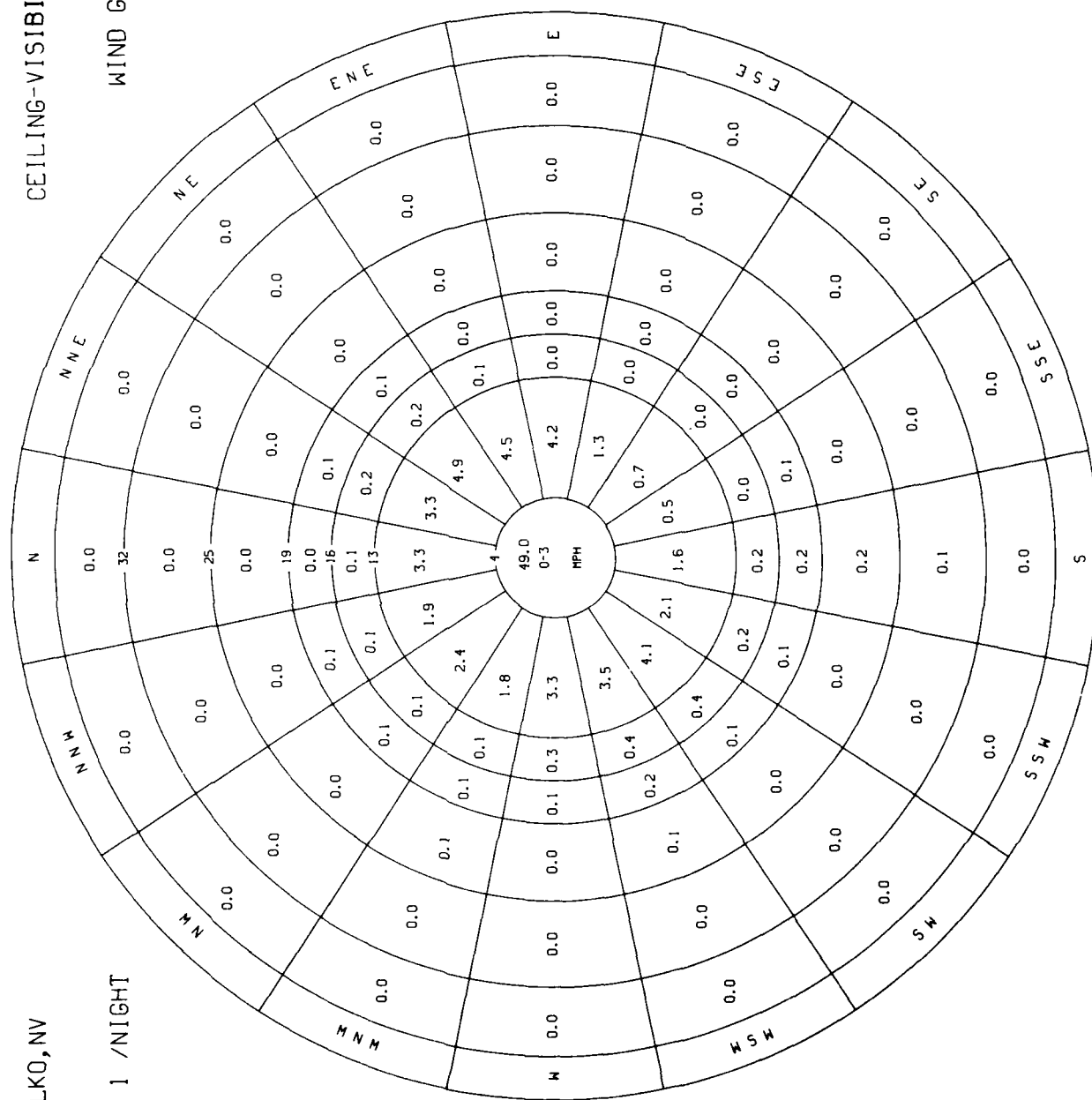
NO. OBS.: 49106

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	.5	2.1	2.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.9	3.0	7.4
NNE	.4	.4	2.2	2.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.0	3.0	7.9
NE	.8	.8	3.6	3.7	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	4.9	5.0	7.3
ENE	.6	.6	3.4	3.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	4.1	4.2	6.8
E	.9	.9	3.3	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.5	6.2
ESE	.4	.4	1.6	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	6.2
SE	.4	.4	1.1	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.7	6.2
SSE	.3	.3	1.2	1.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.0	2.0	9.0
S	.5	.5	3.3	3.4	.6	.6	.5	.5	.3	.3	.1	.1	.0	.0	5.3	5.4	9.9
SSW	.5	.5	3.9	4.0	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	5.6	5.7	9.3
SW	.9	1.0	7.4	7.6	1.3	1.4	.7	.8	.3	.3	.1	.1	.0	.0	10.8	11.0	9.4
WSW	.6	.6	6.8	6.9	1.6	1.6	1.0	1.0	.5	.5	.1	.1	.0	.0	10.5	10.8	10.3
W	.8	.8	5.6	5.7	1.6	1.6	1.2	1.2	.5	.5	.1	.1	.0	.0	9.8	10.0	10.6
WNW	.4	.4	3.3	3.3	.8	.8	.6	.6	.3	.3	.1	.1	.0	.0	5.4	5.6	10.6
NW	.5	.5	2.8	2.9	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	4.4	4.5	9.4
NNW	.3	.3	1.8	1.8	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.8	2.8	9.1
CALM	18.3	18.7													18.3	18.7	
TOTAL	27.0	27.6	53.5	54.7	8.5	8.7	5.4	5.6	2.6	2.7	.6	.6	.1	.1	97.7	100	7.4

WIND GRAPH

EKO ELKO, NV

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EKO ELKO, NV

CLASS 1 / NIGHT

NO. OBS.: 36276

STATION NUMBER: 24121

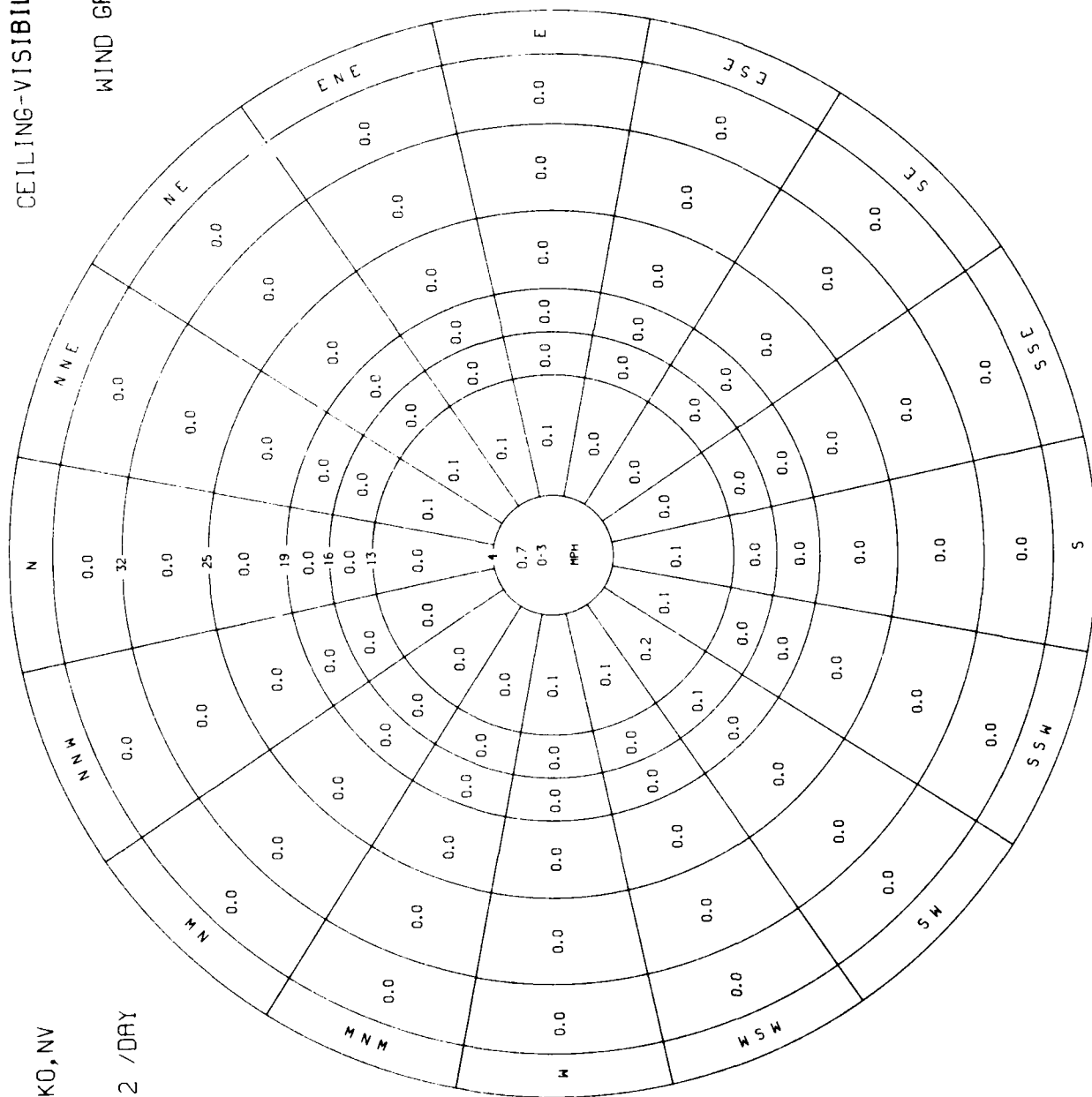
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	1.2	1.2	3.3	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.8	5.6
NNE	.8	.8	3.3	3.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.4	4.5	6.6
NE	1.4	1.4	4.9	5.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	6.7	6.9	6.5
ENE	.8	.9	4.5	4.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.6	6.3
E	1.6	1.6	4.2	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.9	5.6
ESE	.5	.5	1.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.9	5.3
SE	.5	.5	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	5.0
SSE	.2	.2	.5	.5	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.7	2.7	8.5
S	.3	.3	1.6	1.7	.2	.2	.2	.3	.2	.2	.1	.1	.0	.0	.0	2.9	3.0	9.8
SSW	.5	.5	2.1	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.5	5.7	8.1
SW	.8	.8	4.1	4.2	.4	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	4.8	4.9	7.7
WSW	.7	.7	3.5	3.6	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	4.8	4.9	7.8
W	1.0	1.0	3.3	3.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.7	2.8	7.0
WNW	.6	.7	1.8	1.9	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	3.6	3.7	7.1
NW	1.0	1.0	2.4	2.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.7	2.8	6.2
NNW	.6	.6	1.9	2.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	36.7	37.8	6.4
CALM	36.7	37.8							.7	.7	.2	.2	.0	.0	.0	97.1	100	4.2
TOTAL	49.0	50.4	43.4	44.7	2.4	2.5	1.4	1.4										

CEILING-VISIBILITY

WIND GRAPH

EKO ELKO, NV

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EKO ELKO, NV

PERIOD: 1948-1978

CLASS 2 / DAY

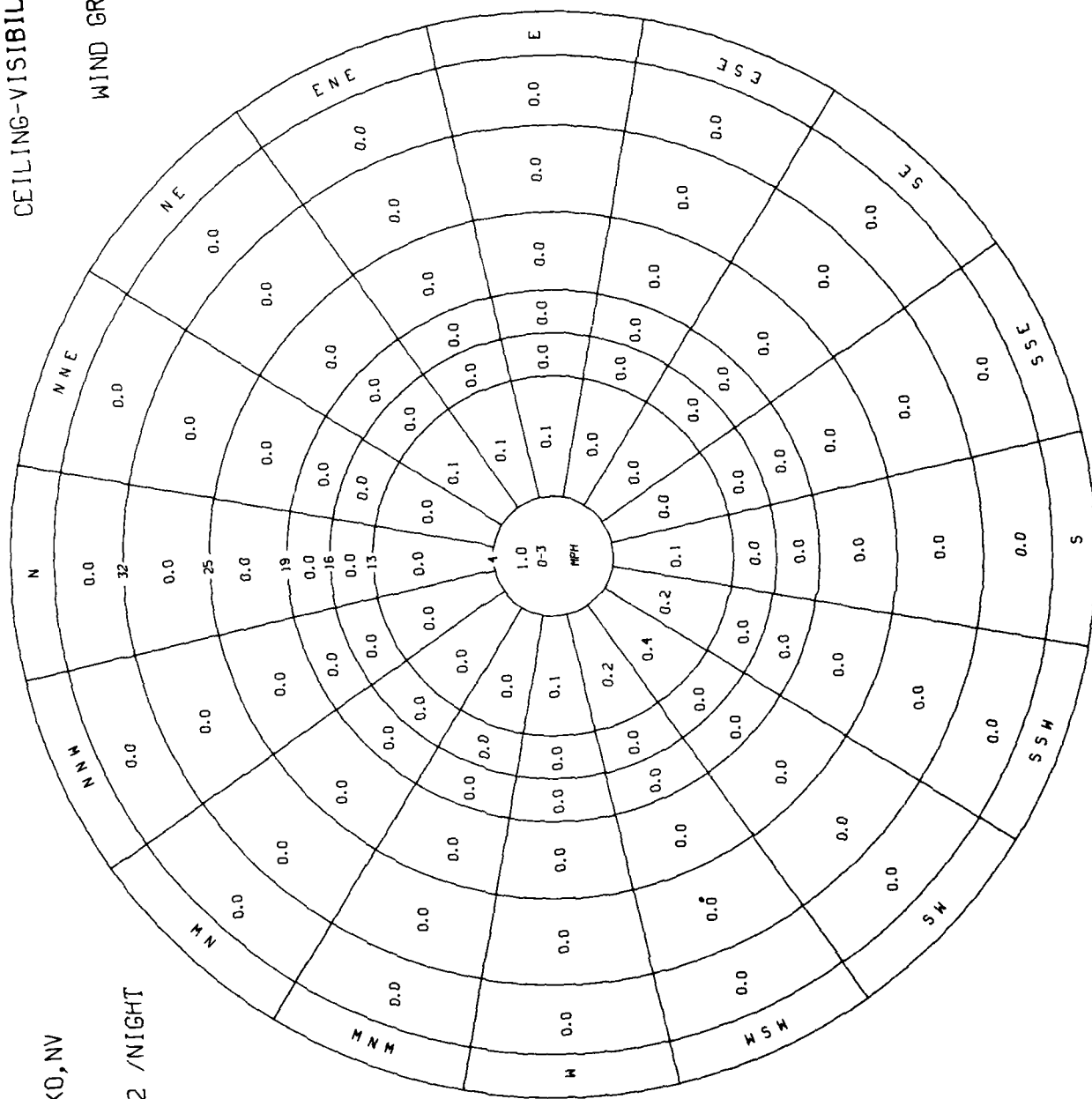
STATION NUMBER: 24121

NO. OBS.: 1163

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	1.8	.0	.1	.0	.3	.0	.0	.0	.1	.0	.0	.0	.1	3.1	7.6
NNE	.0	.2	.1	2.5	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	3.0	7.6
NE	.0	1.0	.1	4.7	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	6.0	6.4
ENE	.0	.4	.1	4.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.4
E	.0	.5	.1	3.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	5.7
ESE	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.1
SE	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.9
SSE	.0	.0	.0	.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5	12.8
S	.0	.6	.1	3.2	.0	.4	.0	.3	.0	.2	.0	.2	.0	.0	.0	.1	4.8	9.4
SSW	.0	.2	.1	5.8	.0	1.6	.0	.3	.0	.3	.0	.2	.0	.0	.0	.2	8.3	10.2
SW	.0	.9	.2	10.2	.1	2.8	.0	1.3	.0	.7	.0	.1	.0	.0	.0	.4	15.9	10.4
WSW	.0	.9	.1	6.2	.0	2.1	.0	1.0	.0	.6	.0	.2	.0	.0	.0	.3	11.0	10.6
W	.0	.4	.1	4.7	.0	1.0	.0	.7	.0	.9	.0	.2	.0	.1	.0	.2	8.0	11.1
WNW	.0	.6	.0	1.4	.0	.3	.0	.0	.0	.5	.0	.2	.0	.1	.0	.1	3.0	11.9
NW	.0	.3	.0	1.5	.0	.2	.0	.1	.0	.6	.0	.2	.0	.1	.0	.1	2.8	12.4
NNW	.0	.3	.0	.9	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.0	9.4
CALM	.5	20.3														.5	20.3	
TOTAL	.7	28.1	1.2	52.5	.2	9.0	.1	4.9	.1	4.0	.0	1.2	.0	.3	.2	3	100	7.5

CEILING-VISIBILITY

WIND GRAPH



EKO ELKO, NV

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EKO ELKO, NV

CLASS 2 / NIGHT

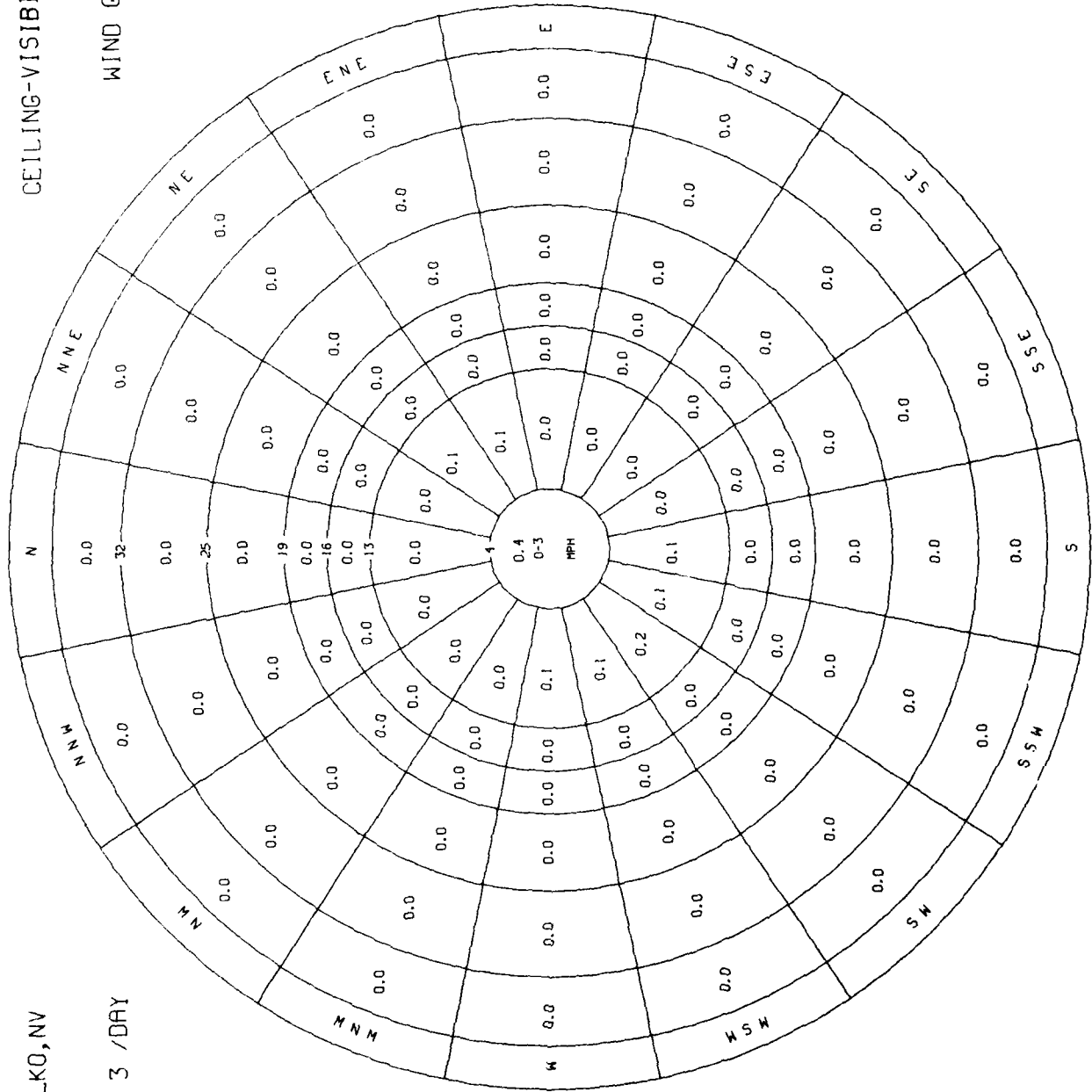
NO. OBS.: 1093

STATION NUMBER: 24121

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	
N	.0	.5	.0	1.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 1.8
NNE	.0	.3	.0	1.3	.0	.4	.0	.4	.0	.1	.0	.0	.0	.1	.1 2.5
NE	.0	.9	.1	3.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.2 5.2
ENE	.0	.3	.1	3.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
E	.0	.7	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
ESE	.0	.5	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
SE	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SSE	.0	.1	.0	.3	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0 .6
S	.0	.4	.1	3.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
SSW	.0	.3	.2	7.0	.0	1.6	.0	.4	.0	.2	.0	.0	.0	.1	.3 9.4
SW	.0	1.1	.4	13.3	.0	1.5	.0	.5	.0	.5	.0	.1	.0	.2	.5 17.2
WSW	.0	.9	.2	7.3	.0	.8	.0	1.3	.0	.5	.0	.0	.0	.1	.3 10.9
W	.0	1.6	.1	3.4	.0	.6	.0	.5	.0	.3	.0	.0	.0	.1	.2 6.6
WNW	.0	.2	.0	1.3	.0	.4	.0	.3	.0	.5	.0	.1	.0	.1	.1 2.7
NW	.0	.3	.0	1.1	.0	.0	.0	.1	.0	.1	.0	.1	.0	.1	.1 1.7
NNW	.0	.4	.0	1.4	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1 2.3
CALM	.7	24.2	1.5	53.0	.2	6.3	.1	4.1	.1	2.4	.0	.6	.0	.7	.7 24.2
TOTAL	1.0	32.8	1.5	53.0	.2	6.3	.1	4.1	.1	2.4	.0	.6	.0	.7	2.9 100
															6.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EKO ELKO, NV

PERIOD: 1948-1978

CLASS 3 / DAY

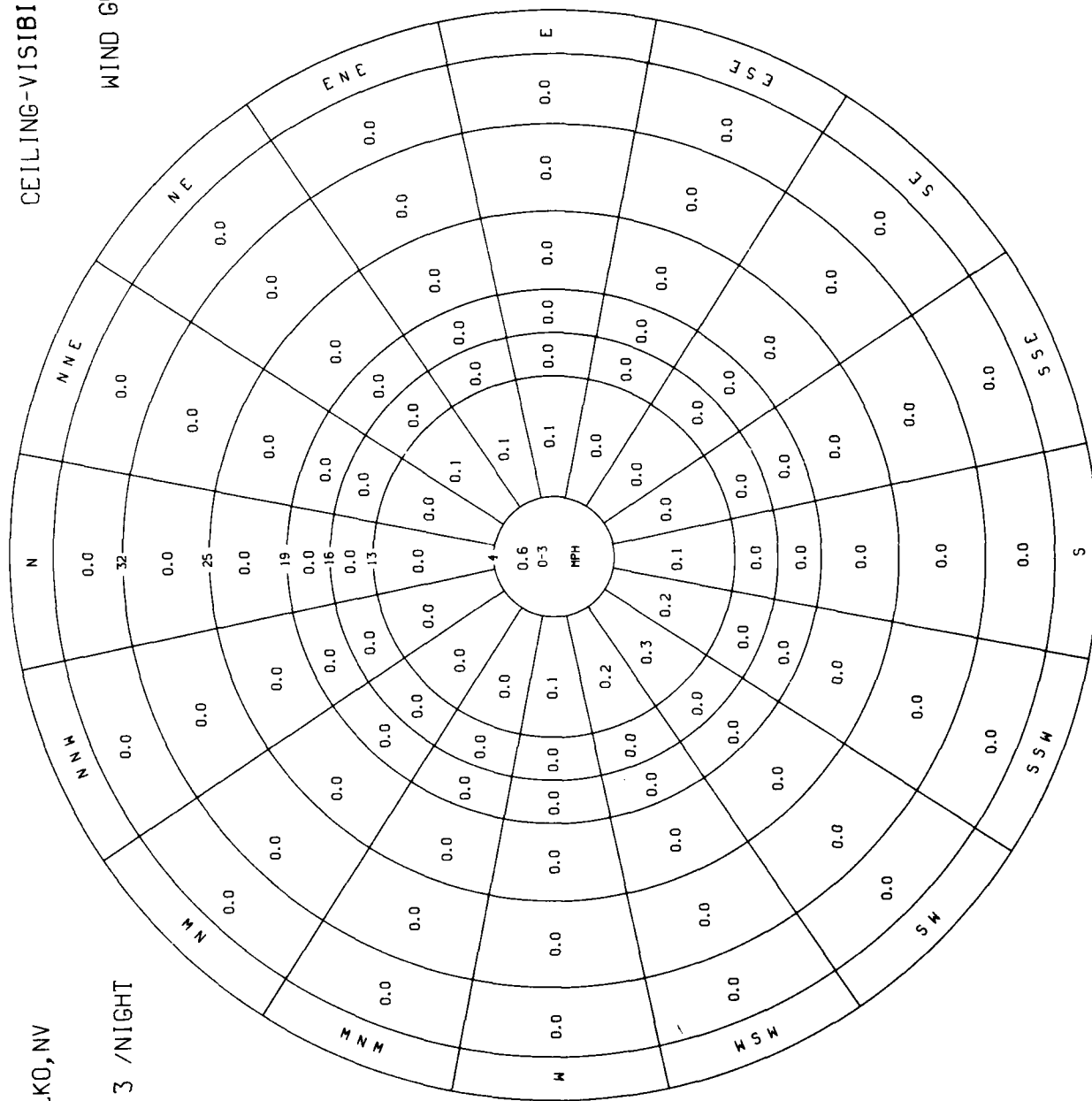
STATION NUMBER: 24121

NO. OBS.: 800

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	
N	.0	.4	.0	1.7	.0	.1	.0	.2	.0	.0	.0	.1	.0	.0	.0 2.6
NNE	.0	.1	.0	2.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0 3.1
N E	.0	1.1	.1	5.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1 6.4
ENE	.0	.5	.1	4.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 5.0
E	.0	.5	.0	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
ESE	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SE	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SSE	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 .4
S	.0	.5	.1	4.4	.0	.4	.0	.4	.0	.2	.0	.1	.0	.0	.1 6.0
SSW	.0	.2	.1	6.3	.0	2.1	.0	.4	.0	.1	.0	.1	.0	.0	.1 9.2
SW	.0	.6	.2	12.0	.0	2.9	.0	.7	.0	.6	.0	.0	.0	.0	.3 16.9
WSW	.0	1.0	.1	7.4	.0	2.7	.0	1.0	.0	.4	.0	.1	.0	.0	.2 12.6
W	.0	.4	.1	4.6	.0	.7	.0	.6	.0	.5	.0	.1	.0	.0	.1 7.0
WNW	.0	.5	.0	1.2	.0	.1	.0	.0	.0	.2	.0	.2	.0	.1	.0 2.5
NW	.0	.2	.0	1.4	.0	.2	.0	.1	.0	.5	.0	.2	.0	.1	.0 2.9
NNW	.0	.2	.0	1.1	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0 2.4
CALM	.3	17.5													.3 17.5
TOTAL	.4	24.4	.9	56.6	.2	10.0	.1	4.7	.0	2.9	.0	1.1	.0	.2	1.6 100
															7.7

CEILING-VISIBILITY

WIND GRAPH



END ELKO, NV

CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EKO ELKO, NV

CLASS 3 / NIGHT

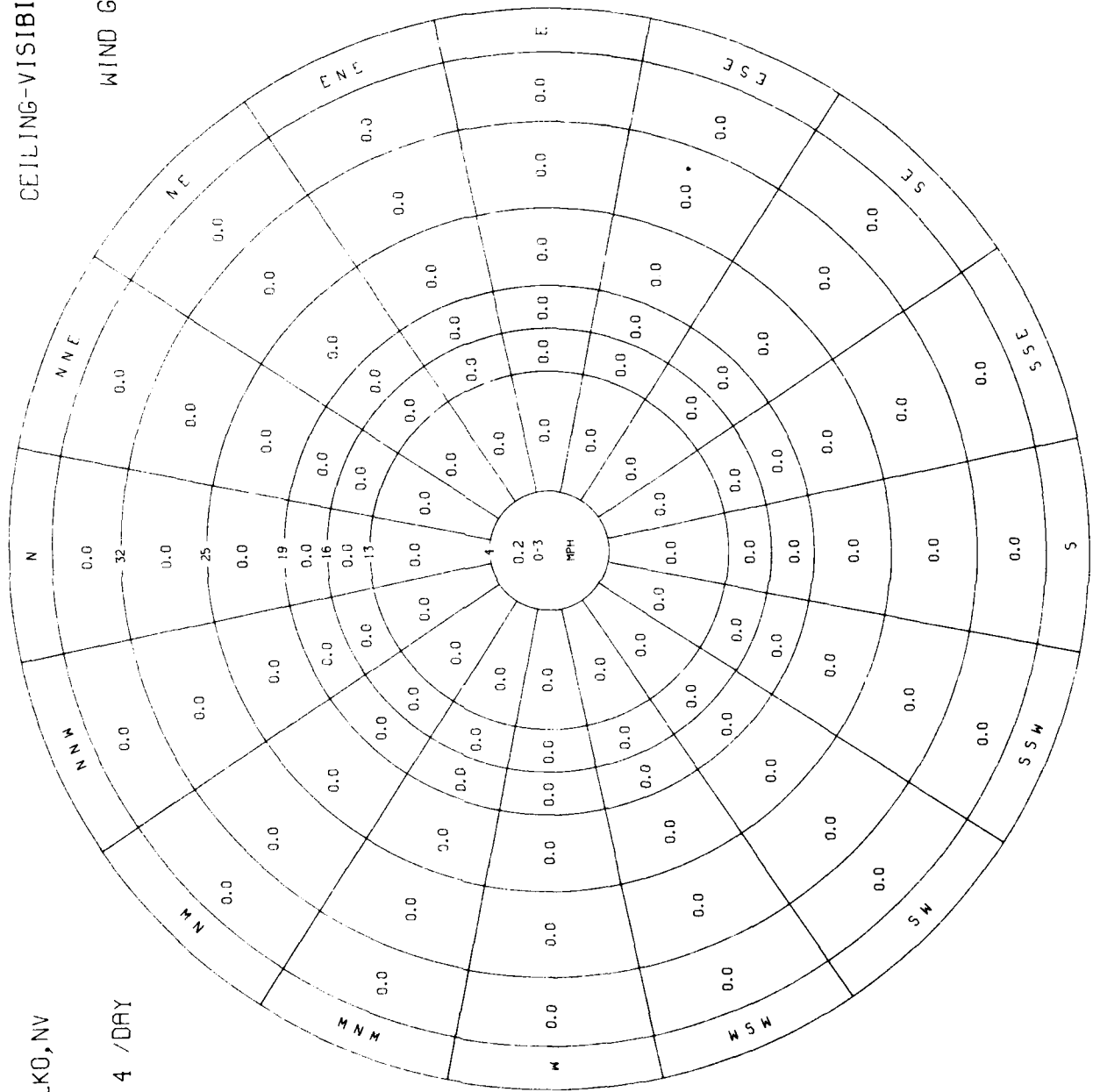
NO. OBS.: 800

STATION NUMBER: 24121

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
N	.0	.4	.0	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.9	7.9
NNE	.0	.2	.0	1.4	.0	.5	.0	.5	.0	.1	.0	.0	.0	.0	.1	2.9	11.6
NE	.0	.5	.1	3.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.6	7.1
ENE	.0	.2	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	6.5
E	.0	.6	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	6.3
ESE	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
SE	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.0
SSE	.0	.0	.0	.2	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.6	15.0
S	.0	.2	.1	3.9	.0	.2	.0	.0	.0	.0	.0	.2	.0	.0	.1	4.6	8.9
SSW	.0	.2	.2	8.2	.0	2.0	.0	.4	.0	.1	.0	.0	.0	.1	.2	11.1	9.6
SW	.0	1.1	.3	15.4	.0	1.6	.0	.2	.0	.6	.0	.0	.0	.1	.4	19.1	9.0
WSW	.0	.9	.2	8.1	.0	1.0	.0	1.1	.0	.5	.0	.0	.0	.0	.2	11.6	9.6
W	.0	1.6	.1	3.4	.0	.7	.0	.5	.0	.2	.0	.0	.0	.0	.1	6.5	8.2
WNW	.0	.2	.0	1.5	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.1	2.7	10.0
NW	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	1.7	8.8
NNW	.0	.5	.0	1.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	2.4	7.9
CALM	.5	21.2													.5	21.2	
TOTAL	.6	29.2	1.2	56.7	.2	7.4	.1	3.6	.0	2.2	.0	.4	.0	.4	2.1	100	6.9

EKO ELKO, NV

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

MINUTAL

STATION NAME: EL PASO, NV

PERIOD: 1948-1978

CLOUDS / DAY

STATION NUMBER: 4121

NO. OBS.: 250

D T 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	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.1
NNE	.0	.0	.0	3.2	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.9
NE	.0	.4	.0	4.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.0
ENE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.6
E	.0	.4	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	5.7
ESE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
SE	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.2
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	1.2	13.3
S	.0	.8	.0	.4	.0	.8	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	2.4	10.5
SSW	.0	.0	.0	5.6	.0	.8	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	7.2	9.9
SW	.0	2.0	.0	8.0	.0	3.2	.0	2.4	.0	.8	.0	.4	.0	.0	.0	.1	16.8	10.4
WSW	.0	.8	.0	2.4	.0	.4	.0	1.2	.0	.4	.0	.4	.0	.0	.0	.0	5.6	11.7
W	.0	.8	.0	5.2	.0	1.2	.0	.8	.0	2.0	.0	.0	.0	.0	.4	.1	10.4	11.9
WNW	.0	1.2	.0	2.0	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	5.2	10.5
NW	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	2.4	7.2
NNW	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.7
TOTAL	.2	20.8	.2	48.0	.0	7.6	.0	5.2	.0	5.6	.0	1.2	.0	.4	.5	120.8	7.2	

F/G 4/2

DOT-FA79WAI-057

NL

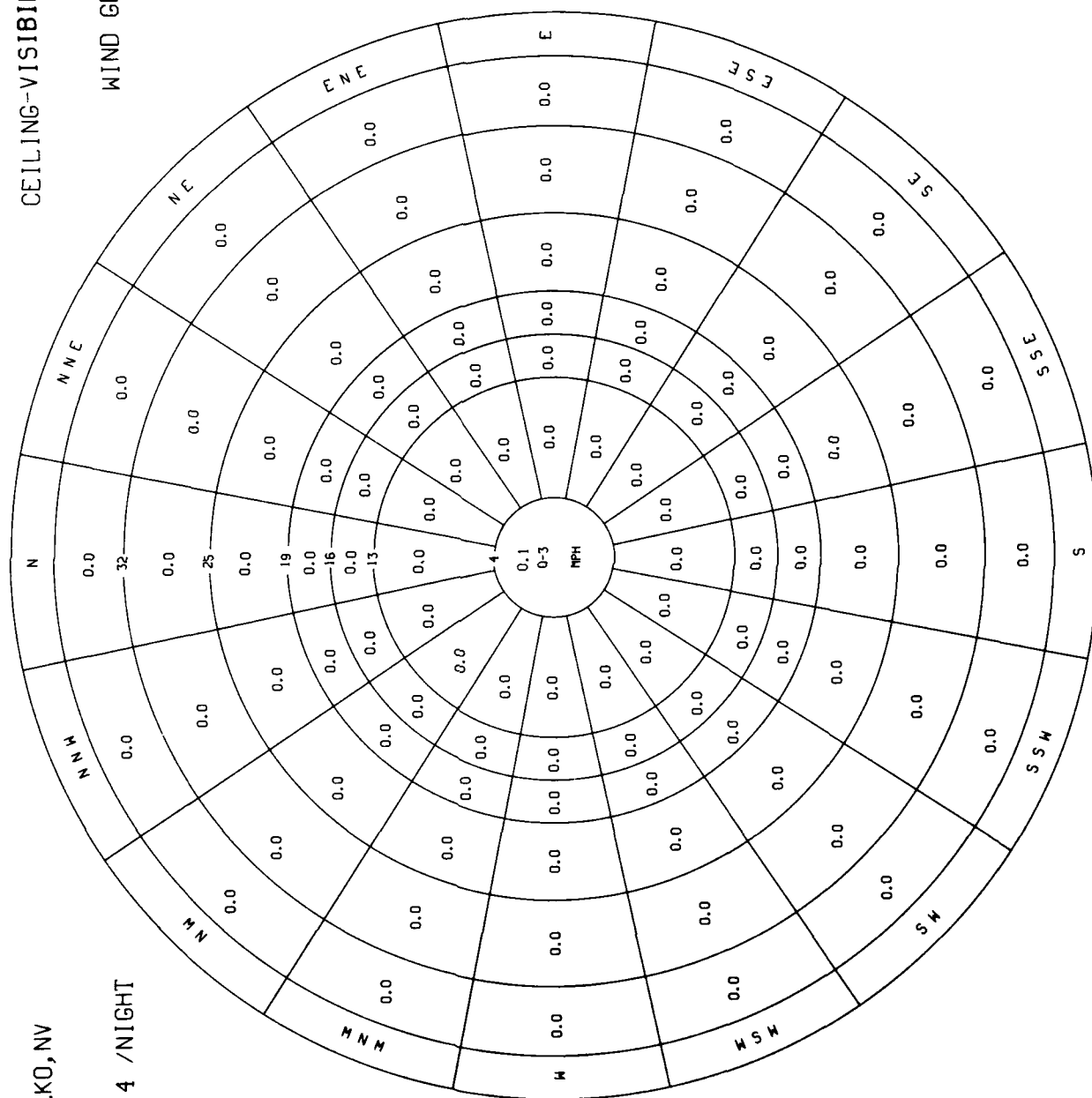
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81																			

A
817

CEILING-VISIBILITY

WIND GRAPH



EKO ELKO, NV

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EKO ELKO, NV

CLASS 4 / NIGHT

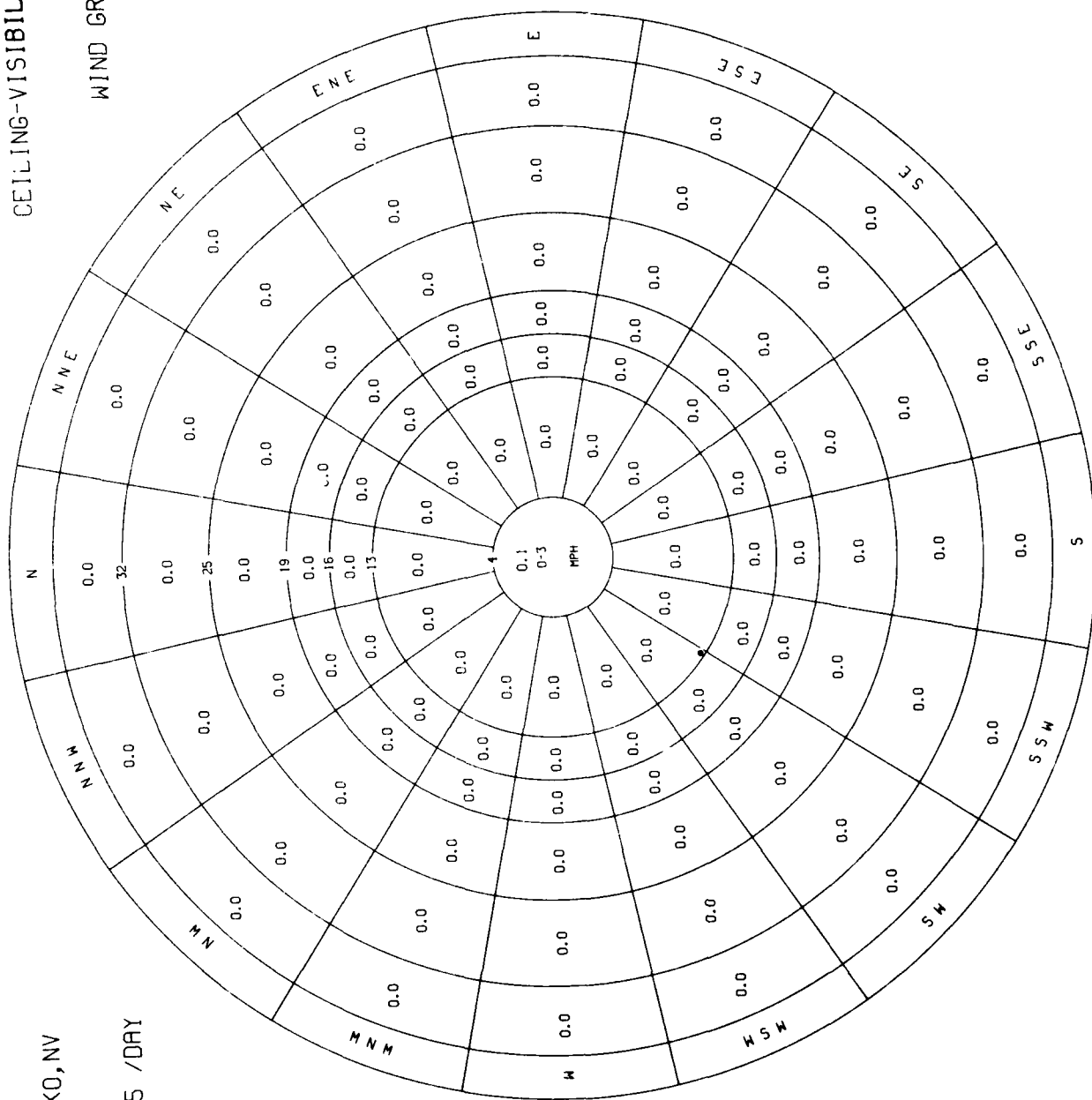
NO. OBS.: 181

STATION NUMBER: 24121

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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
NNE	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.7
NE	.0	1.1	.0	3.9	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	6.1	8.0
ENE	.0	.0	.0	4.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	8.3
E	.0	.6	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.5
ESE	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
SE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
SSE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
S	.0	.0	.0	3.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.4
SSW	.0	.6	.0	4.4	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	6.6	10.2
SW	.0	1.7	.0	9.4	.0	1.7	.0	2.2	.0	.6	.0	.6	.0	.6	.1	16.6	11.6
WSW	.0	1.1	.0	6.1	.0	.6	.0	2.2	.0	.6	.0	.0	.0	.0	.1	10.5	10.1
W	.0	1.7	.0	4.4	.0	.6	.0	.6	.0	.0	.0	1.1	.0	.0	.0	8.3	9.8
WNW	.0	.0	.0	1.1	.0	.0	.0	.6	.0	1.1	.0	.6	.0	.6	.0	3.9	19.3
NW	.0	.0	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.1	12.0
NNW	.0	.0	.0	.6	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	1.7	15.7
CALM	.1	23.2													.1	23.2	
TOTAL	.1	30.9	.2	49.2	.0	5.5	.0	7.7	.0	3.3	.0	2.2	.0	1.1	.5	100	7.7

CEILING-VISIBILITY

WIND GRAPH



EKO ELKO, NV

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EKO ELKO, NV

CLASS 5 / DAY

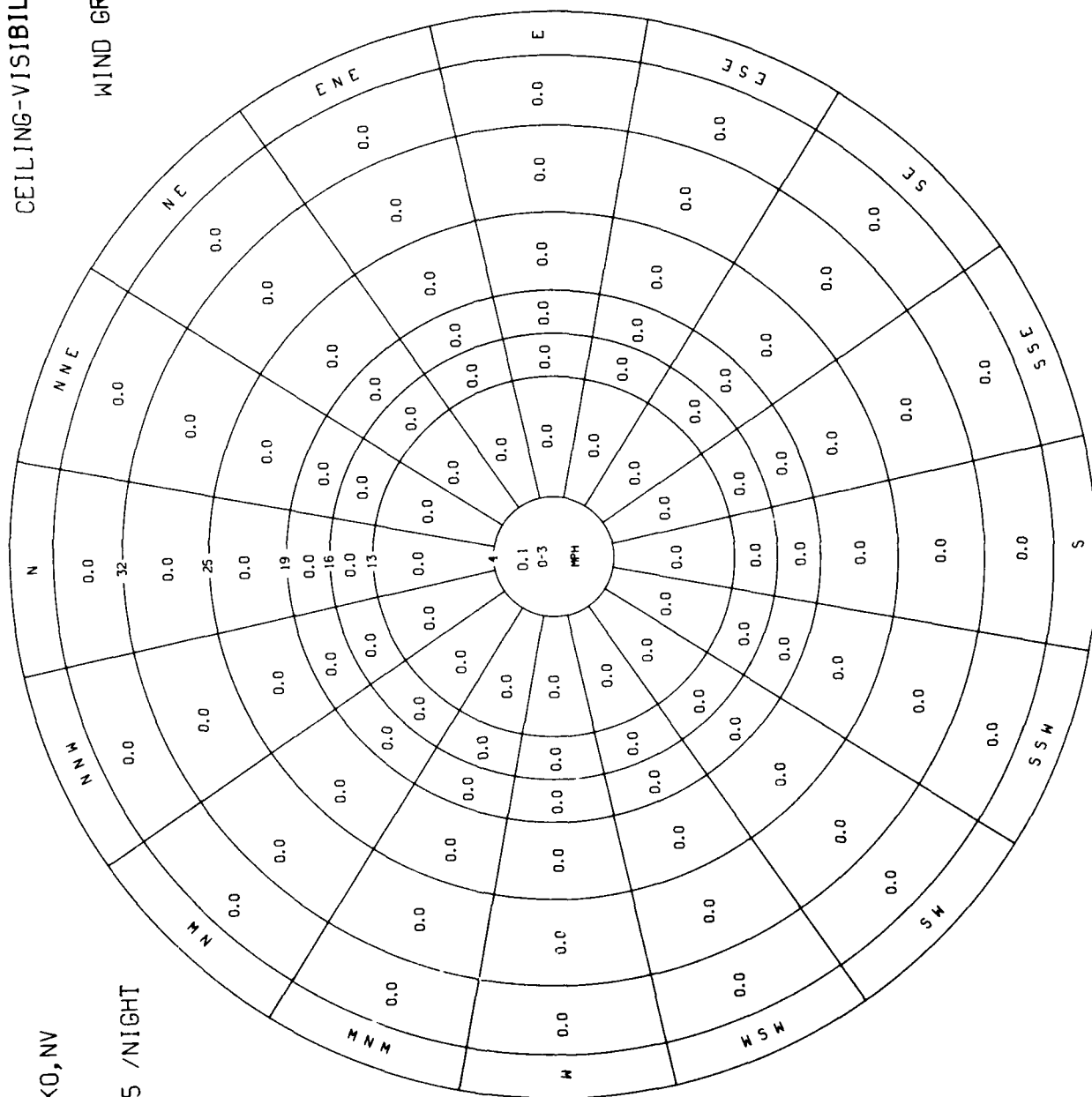
NO. OBS.: 76

STATION NUMBER: 24121

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	
N	.0	1.3	.0	1.3	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0 3.9
NNE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
NE	.0	1.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
ENE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
E	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
SSE	.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 1.3
SSW	.0	.0	.0	3.9	.0	.0	.0	.0	.0	1.3	.0	1.3	.0	.0	.0 6.6
SW	.0	.0	.0	3.9	.0	1.3	.0	3.9	.0	1.3	.0	.0	.0	.0	.0 10.5
WSW	.0	.0	.0	7.9	.0	2.6	.0	1.3	.0	1.3	.0	.0	.0	.0	.0 13.2
W	.0	.0	.0	3.9	.0	2.6	.0	.0	.0	1.3	.0	.0	.0	.0	.0 7.9
WNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0 2.6
NW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	2.6	.0	.0	.0	.0	.0 5.3
NNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
CALM	.1	35.5													.1 35.5
TOTAL	.1	43.4	.0	32.9	.0	6.6	.0	6.6	.0	9.2	.0	1.3	.0	.0	.2 100
															7.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EKO ELKG, NV

CLASS 5 / NIGHT

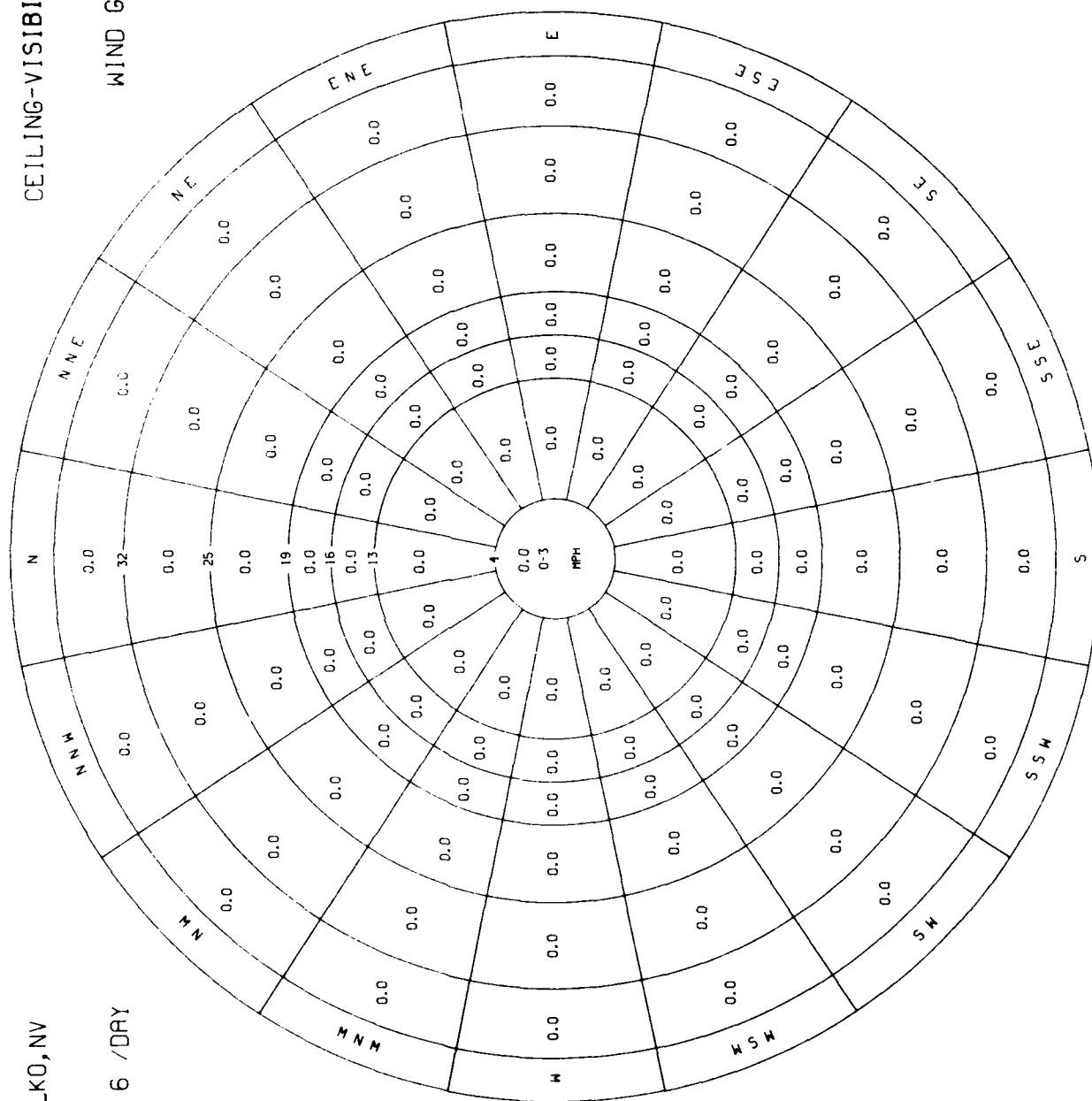
NO. OBS.: 58

STATION NUMBER: 24121

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	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.5
NNE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.0
NE	.0	1.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.0
ENE	.0	1.7	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	4.7
E	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.0
ESE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.0
S	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.0
SSW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.5
SW	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.3
WSW	.0	.0	.0	5.2	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	6.9	9.7
W	.0	1.7	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	3.4	12.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	1.7	24.0
NW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	1.7	14.0
NNW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.5
CALM	.1	43.1													.1	43.1	
TOTAL	.1	55.2	.1	37.9	.0	.0	.0	1.7	.0	3.4	.0	.0	.0	.0	1.7	2	100
																	4.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EKO ELKO, NV

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 24121

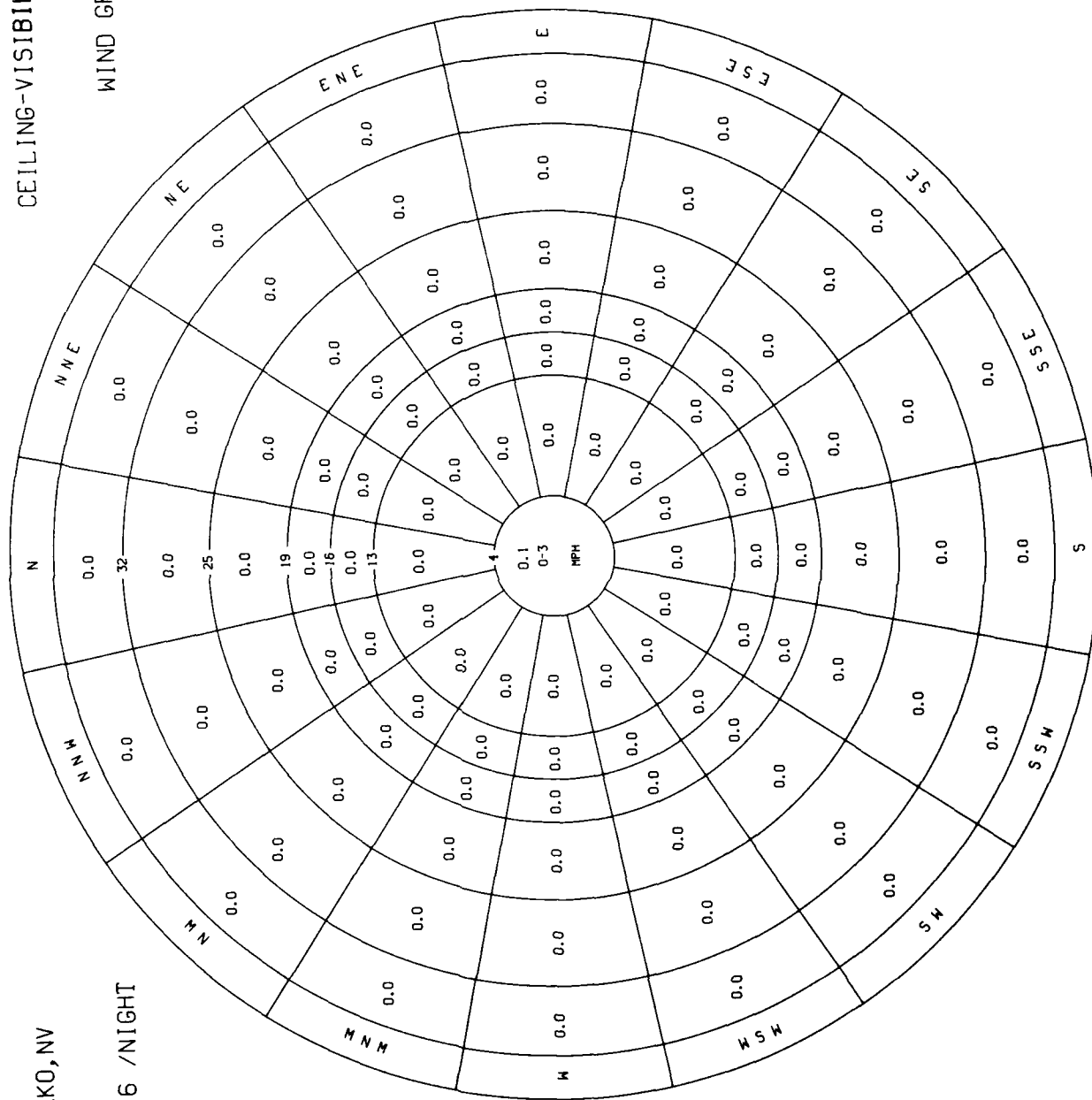
NO. OBS.: 37

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	
N	.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
NE	.0	2.7	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
ENE	.0	.0	.0	10.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
E	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
ESE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SE	.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
S	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SSW	.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
WSW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	5.4	.0	.0	.0	.0	17.3
W	.0	.0	.0	5.4	.0	2.7	.0	2.7	.0	.0	.0	2.7	.0	.0	16.2
WNW	.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
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	45.9													
TOTAL	.0	51.4	.0	35.1	.0	2.7	.0	2.7	.0	5.4	.0	2.7	.0	.0	5.4

WIND GRAPH

EKO ELKO, NV

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EKO ELKO, NV

PERIOD: 1948-1978

CLASS 6 / NIGHT

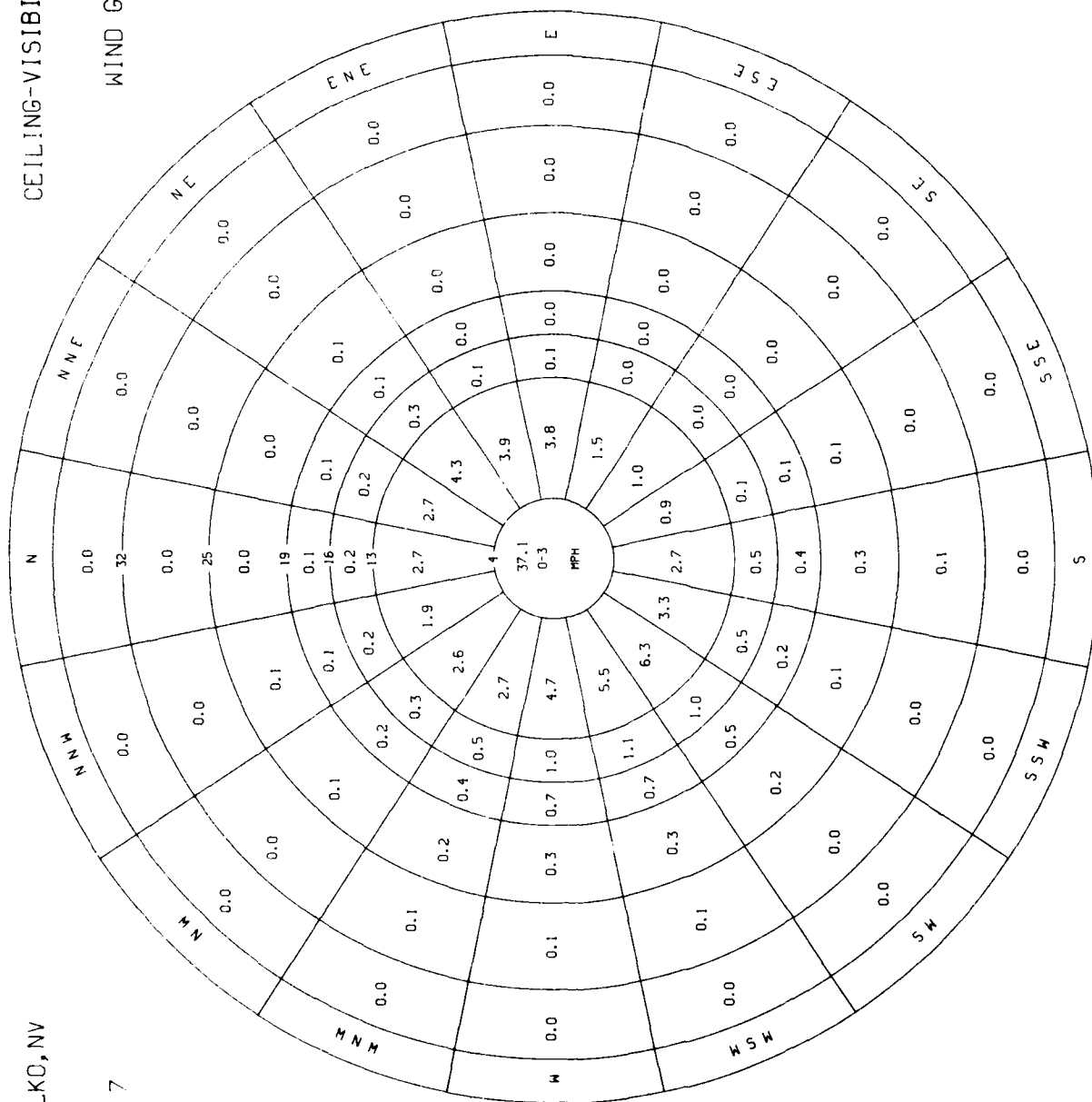
STATION NUMBER: 24121

NO. OBS.: 54

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	1.9	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	3.7	10.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	5.6	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	4.2	
ENE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0	
E	.0	3.7	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	4.5	
ESE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0	
SE	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	9.5	
WSW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	19.0	
W	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	14.7	
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	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0	
CALM	.1	50.0													.1	50.0		
TOTAL	.1	68.5	.0	25.9	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	3.7	1	100	4.0

CEILING-VISIBILITY

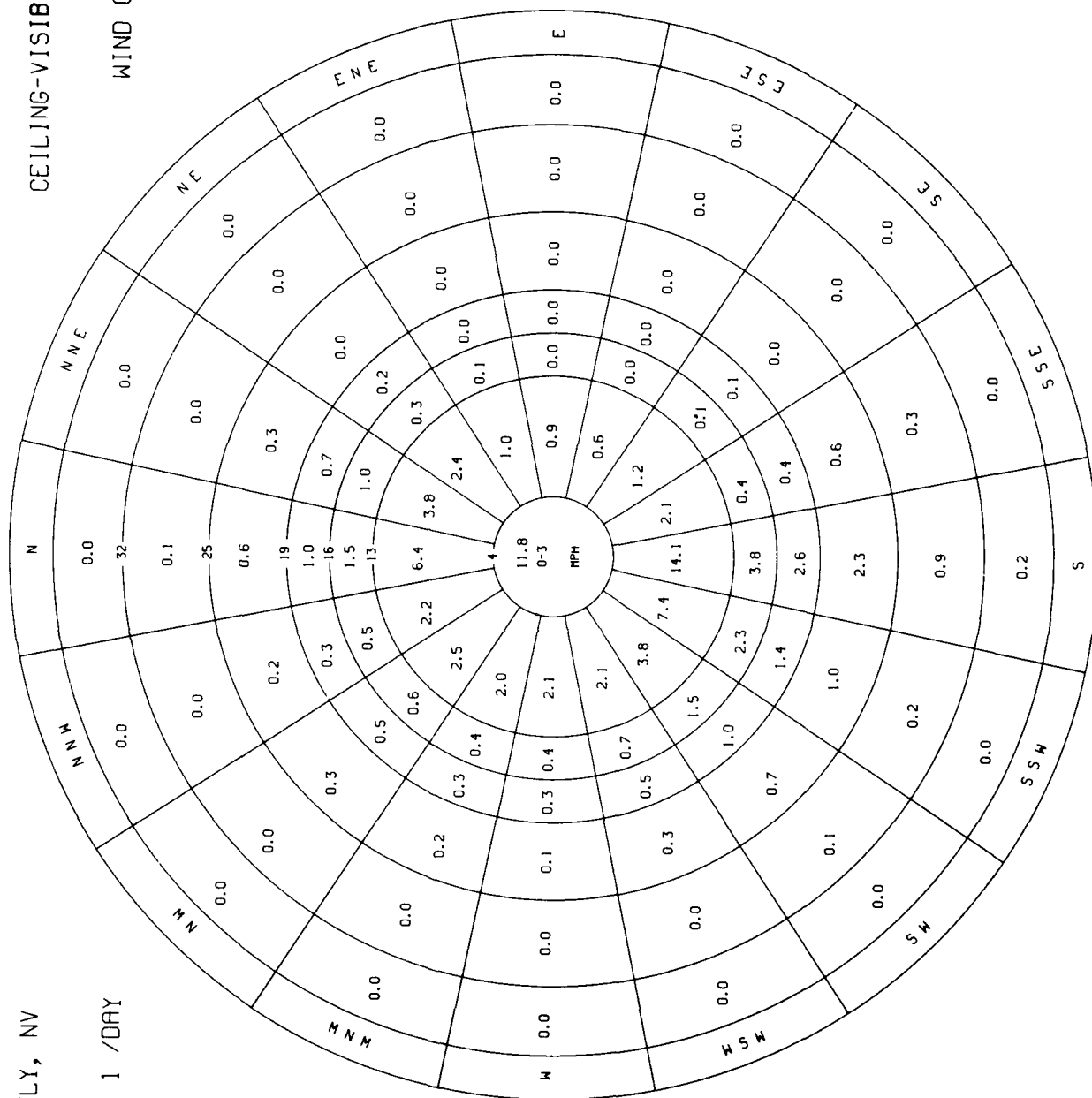
WIND GRAPH



WIND GRAPH

ELY ELY, NV

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELY ELY, NV

PERIOD: 1954-1978

CLASS 1 / DAY

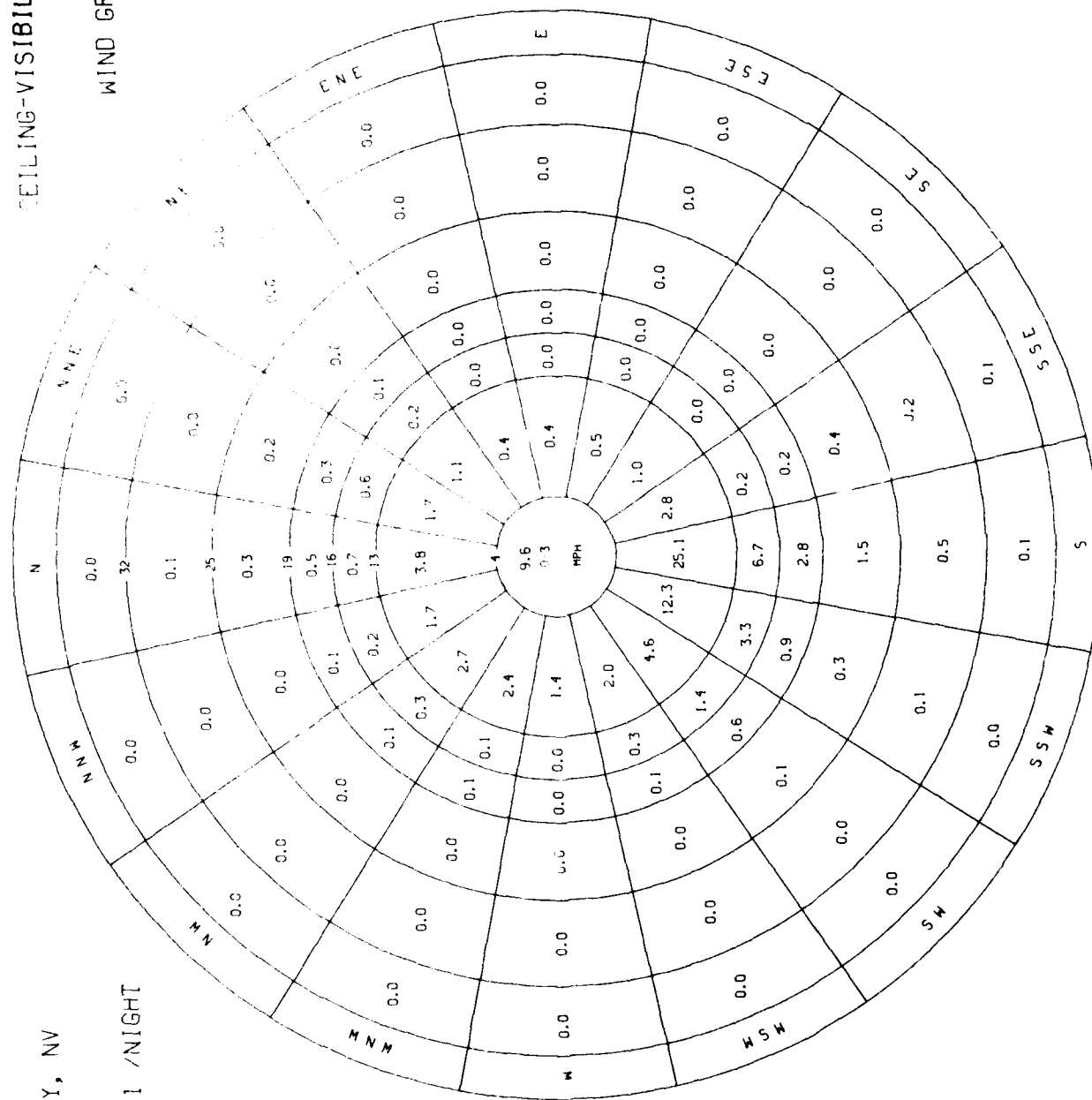
STATION NUMBER: 23154

NO. OBS.: 32812

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	6.4	6.5	1.5	1.6	1.0	1.0	.6	.6	.1	.1	.0	.0	10.0	10.2	10.7
NNE	.2	.2	3.8	3.8	1.0	1.0	.7	.7	.3	.3	.0	.0	.0	.0	6.0	6.1	10.8
NE	.2	.2	2.4	2.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	3.1	3.2	8.5
ENE	.2	.2	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3	7.2
E	.2	.2	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	6.2
ESE	.1	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	7.0
SE	.3	.3	1.2	1.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.7	1.7	7.5
SSE	.2	.2	2.1	2.2	.4	.4	.4	.4	.6	.6	.3	.4	.0	.0	4.1	4.1	12.8
S	.5	.5	14.1	14.4	3.8	3.9	2.6	2.6	2.3	2.4	.9	.9	.2	.2	24.4	24.9	12.2
SSW	.2	.2	7.4	7.5	2.3	2.3	1.4	1.4	1.0	1.0	.2	.2	.0	.0	12.5	12.7	11.9
SW	.2	.2	3.8	3.9	1.5	1.5	1.0	1.0	.7	.7	.1	.1	.0	.0	7.3	7.5	12.1
WSW	.1	.1	2.1	2.1	.7	.7	.5	.5	.3	.3	.0	.0	.0	.0	3.7	3.8	11.6
W	.1	.1	2.1	2.1	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	3.0	3.1	10.2
WNW	.1	.1	2.0	2.0	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	3.1	3.1	10.5
NW	.1	.1	2.5	2.6	.6	.6	.5	.5	.3	.3	.0	.0	.0	.0	4.0	4.1	10.9
NNW	.1	.1	2.2	2.2	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	3.3	3.4	10.3
CALM	8.4	8.6													8.4	8.6	
TOTAL	11.8	12.0	54.5	55.6	13.6	13.9	9.2	9.4	6.6	6.7	2.0	2.0	.3	.3	98.0	100	10.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: ELY ELY, NV

CLASS 1 / NIGHT

NO. OBS.: 24275

STATION NUMBER: 23154

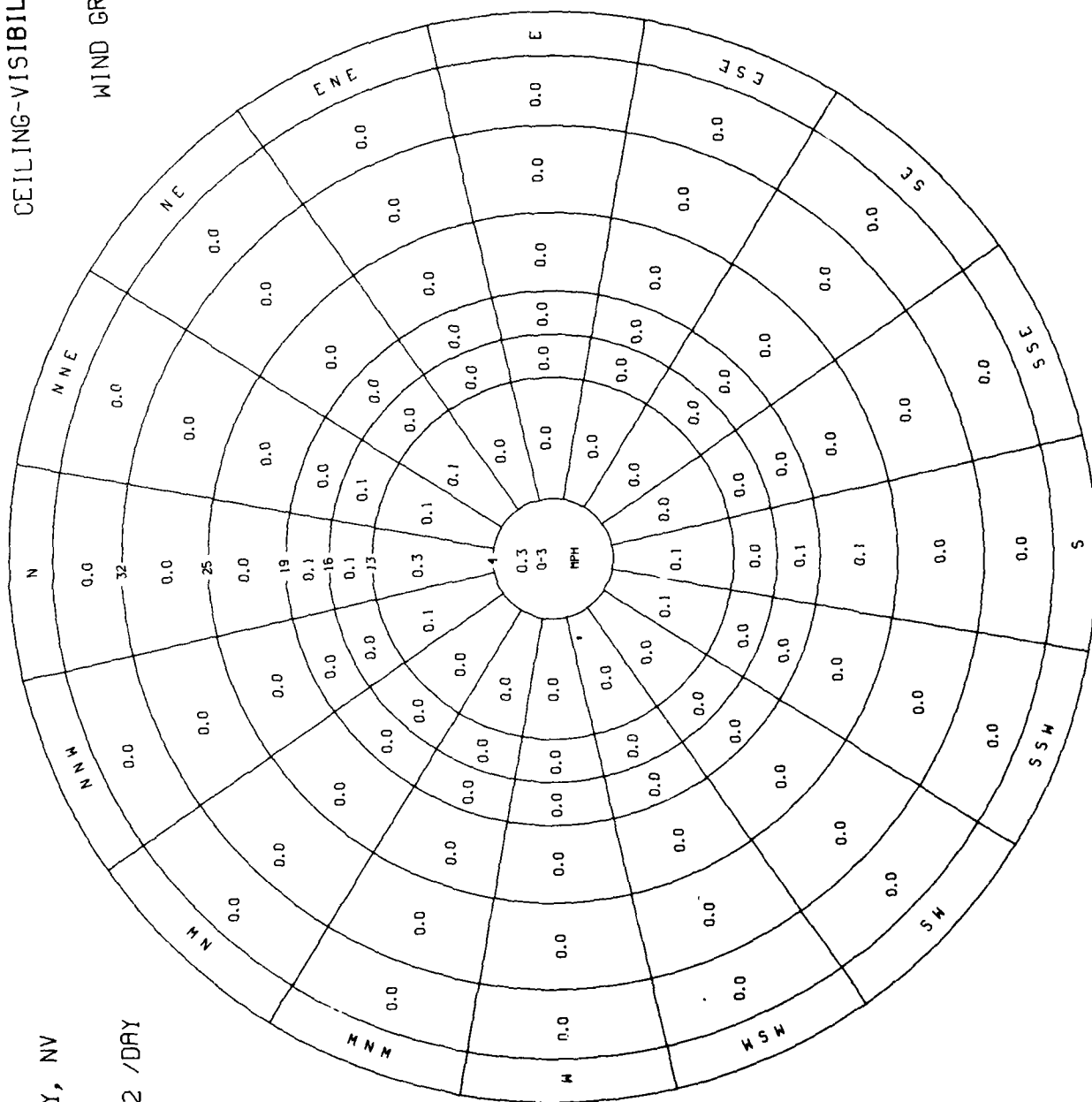
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	.2	3.8	3.9	.7	.7	.5	.5	.3	.3	.1	.1	.0	.0	5.5 5.6 10.3
NNE	.1	.1	1.7	1.7	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	2.9 2.9 11.2
NE	.1	.1	1.1	1.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.5 1.5 8.7
ENE	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 .5 7.1
E	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 .6 5.4
ESE	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 .6 6.0
SE	.2	.2	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.4 7.1
SSE	.1	.2	2.8	2.9	.2	.2	.2	.2	.4	.4	.2	.2	.1	.1	4.0 4.2 10.9
S	.5	.5	25.1	25.7	6.7	6.8	2.8	2.8	1.5	1.5	.5	.5	.1	.1	37.0 38.0 11.1
SSW	.3	.3	12.3	12.7	3.3	3.4	.9	.9	.3	.3	.1	.1	.0	.0	17.2 17.6 10.4
SW	.2	.2	4.6	4.7	1.4	1.5	.6	.6	.1	.1	.0	.0	.0	.0	7.0 7.2 10.6
WSW	.2	.2	2.0	2.1	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.7 2.8 9.0
W	.2	.2	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7 1.7 7.2
WNW	.2	.2	2.4	2.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.8 2.8 7.6
NW	.2	.2	2.7	2.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.4 3.5 8.2
NNW	.1	.2	1.7	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.2 2.2 8.4
CALM	6.7	6.9			4.1	4.5	5.8	6.0	2.9	3.0	.9	.9	.1	.1	6.7 6.9 9.6
TOTAL	9.6	9.8	64.0	65.7	14.1	14.5	14.5	14.5	2.9	3.0	.9	.9	.1	.1	97.5 100

CEILING-VISIBILITY

WIND GRAPH

ELY ELY, NV

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELY ELY, NV

PERIOD: 1954-1978

CLASS 2 / DAY

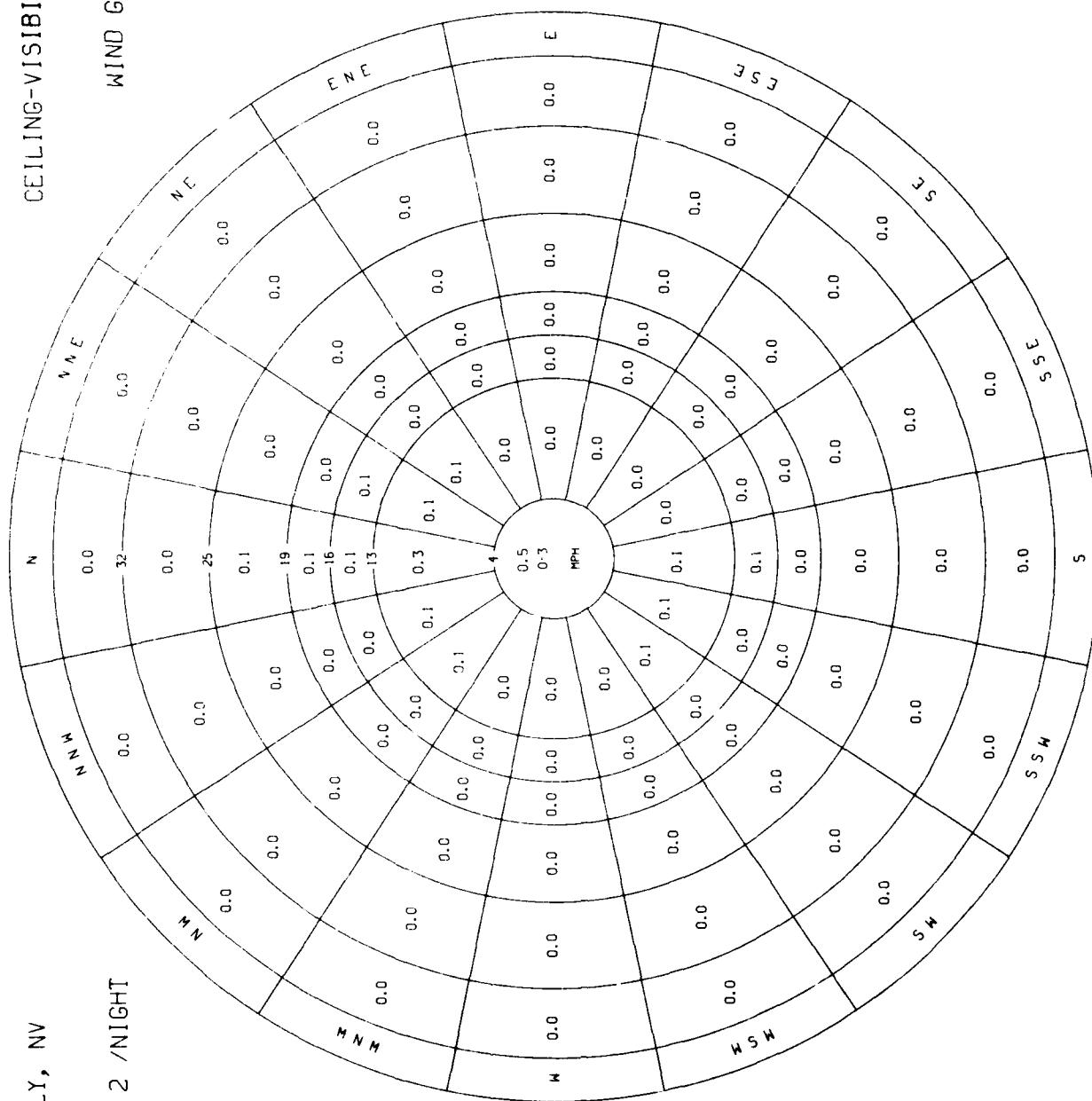
STATION NUMBER: 23154

NO. OBS.: 684

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	
N	.0	.4	.3	13.0	.1	3.2	.1	2.9	.0	1.2	.0	1.0	.0	.3	.5 22.1
NNE	.0	.3	.1	7.0	.1	2.9	.0	1.8	.0	.7	.0	.0	.0	.0	.3 12.7
NNE	.0	.1	.1	3.9	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.1 4.7
ENE	.0	.6	.0	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
E	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .1
ESE	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	.0	.0	1.9	.0	.6	.0	.0	.0	1.2	.0	1.3	.0	.1	.1 5.1
S	.0	.6	.1	5.3	.0	2.0	.1	2.5	.1	2.8	.0	1.2	.0	.1	.3 14.5
SSW	.0	.1	.1	4.1	.0	1.0	.0	.7	.0	.1	.0	.1	.0	.0	.1 6.3
SW	.0	.0	.0	2.3	.0	.6	.0	.0	.0	.1	.0	.1	.0	.1	.1 3.4
WSW	.0	.1	.0	1.2	.0	.3	.0	.3	.0	.0	.0	.1	.0	.0	.0 2.0
W	.0	.0	.0	1.5	.0	.1	.0	.1	.0	.3	.0	.0	.0	.0	.0 2.0
WNW	.0	.1	.0	1.9	.0	.4	.0	.6	.0	.3	.0	.0	.0	.0	.1 3.4
NW	.0	.1	.0	2.0	.0	.6	.0	.9	.0	.3	.0	.0	.0	.0	.1 3.9
NNW	.0	.4	.1	3.4	.0	.4	.0	.6	.0	.6	.0	.0	.0	.0	.1 5.4
CALM	.2	11.1													.2 11.1
TOTAL	.3	14.5	1.0	49.9	.3	12.7	.2	10.5	.2	7.7	.1	3.9	.0	.7	2.0 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: ELY, NV

CLASS 2 / NIGHT

NO. OBS.: 622

STATION NUMBER: 23154

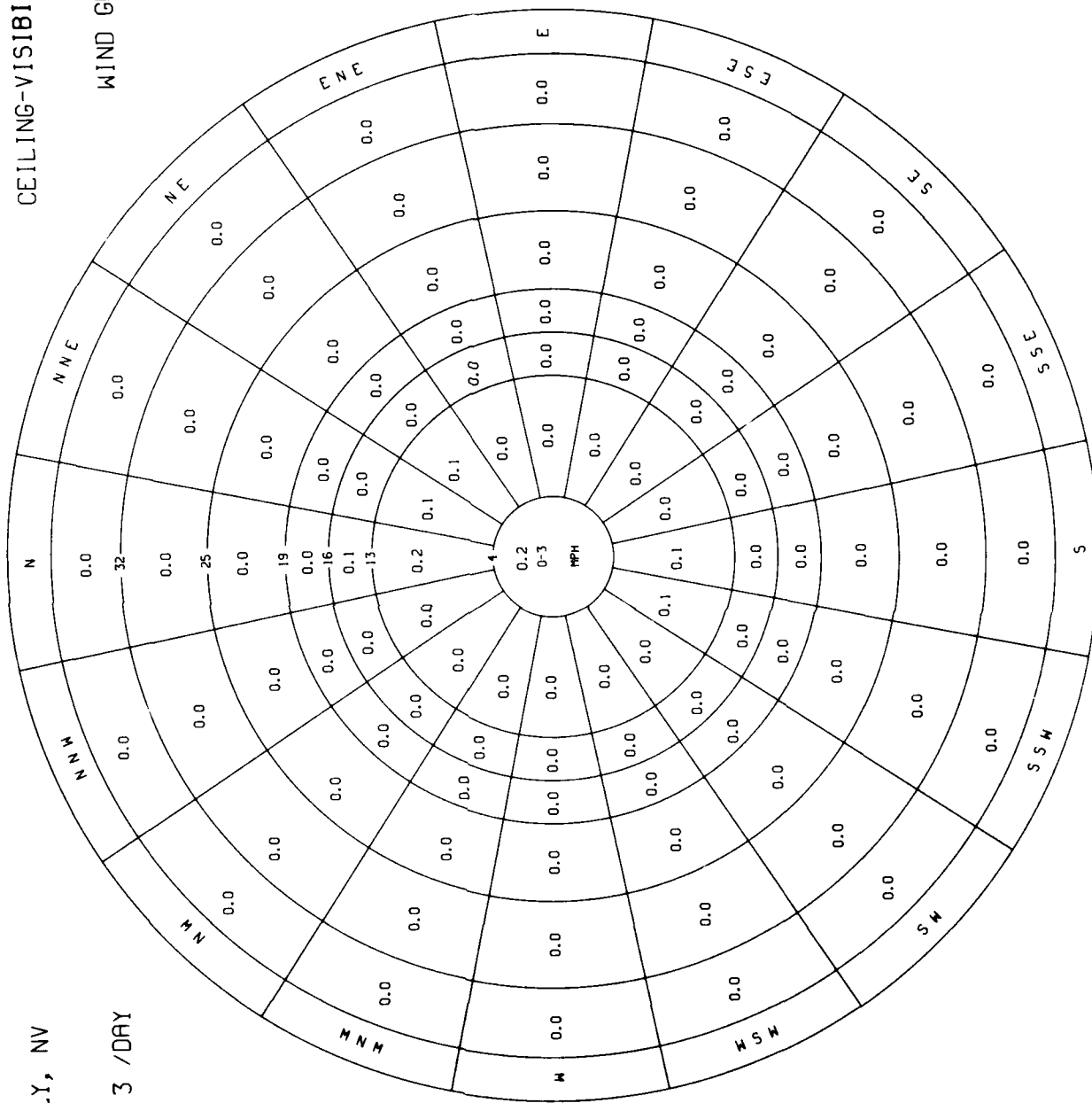
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.5	.3	12.1	.1	2.6	.1	3.2	.1	2.1	.0	1.1	.0	.3	.5	21.9	12.7
NNE	.0	.2	.1	5.3	.1	3.1	.0	1.6	.0	1.8	.0	.2	.0	.0	.3	12.1	13.3
NE	.0	.2	.1	2.3	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	3.9	10.5
ENE	.0	.0	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.6
E	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.6
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.0
SE	.0	.0	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.5	16.0
SSE	.0	.0	.0	1.9	.0	.2	.0	.5	.0	.8	.0	1.1	.0	.2	.1	4.7	16.8
S	.0	.2	.1	5.8	.1	2.7	.0	1.9	.0	1.9	.0	.3	.0	.2	.3	13.0	13.3
SSW	.0	.2	.1	3.5	.0	.8	.0	.3	.0	.0	.0	.0	.0	.2	.1	5.0	10.6
SW	.0	.2	.1	3.4	.0	.5	.0	.5	.0	.0	.0	.2	.0	.0	.1	4.7	10.1
WSW	.0	.3	.0	1.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	2.1	8.3
W	.0	.2	.0	1.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	7.7
WNW	.0	.2	.0	1.9	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.1	3.2	10.1
NW	.0	1.0	.1	3.1	.0	1.0	.0	.2	.0	.3	.0	.2	.0	.0	.1	5.6	9.7
NNW	.0	.5	.1	3.2	.0	.3	.0	.6	.0	.3	.0	.0	.0	.0	.1	5.0	9.3
CALM	.4	15.4													.4	15.4	
TOTAL	.5	19.0	1.2	46.5	.3	13.0	.3	10.1	.2	7.6	.1	3.1	.0	.8	2.5	100	10.1

CEILING-VISIBILITY

WIND GRAPH

ELY ELY, NV

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: ELY ELY, NV

CLASS 3 / DAY

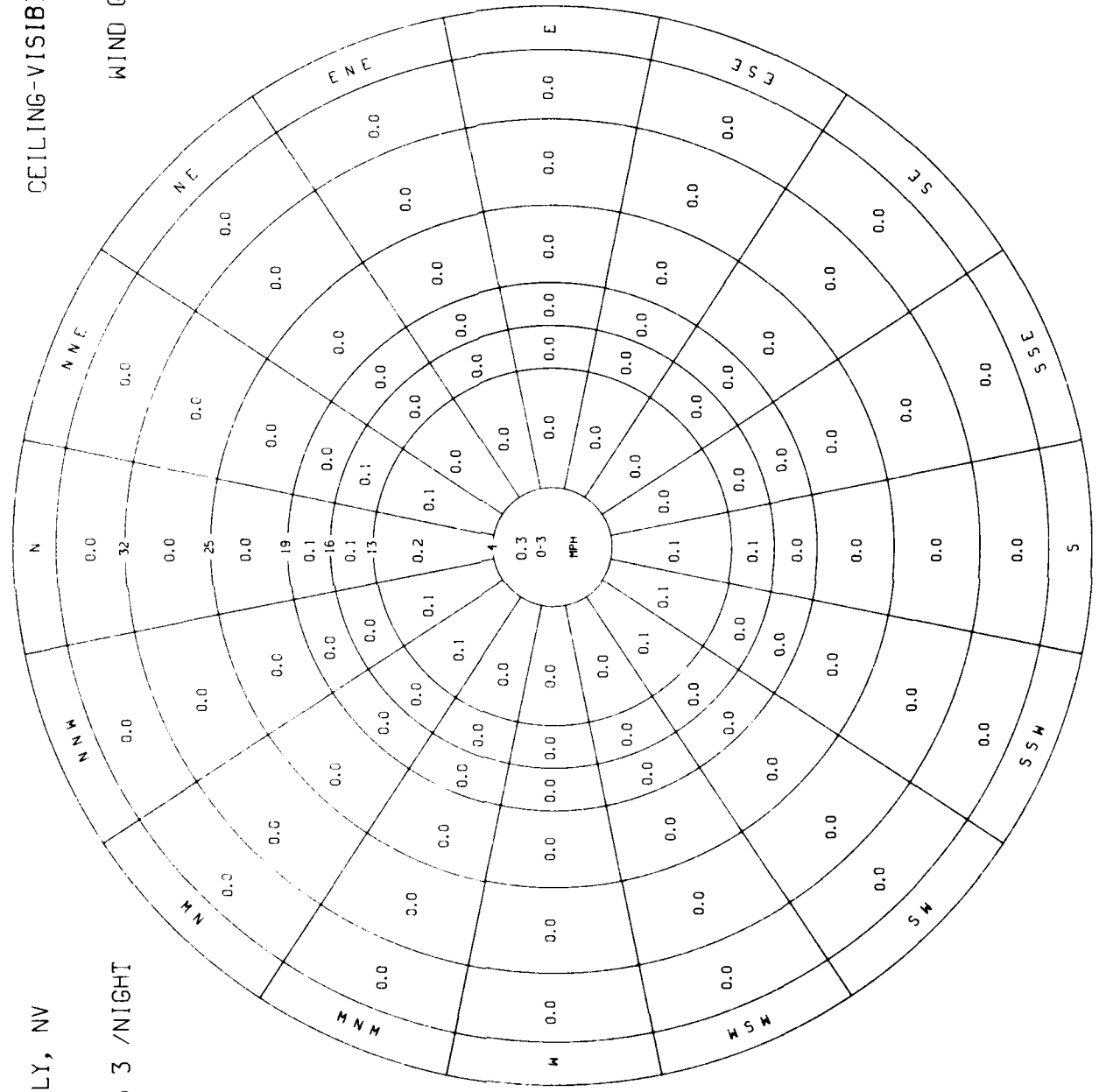
NO. OBS.: 477

STATION NUMBER: 23154

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	
N	.0	.4	.2	13.4	.1	3.8	.0	2.1	.0	1.0	.0	.6	.0	.2	.3 21.6
NNE	.0	.4	.1	6.7	.0	2.9	.0	1.9	.0	.8	.0	.0	.0	.0	.2 12.8
NE	.0	.2	.1	4.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.1 5.0
ENE	.0	.4	.0	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ESE	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	.0	.0	2.3	.0	.8	.0	.0	.0	.8	.0	1.5	.0	.2	.1 5.7
S	.0	.6	.1	4.8	.0	2.3	.0	2.7	.0	2.5	.0	1.0	.0	.0	.2 14.0
SSW	.0	.2	.1	4.8	.0	1.3	.0	1.0	.0	.0	.0	.2	.0	.0	.1 7.5
SW	.0	.0	.0	2.3	.0	.4	.0	.0	.0	.0	.0	.2	.0	.2	.0 3.1
WSW	.0	.2	.0	.8	.0	.2	.0	.4	.0	.0	.0	.2	.0	.0	.0 1.9
W	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
WNW	.0	.2	.0	1.9	.0	.0	.0	.4	.0	.2	.0	.0	.0	.0	.0 2.7
NW	.0	.2	.0	2.5	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.1 4.0
NNW	.0	.6	.0	3.1	.0	.2	.0	.4	.0	.2	.0	.0	.0	.0	.1 4.6
CALM	.2	11.7													.2 11.7
TOTAL	.2	15.5	.7	51.2	.2	13.2	.1	9.6	.1	6.1	.1	3.8	.0	.6	1.4 100

CEILING-VISIBILITY

WIND GRAPH



ELY ELY, NV

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: ELY ELY, NV

CLASS 3 / NIGHT

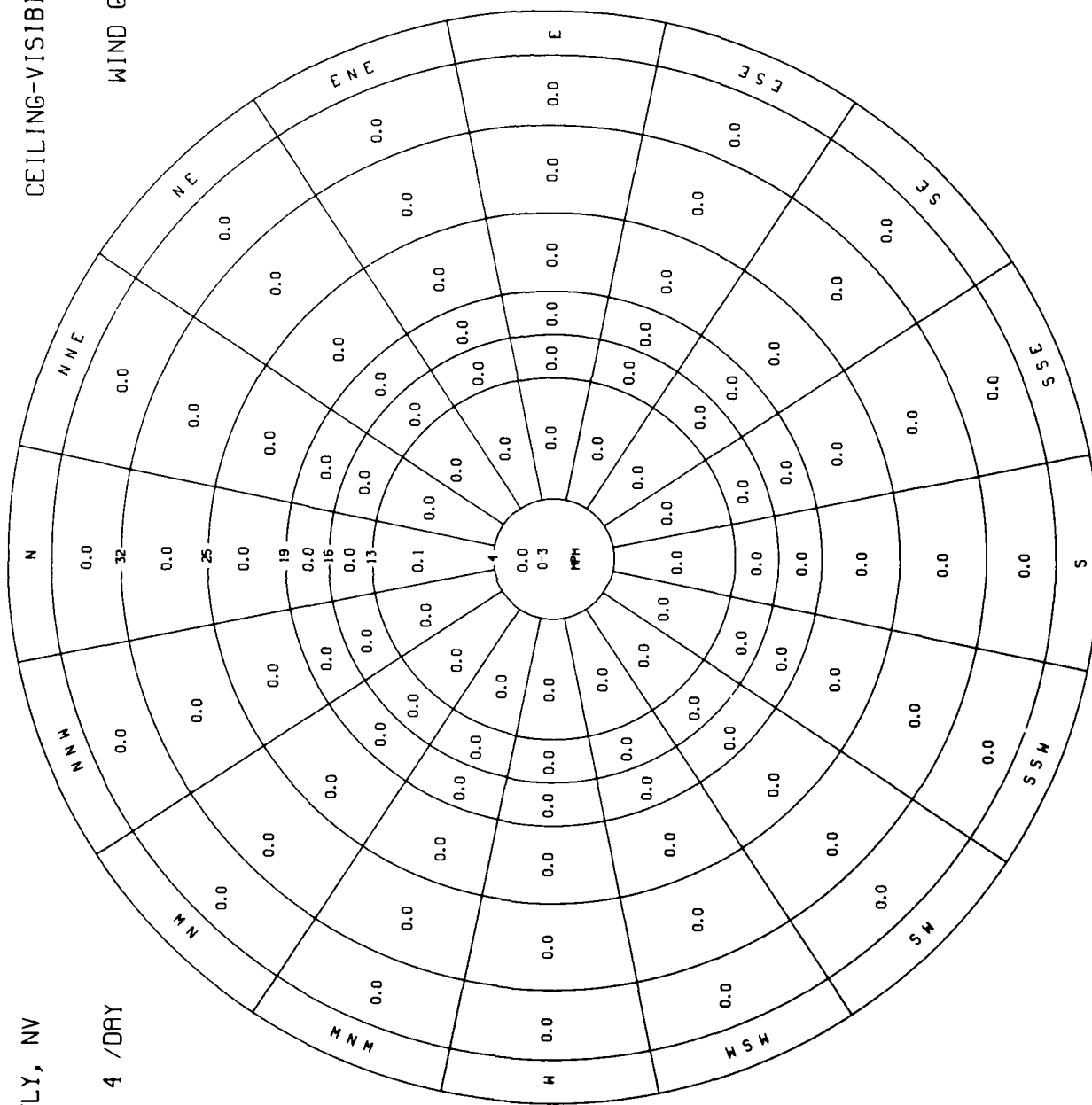
NO. OBS.: 455

STATION NUMBER: 23154

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	11.9	.1	2.9	.1	3.5	.0	2.2	.0	.9	.0	.4	.4	22.2	12.9
NNE	.0	.2	.1	4.8	.1	2.9	.0	1.5	.0	1.3	.0	.2	.0	.0	.2	11.0	13.3
NE	.0	.2	.0	1.3	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.6	10.3
ENE	.0	.0	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.2
E	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.3
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.0
SE	.0	.0	.0	.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.7	16.0
SSE	.0	.0	.0	2.0	.0	.2	.0	.4	.0	1.1	.0	1.3	.0	.2	.1	5.3	17.7
S	.0	.0	.1	5.7	.1	3.1	.0	2.4	.0	2.0	.0	.4	.0	.2	.3	13.8	14.0
SSW	.0	.2	.1	3.7	.0	.9	.0	.2	.0	.0	.0	.0	.0	.2	.1	5.3	10.8
SW	.0	.2	.1	3.3	.0	.7	.0	.4	.0	.0	.0	.2	.0	.0	.1	4.8	10.4
WSW	.0	.2	.0	1.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.4	9.0
W	.0	.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.2
WNW	.0	.2	.0	2.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.1	3.1	9.4
NW	.0	1.1	.1	3.1	.0	.4	.0	.2	.0	.2	.0	.2	.0	.0	.1	5.3	9.2
NNW	.0	.4	.1	3.5	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.1	5.3	9.1
CALM	.3	15.2													.3	15.2	
TOTAL	.3	18.7	.8	45.9	.2	13.0	.2	10.3	.1	7.7	.1	3.3	.0	1.1	1.8	100	10.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ELY ELY, NV

PERIOD:1954-1978

CLASS 4 / DAY

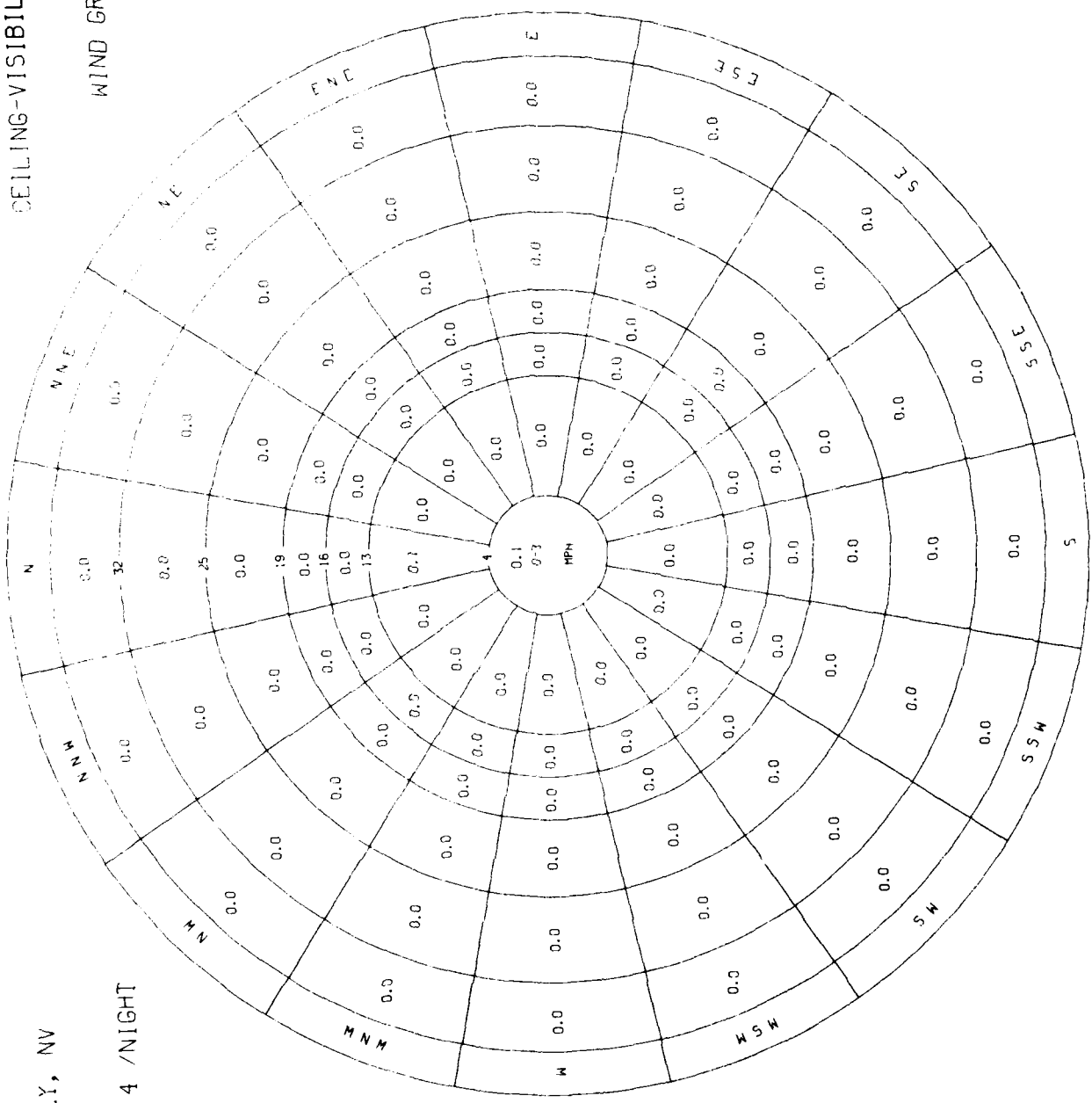
STATION NUMBER:23154

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
N	.0	.0	.1	12.5	.0	1.5	.0	3.7	.0	2.2	.0	2.2	.0	.7	.1	22.8	14.0
NNE	.0	.0	.0	6.6	.0	3.7	.0	1.5	.0	.7	.0	.0	.0	.0	.1	12.5	12.1
NNE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	9.4
ENE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0
E	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.0
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	.7	.0	.0	.0	.0	.0	2.2	.0	.7	.0	.0	.0	3.7	19.4
S	.0	.0	.0	6.6	.0	2.2	.0	2.9	.0	2.9	.0	1.5	.0	.7	.1	16.9	15.8
SSW	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	9.6
SW	.0	.0	.0	2.2	.0	1.5	.0	.0	.0	.7	.0	.0	.0	.0	.0	4.4	12.0
WSW	.0	.0	.0	2.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.8
W	.0	.0	.0	.7	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	2.2	12.7
WNW	.0	.0	.0	.7	.0	1.5	.0	1.5	.0	.7	.0	.0	.0	.0	.0	4.4	15.7
NW	.0	.0	.0	.7	.0	.0	.0	2.2	.0	.7	.0	.0	.0	.0	.0	3.7	15.4
NNW	.0	.0	.0	3.7	.0	1.5	.0	.0	.0	1.5	.0	.0	.0	.0	.0	6.6	12.5
CALM	.0	9.6													.0	9.6	
TOTAL	.0	11.0	.2	45.6	.1	13.2	.1	12.5	.0	11.8	.0	4.4	.0	1.5	.4	100	12.1

CEILING-VISIBILITY

WIND GRAPH



ELY ELY, NV

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: ELY, EV., NV

CLASS 4 / NIGHT

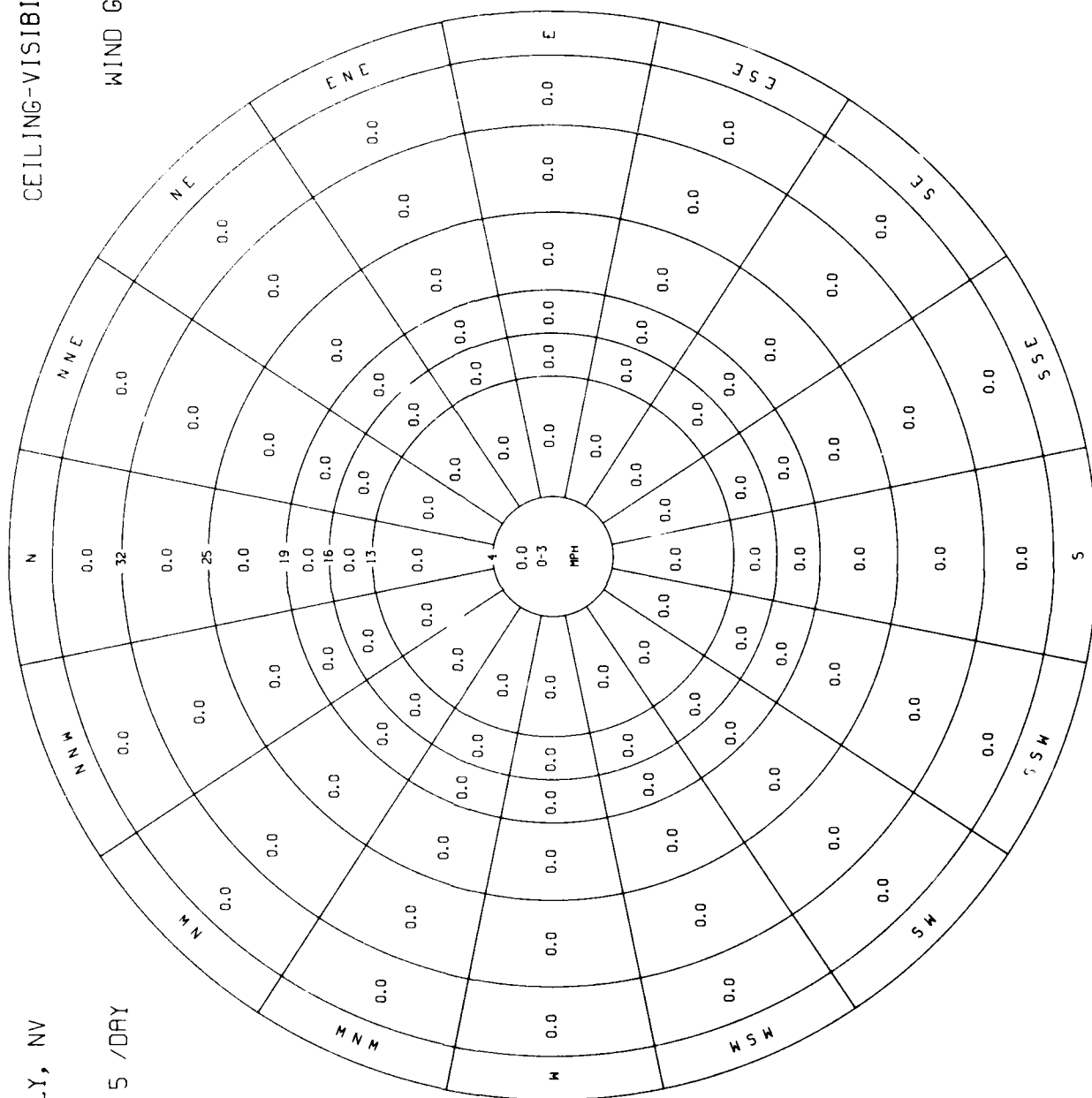
NO. OBS.: 110

STATION NUMBER: 22154

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	14.5	.0	.9	.0	1.8	.0	2.7	.0	.9	.0	.0	.1	21.8	11.7
NNE	.0	.0	.0	8.2	.0	2.7	.0	1.8	.0	2.7	.0	.0	.0	.0	.1	15.5	12.5
NNE	.0	.0	.0	5.5	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	9.1	11.6
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	9.0
E	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.5
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	1.8	.0	.0	.0	.9	.0	.0	.0	.9	.0	.0	.0	3.6	14.7
S	.0	.9	.0	2.7	.0	1.8	.0	.9	.0	2.7	.0	.0	.0	.0	.0	9.1	13.5
SSW	.0	.0	.0	3.6	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	5.5	10.3
SW	.0	.0	.0	2.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	3.6	10.7
WSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.5
W	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	15.0
WNW	.0	.0	.0	.9	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	3.6	13.7
NW	.0	.9	.0	2.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	8.8
NNW	.0	.9	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.5
CALM	.1	13.6													.1	13.6	
TOTAL	.1	19.1	.2	48.2	.1	12.7	.0	10.0	.0	8.2	.0	1.8	.0	.0	.4	100	9.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELY ELY, NV

PERIOD: 1954-1978

CLASS 5 / DAY

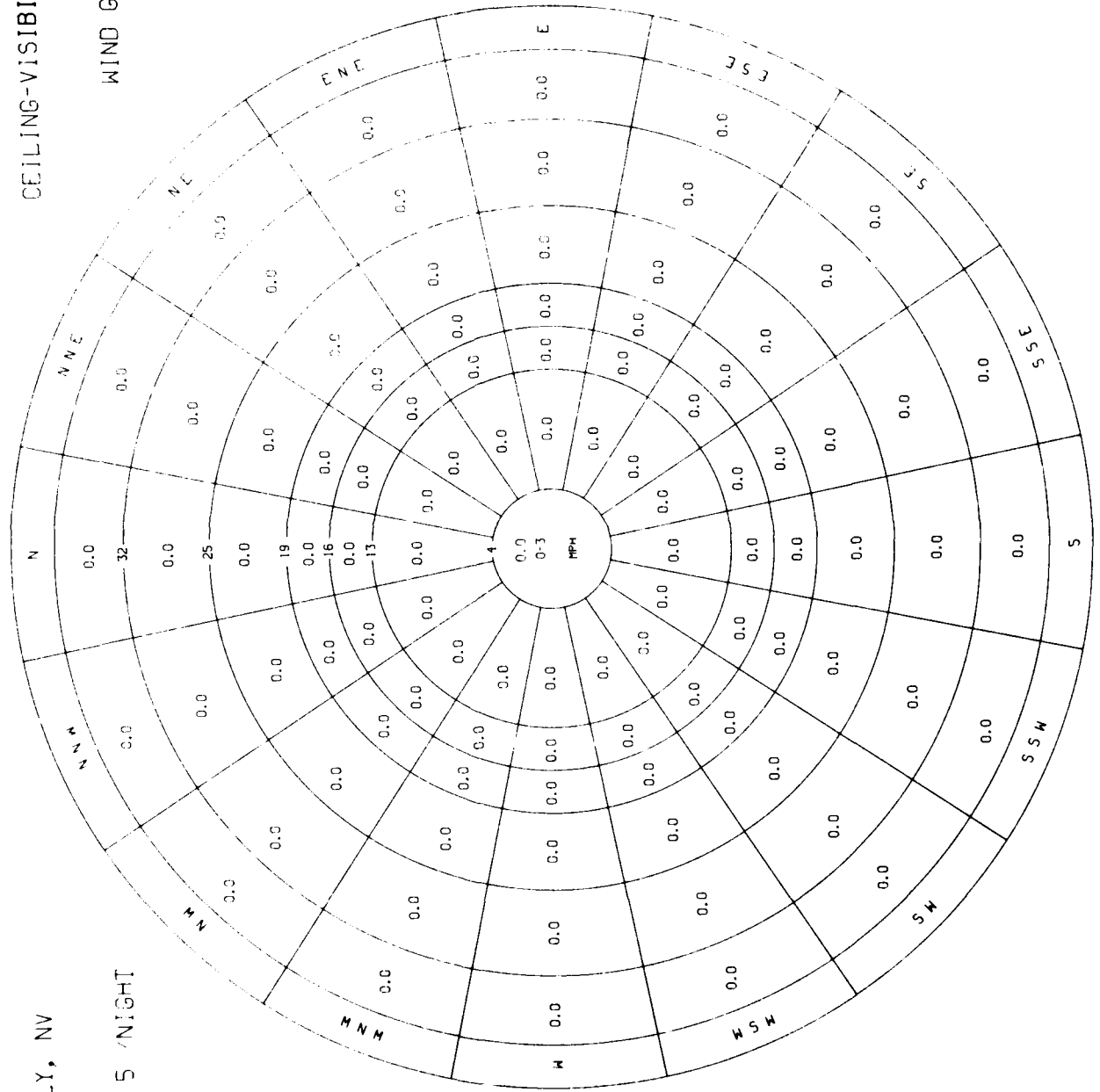
STATION NUMBER: 23154

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
N	.0	2.2	.0	11.1	.0	2.2	.0	6.7	.0	.0	.0	2.2	.0	.0	.0	24.4	13.1
NNE	.0	.0	.0	13.3	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	15.6	8.3
NE	.0	.0	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.0
ENE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
E	.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
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	2.2	.0	.0	.0	.0	.0	2.2	24.0
S	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	4.4	.0	2.2	.0	.0	.0	11.1	16.0
SSW	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	13.0
SW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	4.4	.0	.0	.0	.0	.0	2.2	.0	.0	.0	.0	.0	6.7	13.3
WNW	.0	.0	.0	6.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	9.7
NW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
NNW	.0	.0	.0	4.4	.0	.0	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	8.9	14.2
CALM	.0	8.9													.0	8.9	
TOTAL	.0	13.3	.1	53.3	.0	6.7	.0	11.1	.0	11.1	.0	4.4	.0	.0	.1	100	10.8

CEILING-VISIBILITY

WIND GRAPH



ELY ELY, NV

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELY, NV

PERIOD: 1954-1978

CLASS 5 / NIGHT

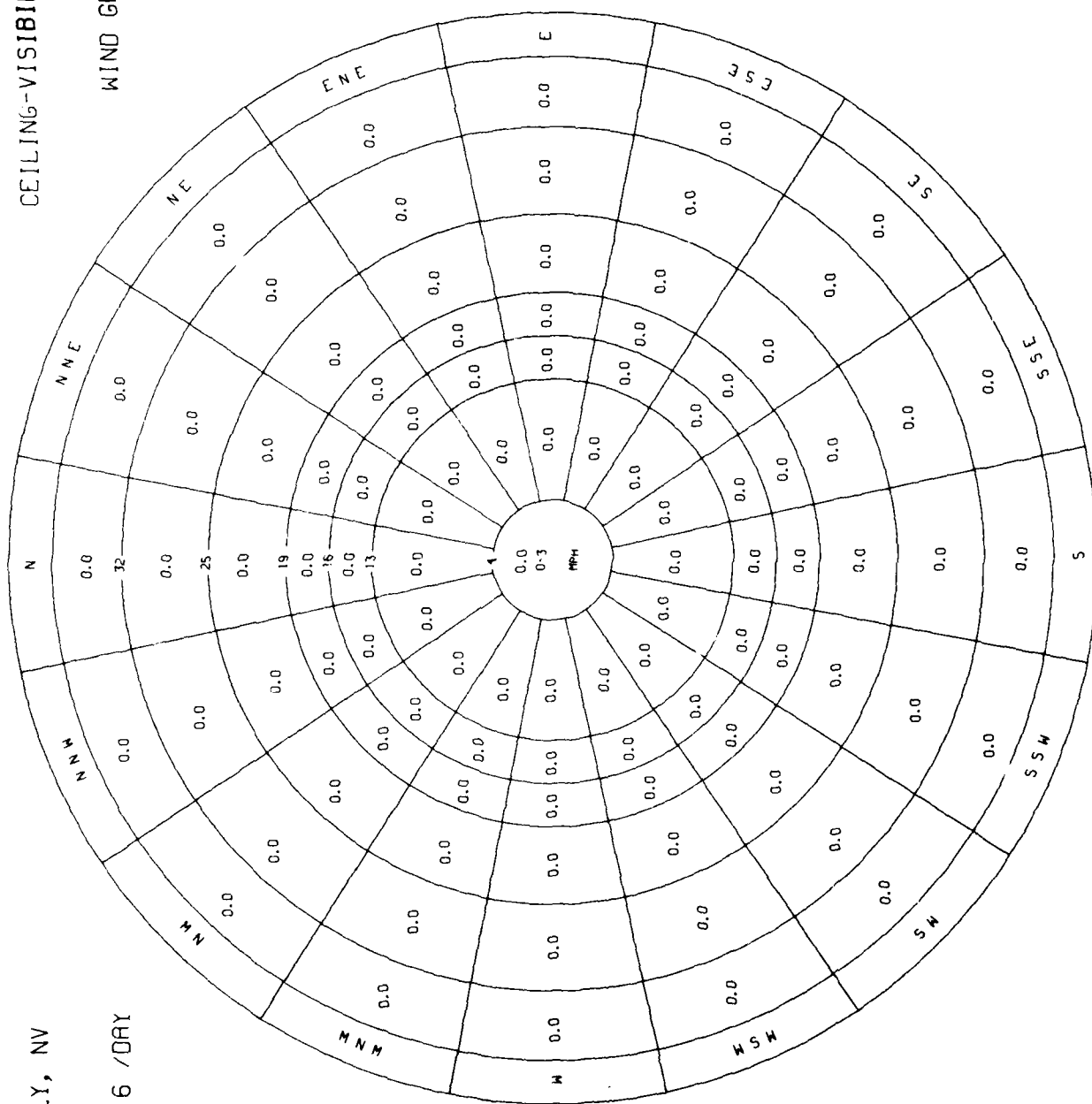
STATION NUMBER: 23154

NO. OBS.: 37

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	10.8	.0	5.4	.0	2.7	.0	.0	.0	5.4	.0	.0	.0	24.3	14.2
NNE	.0	.0	.0	2.7	.0	5.4	.0	2.7	.0	5.4	.0	.0	.0	.0	.0	16.2	15.8
NE	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.0
ENE	.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
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	10.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	8.5
SSW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	9.0
SW	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	10.0
WNW	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.5
NW	.0	.0	.0	5.4	.0	2.7	.0	.0	.0	2.7	.0	.0	.0	.0	.0	10.8	13.0
NNW	.0	.0	.0	2.7	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	5.4	11.0
CALC	.0	.0	.0	54.1	.0	13.5	.0	8.1	.0	8.1	.0	5.4	.0	.0	.0	10.8	
TOTAL	.0	.0	.0	54.1	.0	13.5	.0	8.1	.0	8.1	.0	5.4	.0	.0	.0	10.8	10.6

CEILING-VISIBILITY

WIND GRAPH



ELY ELY, NV

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: ELY ELY, NV

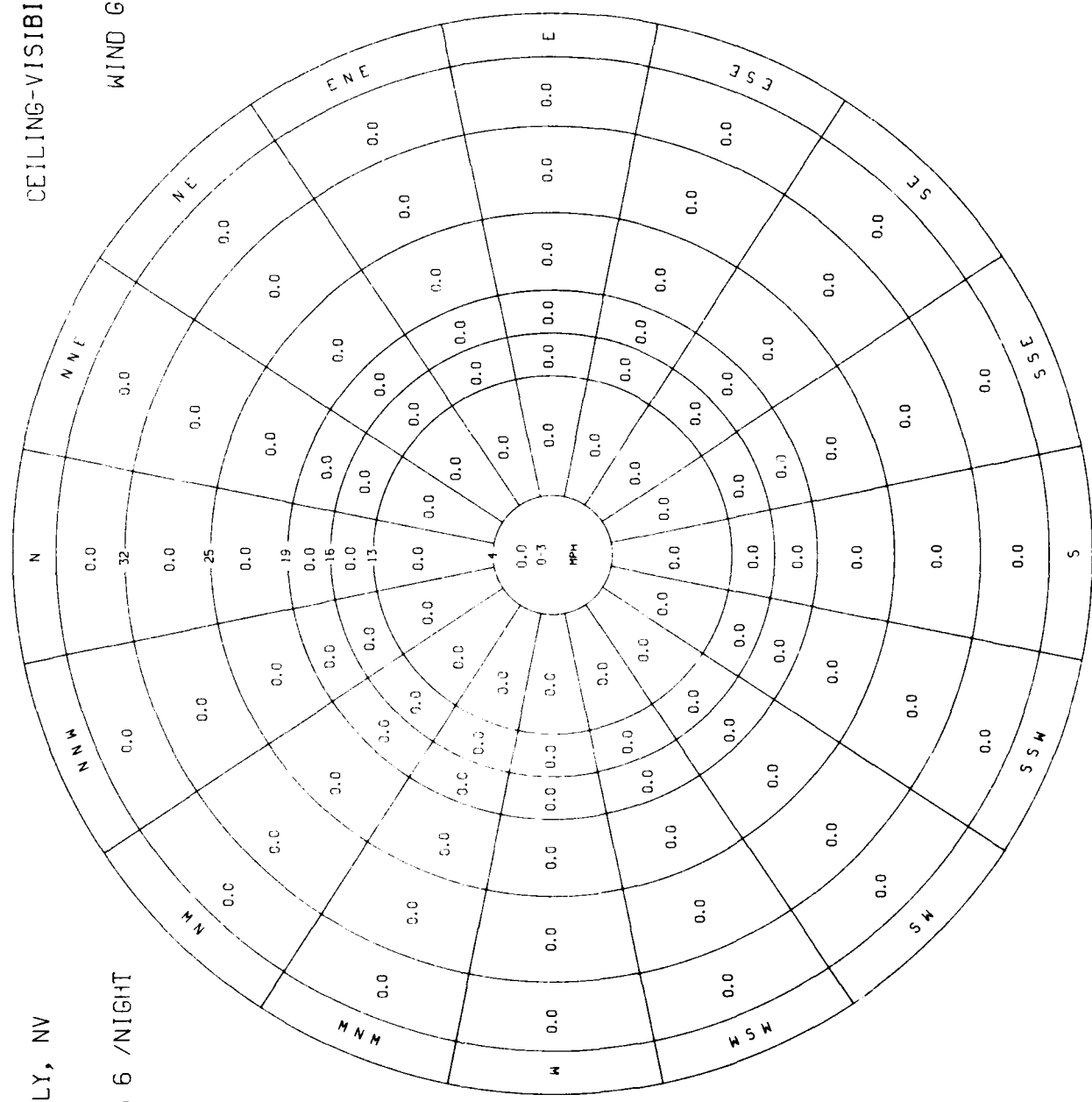
CLASS 6 / DAY

NO. OBS.: 26

STATION NUMBER: 23154

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	
N	.0	.0	.0	11.5	.0	3.8	.0	7.7	.0	.0	.0	.0	.0	.0	23.1	12.2	
NNE	.0	.0	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	12.0
NE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.0
ENE	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.0
E	.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
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	19.0
SSE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	15.4	13.5
S	.0	.0	.0	11.5	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	3.8	24.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
SW	.0	.0	.0	3.8	.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	3.8	23.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	15.5
NW	.0	.0	.0	.0	.0	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	.0	7.7	11.0
NNW	.0	.0	.0	3.8	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	11.5	
CALM	.0	11.5				.0	11.5	.0	15.4	.0	11.5	.0	3.8	.0	.0	.1	100
TOTAL	.0	15.4	.0	42.3	.0	11.5	.0	15.4	.0	11.5	.0	3.8	.0	.0	.1	100	11.7

CEILING-VISIBILITY
WIND GRAPH



ELY ELY, NV
CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ELY ELY, NV

PERIOD: 1954-1978

CLASS 6 / NIGHT

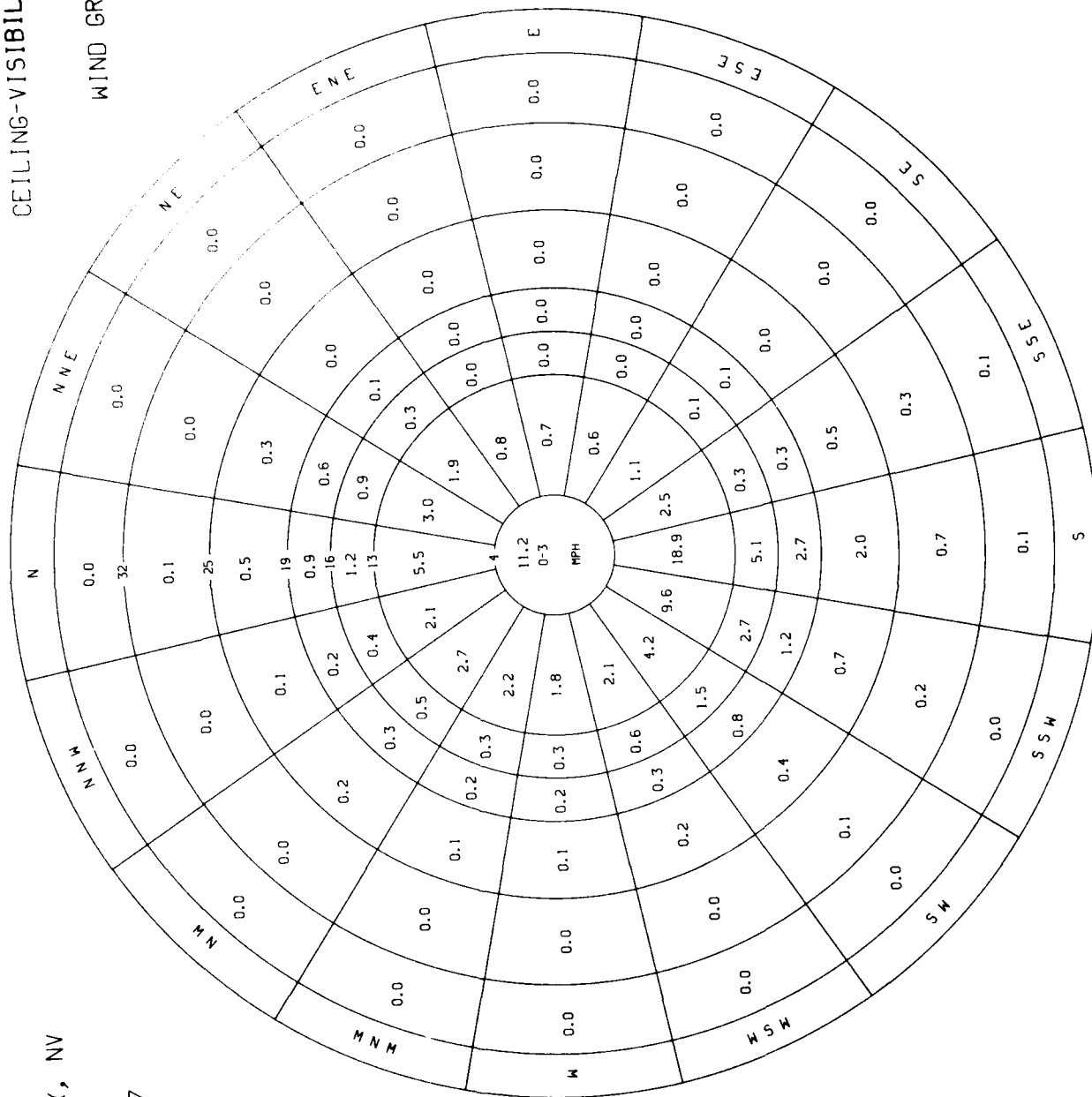
STATION NUMBER: 23154

NO. OBS.: 20

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	
N	.0	.0	.0	5.0	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0 10.0 11.5
NNE	.0	.0	.0	5.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.0 11.0
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	.0	.0	.0	.0 .0 .0
E	.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
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0 .0
SSE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0 5.0
S	.0	.0	.0 15.0	.0	.0 5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 20.0 7.7
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0 .0
SW	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0 6.0
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 5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0 14.0
NNW	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0 5.0 17.0
CALM	.0 40.0														.0 40.0
TOTAL	.0 40.0		.0 35.0		.0 15.0		.0 10.0		.0 .0		.0 .0		.0 .0		.1 100 5.9

CEILING-VISIBILITY

WIND GRAPH

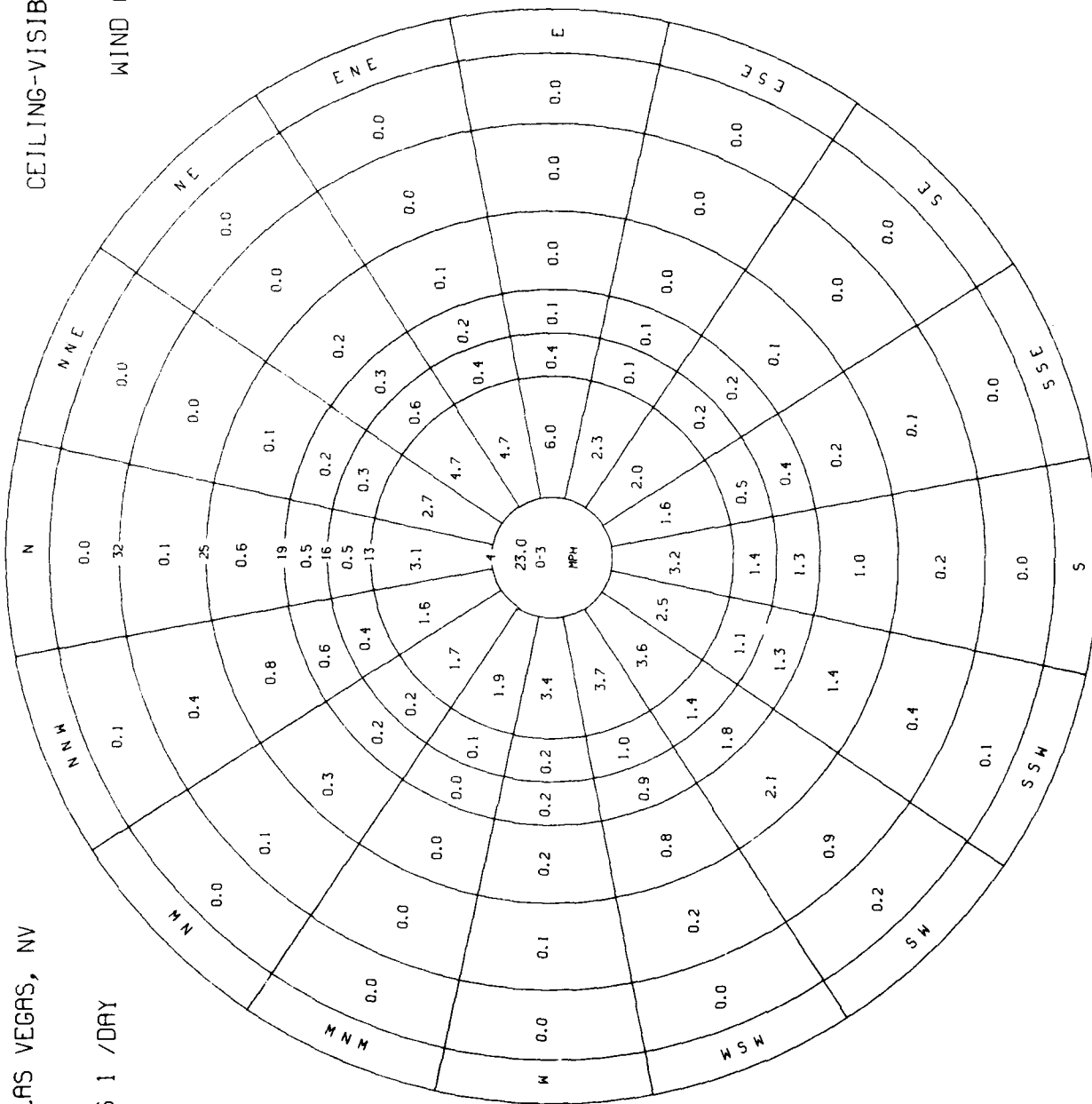


ELY ELY, NV

CLASS 7

CEILING-VISIBILITY
WIND GRAPH

LAS LAS VEGAS, NV
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LAS LAS VEGAS, NV

CLASS 1 / DAY

NO. OBS.: 47318

STATION NUMBER: 23169

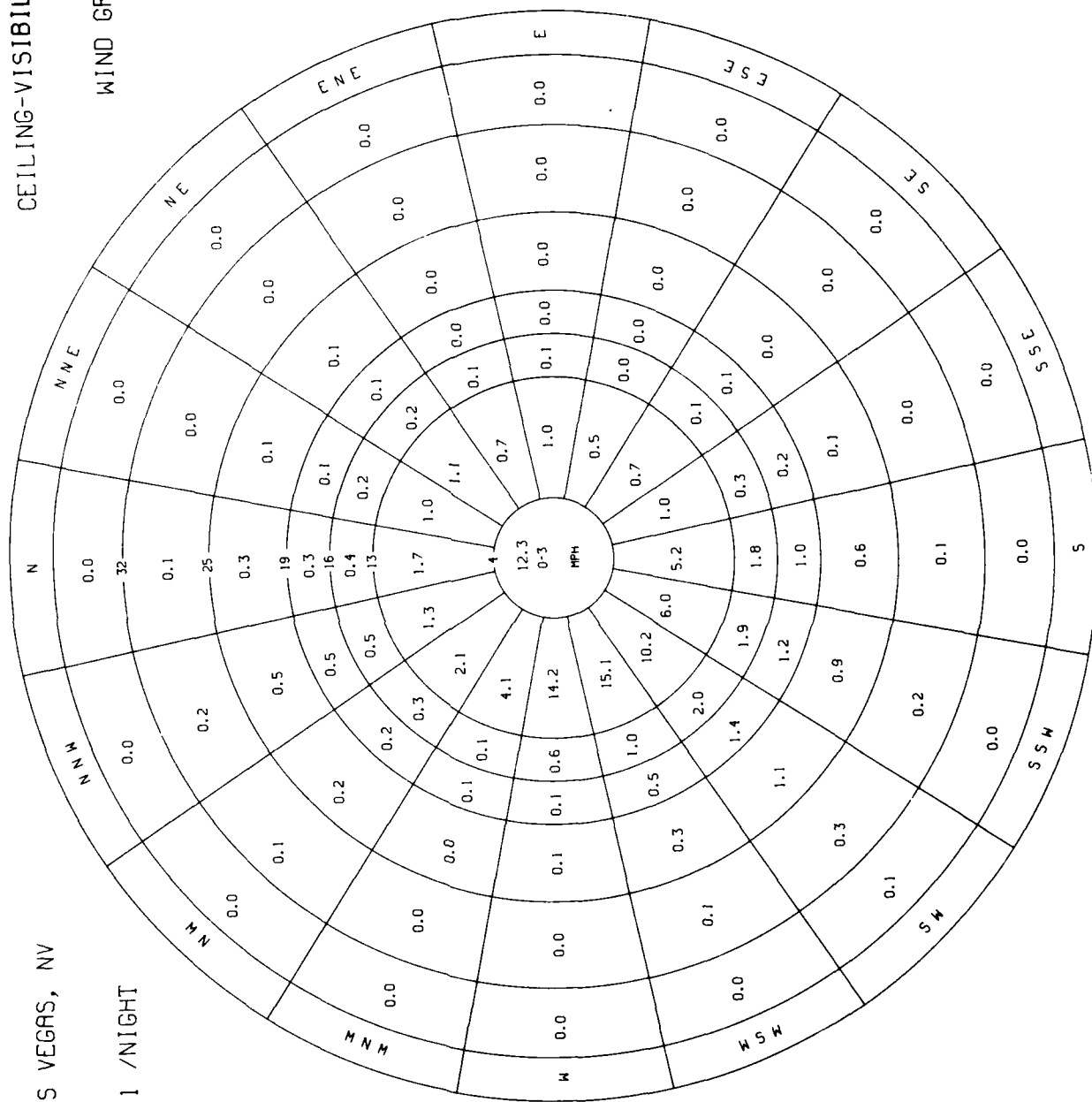
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.5	.5	3.1	3.1	.5	.5	.5	.5	.6	.6	.1	.1	.0	.0	5.3	5.4	10.7
NNE	.3	.3	2.7	2.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.7	3.7	8.6
NE	.6	.6	4.7	4.7	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	6.4	6.4	8.5
ENE	.5	.5	4.7	4.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.8	5.8	7.9
E	.7	.7	6.0	6.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	7.2	7.3	7.5
ESE	.3	.3	2.3	2.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.9	2.9	7.2
SE	.4	.4	2.0	2.0	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.9	2.9	8.4
SSE	.2	.2	1.6	1.6	.5	.5	.4	.4	.2	.2	.1	.1	.0	.0	2.9	3.0	11.3
S	.3	.3	3.2	3.3	1.4	1.4	1.3	1.4	1.0	1.0	.2	.2	.0	.0	7.5	7.6	12.8
SSW	.2	.2	2.5	2.5	1.1	1.1	1.3	1.4	1.4	1.4	.4	.4	.1	.1	7.0	7.0	14.9
SW	.3	.3	3.6	3.6	1.4	1.4	1.8	1.8	2.1	2.1	.9	.9	.2	.2	10.3	10.3	15.2
WSW	.3	.3	3.7	3.7	1.0	1.0	.9	.9	.8	.8	.2	.2	.0	.0	7.0	7.0	12.1
W	.4	.4	3.4	3.4	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	4.5	4.5	8.3
WNW	.3	.3	1.9	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4	7.1
NW	.3	.3	1.7	1.7	.2	.2	.2	.2	.3	.3	.1	.1	.0	.0	2.8	2.8	10.3
NNW	.3	.3	1.6	1.6	.4	.4	.6	.6	.8	.8	.4	.4	.1	.1	4.0	4.1	14.2
CALM	17.1	17.2													17.1	17.2	
TOTAL	23.0	23.0	48.5	48.7	8.8	8.9	8.4	8.4	7.9	8.0	2.6	2.6	.5	.5	99.7	100	9.1

CEILING-VISIBILITY

WIND GRAPH

LAS LAS VEGAS, NV

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LAS LAS VEGAS, NV

CLASS 1 / NIGHT

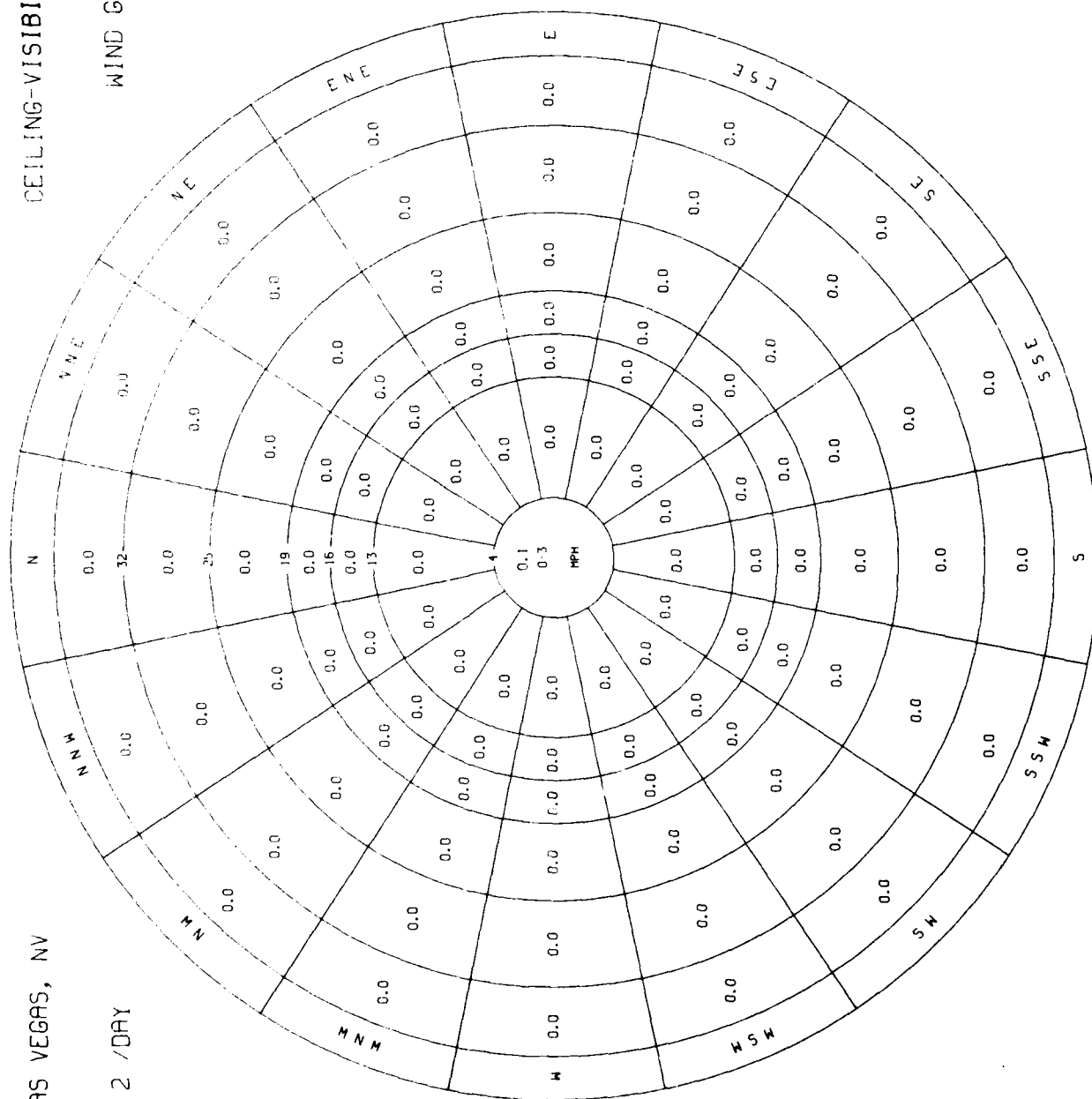
NO. OBS.: 49011

STATION NUMBER: 23169

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	
N	.1	.1	1.7	1.7	.4	.4	.3	.3	.3	.3	.1	.1	.0	.0	3.0 3.0
NNE	.1	.1	1.0	1.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.5 1.5
NNE	.1	.1	1.1	1.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.6 1.7
ENE	.1	.1	.7	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9 .9
E	.1	.1	1.0	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.2
ESE	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .7
SE	.1	.1	.7	.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.0 1.0
SSE	.1	.1	1.0	1.0	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	1.7 1.7
S	.2	.2	5.2	5.2	1.8	1.8	1.0	1.0	.6	.6	.1	.1	.0	.0	8.9 8.9
SSW	.2	.2	6.0	6.1	1.9	1.9	1.2	1.2	.9	.9	.2	.2	.0	.0	10.4 10.4
SW	.5	.5	10.2	10.3	2.0	2.0	1.4	1.4	1.1	1.1	.3	.3	.1	.1	15.7 15.8
WSW	.6	.6	15.1	15.1	1.0	1.0	.5	.5	.3	.3	.1	.1	.0	.0	17.7 17.7
W	.7	.7	14.2	14.3	.6	.6	.1	.1	.1	.1	.0	.0	.0	.0	15.7 15.8
WNW	.3	.3	4.1	4.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	4.6 4.6
NW	.2	.2	2.1	2.1	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	3.2 3.2
NNW	.1	.1	1.3	1.3	.5	.5	.5	.5	.5	.5	.2	.2	.0	.0	3.1 3.1
CALM	8.7	8.8													8.7 8.8
TOTAL	12.2	12.4	66.0	66.2	9.5	9.5	5.5	5.5	4.4	4.4	1.2	1.2	.3	.3	99.6 100

LAS LAS VEGAS, NV

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LAS LAS VEGAS, NV

CLASS 2 / DAY

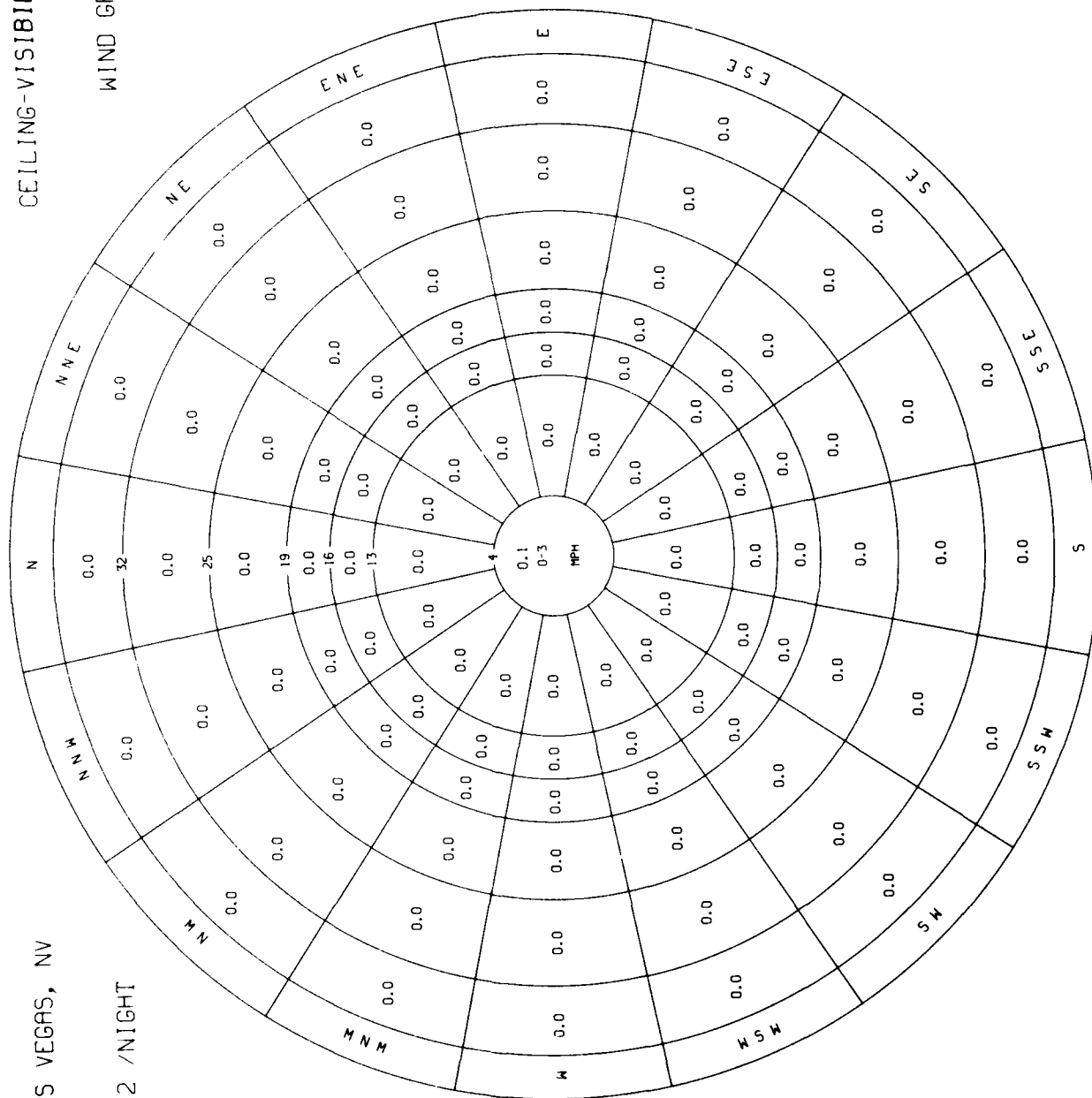
NO. OBS.: 166

STATION NUMBER: 23163

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
N	.0	1.2	.0	5.4	.0	1.2	.0	.6	.0	.6	.0	.6	.0	.6	.0	10.2	11.6
NNE	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
NE	.0	.6	.0	6.0	.0	.6	.0	.0	.0	.0	.0	1.2	.0	.0	.0	8.4	10.5
ENE	.0	.6	.0	4.8	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	6.6	10.3
E	.0	1.2	.0	7.8	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	9.6	7.6
ESE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.0
SE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	1.2	13.5
SSE	.0	.6	.0	.6	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	2.4	11.5
S	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	1.2	.0	.0	.0	1.2	.0	3.6	20.8
SW	.0	.6	.0	1.2	.0	.0	.0	.0	.0	1.2	.0	1.2	.0	4.8	.0	9.0	28.7
WSW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	5.4	23.4
W	.0	1.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.8
WNW	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
NW	.0	.6	.0	3.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	1.2	.0	5.4	14.6
NNW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.6	.0	.6	.0	3.0	.0	6.6	25.2
CALM	.1	19.9													.1	19.9	
TOTAL	.1	30.7	.1	41.6	.0	2.4	.0	1.8	.0	6.0	.0	3.6	.0	13.9	.3	100	11.7

CEILING-VISIBILITY

WIND GRAPH



LAS LAS VEGAS, NV

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAS LAS VEGAS, NV

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23169

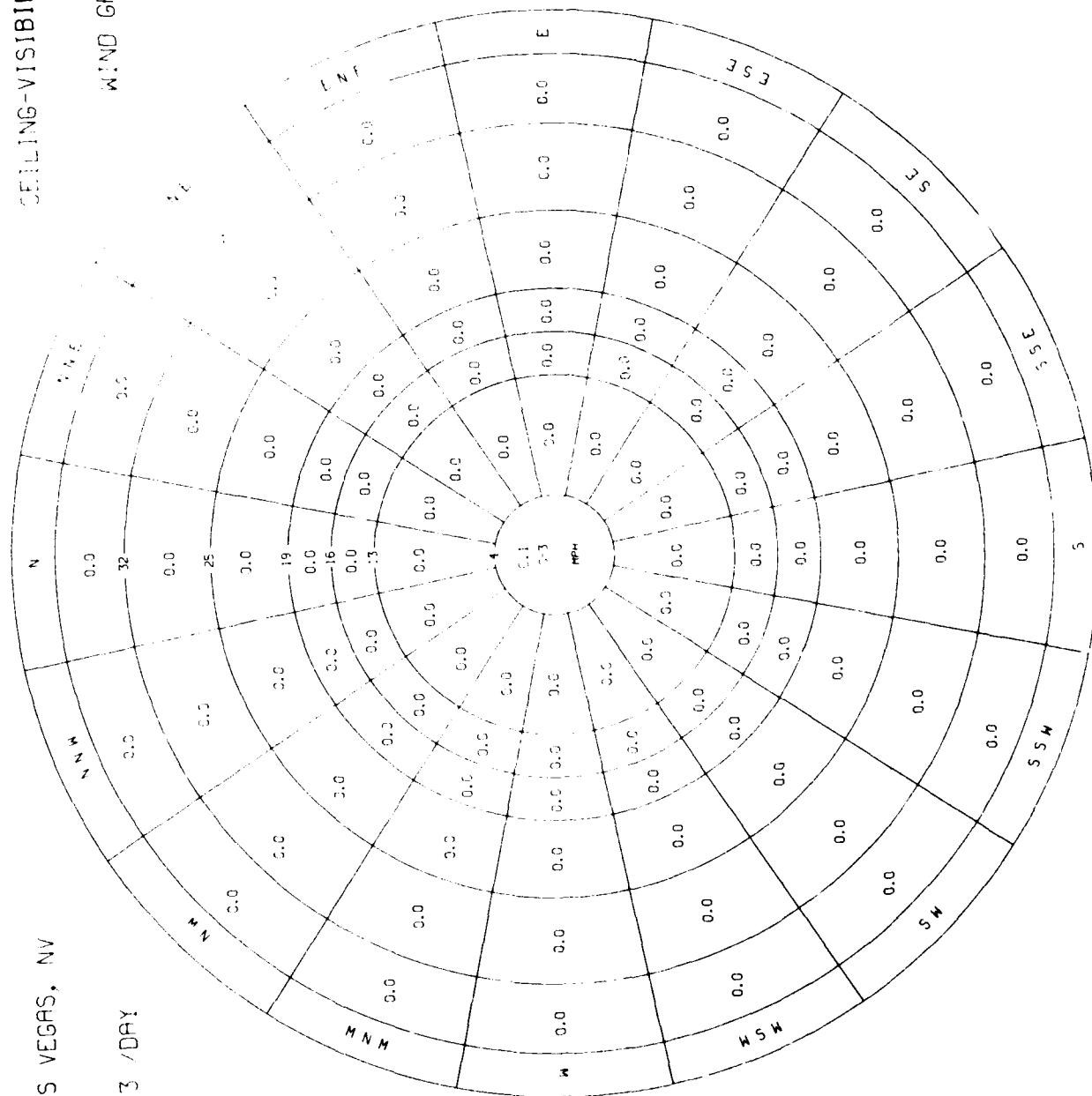
NO. OBS.: 155

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	4.5	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	5.8	8.8
NNE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	3.2	10.8
NE	.0	1.3	.0	2.6	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	5.8	8.7
ENE	.0	1.3	.0	4.5	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.0
E	.0	.6	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	7.3
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
SSE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.3	20.5
S	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.4
SSW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	2.6	10.0
SW	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	3.2	10.6
WSW	.0	.0	.0	5.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	7.1	10.5
W	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.6
WNW	.0	.6	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.7
NW	.0	.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	3.9	9.8
NNW	.0	1.3	.0	4.5	.0	.6	.0	.0	.0	.0	.6	.0	.0	2.6	.0	.0	9.7	16.2
CALM	.1	23.4														.1	28.4	
TOTAL	.1	37.4	.2	51.0	.0	1.9	.0	1.3	.0	1.9	.0	1.3	.0	5.2	.4	100		6.8

WIND GRAPH

LAS LAS VEGAS, NV

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LAS LAS VEGAS, NV

CLASS 3 / DAY

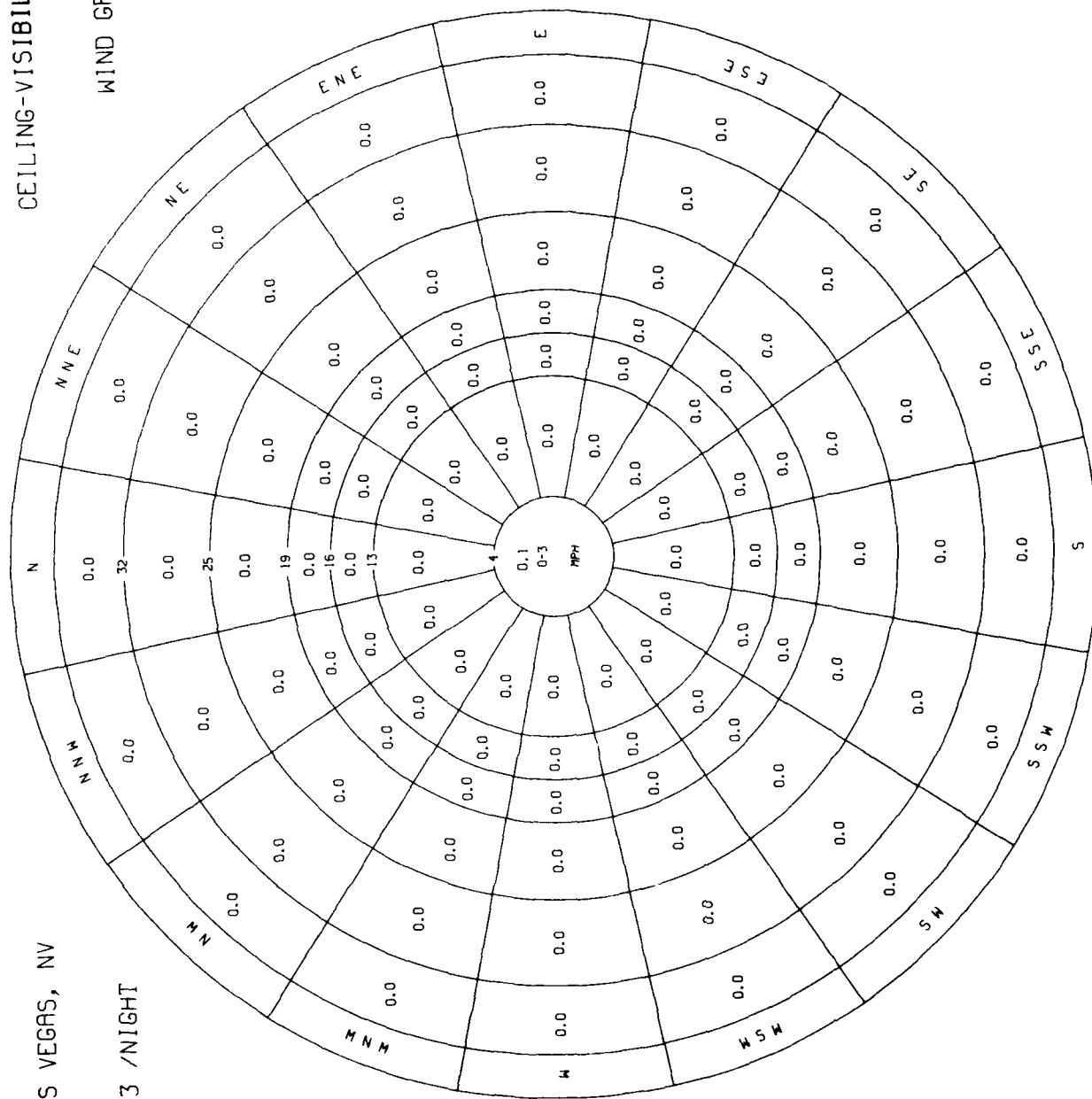
NO. OBS.: 130

STATION NUMBER: 23169

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	
N	.0	.8	.0	6.9	.0	.0	.0	.8	.0	.0	.0	.8	.0	.8	.0 10.0
NNE	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
NE	.0	.8	.0	6.2	.0	.8	.0	.0	.0	.0	.0	1.5	.0	.0	.0 9.2
ENE	.0	.8	.0	5.4	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	.0 7.7
E	.0	.8	.0	10.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 11.5
ESE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SSE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0 1.5
S	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.8	.0 3.1
SW	.0	.8	.0	1.5	.0	.0	.0	.0	.0	1.5	.0	1.5	.0	2.3	.0 7.7
WSW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0 5.4
W	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.7
WNW	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
NW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0 3.8
NNW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0 3.1
CALM	.1	20.8													.1 20.8
TOTAL	.1	32.3	.1	47.7	.0	1.5	.0	1.5	.0	6.2	.0	3.8	.0	6.9	.3 100
															9.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAS LAS VEGAS, NV

PERIOD: 1949-1978

CLASS 3 / NIGHT

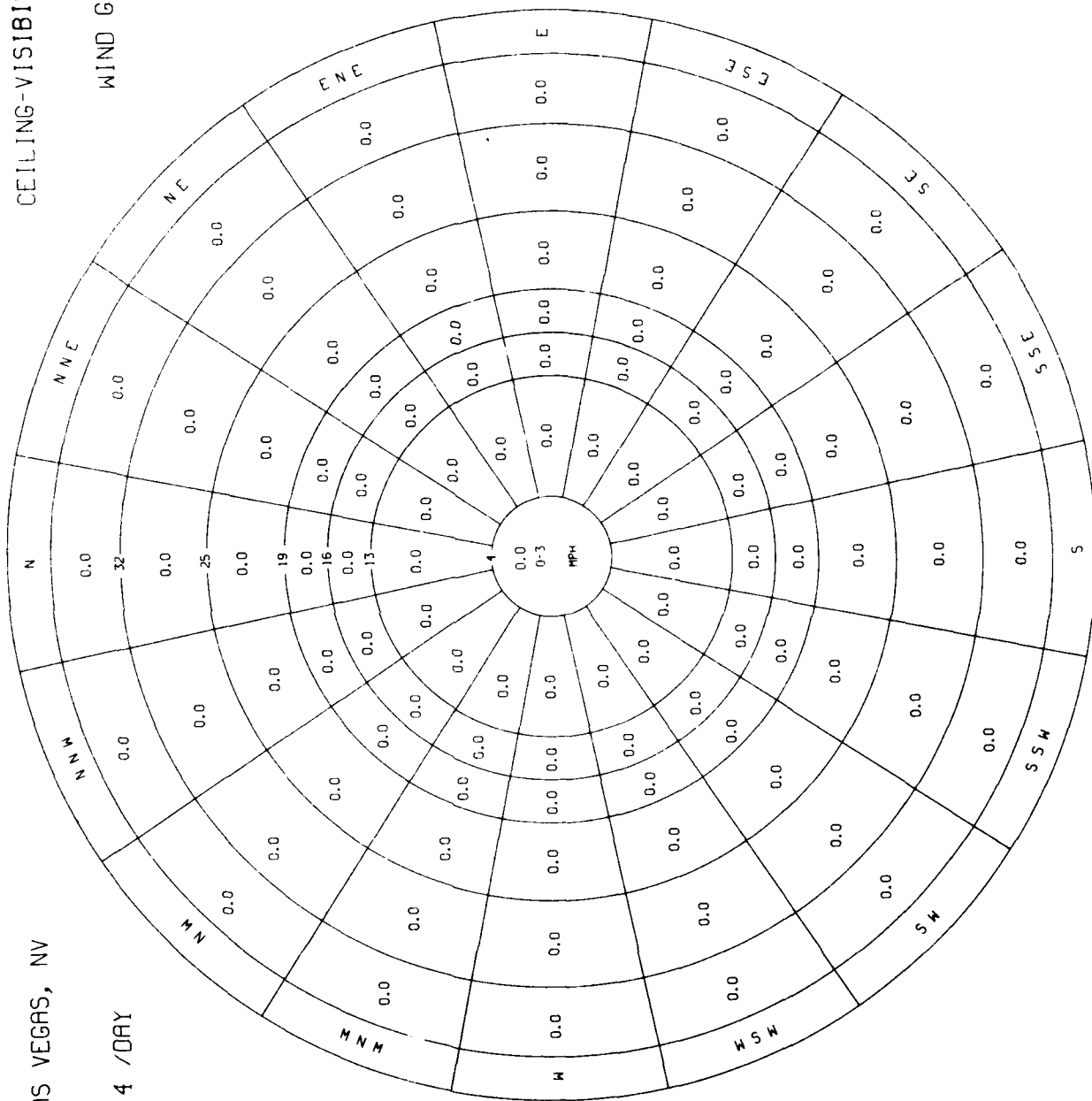
STATION NUMBER: 23169

NO. OBS.: 123

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	
N	.0	.8	.0	4.9	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0 6.5 9.2
NNE	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0 3.3 12.7
NE	.0	1.6	.0	3.3	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0 6.5 7.5
ENE	.0	1.6	.0	4.9	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0 7.3 7.2
E	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3 8.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0 .0
SE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4 6.0
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8 6.0
S	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3 4.2
SSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0 3.3 10.0
SW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0 3.3 11.5
WSW	.0	.0	.0	6.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.8	.0 8.1 11.1
W	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.5 6.6
WNW	.0	.8	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9 5.7
NW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0 3.3 11.7
NNW	.0	.8	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0 9.8 18.5
CALM	.1	27.6													.1 27.6
TOTAL	.1	36.6	.2	51.2	.0	1.6	.0	.8	.0	2.4	.0	1.6	.0	5.7	.3 100 7.1

CEILING-VISIBILITY

WIND GRAPH



LAS LAS VEGAS, NV

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LAS LAS VEGAS, NV

CLASS 4 / DAY

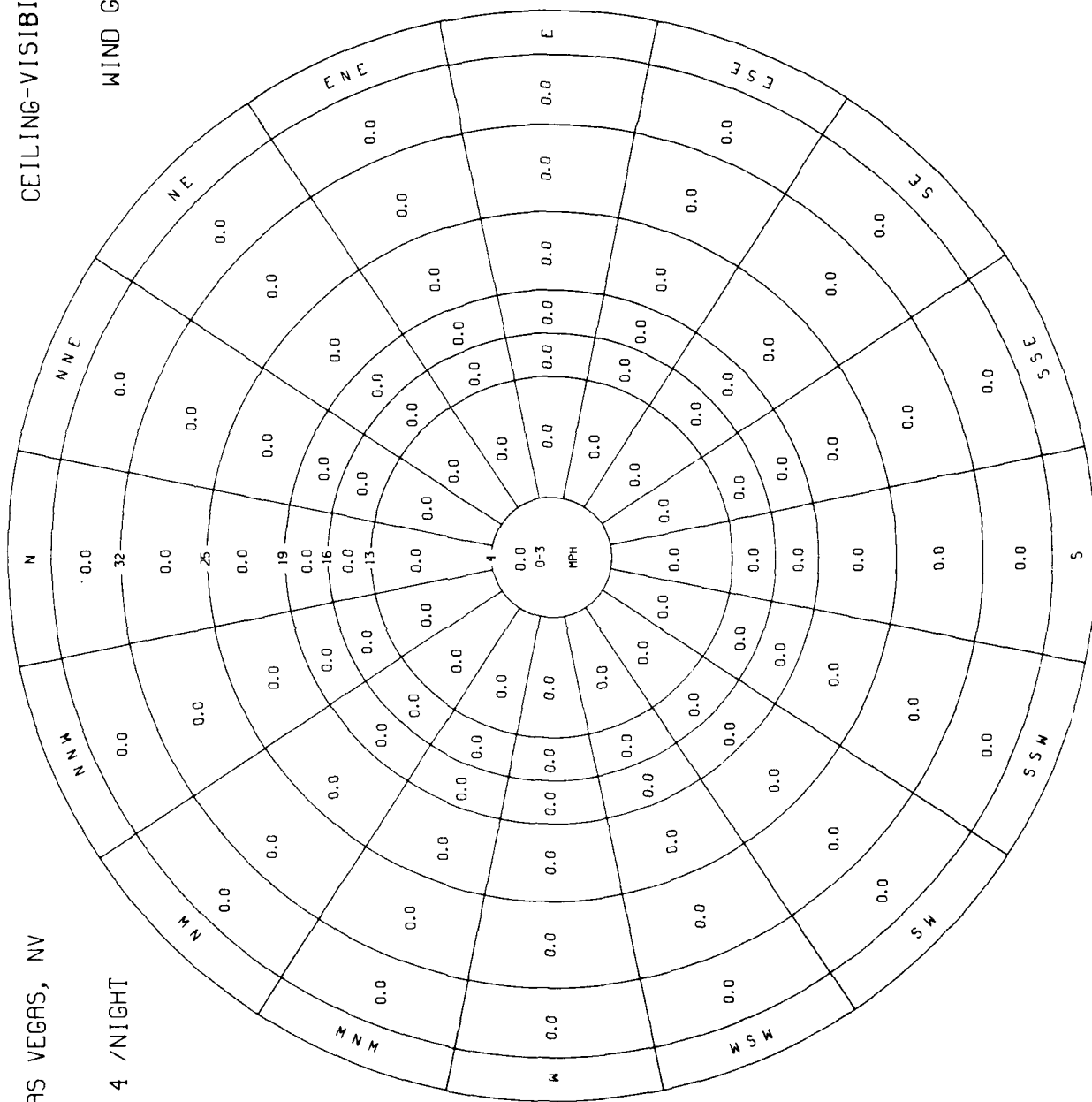
NO. OBS.: 21

STATION NUMBER: 23169

O 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	
N	.0	4.8	.0	.0	.0	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	14.3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
ENE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
E	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
ESE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
SE	.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	4.8	.0	.0	.0	.0	4.8
S	.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
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
W	.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
NW	.0	4.8	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	9.5
NNW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	4.8	.0	14.3	23.8
CALM	.0	9.5													9.5
TOTAL	.0	23.8	.0	19.0	.0	4.8	.0	4.8	.0	9.5	.0	4.8	.0	33.3	18.4

CEILING-VISIBILITY

WIND GRAPH



LAS LAS VEGAS, NV

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATION

ANNUAL

STATION NAME: LAS LAS VEGAS, NV

PERIOD: 1949- '9

CLASS 4 / NIGHT

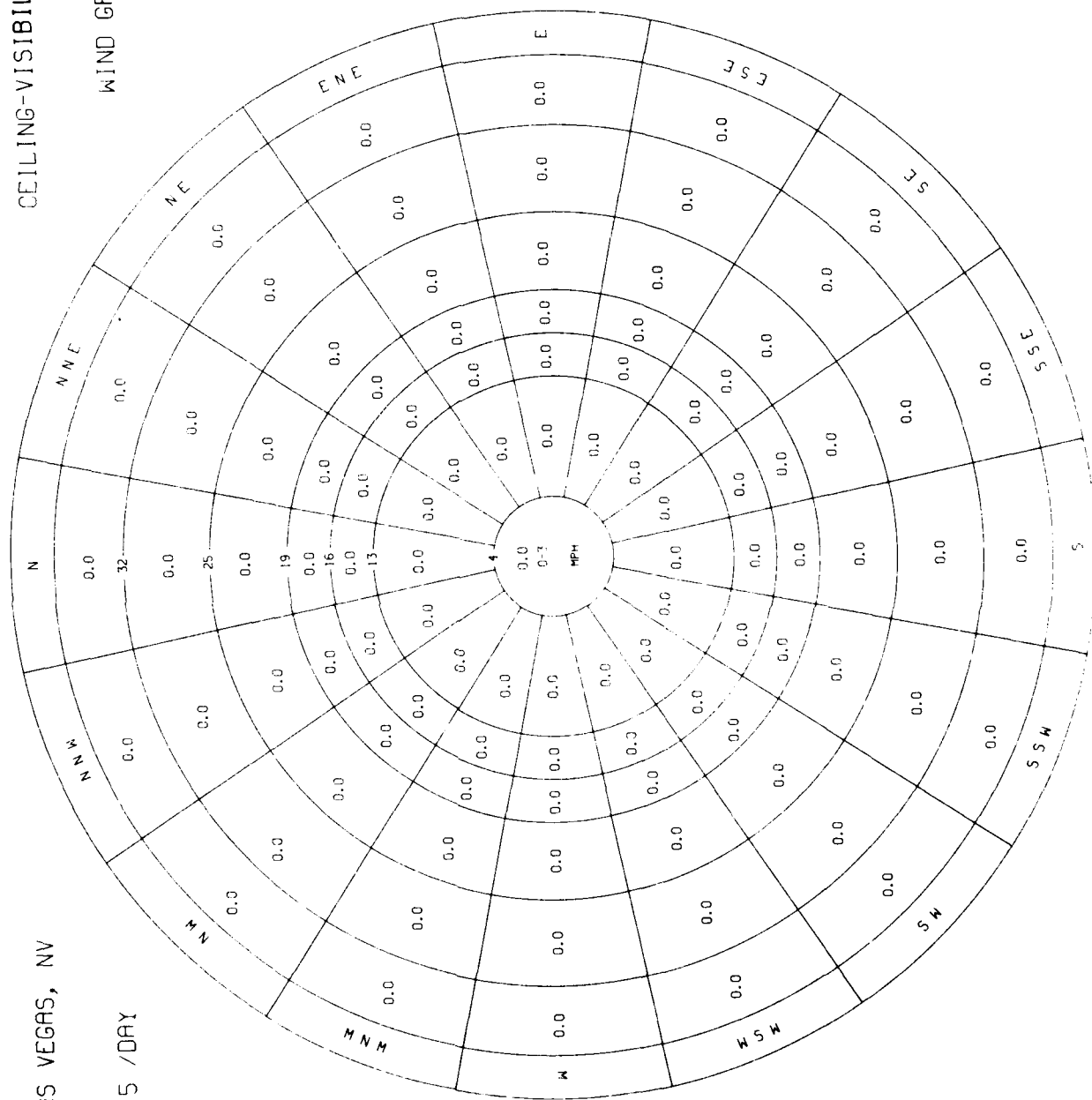
STATION NUMBER: 23169

NO. OBS.: 14

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	
N	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
NNE	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
E	.0	.0	.0	21.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.4
ESE	.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
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
SSW	.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
WSW	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1
CALM	.0	28.6													28.6
TOTAL	.0	35.7	.0	64.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100

CEILING-VISIBILITY

WIND GRAPH



LAS LAS VEGAS, NV

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAS LAS VEGAS, NV

PERIOD: 1949-1978

CLASS 5 / DAY

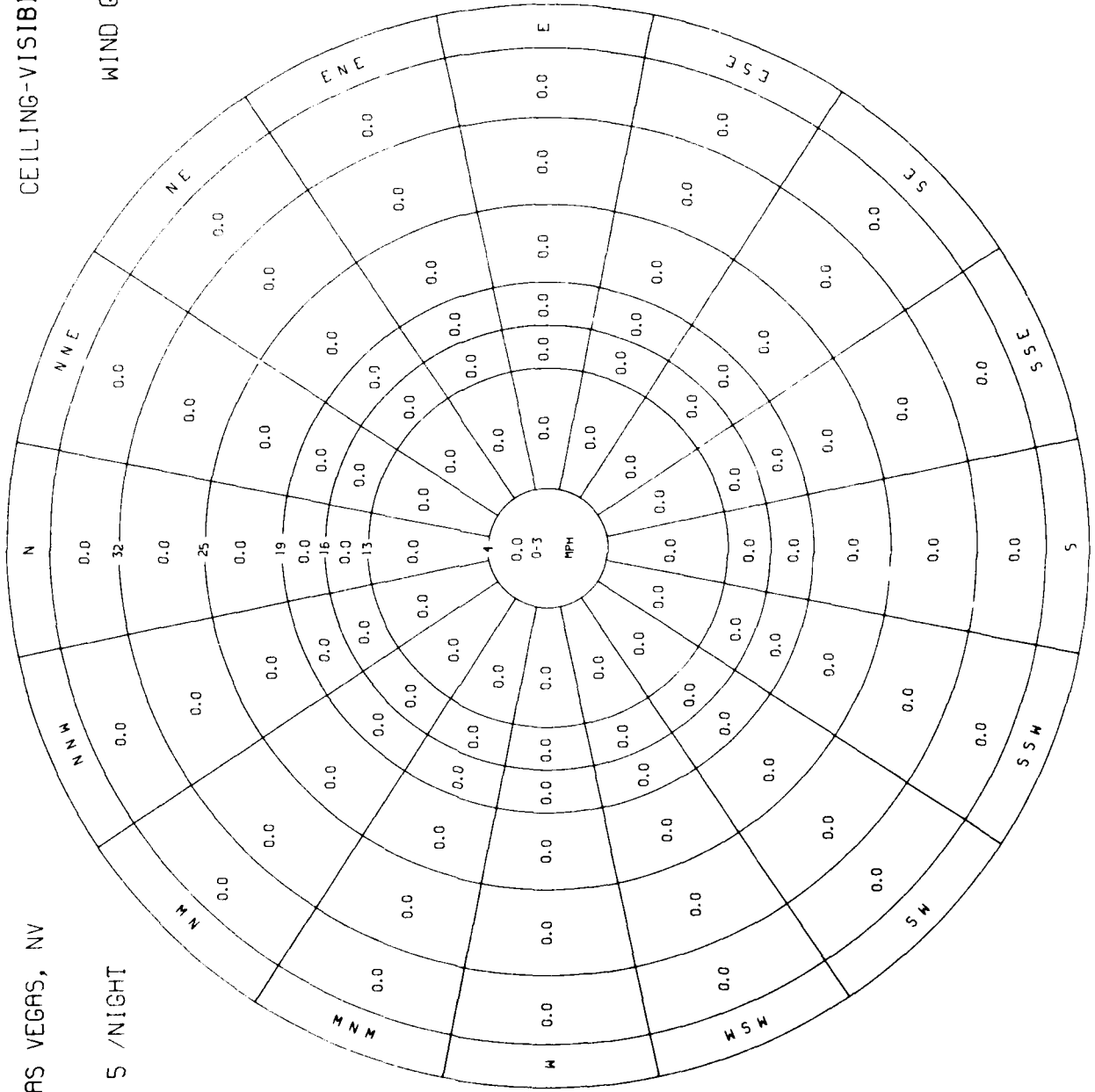
STATION NUMBER: 23169

NO. OBS.: 9

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	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.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
E	.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
SE	.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
S	.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
SW	.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
W	.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
NW	.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
CALM	.0 22.2														.0 11.1
TOTAL	.0 22.2		.0 11.1		.0 11.1		.0	.0	.0	.0	.0	.0	.0 55.6		.0 22.2
															.0 100
															25.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAS LAS VEGAS, NV

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 23169

NO. OBS.: 11

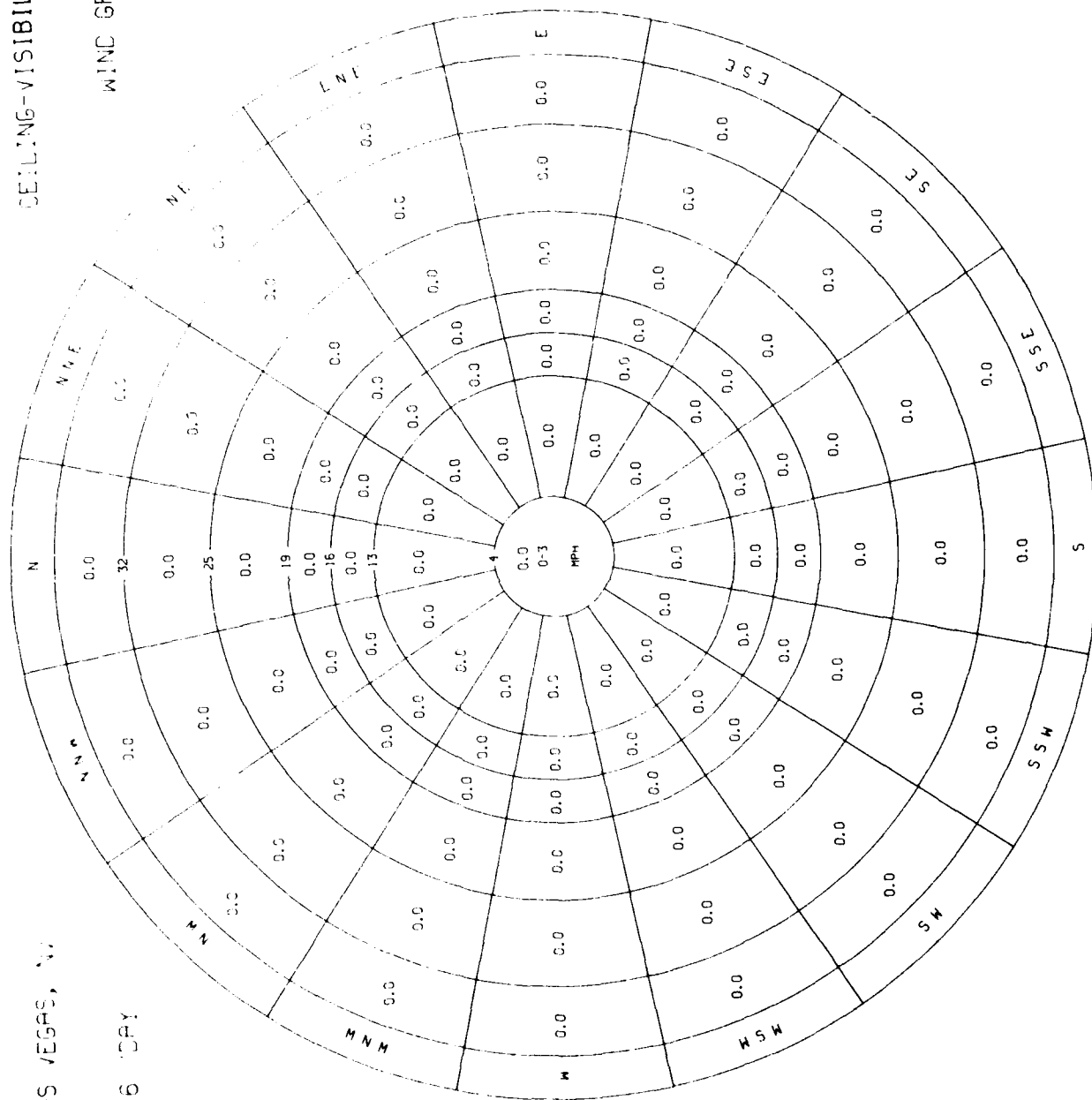
O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.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
SE	.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
S	.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
SW	.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
W	.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
NW	.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
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CEILING-VISIBILITY

WIND GRAPH

LAS LAS VEGAS, NV

CLASS 6 DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAS LAS VEGAS, NV

PERIOD: 1949-1978

CLASS 6 / DAY

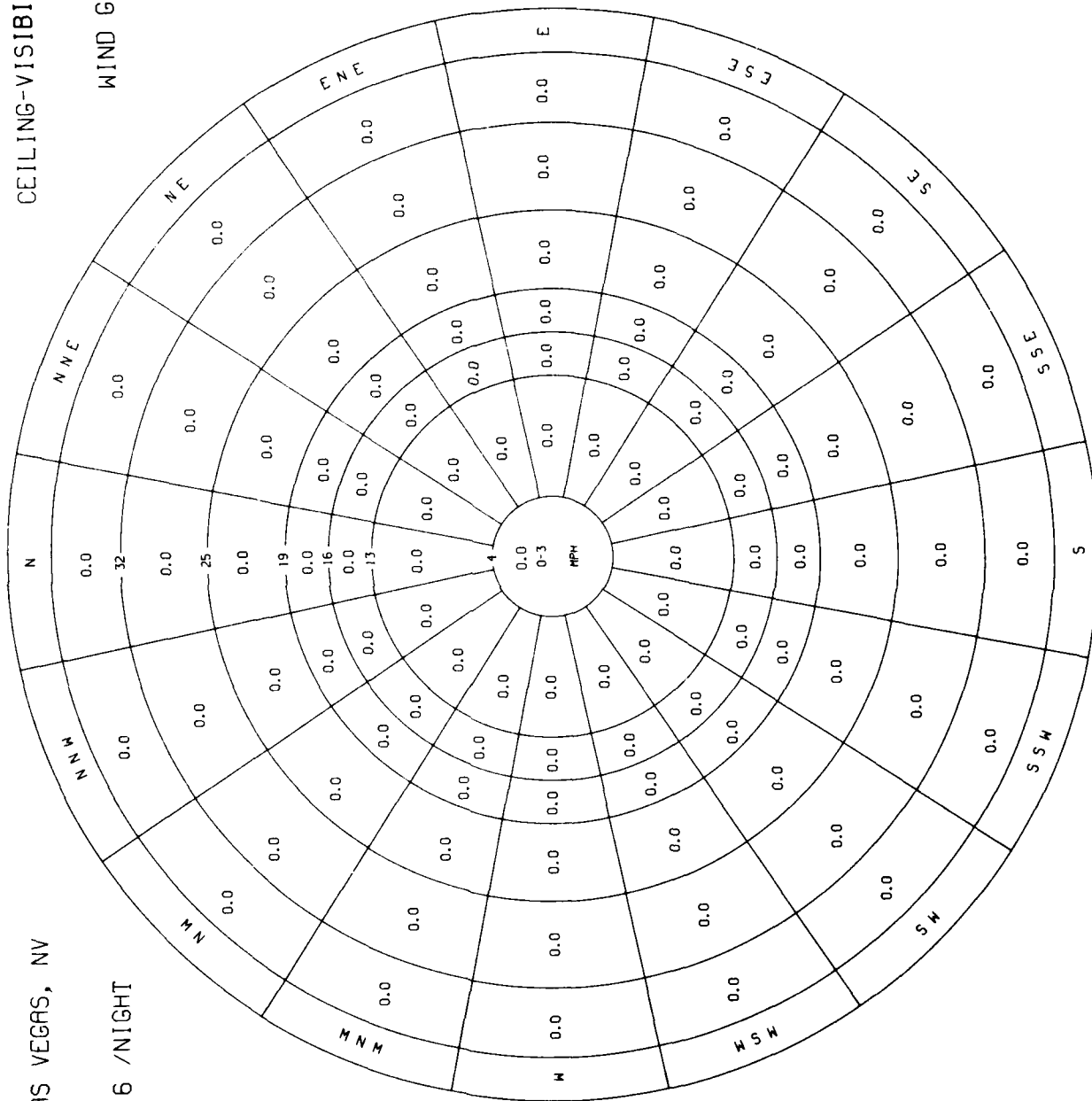
STATION NUMBER: 23169

NO. OBS.: 6

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	
N	.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
NE	.0	.0	.0 16.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 16.7	6.0
ENE	.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
ESE	.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
SSE	.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
SSW	.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
WSW	.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
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0 16.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 16.7	.0 33.3	26.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 16.7	.0 16.7	52.0
CALM	.0 33.3													.0 33.3	
TOTAL	.0 33.3		.0 33.3		.0	.0	.0	.0	.0	.0	.0	.0	.0 33.3	.0 100	18.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LAS LAS VEGAS, NV

CLASS 6 / NIGHT

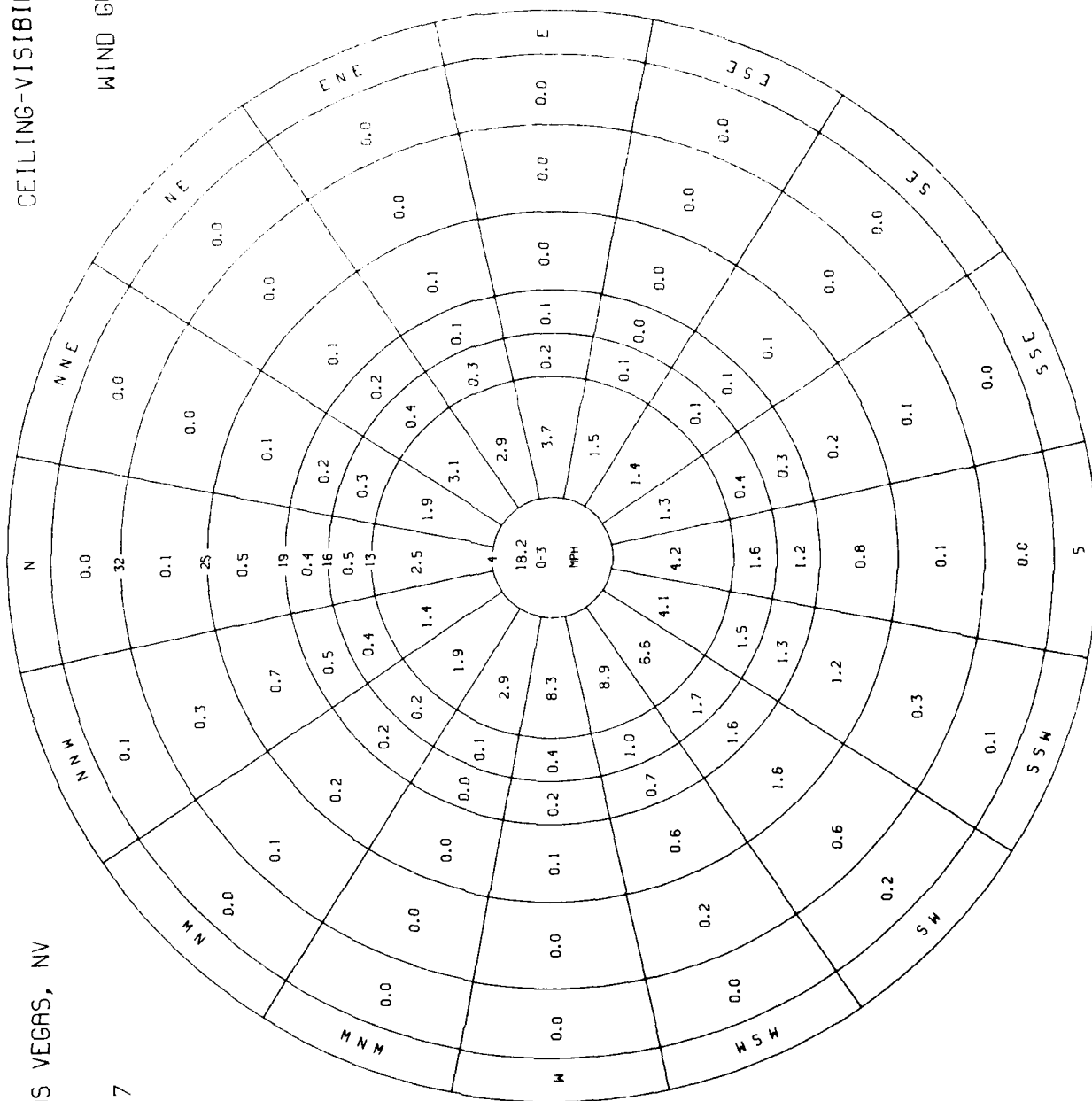
NO. OBS.: 7

STATION NUMBER: 23169

D I R	SPEED GROUPS (1.PH)														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	
N	.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
NE	.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
E	.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
SE	.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
S	.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
SW	.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
W	.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
NW	.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
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CEILING-VISIBILITY

WIND GRAPH

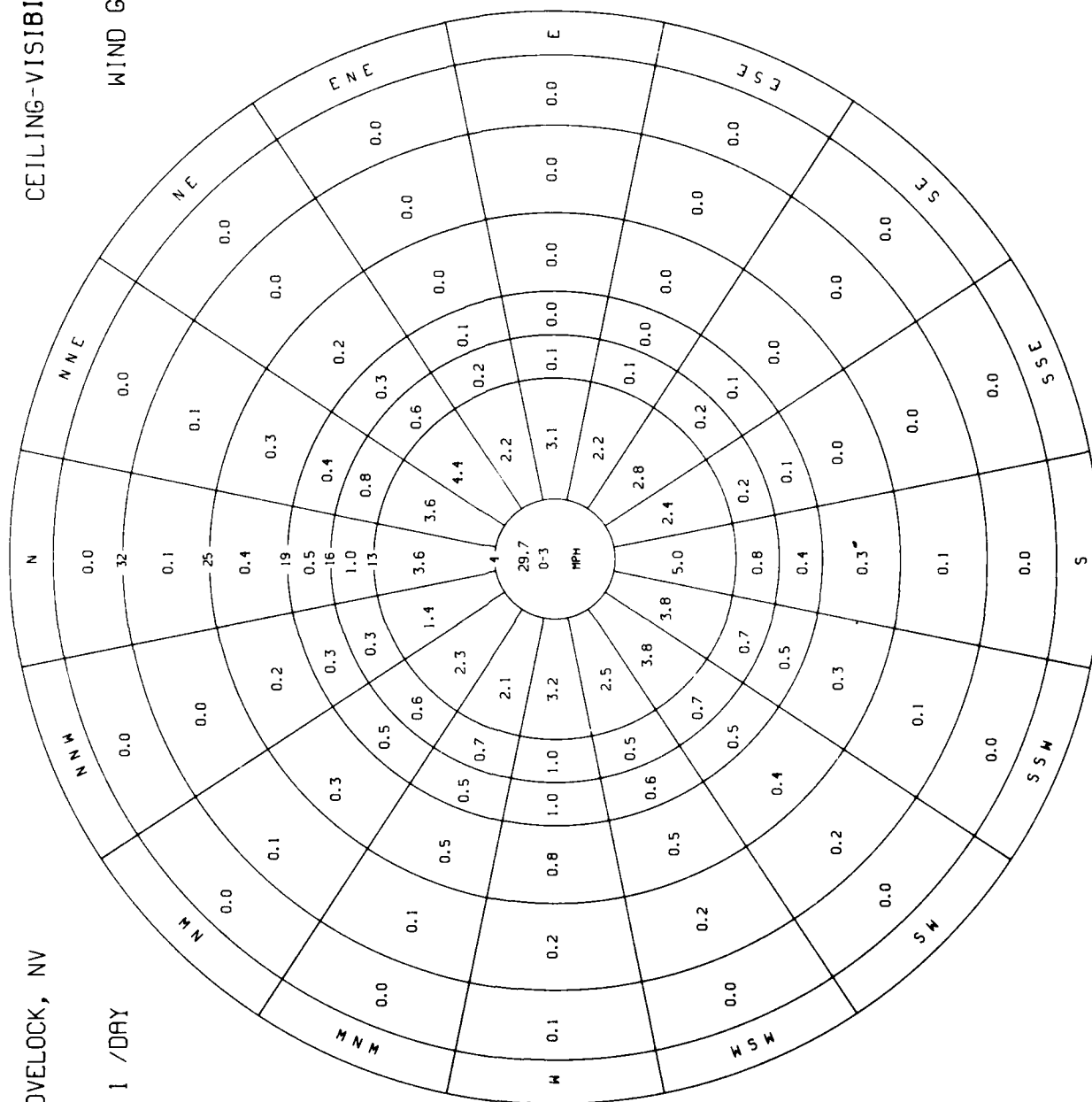


LAS LAS VEGAS, NV

CLASS 7

LOL LOVELOCK, NV

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LOL LOVELOCK, NV

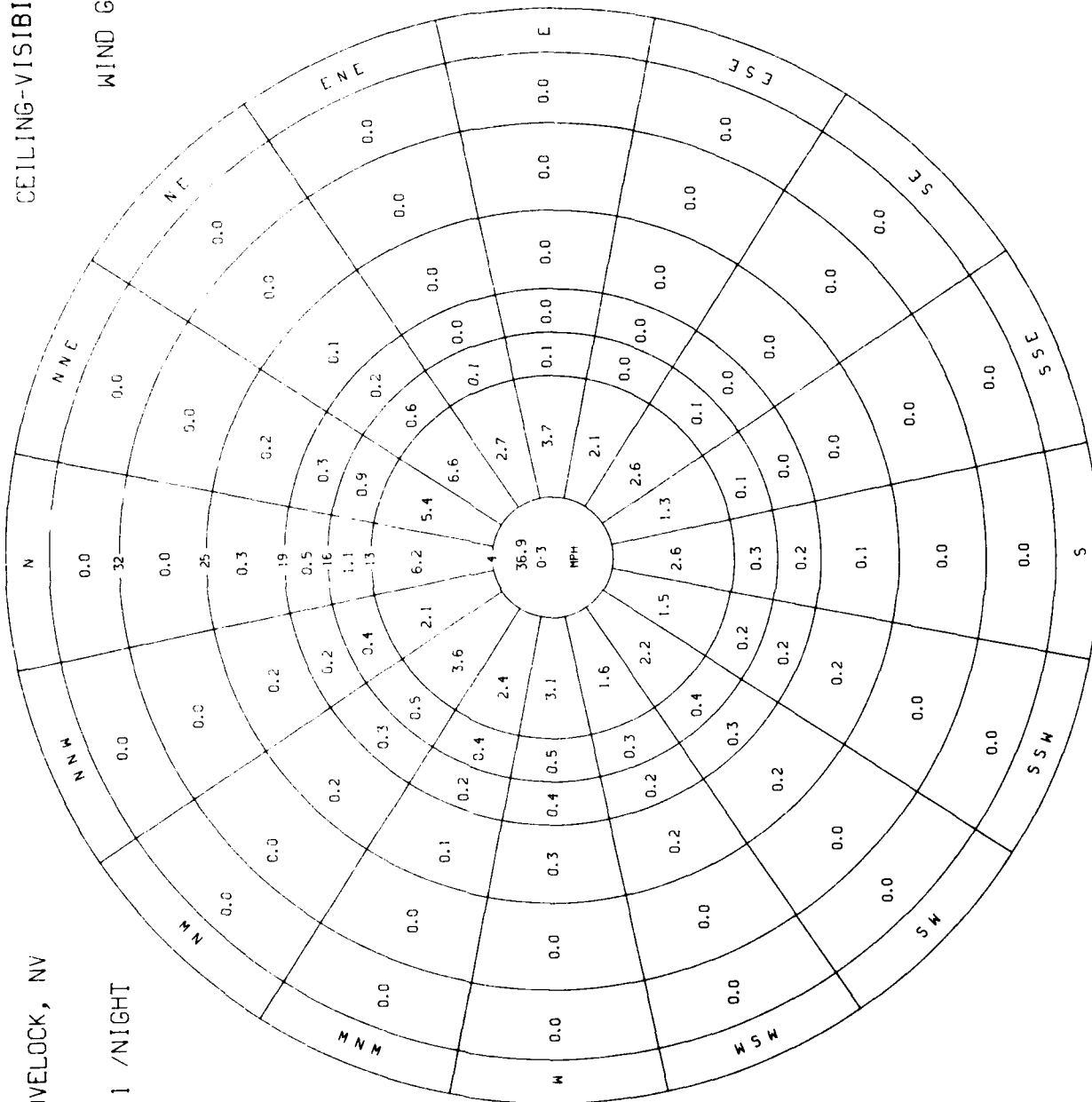
CLASS 1 / DAY

NO. OBS.: 47586

STATION NUMBER: 24172

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	
N	.2	.3	3.6	3.7	1.0	1.0	.5	.6	.4	.4	.1	.1	.0	.0	5.9 6.0 11.0
NNE	.2	.2	3.6	3.6	.8	.8	.4	.4	.3	.3	.1	.1	.0	.0	5.4 5.5 10.8
NE	.4	.4	4.4	4.5	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	5.9 6.0 9.2
ENE	.2	.2	2.2	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7 2.8 7.8
E	.3	.3	3.1	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6 3.7 7.3
ESE	.3	.3	2.2	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5 2.6 7.3
SE	.3	.3	2.8	2.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.4 3.4 7.7
SSE	.3	.3	2.4	2.5	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	3.1 3.2 8.5
S	.4	.4	5.0	5.1	.8	.9	.4	.4	.3	.3	.1	.1	.0	.0	7.0 7.1 9.8
SSW	.2	.2	3.8	3.8	.7	.7	.5	.5	.3	.4	.1	.1	.0	.0	5.6 5.7 10.8
SW	.3	.3	3.8	3.8	.7	.7	.5	.5	.4	.4	.2	.2	.0	.0	5.9 6.0 11.0
WSW	.2	.2	2.5	2.5	.5	.6	.6	.6	.5	.5	.2	.2	.0	.0	4.6 4.7 12.5
W	.4	.4	3.2	3.2	1.0	1.0	1.0	1.0	.8	.8	.2	.2	.1	.1	6.6 6.7 12.5
WNW	.2	.2	2.1	2.1	.7	.7	.5	.5	.5	.5	.1	.1	.0	.0	4.1 4.2 12.1
NW	.3	.3	2.3	2.3	.6	.6	.5	.5	.3	.4	.1	.1	.0	.0	4.1 4.2 11.2
NNW	.1	.1	1.4	1.4	.3	.3	.3	.3	.2	.3	.0	.0	.0	.0	2.4 2.5 11.6
CALM	25.3	25.8													25.3 25.8
TOTAL	29.7	30.2	48.3	49.1	8.6	8.7	5.9	6.0	4.5	4.5	1.2	1.2	.2	.2	98.3 100 7.7

LOL LOVELOCK, NV
 CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOL LOVELOCK, NV

PERIOD: 1949-1978

CLASS 1 / NIGHT

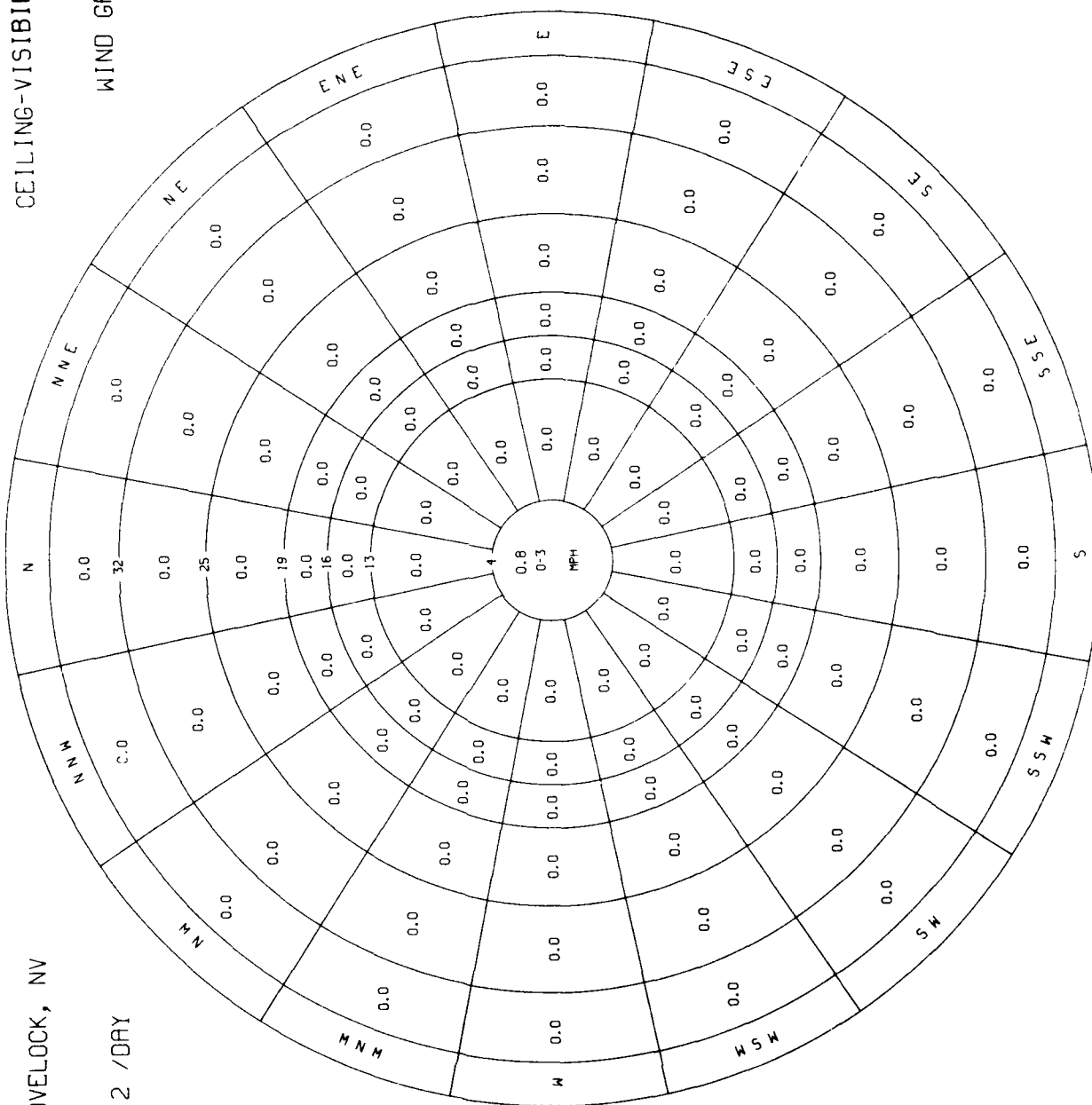
STATION NUMBER: 24172

NO. OBS.: 38504

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	6.2	6.3	1.1	1.1	.5	.5	.3	.3	.0	.0	.0	.0	.0	8.6	8.7	9.8
NNE	.3	.3	5.4	5.5	.9	.9	.3	.3	.2	.2	.0	.0	.0	.0	.0	7.2	7.3	9.6
NE	.7	.7	6.6	6.7	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	8.1	8.3	8.3
ENE	.4	.4	2.7	2.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.4	6.9
E	.5	.5	3.7	3.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.4	6.7
ESE	.3	.3	2.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.5	6.7
SE	.4	.4	2.6	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.1	6.8
SSE	.2	.2	1.3	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.7	7.4
S	.3	.3	2.6	2.6	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	3.4	3.5	8.8
SSW	.1	.1	1.5	1.5	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	2.3	2.4	10.7
SW	.3	.3	2.2	2.2	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	3.3	3.4	10.0
WSW	.2	.2	1.6	1.6	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	.0	2.5	2.6	10.4
W	.4	.4	3.1	3.2	.5	.5	.4	.4	.3	.3	.0	.0	.0	.0	.0	4.7	4.8	9.8
WNW	.3	.3	2.4	2.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	3.5	3.5	9.3
NW	.4	.4	3.6	3.6	.5	.5	.3	.3	.2	.2	.0	.0	.0	.0	.0	5.0	5.1	9.3
NNW	.2	.2	2.1	2.2	.4	.4	.2	.2	.2	.2	.0	.0	.0	.0	.0	3.1	3.1	9.8
CALM	31.6	32.2														31.6	32.2	
TOTAL	36.9	37.6	49.8	50.7	5.8	6.0	3.2	3.2	2.0	2.0	.4	.4	.1	.1	.1	98.2	100	6.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOL LOVELOCK, NV

PERIOD: 1949-1978

CLASS 2 / DAY

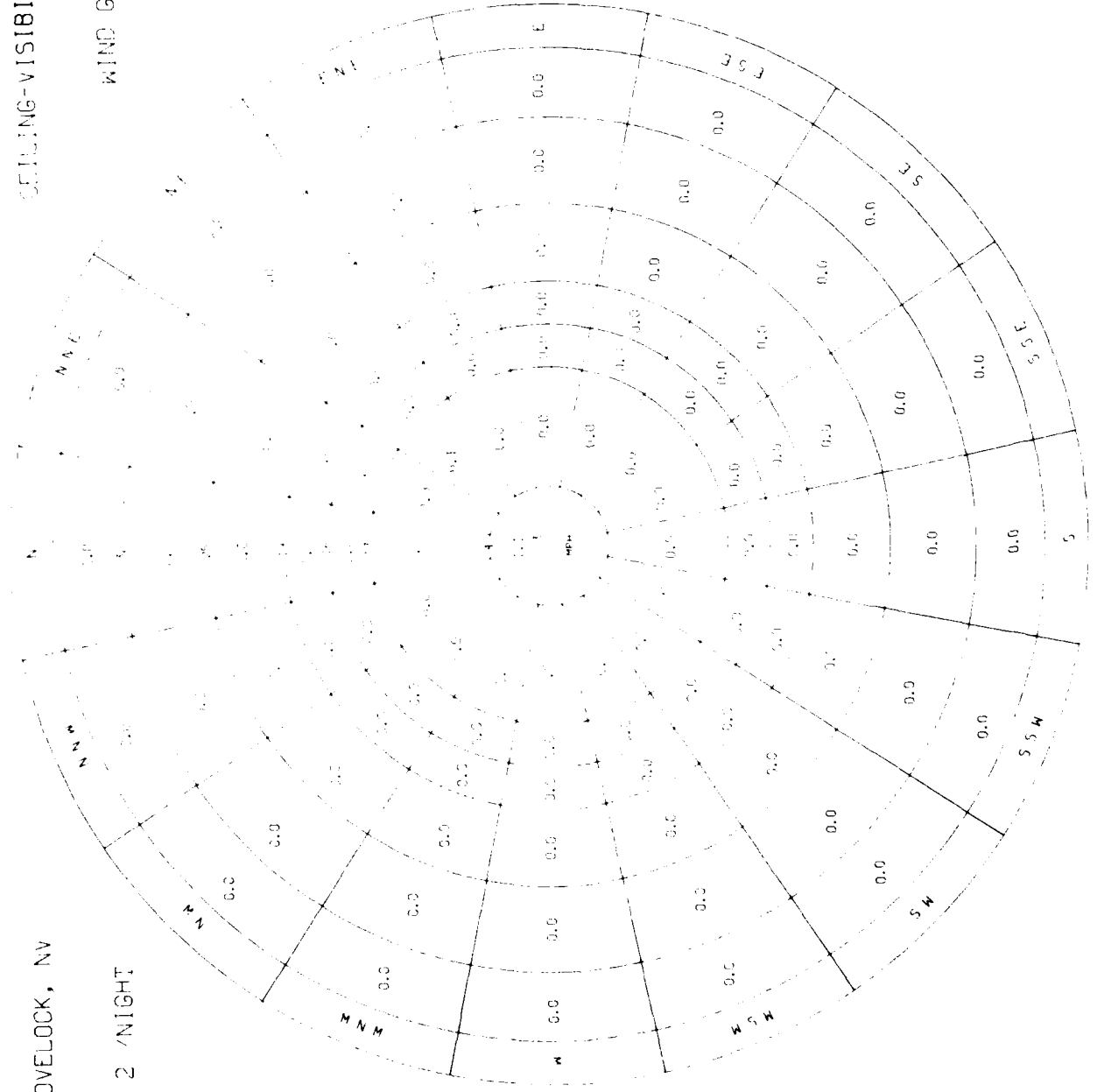
STATION NUMBER: 24172

NO. OBS.: 810

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
N	.0	.2	.0	2.3	.0	.2	.0	.4	.0	.9	.0	.1	.0	.2	.1	4.4	13.9
NNE	.0	.1	.0	2.5	.0	.2	.0	.1	.0	.2	.0	.0	.0	.0	.1	3.2	9.3
NE	.0	.5	.0	2.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.1	7.6
ENE	.0	.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.8
E	.0	.4	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	2.0	6.7
ESE	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.4	7.6
SE	.0	.9	.0	1.9	.0	.0	.0	.1	.0	.0	.0	.4	.0	.0	.1	3.2	8.4
SSE	.0	.4	.0	1.6	.0	.0	.0	.2	.0	.4	.0	.5	.0	.2	.1	3.3	15.1
S	.0	.6	.0	1.7	.0	.4	.0	.5	.0	1.5	.0	1.2	.0	1.4	.1	7.3	20.5
SSW	.0	.5	.0	1.9	.0	.0	.0	.7	.0	1.2	.0	2.0	.0	2.1	.1	8.4	23.7
SW	.0	.6	.0	1.2	.0	.2	.0	.4	.0	.9	.0	1.5	.0	1.7	.1	6.5	22.2
WSW	.0	.6	.0	1.7	.0	.0	.0	.2	.0	1.0	.0	1.0	.0	.6	.1	5.2	17.9
W	.0	.9	.0	1.2	.0	.2	.0	.2	.0	.6	.0	.1	.0	.1	.1	3.5	11.5
WNW	.0	.2	.0	1.0	.0	.1	.0	.1	.0	.2	.0	.2	.0	.2	.0	2.2	15.0
NW	.0	.5	.0	.2	.0	.2	.0	.2	.0	.5	.0	.5	.0	.5	.0	2.7	20.6
NNW	.0	.4	.0	.7	.0	.1	.0	.2	.0	.1	.0	.1	.0	.1	.0	1.9	12.5
CALM	.7	40.6													.7	40.6	
TOTAL	.8	47.9	.4	23.7	.0	2.0	.1	3.7	.1	7.5	.1	7.9	.1	7.3	.1	100	9.6

SEEKING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EGL LOVELOCK, NV

PERIOD: 1949-1978

CLASS 2 / NIGHT

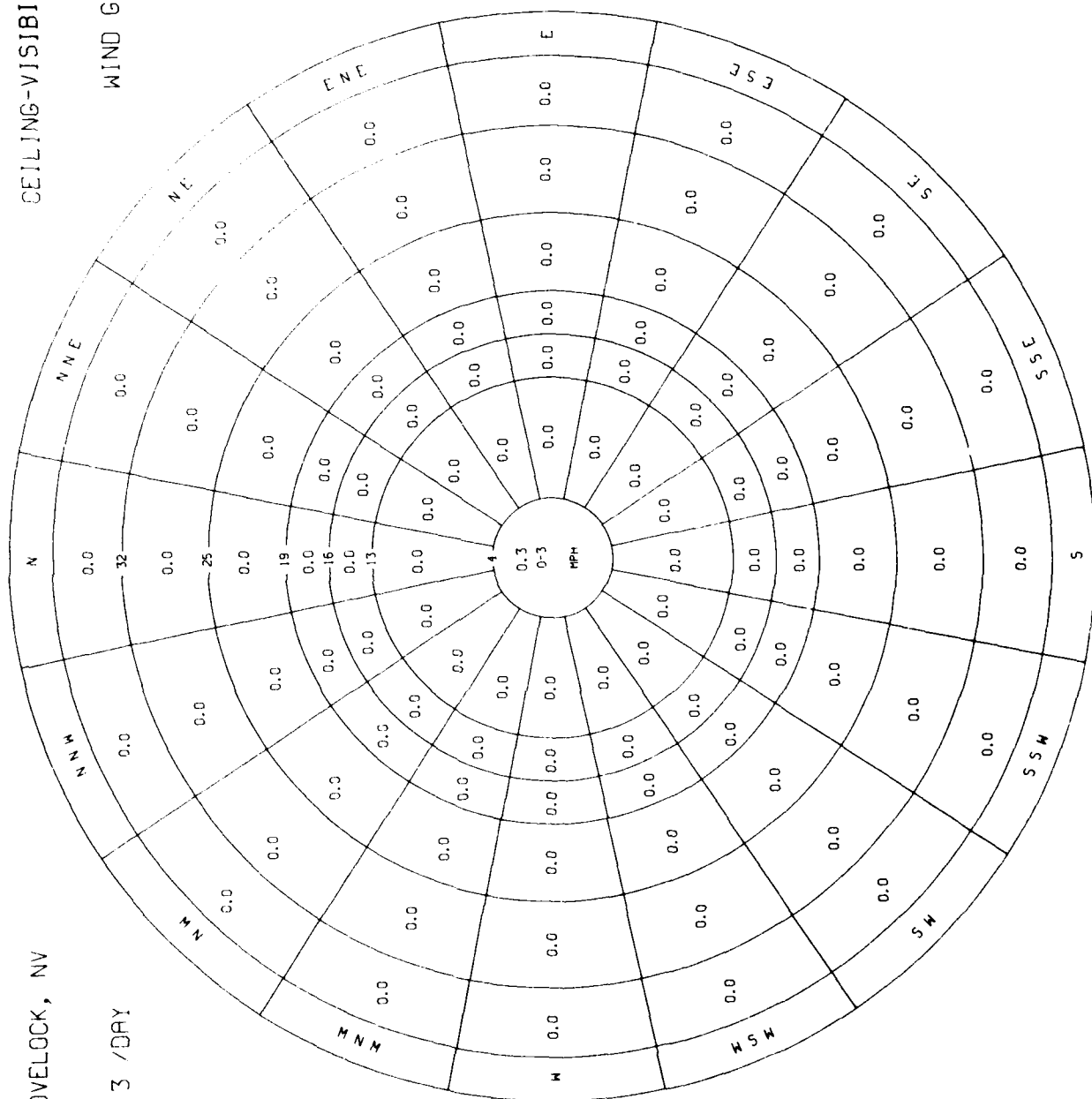
STATION NUMBER: 24172

NO. OBS.: 705

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	2.4	.0	.9	.0	.3	.0	.7	.0	.0	.0	.0	.1	4.8	10.9
NNE	.0	.9	.0	2.4	.0	.6	.0	.4	.0	.3	.0	.0	.0	.0	.1	4.5	9.5
NE	.0	.4	.1	3.5	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.1	4.5	8.3
ENE	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.8
E	.0	.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	2.7	6.8
ESE	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	1.4	8.3
SE	.0	1.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	5.1
SSE	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
S	.0	.6	.0	2.1	.0	.6	.0	.1	.0	1.0	.0	.4	.0	.4	.1	5.2	14.8
SSW	.0	.4	.0	1.3	.0	.3	.0	.3	.0	.6	.0	.6	.0	.6	.1	4.0	17.2
SW	.0	1.0	.0	1.3	.0	.3	.0	.0	.0	.7	.0	.3	.0	.1	.1	3.7	12.0
WSW	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	1.0	12.0
W	.0	1.1	.0	1.1	.0	.0	.0	.1	.0	.3	.0	.4	.0	.0	.1	3.1	10.0
WNW	.0	.6	.0	1.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	2.1	9.9
NW	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.3	.0	.1	.0	.0	.0	2.0	10.2
NNW	.0	.3	.0	1.1	.0	.0	.0	.3	.0	.1	.0	.3	.0	.0	.0	2.1	11.5
CALM	1.0	52.9													1.0	52.9	
TOTAL	1.1	62.7	.4	24.3	.0	2.7	.0	1.7	.1	4.7	.0	2.6	.0	1.4	1.8	100	5.0

CEILING-VISIBILITY

WIND GRAPH



LOL LOVELOCK, NV

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOL LOVELOCK, NV

PERIOD: 1949-1978

CLASS 3 / DAY

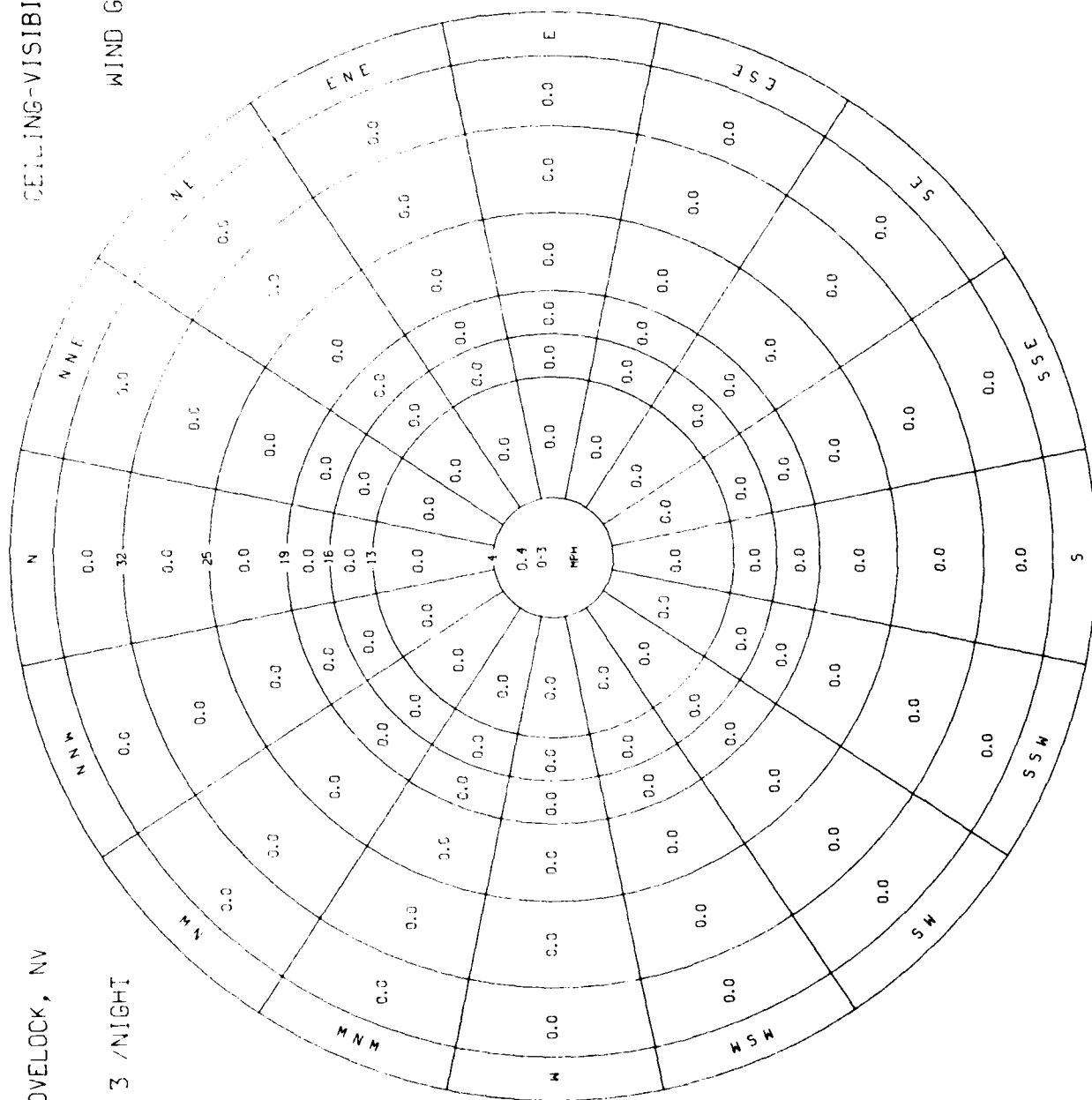
NO. OBS.: 397

STATION NUMBER: 24172

O 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
N	.0	.5	.0	3.5	.0	.5	.0	.5	.0	.5	.0	.0	.0	.3	.0	5.8	11.8
NNE	.0	.3	.0	2.8	.0	.5	.0	.3	.0	.3	.0	.0	.0	.0	.0	4.0	10.1
NE	.0	.3	.0	4.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.8	8.3
ENE	.0	.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.1
E	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	2.3	8.4
ESE	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.5
SE	.0	.8	.0	1.3	.0	.0	.0	.3	.0	.0	.0	.3	.0	.0	.0	2.5	8.4
SSE	.0	.5	.0	2.5	.0	.0	.0	.5	.0	.3	.0	.0	.0	.3	.0	4.0	10.7
S	.0	.3	.0	2.5	.0	.8	.0	.8	.0	1.0	.0	2.0	.0	.8	.1	8.1	18.3
SSW	.0	.5	.0	2.0	.0	.0	.0	1.0	.0	.8	.0	2.3	.0	.5	.1	7.1	19.4
SW	.0	.5	.0	1.8	.0	.5	.0	.5	.0	1.3	.0	1.5	.0	1.5	.1	7.6	20.9
WSW	.0	.3	.0	2.0	.0	.0	.0	.3	.0	1.0	.0	.8	.0	.5	.0	4.8	17.1
W	.0	.3	.0	2.0	.0	.5	.0	.3	.0	.8	.0	.0	.0	.3	.0	4.0	13.1
WNW	.0	.3	.0	2.0	.0	.3	.0	.3	.0	.5	.0	.3	.0	.0	.0	3.5	12.3
NW	.0	.3	.0	.0	.0	.3	.0	.5	.0	.8	.0	.5	.0	.3	.0	2.5	20.4
NNW	.0	.5	.0	1.0	.0	.0	.0	.3	.0	.3	.0	.0	.0	.3	.0	2.3	12.0
CALM	.3	33.5													.3	33.5	
TOTAL	.3	39.0	.3	32.2	.0	3.5	.0	5.5	.1	7.3	.1	7.8	.0	4.5	.8	100	9.5

LOL LOVELOCK, NV

CLASS 3 / NIGHT



ANNUAL

PERIOD: 1949-1978

CLASS 3 / NIGHT

NO.	OBS. :	322
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100
25	100	100
26	100	100
27	100	100
28	100	100
29	100	100
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91	100	100
92	100	100
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94	100	100
95	100	100
96	100	100
97	100	100
98	100	100
99	100	100
100	100	100

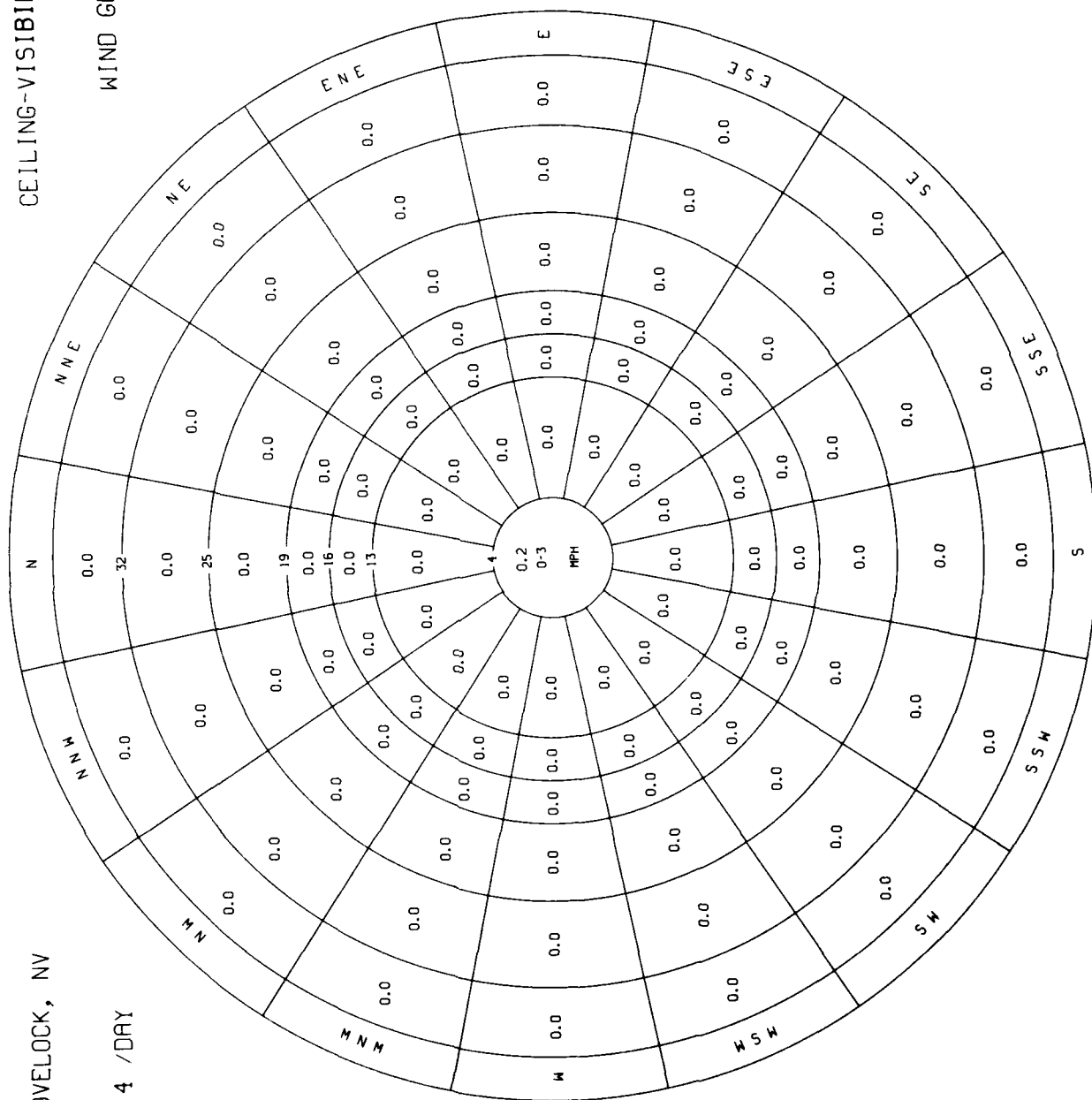
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.6	.0	3.7	.0	1.6	.0	.6	.0	.9	.0	.0	.0	.0	.0	.1	7.5	11.5
NNE	.0	.9	.0	2.5	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	5.3	10.5
NE	.0	.3	.0	5.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	6.5	8.0
ENE	.0	.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.5
E	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.8
ESE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	9.5
SE	.0	.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.1
SSE	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.9
S	.0	1.2	.0	2.8	.0	1.2	.0	.3	.0	2.2	.0	.6	.0	.0	.0	.1	8.1	13.3
SSW	.0	.0	.0	1.6	.0	.3	.0	.3	.0	.6	.0	.3	.0	.6	.0	.0	3.7	18.6
SW	.0	.3	.0	2.2	.0	.6	.0	.0	.0	.3	.0	.3	.0	.3	.0	.0	5.0	14.4
WSW	.0	.0	.0	.3	.0	.0	.0	.0	.0	.3	.0	.3	.0	.3	.0	.0	.9	23.3
W	.0	.9	.0	1.2	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	2.8	8.3
WNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	2.2	11.6
NW	.0	.3	.0	1.9	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.5	9.1
NNW	.0	.0	.0	2.2	.0	.0	.0	.3	.0	.3	.0	.6	.0	.0	.0	.0	3.4	13.2
CALM	.3	41.9														.3	41.9	
TOTAL	.4	49.1	.3	33.2	.0	4.7	.0	2.5	.1	7.1	.0	2.2	.0	1.2	.0	.8	100	6.4

CEILING-VISIBILITY

WIND GRAPH

LOL LOVELOCK, NV

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LOL LOVELOCK, NV

CLASS 4 / DAY

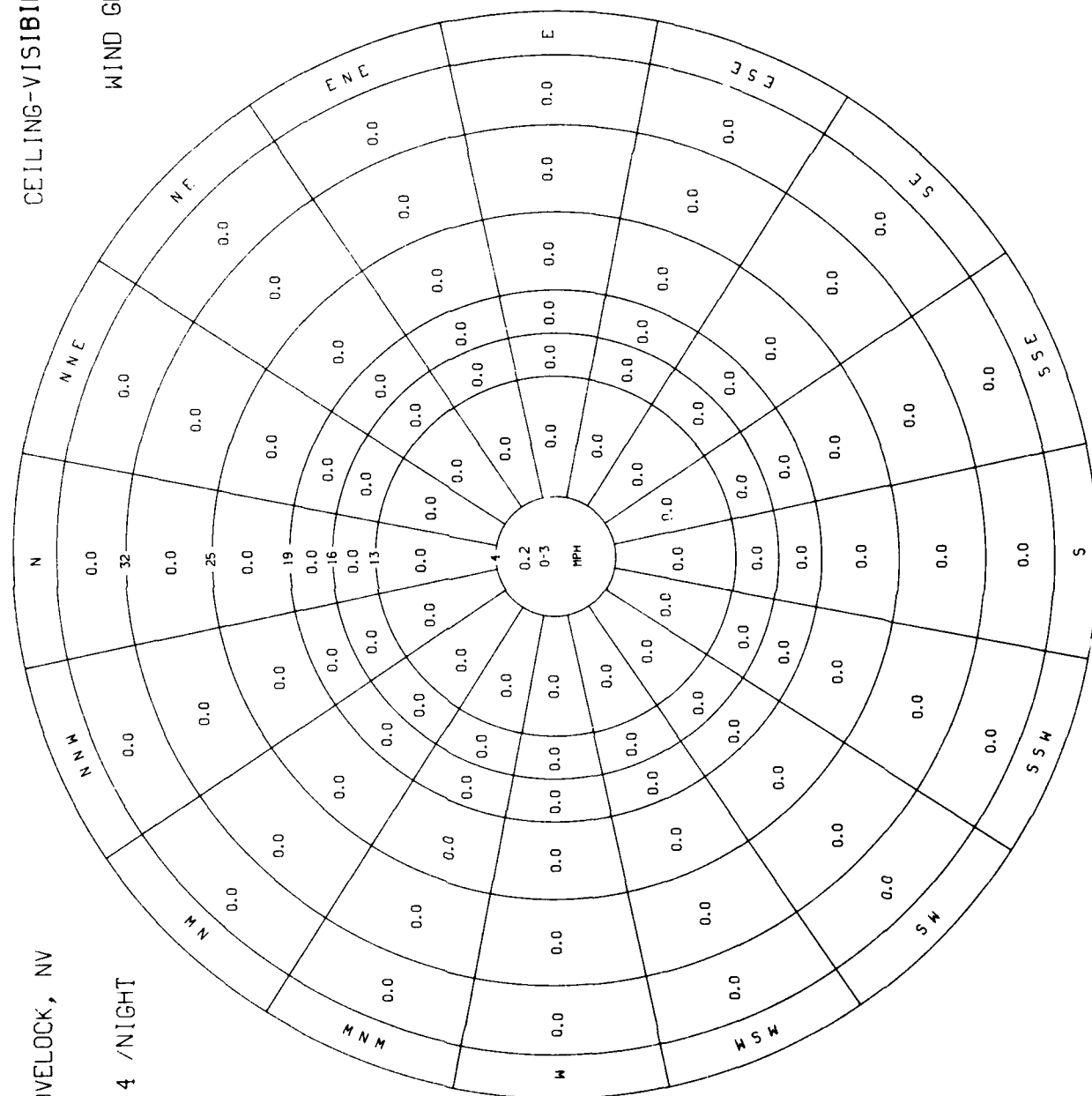
NO. OBS.: 180

STATION NUMBER: 24172

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
N	.0	.0	.0	1.1	.0	.0	.0	.6	.0	1.7	.0	.0	.0	.0	.0	3.3	16.5
NNE	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.7
NE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	9.0
ENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.5
E	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	1.7	13.3
SE	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	2.2	11.5
SSE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	2.2	.0	.6	.0	4.4	23.6
S	.0	1.1	.0	1.7	.0	.0	.0	.0	.0	2.2	.0	1.1	.0	2.2	.0	8.3	22.5
SSW	.0	.0	.0	2.2	.0	.0	.0	1.1	.0	2.8	.0	2.8	.0	2.2	.0	11.1	23.9
SW	.0	.6	.0	1.7	.0	.0	.0	.0	.0	1.1	.0	1.7	.0	1.7	.0	6.7	21.2
WSW	.0	.6	.0	1.7	.0	.0	.0	.0	.0	1.7	.0	1.1	.0	.0	.0	5.0	17.9
W	.0	1.7	.0	.6	.0	.0	.0	.6	.0	.6	.0	.6	.0	.0	.0	3.9	11.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.6	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.1	.0	3.3	18.5
NNW	.0	.6	.0	.6	.0	.6	.0	.6	.0	.0	.0	.6	.0	.0	.0	2.8	14.8
CALM	.1	40.0													.1	40.0	
TOTAL	.2	45.6	.1	21.7	.0	1.1	.0	2.8	.0	10.0	.0	11.1	.0	7.8	.4	10.9	10.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LOL LOVELOCK, NV

CLASS 4 / NIGHT

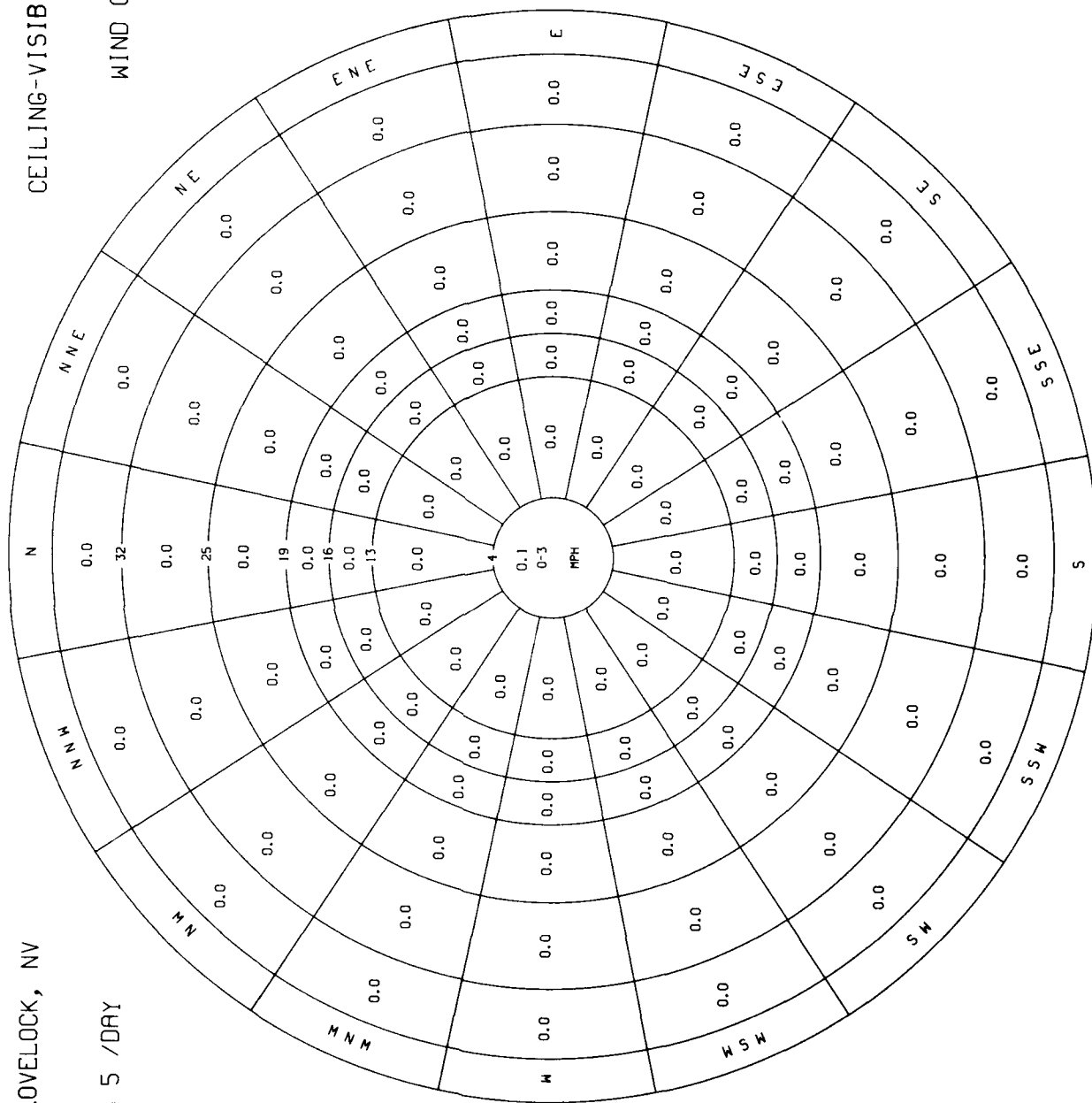
NO. OBS.: 112

STATION NUMBER: 24172

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
N	.0	.9	.0	.9	.0	.9	.0	.9	.0	1.8	.0	.0	.0	.0	.0	4.5	12.8
NNE	.0	.0	.0	4.5	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	6.3	10.2
NE	.0	.9	.0	3.6	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	5.4	8.0
ENE	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.0
E	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	4.5	13.0
ESE	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	3.6	10.5
SE	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7
SSE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	10.0
S	.0	.0	.0	2.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.9	.0	4.5	15.6
SSW	.0	.9	.0	1.8	.0	.9	.0	.9	.0	1.8	.0	1.8	.0	.9	.0	8.9	17.6
SW	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.5
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	.9	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.0	.0	2.7	16.0
NW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
NNW	.0	.9	.0	.9	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	2.7	9.0
CALM	.1	48.2													.1	48.2	
TOTAL	.2	59.8	.1	22.3	.0	2.7	.0	3.6	.0	6.3	.0	2.7	.0	2.7	.3	100	5.9

LOL LOVELOCK, NV

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LOL LOVELOCK, NV

CLASS 5 / DAY

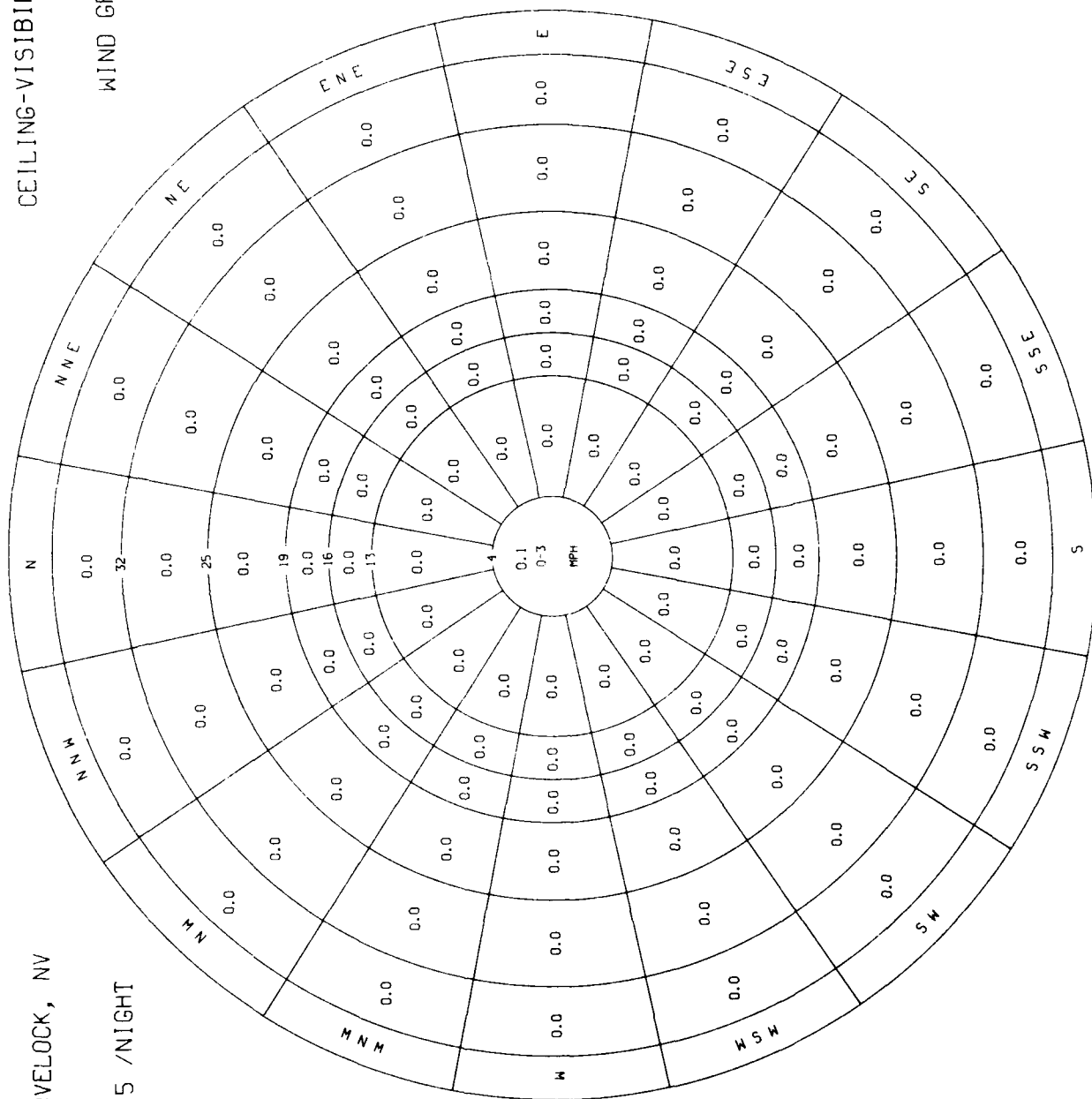
NO. OBS.: 79

STATION NUMBER: 24172

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	
N	.0	.0	.0	1.3	.0	.0	.0	.0	.0	1.3	.0	1.3	.0	1.3	.0 5.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0 1.3
NE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0 .0
SE	.0	1.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0 5.1
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.0	.0	.0	.0	.0 2.5
S	.0	1.3	.0	1.3	.0	.0	.0	1.3	.0	2.5	.0	.0	.0	.0	.0 8.9
SSW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	1.3	.0	1.3	.0	.0	.0 7.6
SW	.0	1.3	.0	.0	.0	.0	.0	1.3	.0	.0	.0	1.3	.0	.0	.0 6.3
WSW	.0	.0	.0	2.5	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0 6.3
W	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0 1.3
NW	.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
CALM	.1	50.6													.1 50.6
TOTAL	.1	60.8	.0	8.9	.0	.0	.0	3.8	.0	8.9	.0	7.6	.0	10.1	.2 100

CEILING-VISIBILITY

WIND GRAPH



LOL LOVELOCK, NV

CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LOL LOVELOCK, NV

PERIOD: 1949-1978

CLASS 5 / NIGHT

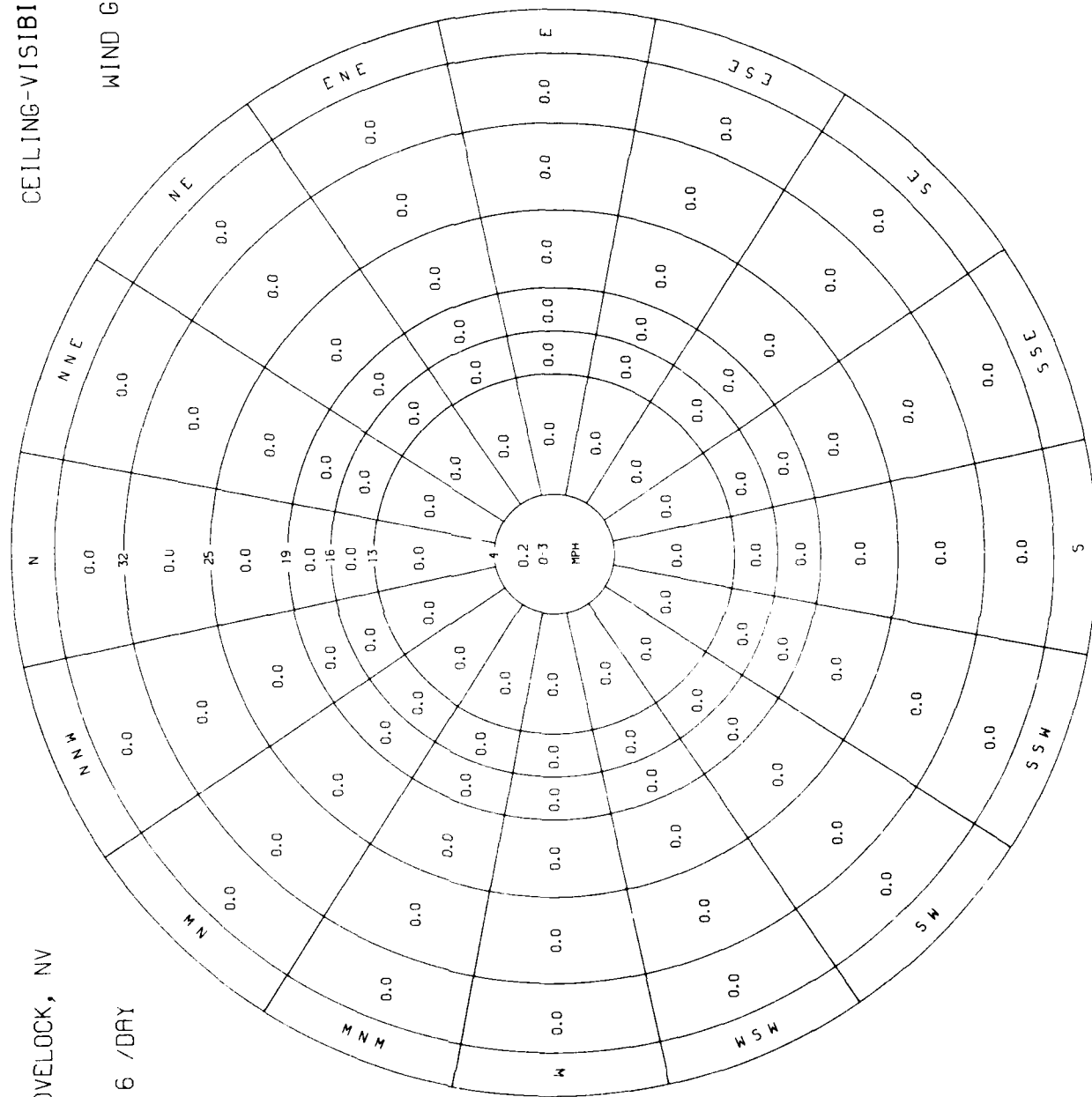
STATION NUMBER: 24172

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
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NNE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	1.7
ENE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
E	.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
SE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	1.7	.0	1.7	5.0
SSW	.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	1.7	.0	1.7	.0	.0	24.0
WSW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
WNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	1.7	.0	1.7	.0	.0	19.0
NW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NNW	.0	3.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	1.7	.0	.0	10.0
CALM	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
TOTAL	.1	74.1	.0	12.1	.0	.0	.0	.0	.0	3.4	.0	8.6	.0	1.7	4.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: COL LOVELOCK, NV

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 24172

NO. OBS.: 154

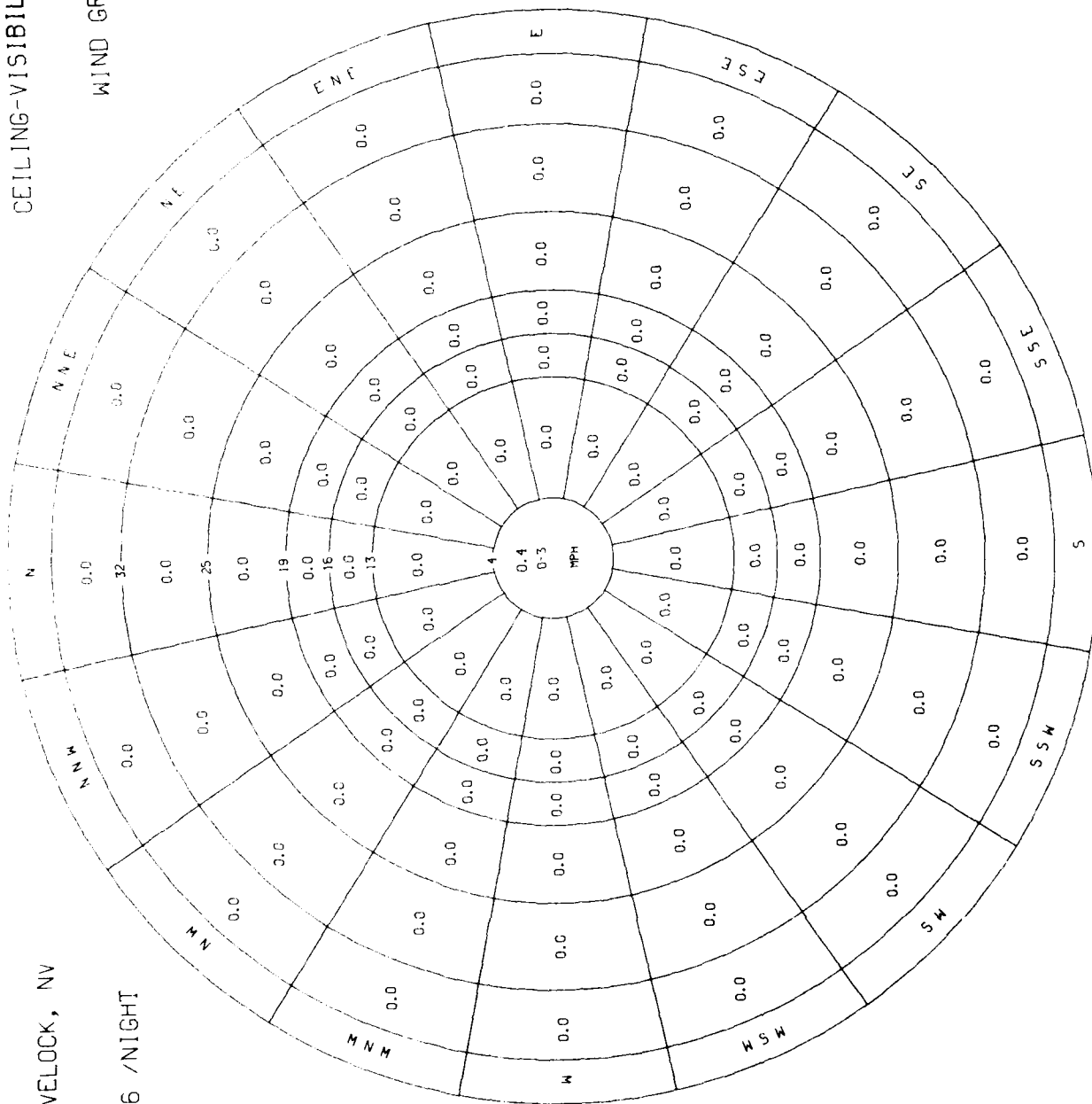
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	1.9	12.3
NNE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.5
NE	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.3
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.8
ESE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.5
SE	.0	1.3	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.6
SSE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
S	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	3.2	28.4
SSW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	9.1	33.2
SW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	29.3
WSW	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.6	.0	1.3	.0	.0	.0	.0	5.8	19.1
W	.0	.6	.0	.6	.0	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	1.9	9.0
WNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	23.3
NW	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.6	.0	1.3	.0	.6	.0	.0	3.9	23.2
NNW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
CALM	.2	54.5														.2	54.5	
TOTAL	.2	66.9	.0	11.7	.0	.0	.0	.0	.0	4.5	.0	4.5	.0	12.3	.3	100		8.6

CEILING-VISIBILITY

WIND GRAPH

LOL LOVELOCK, NV

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LOR COVERDOCK, NV

CLASS 6 / NIGHT

NO. OBS.: 213

STATION NUMBER: 24172

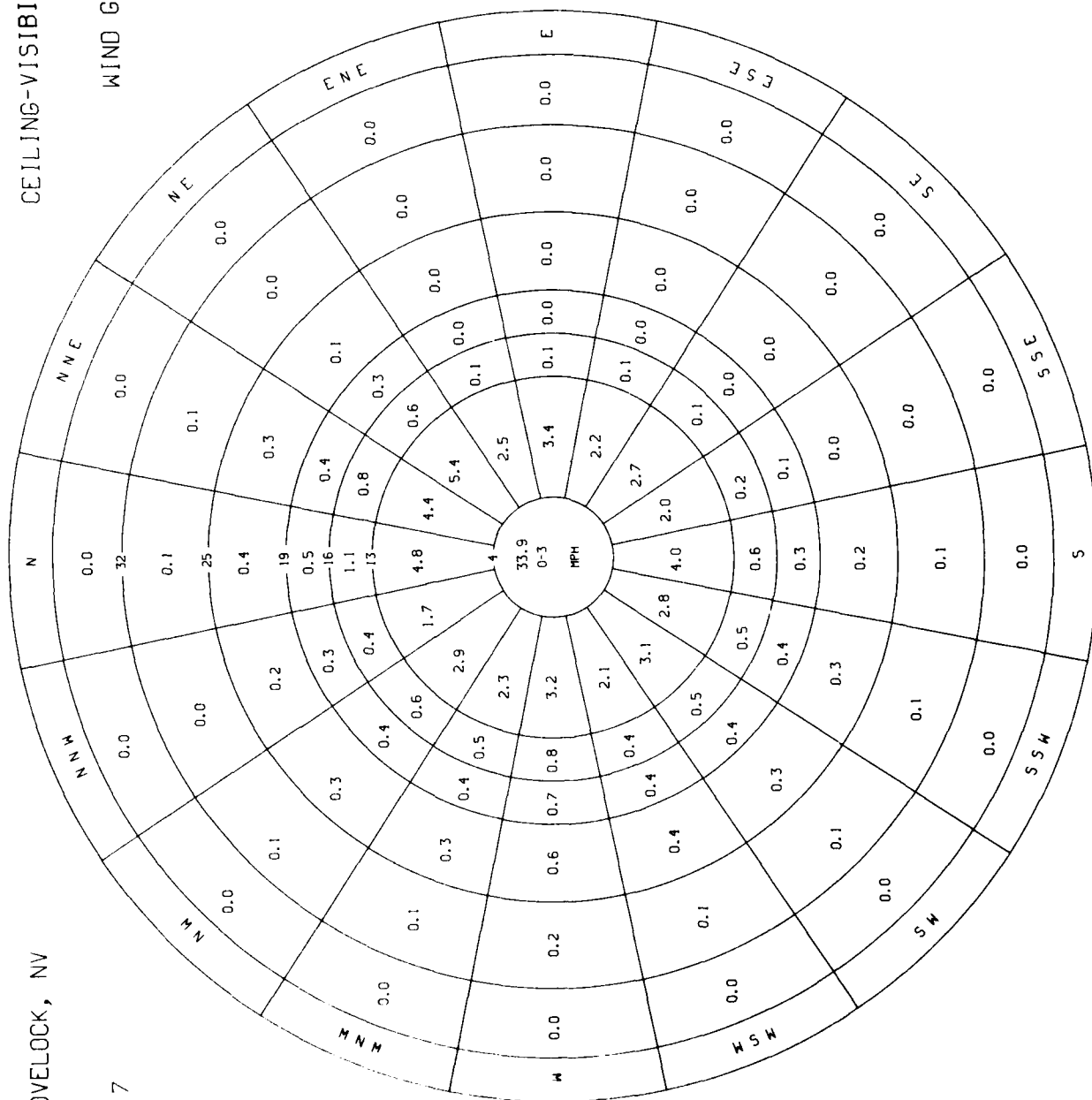
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.3	
NNE	.0	1.4	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.0	
NE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0	
ENE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0	
E	.0	.9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.4	
ESE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.5	
SE	.0	1.4	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.9	
SSE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0	
S	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	.0	.5	2.8	13.7	
SSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.5	
SW	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.7	
WSW	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	4.7	8.9	
W	.0	2.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.0	
WNW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	24.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.4	68.5											.0	1.4	.9		
TOTAL	.4	81.7	.1	15.0	.0	.5	.0	.0	.0	.5	.0	1.4	.0	.9	.5	100	

CEILING-VISIBILITY

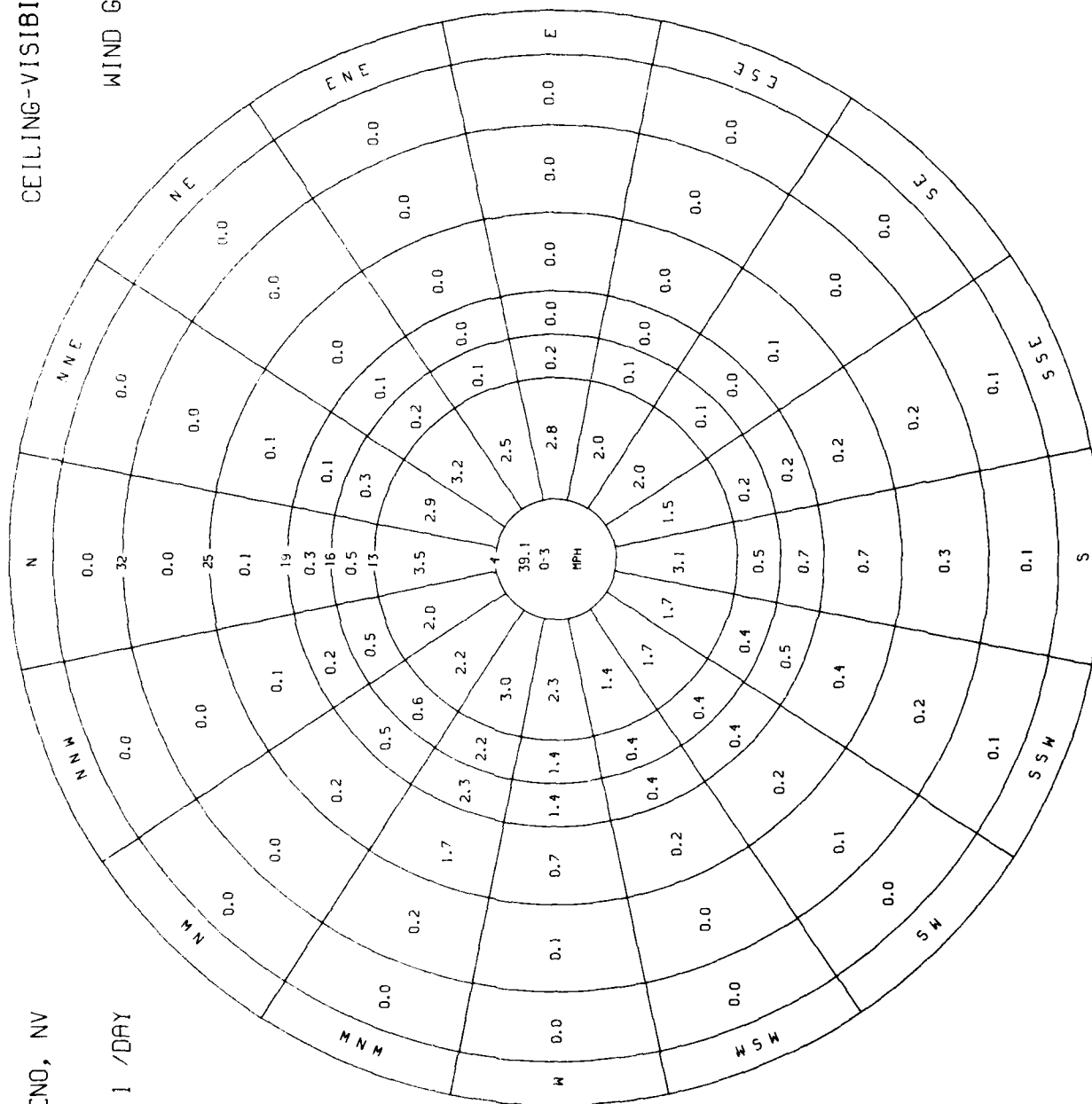
WIND GRAPH

LOL LOVELOCK, NV

CLASS 7



CEILING-VISIBILITY WIND GRAPH



RNO RENO, NV
CLASS 1 /DAY

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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 23185

NO. OBS.: 48432

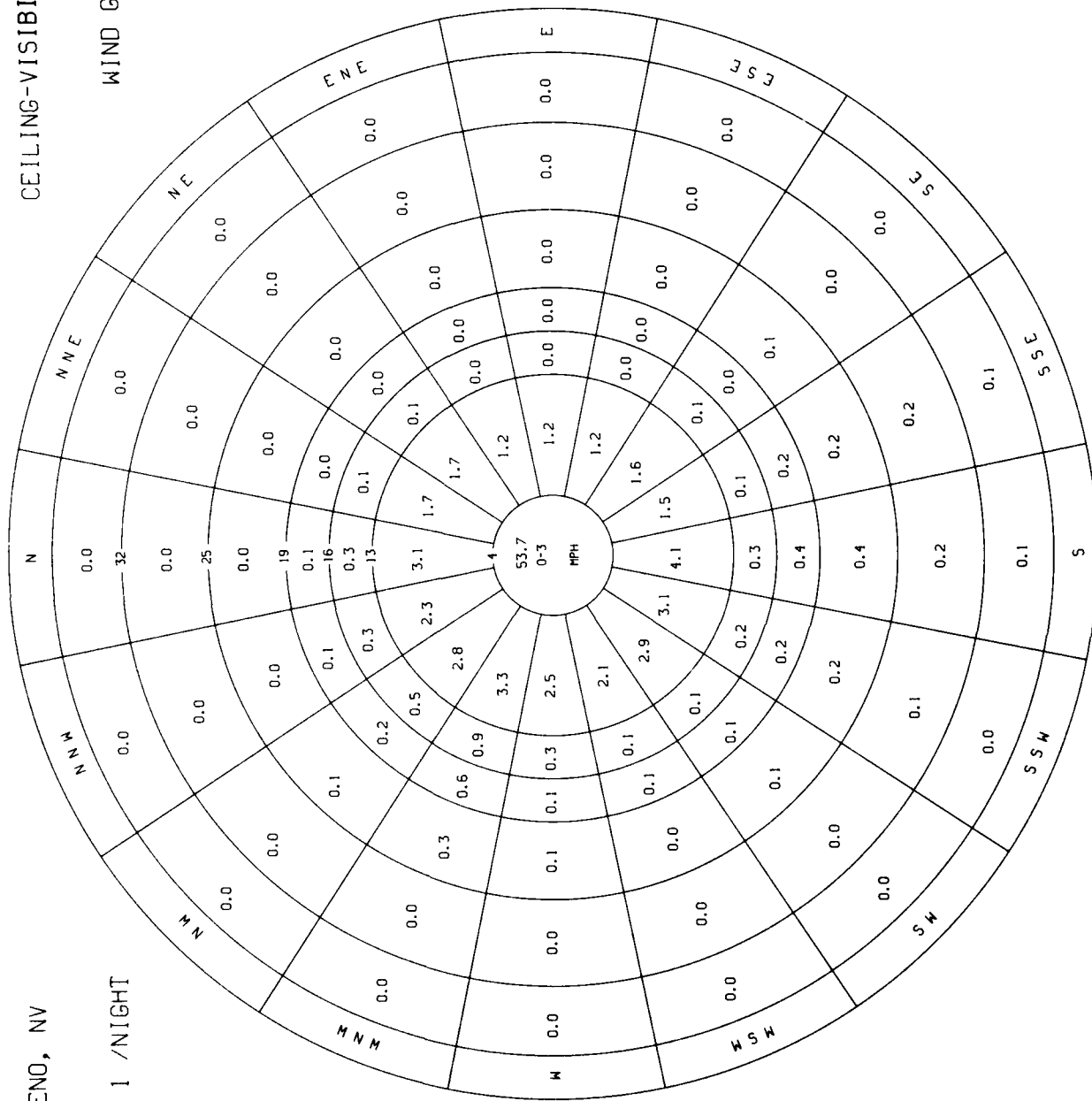
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.7	1.7	3.5	3.6	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	6.2 6.3
NNE	1.4	1.4	2.9	2.9	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	4.7 4.8
NE	1.8	1.9	3.2	3.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.3 5.4
ENE	1.3	1.3	2.5	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9 4.0
E	1.7	1.8	2.8	2.9	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.8 4.9
ESE	1.6	1.6	2.0	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.7 3.8
SE	2.1	2.2	2.0	2.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	4.3 4.4
SSE	1.6	1.6	1.5	1.5	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	3.8 3.9
S	2.6	2.6	3.1	3.2	.5	.6	.7	.7	.7	.7	.3	.3	.1	.1	8.0 8.2
SSW	1.4	1.4	1.7	1.7	.4	.4	.5	.5	.4	.4	.2	.2	.1	.1	4.6 4.7
SW	1.5	1.5	1.7	1.8	.4	.4	.4	.4	.2	.2	.1	.1	.0	.0	4.3 4.4
WSW	.8	.8	1.4	1.4	.4	.4	.4	.4	.2	.2	.0	.0	.0	.0	3.3 3.4
W	1.0	1.0	2.3	2.3	1.4	1.4	1.4	1.5	.7	.8	.1	.1	.0	.0	6.9 7.1
WNW	.9	.9	3.0	3.0	2.2	2.2	2.3	2.4	1.7	1.7	.2	.2	.0	.0	10.2 10.4
NW	1.2	1.2	2.2	2.2	.6	.7	.5	.5	.2	.2	.0	.0	.0	.0	4.8 4.9
NNW	1.0	1.0	2.0	2.0	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.8 3.9
CALM	15.5	15.7													15.5 15.7
TOTAL	39.1	39.8	37.6	38.3	7.9	8.1	7.2	7.4	4.9	5.0	1.2	1.2	.3	.3	98.2 100

CEILING-VISIBILITY

WIND GRAPH

RNO RENO, NV

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 23185

NO. OBS.: 37489

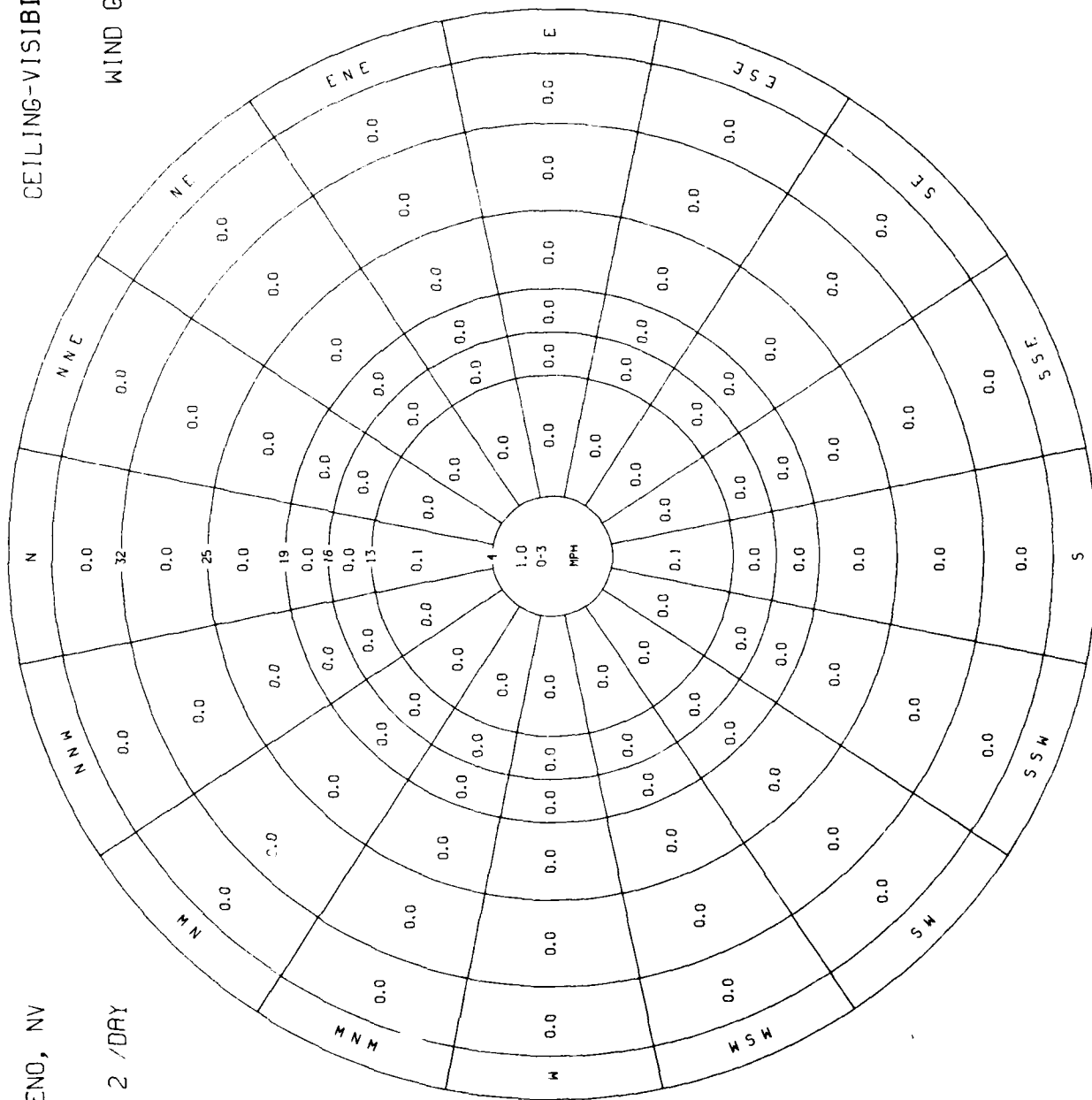
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	1.2	1.2	3.1	3.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.8	6.9
NNE	.8	.8	1.7	1.8	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7	6.1
NE	1.0	1.0	1.7	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	2.9	5.8
ENE	.7	.7	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	1.9	5.5
E	.9	.9	1.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2	4.9
ESE	1.2	1.2	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4	4.5
SE	1.8	1.9	1.6	1.6	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	3.6	3.7	5.2
SSE	1.6	1.6	1.5	1.5	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	3.8	3.9	7.7
S	3.8	3.9	4.1	4.2	.3	.3	.4	.4	.4	.4	.2	.2	.1	.1	.1	.1	9.3	9.5	6.9
SSW	3.2	3.3	3.1	3.2	.2	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	7.0	7.2	5.8
SW	3.8	3.9	2.9	3.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	7.0	7.2	4.8
WSW	2.1	2.1	2.1	2.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.5	5.2
W	2.0	2.0	2.5	2.6	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.1	5.2	6.5
WNW	1.7	1.7	3.3	3.4	.9	.9	.6	.6	.3	.3	.0	.0	.0	.0	.0	.0	6.7	6.9	8.7
NW	1.4	1.4	2.8	2.9	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.0	5.1	7.4
NNW	.9	.9	2.3	2.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.7	7.2
CALM	25.6	26.2															25.6	26.2	
TOTAL	53.7	54.8	36.3	37.1	3.3	3.4	2.2	2.2	1.5	1.5	.7	.7	.2	.2	.2	.2	97.8	100	4.7

CEILING-VISIBILITY

WIND GRAPH

RNO RENO, NV

CLASS 2 /DRY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 2 / DAY

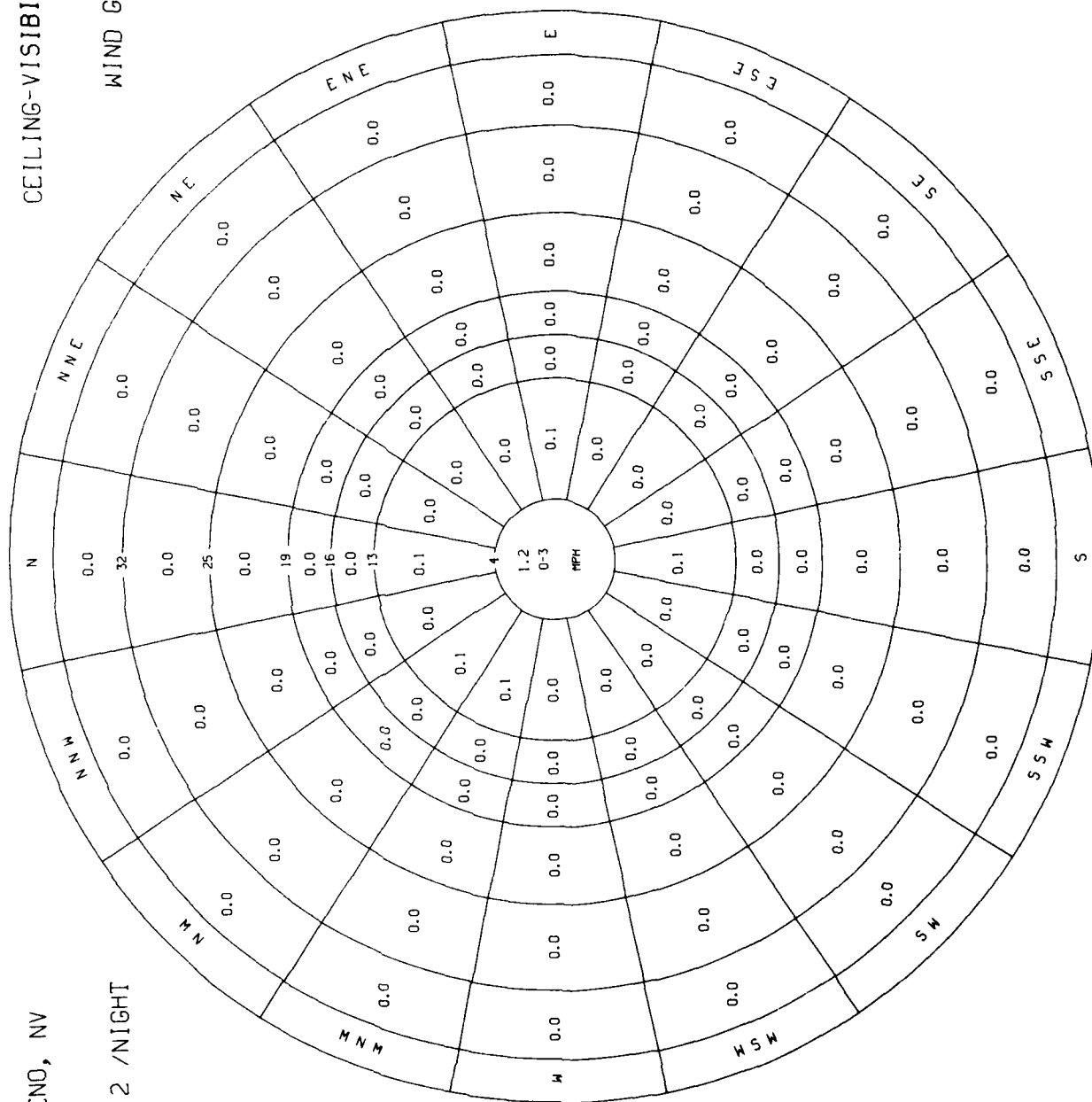
STATION NUMBER: 23185

NO. OBS.: 867

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	
N	.0	2.3	.1	3.1	.0	.6	.0	.2	.0	.3	.0	.0	.0	.0	.1 6.6
NNE	.0	1.4	.0	1.5	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 3.2
NE	.0	2.0	.0	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.8
ENE	.0	.9	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
E	.0	2.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
ESE	.0	2.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
SE	.0	2.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
SSE	.0	2.3	.0	2.2	.0	.0	.0	.2	.0	.1	.0	.0	.0	.0	.1 4.8
S	.1	3.8	.1	3.3	.0	.3	.0	.6	.0	.7	.0	.2	.0	.0	.2 9.0
SSW	.0	2.0	.0	2.1	.0	.3	.0	.6	.0	.3	.0	.1	.0	.0	.1 5.4
SW	.0	1.7	.0	1.5	.0	.1	.0	.1	.0	.0	.0	.2	.0	.0	.1 3.7
WSW	.0	.9	.0	1.2	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.0 2.5
W	.0	1.4	.0	1.3	.0	.1	.0	.6	.0	.3	.0	.0	.0	.1	.1 3.8
WNW	.0	1.2	.0	1.6	.0	.2	.0	.6	.0	.3	.0	.0	.0	.0	.1 3.9
NW	.0	1.6	.0	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.1 4.4
NNW	.0	1.8	.0	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
CALM	.5	29.4													.5 29.4
TOTAL	1.0	59.6	.5	31.1	.0	2.8	.1	3.3	.0	2.3	.0	.7	.0	.1	1.8 100
															4.6

RNO RENO, NV

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: RND RENO, NV

CLASS 2 / NIGHT

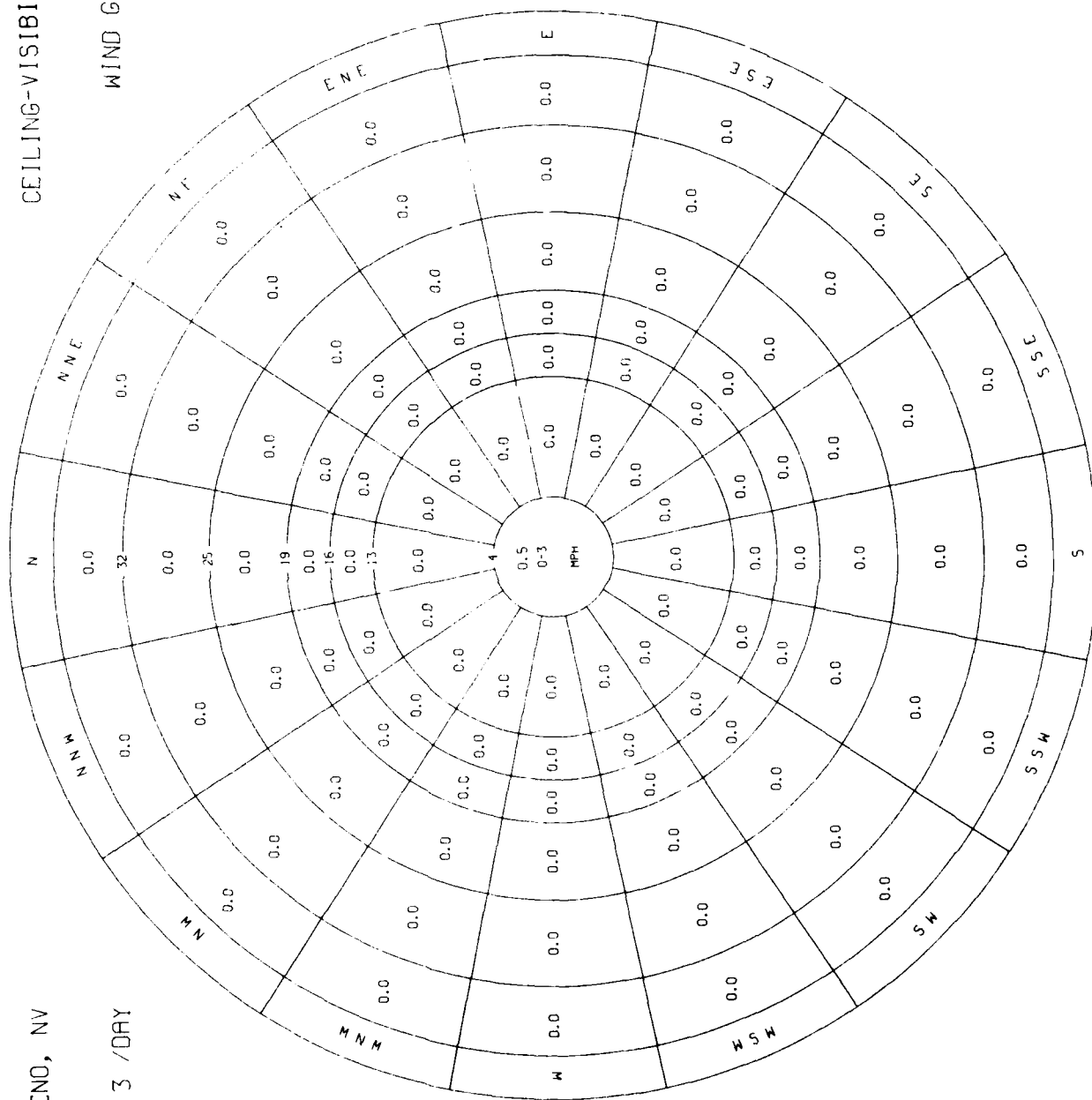
NO. OBS.: 825

STATION NUMBER: 23185

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	1.5	.1	4.7	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.1	6.9	7.3
NNE	.0	2.1	.0	1.9	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.1	4.6	6.2
NE	.0	2.1	.0	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	4.8
ENE	.0	.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.9
E	.0	1.8	.1	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	5.2
ESE	.0	1.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	4.1
SE	.0	1.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	4.0
SSE	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	3.5
S	.0	2.1	.1	3.9	.0	1.1	.0	1.1	.0	1.1	.0	.6	.0	.1	.2	9.9	11.2
SSW	.0	1.8	.0	2.1	.0	.4	.0	.5	.0	.5	.0	.2	.0	.0	.1	5.5	9.1
SW	.0	1.3	.0	1.7	.0	.2	.0	.2	.0	.1	.0	.1	.0	.1	.1	3.9	7.9
WSW	.0	.7	.0	.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.8	6.1
W	.0	1.1	.0	2.3	.0	.2	.0	.2	.0	.4	.0	.1	.0	.0	.1	4.4	8.6
WNW	.0	1.0	.1	2.4	.0	.6	.0	.2	.0	.4	.0	.2	.0	.0	.1	4.8	10.2
NW	.0	1.2	.1	2.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1	4.1	7.0
NNW	.0	.8	.0	1.9	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	.1	3.4	8.9
CALM	.7	30.9													.7	30.9	
TOTAL	1.2	55.0	.7	33.0	.1	4.7	.1	2.7	.1	3.0	.0	1.3	.0	.2	2.2	100	5.2

WIND GRAPH

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: PUG SOUND, NV

CLASS 3 / DAY

NO. OBS.: 503

STATION NUMBER: 23125

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	
N	.0	2.2	.0	3.8	.0	.6	.0	.2	.0	.2	.0	.0	.0	.0	.1 7.0
NNE	.0	.8	.0	1.6	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0 3.0
NNE	.0	2.6	.0	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
ENE	.0	1.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
E	.0	2.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.0
ESE	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
SE	.0	1.2	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SSE	.0	2.6	.0	2.4	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.1 5.4
S	.0	3.0	.0	3.8	.0	.6	.0	.8	.0	1.0	.0	.2	.0	.0	.1 9.3
SSW	.0	2.2	.0	2.0	.0	.6	.0	1.0	.0	.4	.0	.2	.0	.0	.1 6.4
SW	.0	1.4	.0	2.4	.0	.2	.0	.2	.0	.0	.0	.2	.0	.0	.0 4.4
WSW	.0	1.0	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.0 3.2
W	.0	1.4	.0	1.0	.0	.2	.0	.6	.0	.4	.0	.0	.0	.0	.0 3.6
WNW	.0	1.2	.0	1.4	.0	.4	.0	.8	.0	.6	.0	.0	.0	.0	.0 4.4
NW	.0	1.8	.0	3.6	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1 6.2
NNW	.0	1.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
CALM	.2	23.5													.2 23.5
TOTAL	.5	51.5	.4	36.6	.0	4.0	.0	4.2	.0	3.0	.0	.8	.0	.0	1.0 100
															5.4

AD-A108 170

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

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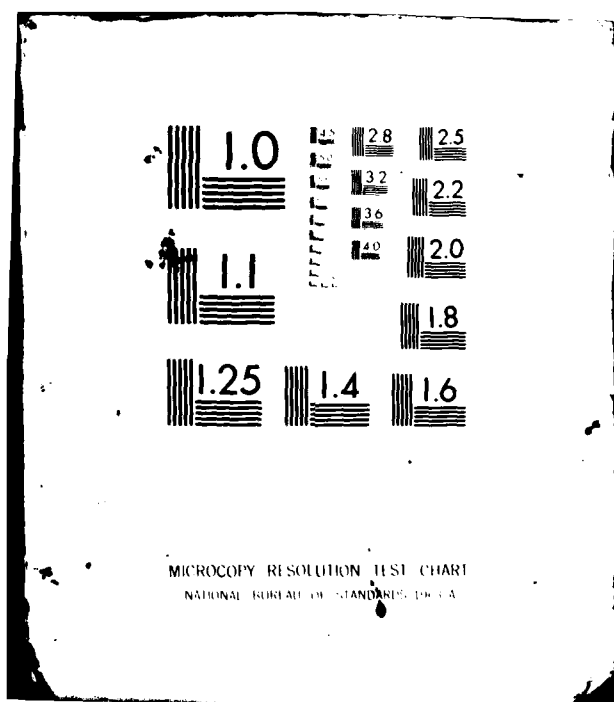
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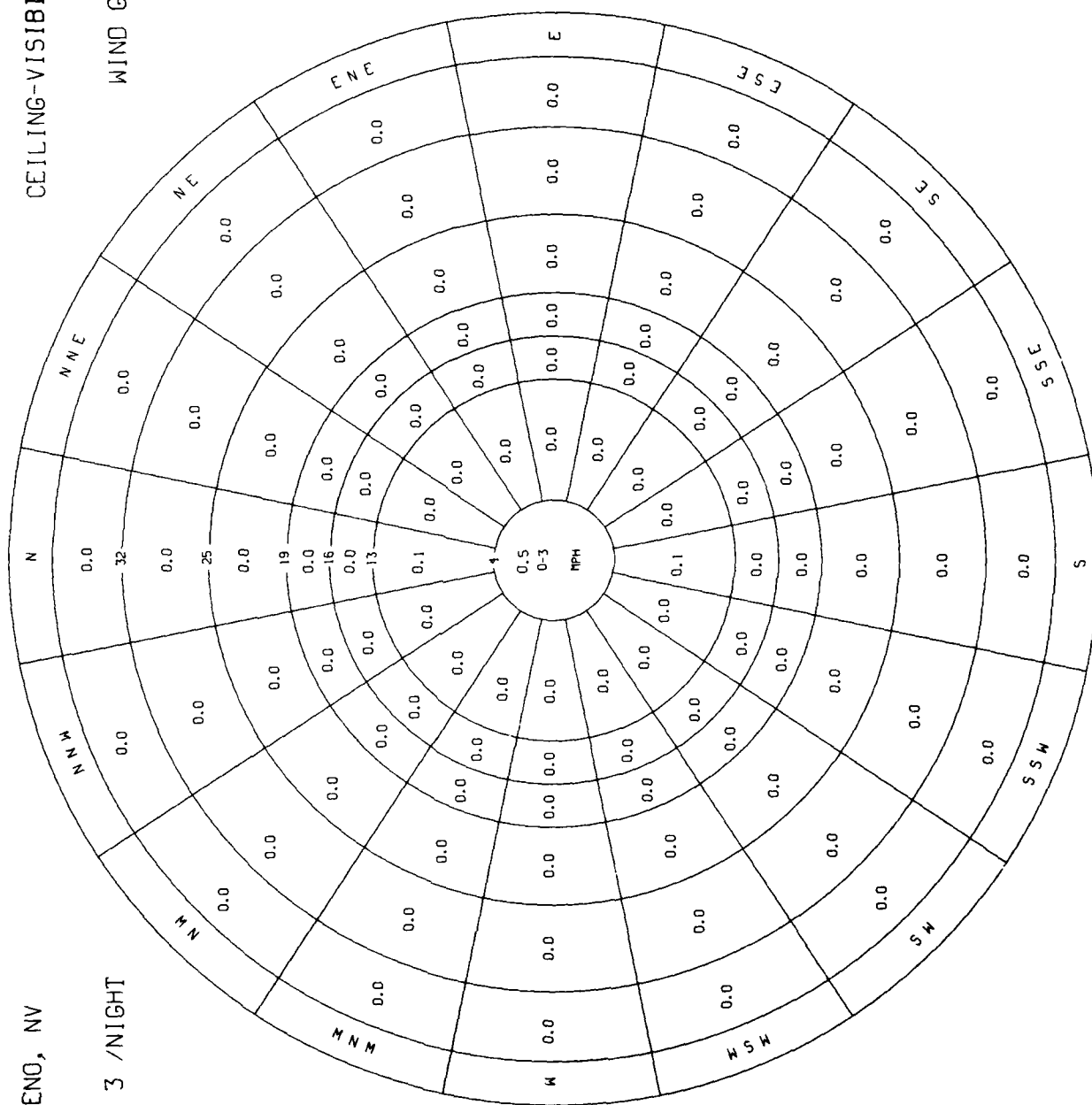
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DTIC



CEILING-VISIBILITY

WIND GRAPH



RNO RENO, NV

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 3 / NIGHT

STATION NUMBER: 23185

NO. OBS.: 495

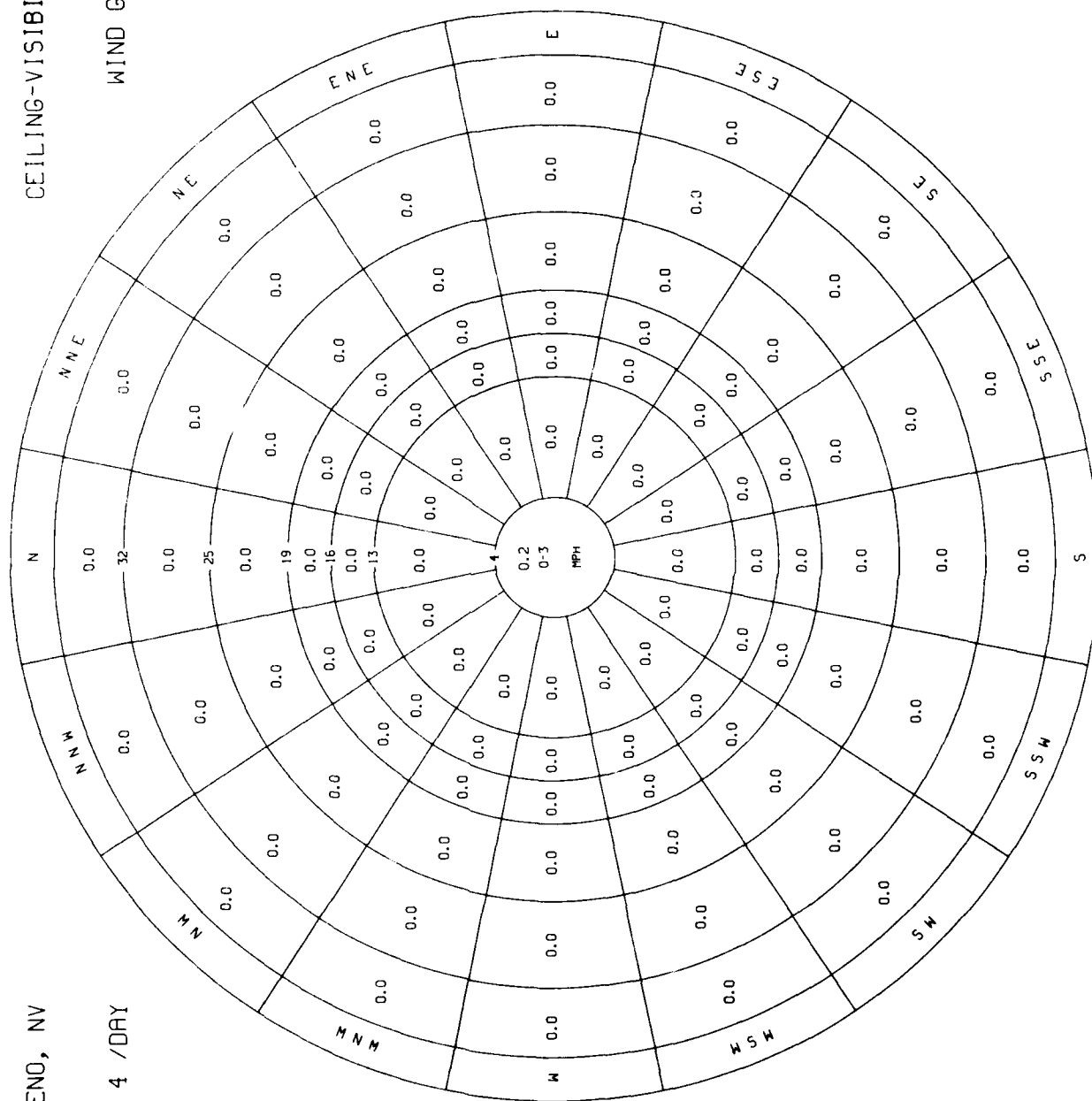
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.0	.1	6.7	.0	.4	.0	.0	.0	.2	.0	.0	.0	.0	.1	8.3	7.5
NNE	.0	2.2	.0	2.4	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1	5.5	6.5
NE	.0	1.4	.0	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.6
ENE	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.4
E	.0	1.4	.0	3.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	5.7
ESE	.0	1.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.6
SE	.0	1.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.7
SSE	.0	1.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.0
S	.0	2.2	.1	4.8	.0	1.6	.0	1.4	.0	1.6	.0	1.0	.0	.2	.2	12.9	12.4
SSW	.0	.8	.0	2.2	.0	.6	.0	.6	.0	.6	.0	.2	.0	.0	.1	5.1	11.3
SW	.0	1.4	.0	1.6	.0	.4	.0	.4	.0	.2	.0	.2	.0	.2	.1	4.4	9.3
WSW	.0	.2	.0	.4	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.2	10.0
W	.0	.8	.0	3.4	.0	.4	.0	.4	.0	.4	.0	.2	.0	.0	.1	5.7	9.4
WNW	.0	1.0	.0	3.0	.0	.6	.0	.4	.0	.4	.0	.0	.0	.0	.1	5.5	9.3
NW	.0	1.2	.0	3.0	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.1	5.1	7.8
NNW	.0	1.2	.0	2.8	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1	4.8	8.9
CALM	.3	22.0													.3	22.0	
TOTAL	.5	42.4	.5	41.4	.1	6.5	.0	3.6	.1	4.0	.0	1.6	.0	.4	1.3	100	6.6

CEILING-VISIBILITY

WIND GRAPH

RNO RENO, NV

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNC RENO, NV

PERIOD: 1949-1978

CLASS 4 / DAY

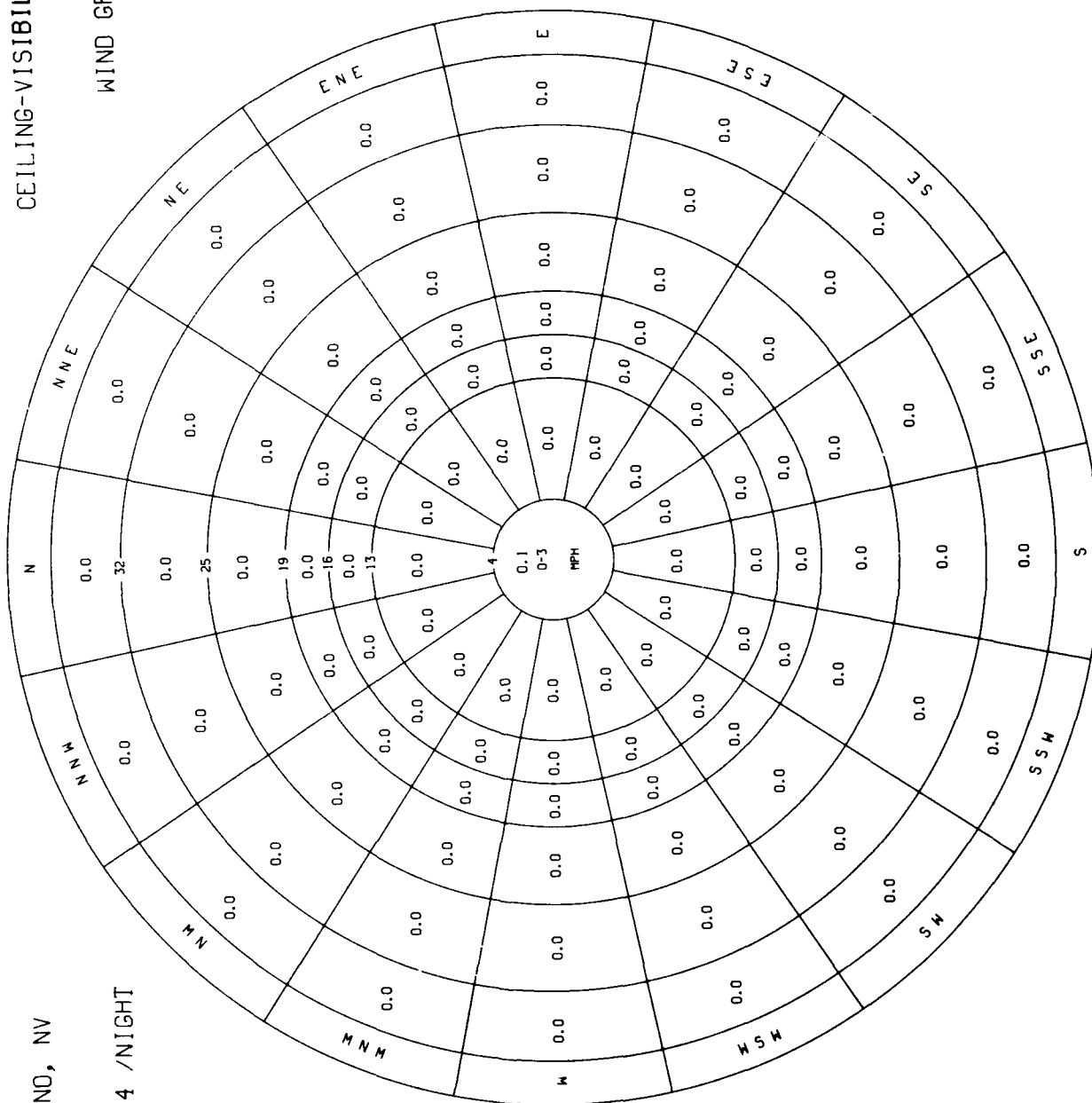
STATION NUMBER: 23185

NO. OBS.: 160

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	4.4	.0	2.5	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	8.1	7.8
NNE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.3
NE	.0	.6	.0	3.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.8
ENE	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.5
E	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.8
ESE	.0	2.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.0
SE	.0	2.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.1
SSE	.0	1.9	.0	1.9	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	4.4	6.0
S	.0	3.1	.0	2.5	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	6.9	9.2
SSW	.0	3.1	.0	3.7	.0	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	7.5	6.3
SW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	1.9	13.7
WSW	.0	1.2	.0	1.2	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	3.1	6.6
W	.0	1.2	.0	1.9	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	4.4	8.6
WNW	.0	1.2	.0	1.2	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	3.1	8.2
NW	.0	.0	.0	.6	.0	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.0	1.2	11.5
NNW	.0	1.9	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.7
CALM	.1	33.1														.1	33.1	
TOTAL	.2	62.5	.1	28.7	.0	1.2	.0	3.7	.0	3.1	.0	.6	.0	.0	.0	.3	100	4.5

CEILING-VISIBILITY

WIND GRAPH



RNO RENO, NV

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 4 / NIGHT

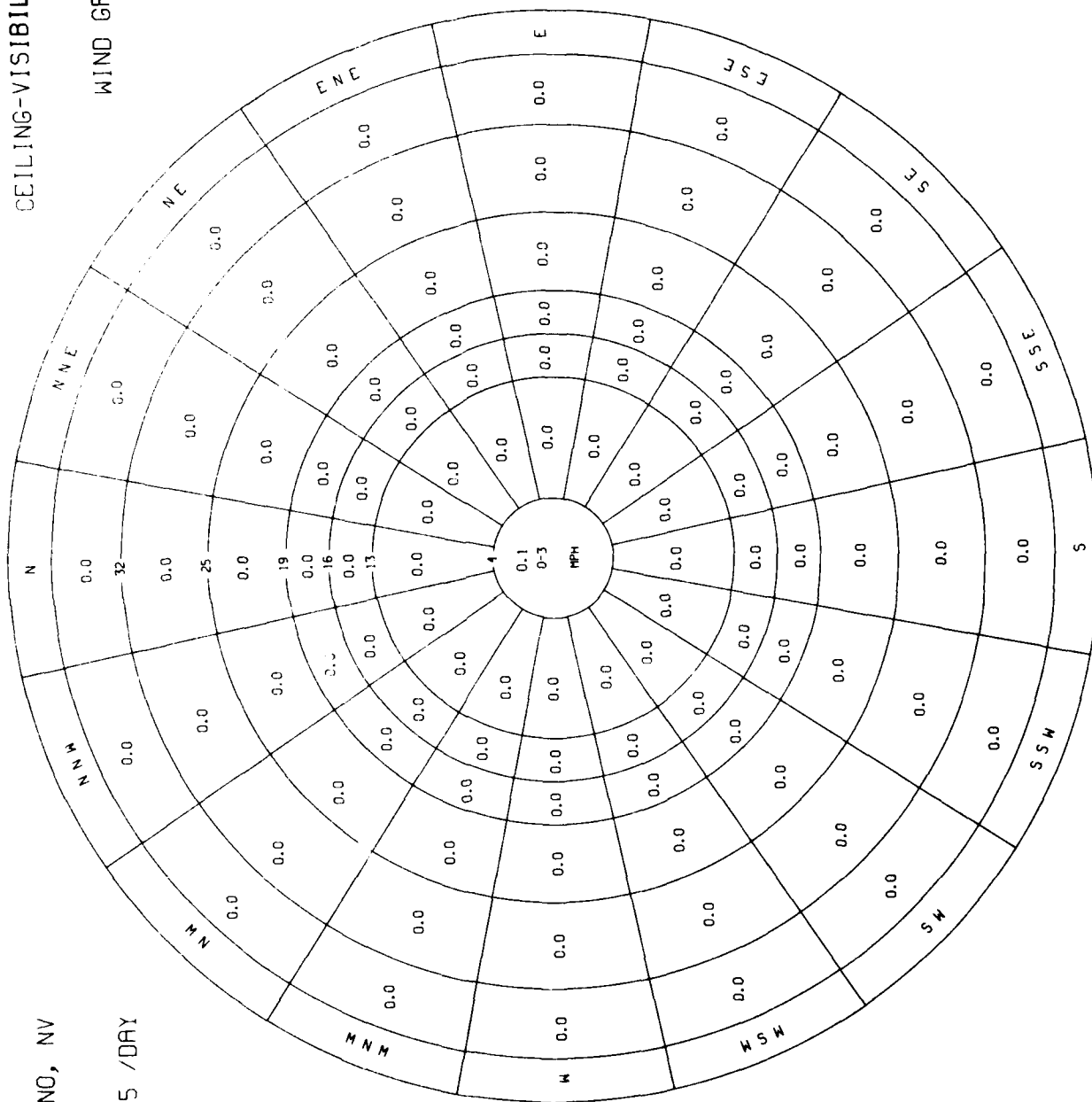
STATION NUMBER: 23185

NO. OBS.: 94

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
N	.0	2.1	.0	1.1	.0	2.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	6.4	10.3
NNE	.0	5.3	.0	2.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	8.5	5.9
NE	.0	3.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.4
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.7
ESE	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	1.5
SE	.0	1.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.3
SSE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
S	.0	2.1	.0	2.1	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	6.4	9.8
SSW	.0	2.1	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	5.3	10.4
SW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.5
WSW	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
W	.0	1.1	.0	2.1	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	4.3	10.0
WNW	.0	.0	.0	1.1	.0	2.1	.0	.0	.0	1.1	.0	2.1	.0	.0	.0	6.4	20.0
NW	.0	1.1	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.7
NNW	.0	.0	.0	2.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	11.0
CALM	.1	36.2													.1	36.2	
TOTAL	.1	57.4	.1	25.5	.0	6.4	.0	3.2	.0	4.3	.0	3.2	.0	.0	.2	100	5.7

RNO RENO, NV

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 5 / DAY

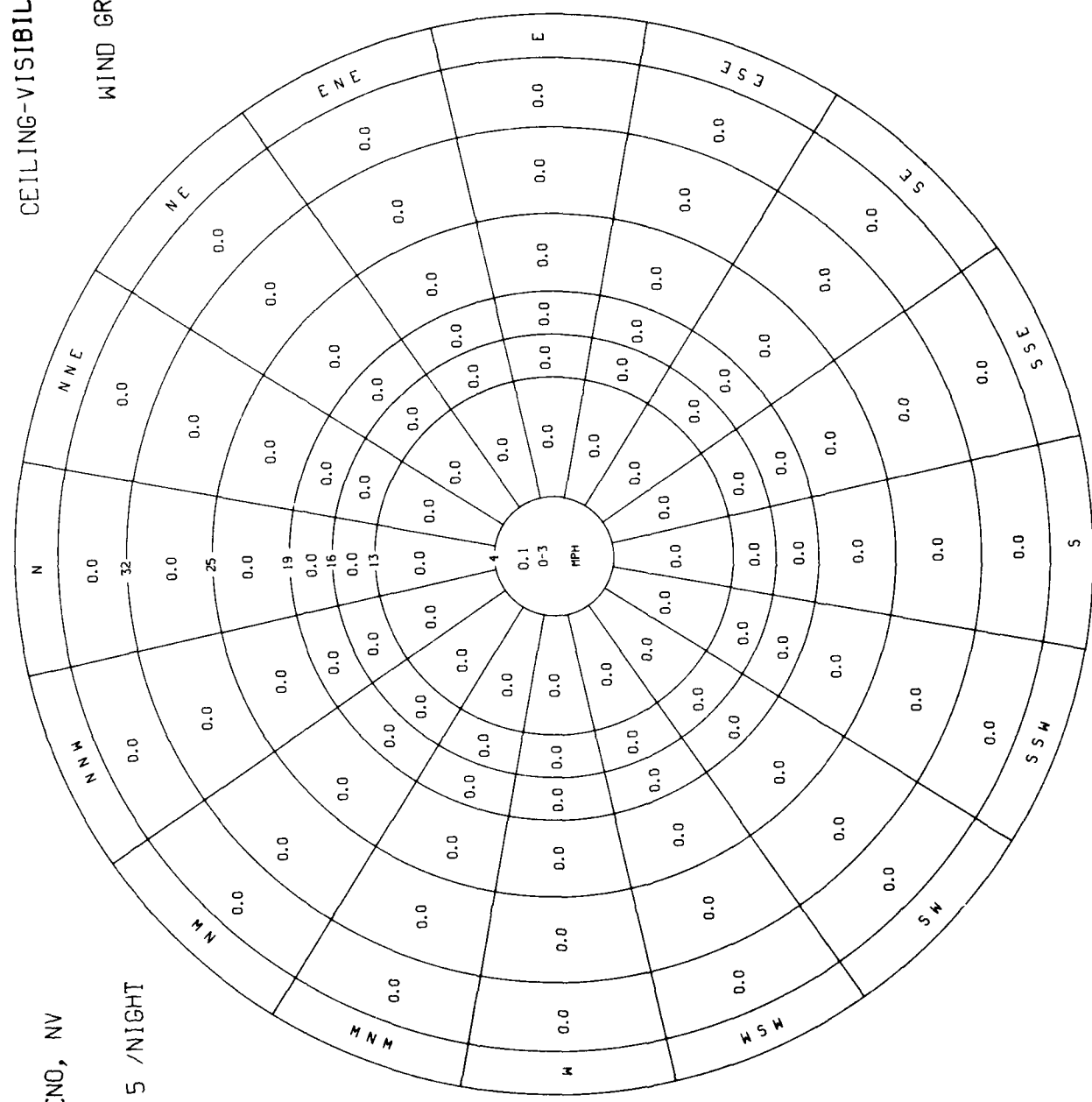
STATION NUMBER: 23185

NO. OBS.: 89

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	3.4	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	7.9	10.6
NNE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.5
NE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	9.5
ENE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.5
E	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	2.2
ESE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.0
SE	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.7
SSE	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.7
S	.0	6.7	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	6.4
SSW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.5
SW	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.0
WSW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
W	.0	2.2	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	5.6	12.4
WNW	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	10.0
NW	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	2.3
NNW	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.3
CALM	.1	34.8													.1	34.8	
TOTAL	.1	67.4	.0	25.8	.0	2.2	.0	2.2	.0	.0	.0	1.1	.0	1.1	.2	100	4.1

CEILING-VISIBILITY

WIND GRAPH



RNO RENO, NV

CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: RNO RENO, NV

CLASS 5 / NIGHT

NO. OBS.: 64

STATION NUMBER: 23185

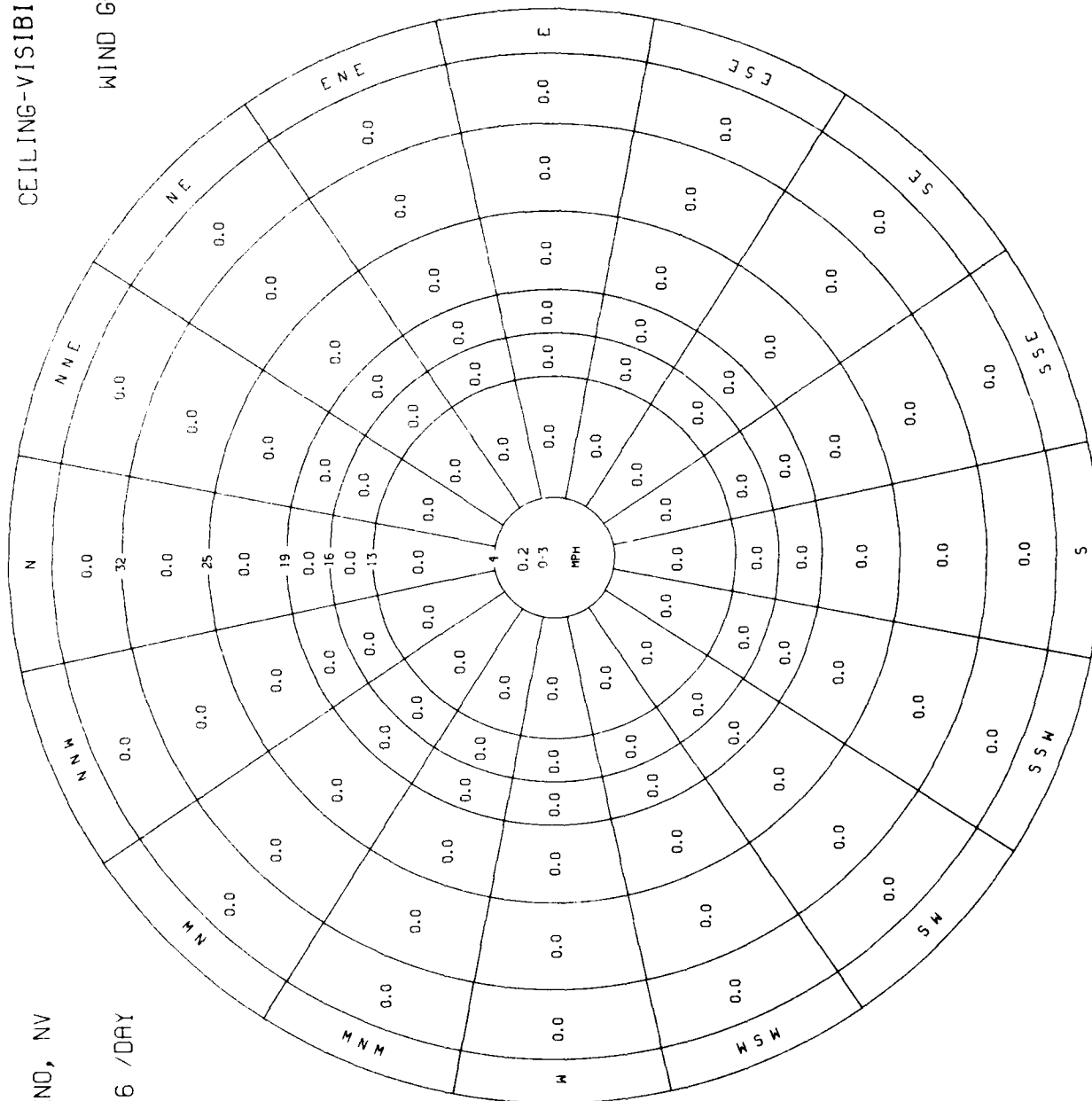
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.3
NNE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.0
NE	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	2.5
ENE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0
E	.0	3.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.0
ESE	.0	3.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.3
SE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
SSE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.0
S	.0	1.6	.0	3.1	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	7.8	8.6
SSW	.0	3.1	.0	1.6	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	6.3	7.7
SW	.0	3.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.0
WSW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.0
W	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0
WNW	.0	1.6	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.3
NW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	46.9														.1	46.9
TOTAL	.1	75.0	.0	20.3	.0	1.6	.0	1.6	.0	1.6	.0	.0	.0	.0	.2	100	2.6

CEILING-VISIBILITY

WIND GRAPH

RNO REND, NV

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 6 / DAY

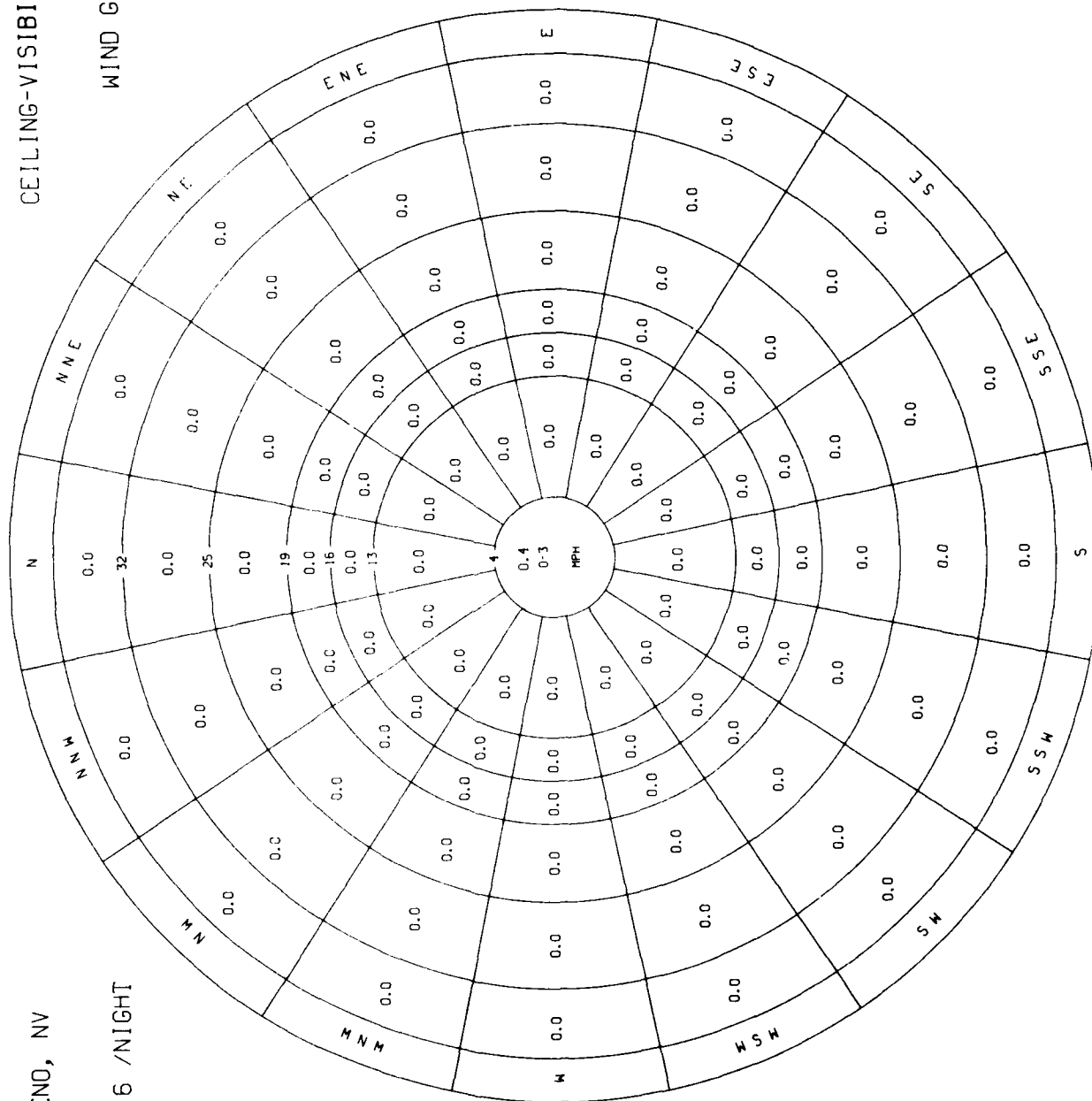
STATION NUMBER: 23185

NO. OBS.: 115

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	
N	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NNE	.0	3.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
NE	.0	2.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
ENE	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
E	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
ESE	.0	2.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
SE	.0	5.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
SSE	.0	1.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
S	.0	6.1	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
SSW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
SW	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
WNW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NW	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NNW	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
CALM	.1	46.1													1 46.1
TOTAL	.2	85.2	.0	14.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RNO RENO, NV

PERIOD: 1949-1978

CLASS 6 / NIGHT

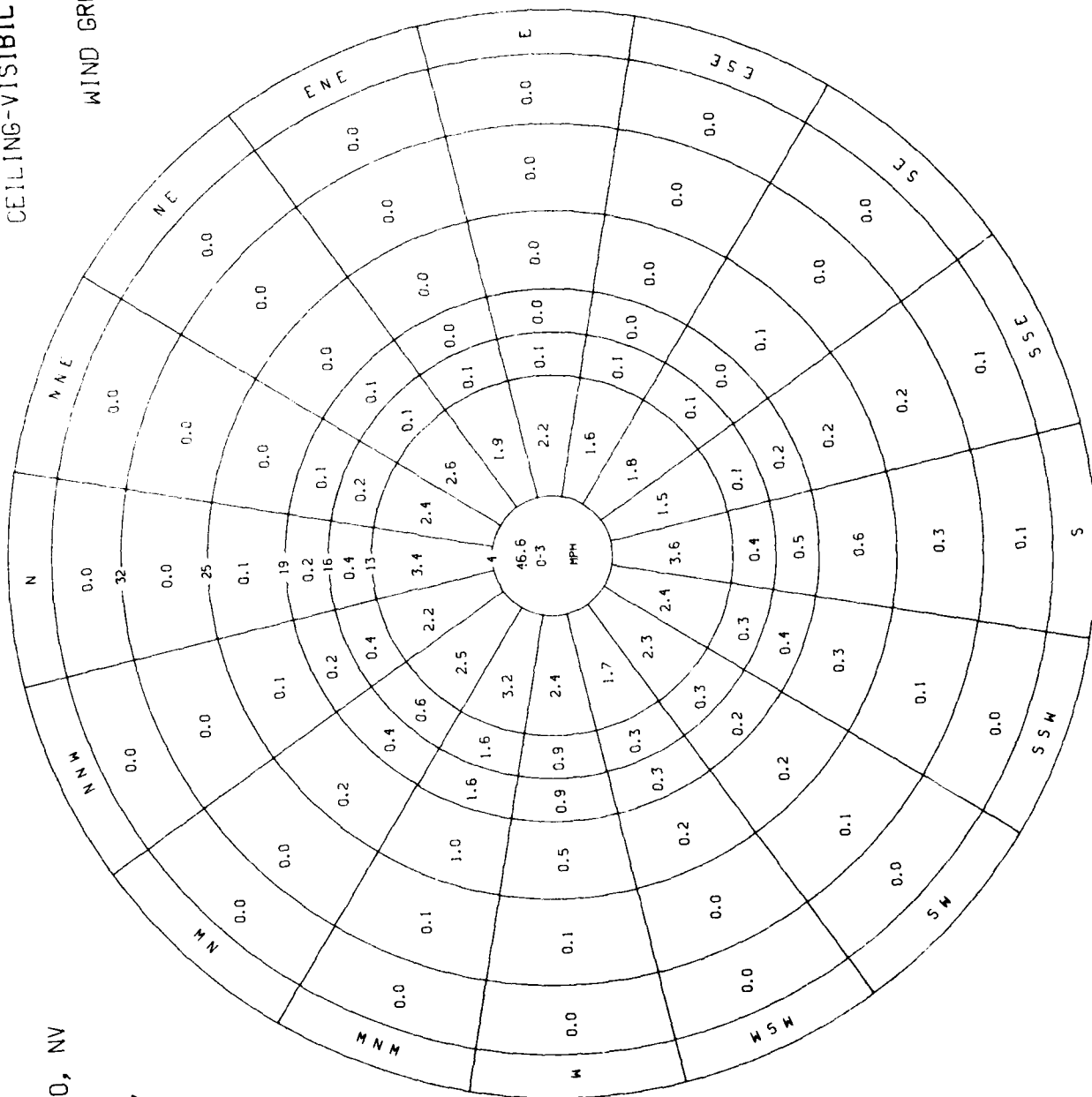
STATION NUMBER: 23185

NO. OBS.: 172

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	
N	.0	2.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
NNE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NE	.0	2.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
ENE	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
E	.0	3.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
ESE	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
SE	.0	2.9	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
SSE	.0	4.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8
S	.0	1.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
SSW	.0	4.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
SW	.0	1.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4
WSW	.0	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
W	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
WNW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NW	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
NNW	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
CALM	.2	47.7													2 47.7
TOTAL	.4	82.6	.1	17.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4 100

WIND GRAPH

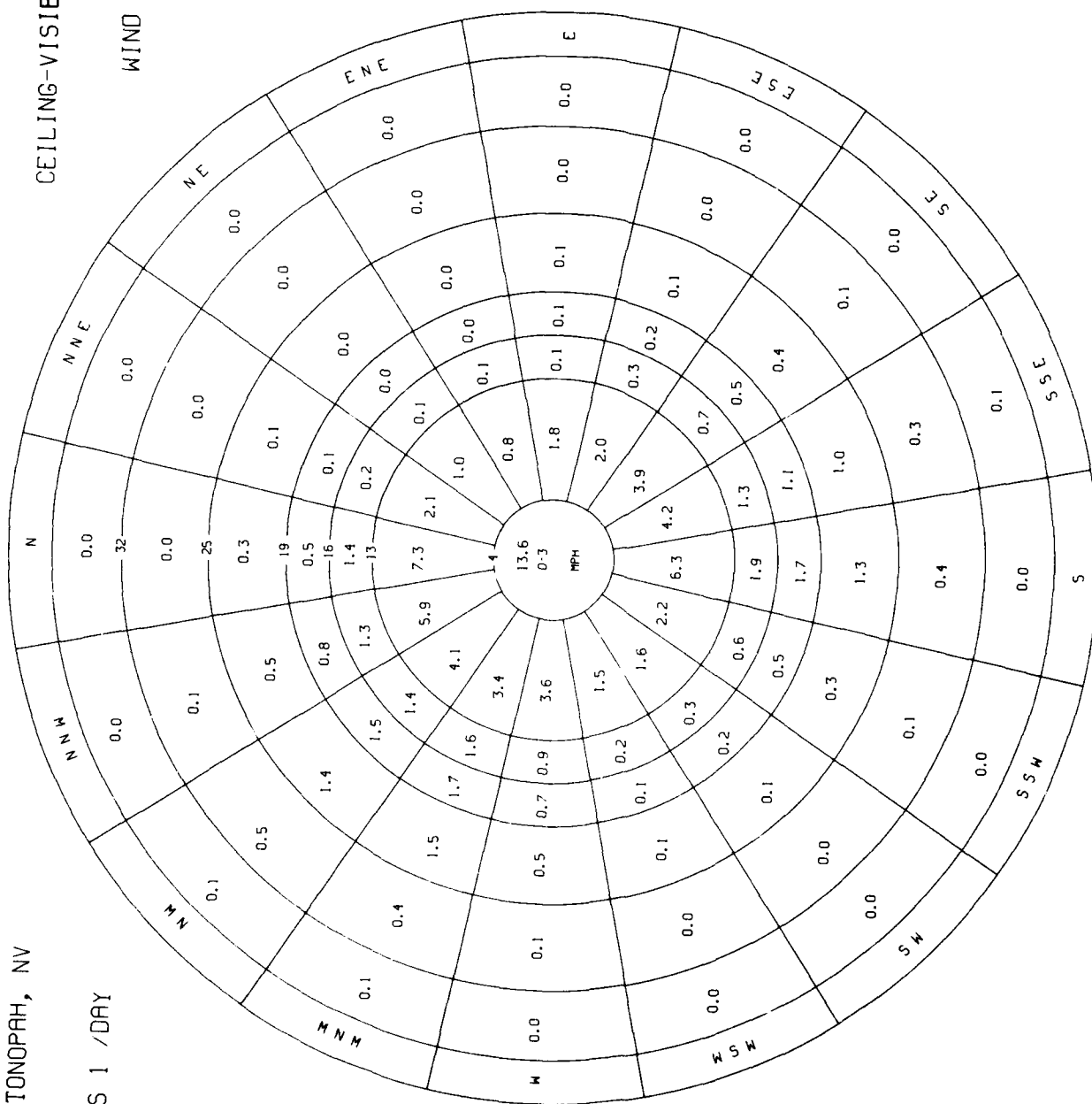
CLASS 7



CEILING-VISIBILITY

CLASS 1 / DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TPH TONOPAH, NV

PERIOD: 1952-1978

CLASS 1 / DAY

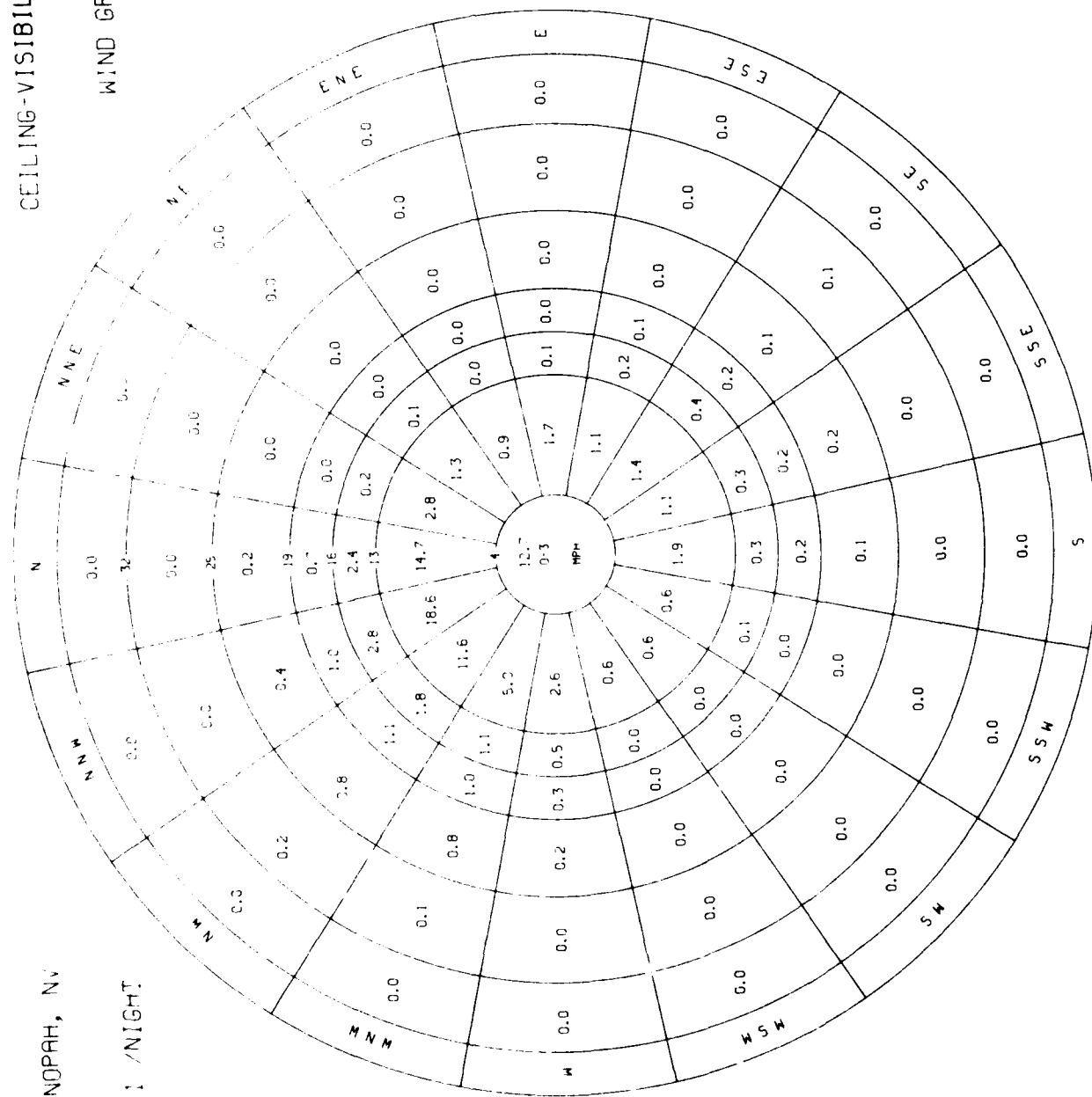
STATION NUMBER: 23153

NO. OBS.: 42699

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	7.3	7.5	1.4	1.4	.5	.6	.3	.3	.0	.0	.0	.0	10.0	10.2	10.2
NNE	.1	.1	2.1	2.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.6	2.7	9.0
NE	.2	.2	1.0	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.4	7.2
ENE	.1	.1	.8	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	8.0
E	.3	.3	1.8	1.9	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	2.4	2.5	7.9
ESE	.2	.2	2.0	2.1	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.8	2.9	9.5
SE	.5	.5	3.9	4.0	.7	.7	.5	.5	.4	.4	.1	.1	.0	.0	6.2	6.3	10.2
SSE	.2	.2	4.2	4.3	1.3	1.3	1.1	1.2	1.0	1.0	.3	.3	.1	.1	8.3	8.4	13.0
S	.3	.4	6.3	6.4	1.9	2.0	1.7	1.7	1.3	1.3	.4	.4	.0	.0	12.0	12.3	12.6
SSW	.1	.1	2.2	2.2	.6	.6	.5	.5	.3	.3	.1	.1	.0	.0	3.7	3.8	11.8
SW	.1	.1	1.6	1.7	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.4	2.5	10.1
WSW	.1	.1	1.5	1.5	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.0	2.1	10.1
W	.2	.2	3.6	3.6	.9	.9	.7	.7	.5	.5	.1	.1	.0	.0	5.9	6.0	11.8
WNW	.1	.1	3.4	3.5	1.6	1.7	1.7	1.7	1.5	1.6	.4	.4	.1	.1	8.9	9.0	14.8
NW	.2	.2	4.1	4.1	1.4	1.4	1.5	1.5	1.4	1.4	.5	.5	.1	.1	9.1	9.3	14.0
NNW	.2	.2	5.9	6.1	1.3	1.3	.8	.9	.5	.5	.1	.1	.0	.0	9.0	9.1	11.2
CALM	10.3	10.5													10.3	10.5	
TOTAL	13.6	13.9	51.9	52.9	12.5	12.7	9.8	10.0	7.7	7.9	2.1	2.1	.4	.4	98.0	100	10.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: IPH TONOPAH, NV

PERIOD: 1952-1978

CLASS 1 / NIGHT

STATION NUMBER: 23153

NO. OBS.: 34645

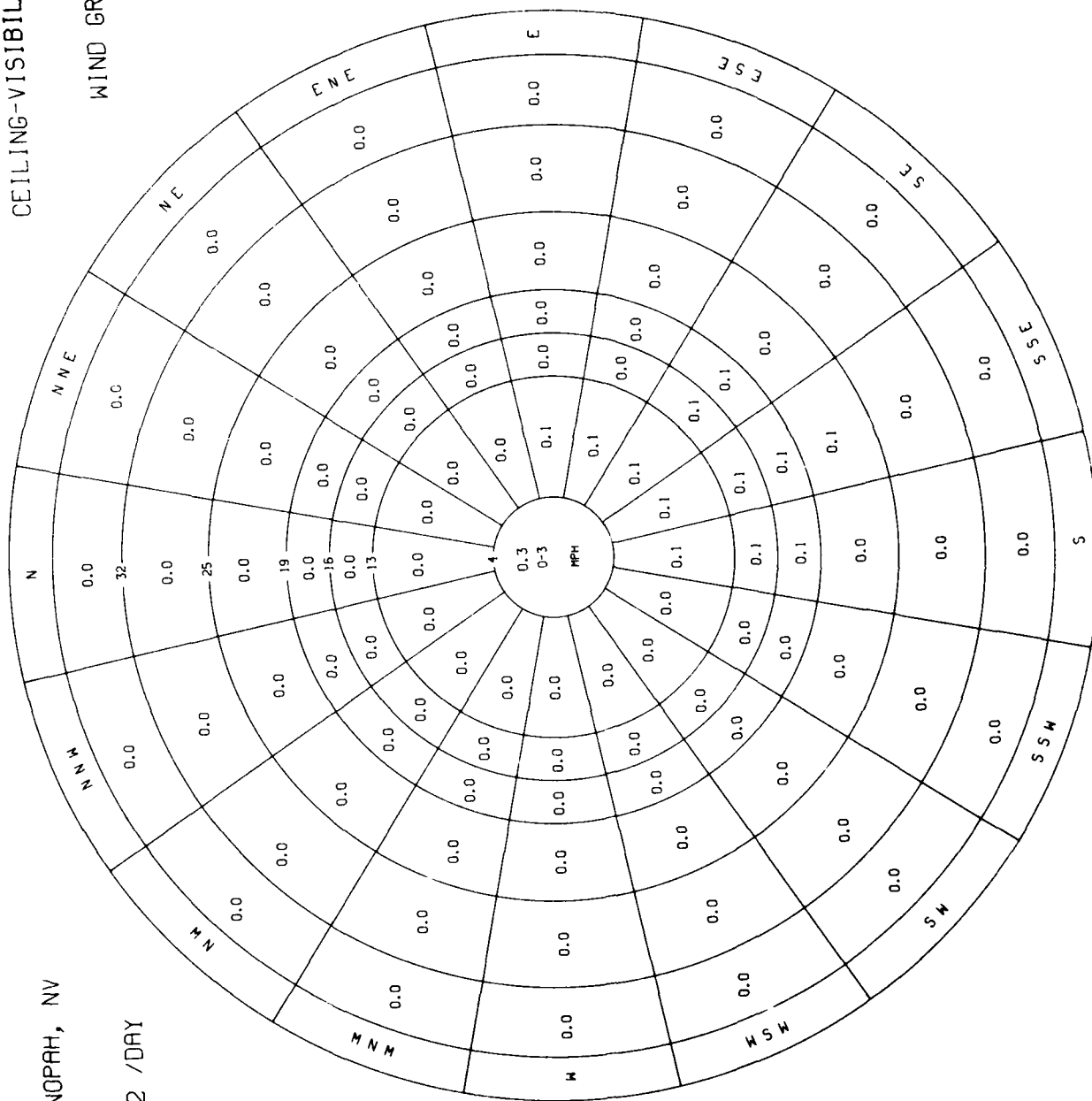
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.4	.4	14.7	15.0	2.4	2.4	.7	.7	.2	.2	.0	.0	.0	.0	18.3	18.7	9.6
NNE	.1	.1	2.8	2.9	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.3	8.5
NNE	.2	.2	1.3	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.6	7.0
ENE	.0	.0	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	7.5
E	.2	.2	1.7	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.1	7.8
ESE	.1	.1	1.1	1.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.5	9.6
SE	.1	.1	1.4	1.5	.4	.4	.2	.2	.1	.1	.1	.1	.0	.0	2.3	2.4	11.1
SSE	.0	.0	1.1	1.1	.3	.3	.2	.2	.2	.2	.0	.0	.0	.0	1.8	1.9	11.8
S	.2	.2	1.9	2.0	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.8	2.9	10.2
SSW	.1	.1	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	8.7
SW	.1	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	7.3
WSW	.0	.0	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	8.1
W	.2	.2	2.6	2.6	.5	.5	.3	.3	.2	.3	.0	.0	.0	.0	3.9	3.9	10.2
WNW	.1	.1	5.0	5.0	1.1	1.1	1.0	1.1	.8	.8	.1	.1	.0	.0	8.1	8.3	11.8
NW	.5	.5	11.6	11.9	1.8	1.8	1.1	1.1	.8	.8	.2	.2	.0	.0	16.1	16.4	10.3
NNW	.5	.5	18.6	19.0	2.8	2.9	1.0	1.0	.4	.4	.0	.0	.0	.0	23.4	23.9	9.7
CALM	9.7	9.9													9.7	9.9	
TOTAL	12.7	12.9	66.5	67.8	10.3	10.5	5.0	5.1	3.1	3.1	.6	.6	.1	.1	98.1	100	8.9

CEILING-VISIBILITY

WIND GRAPH

TPH TONOPAH, NV

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TPAH TONOPAH, NV

PERIOD: 1952-1978

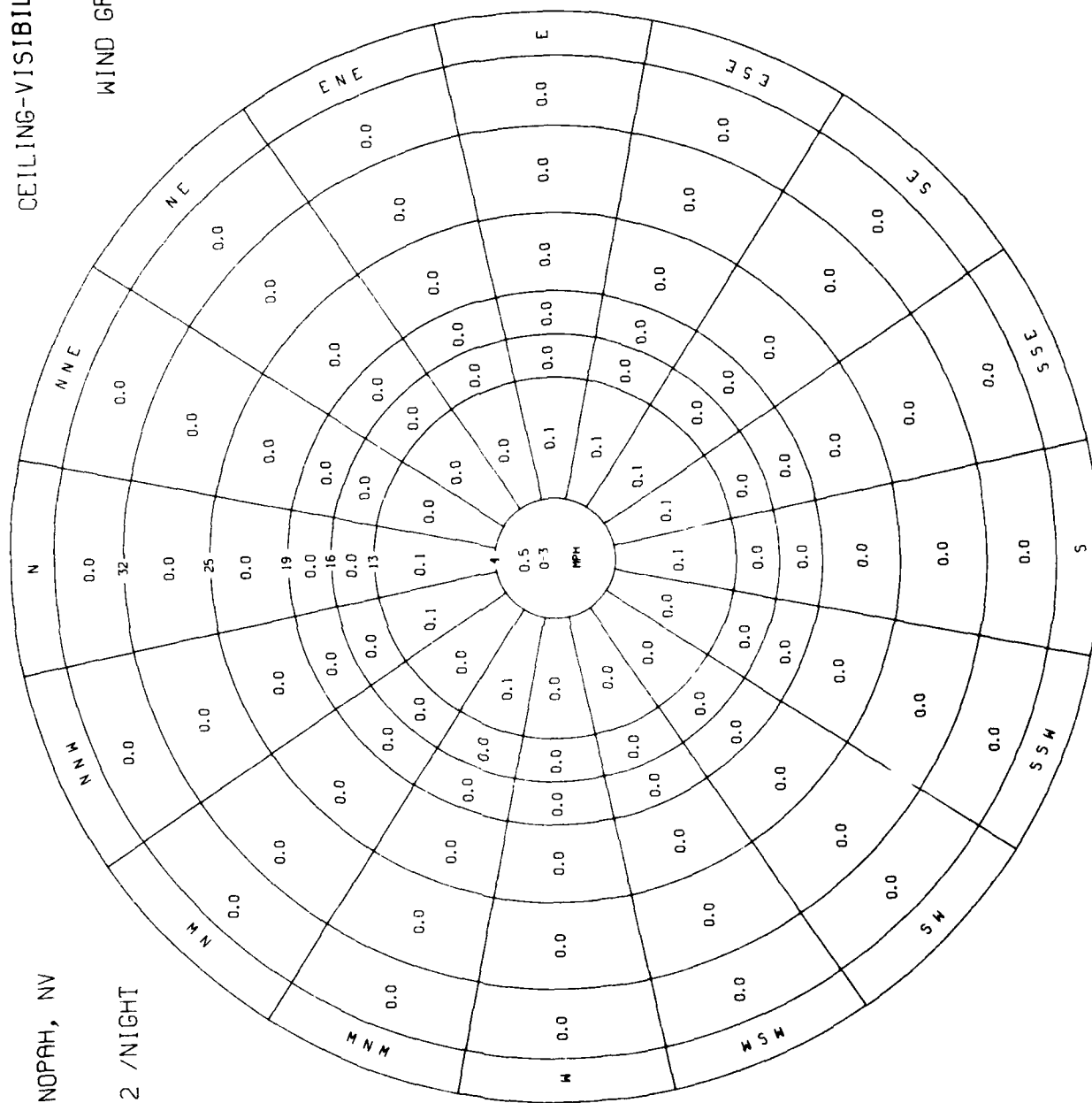
CLASS 2 / DAY

STATION NUMBER: 23153

NO. OBS.: 872

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	
N	.0	.2	.0	2.4	.0	.2	.0	.9	.0	.2	.0	.1	.0	.0	.1 4.1
NNE	.0	.1	.0	.8	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0 1.1
NE	.0	.1	.0	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
ENE	.0	.1	.0	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 .9
E	.0	.5	.1	3.8	.0	.3	.0	.3	.0	.2	.0	.0	.0	.0	.1 5.2
ESE	.0	.1	.1	4.7	.0	.9	.0	.2	.0	.9	.0	.1	.0	.1	.1 7.1
SE	.0	.3	.1	6.3	.1	3.2	.1	2.5	.0	2.3	.0	.0	.0	.0	.3 14.7
SSE	.0	.2	.1	4.0	.1	3.7	.1	3.0	.1	3.2	.0	1.6	.0	.1	.3 15.8
S	.0	.1	.1	5.4	.1	2.8	.1	2.8	.0	2.2	.0	.5	.0	.0	.3 13.6
SSW	.0	.3	.0	2.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.1 3.1
SW	.0	.1	.0	.7	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0 1.4
WSW	.0	.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
W	.0	.1	.0	1.9	.0	.7	.0	.2	.0	.2	.0	.1	.0	.0	.1 3.3
WNW	.0	.0	.0	1.9	.0	.7	.0	.5	.0	1.6	.0	.8	.0	.1	.1 5.6
NW	.0	.3	.0	1.8	.0	.9	.0	1.0	.0	.7	.0	.2	.0	.2	.1 5.3
NNW	.0	.2	.0	1.9	.0	1.0	.0	.5	.0	.5	.0	.1	.0	.0	.1 4.2
CALM	.2	11.8													.2 11.8
TOTAL	.3	14.9	.8	40.8	.3	15.1	.3	12.6	.2	12.4	.1	3.6	.0	.6	2.0 100
															11.7

CEILING-VISIBILITY WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TYPH TONOPAH, NV

PERIOD: 1952-1978

CLASS 2 / NIGHT

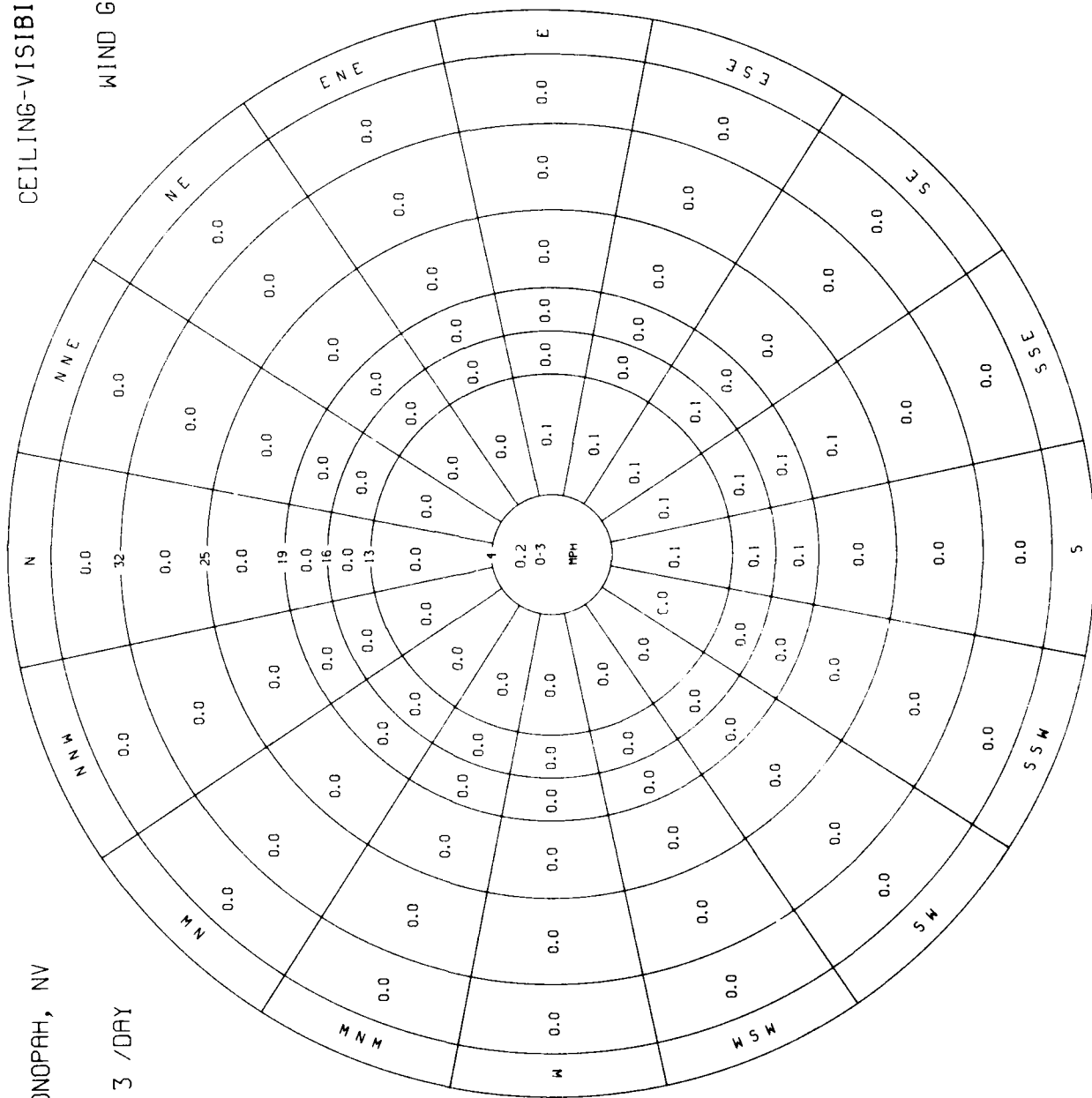
STATION NUMBER: 23153

NO. OBS.: 665

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	2.7	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.1	4.7	9.6
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	8.0
NE	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
ENE	.0	.3	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.2
E	.0	.6	.1	6.3	.0	.5	.0	.2	.0	.5	.0	.0	.0	.0	.0	.2	8.0	8.7
ESE	.0	.0	.1	5.0	.0	.6	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.1	6.8	11.0
SE	.0	1.5	.1	6.6	.0	2.1	.0	1.4	.0	1.1	.0	.6	.0	.0	.2	13.2	11.9	
SSE	.0	.2	.1	4.8	.0	1.8	.0	1.8	.0	1.5	.0	.8	.0	.3	.2	11.1	14.8	
S	.0	.6	.1	5.1	.0	1.8	.0	1.7	.0	1.1	.0	.2	.0	.0	.2	10.4	12.2	
SSW	.0	.0	.0	.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.2	10.5	
SW	.0	.3	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.4	7.4	
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0	
W	.0	.2	.0	1.7	.0	.8	.0	.2	.0	.2	.0	.2	.0	.0	.1	3.0	11.9	
WNW	.0	.3	.1	2.7	.0	1.1	.0	1.4	.0	.6	.0	.3	.0	.0	.1	6.3	13.3	
NW	.0	.5	.0	2.1	.0	.8	.0	.5	.0	.9	.0	.3	.0	.3	.1	5.3	15.0	
NNW	.0	.3	.1	3.2	.0	.2	.0	.6	.0	.2	.0	.0	.0	.2	.1	4.5	10.6	
CALM	.4	20.0													.4	20.0		
TOTAL	.5	25.6	.8	45.1	.2	10.5	.2	9.3	.1	6.5	.0	2.3	.0	.8	1.9	100	9.4	

TPH TONOPAH, NV

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TPH TONOPAH, NV

PERIOD: 1952-1978

CLASS 3 / DAY

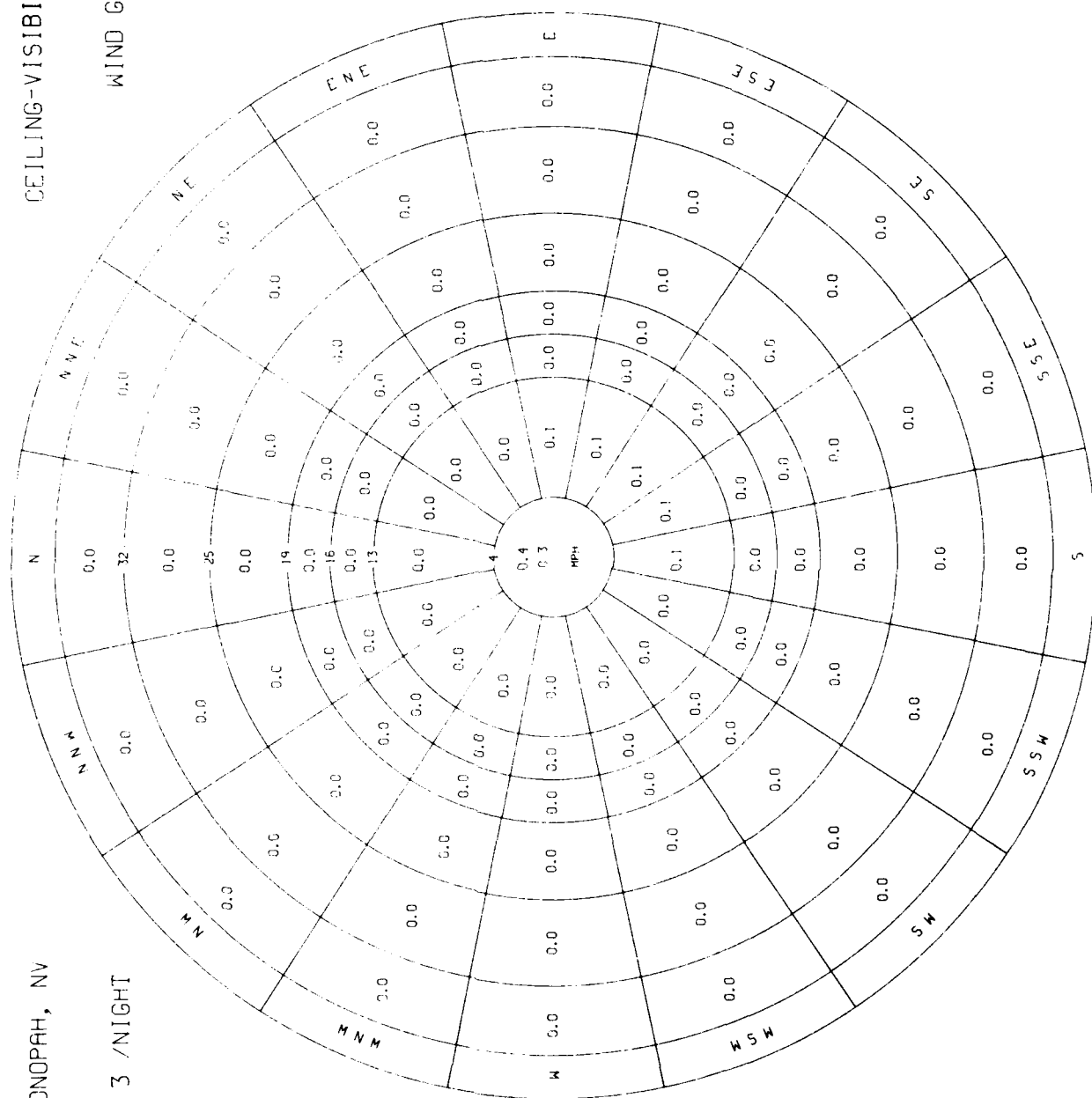
STATION NUMBER: 23153

NO. OBS.: 711

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	
N	.0	.0	.0	.2	.4	.0	.3	.0	.7	.0	.3	.0	.1	.0	.1 3.8
NNE	.0	.0	.0	.0	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0 1.1
NE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
ENE	.0	.0	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 .7
E	.0	.1	.1	.3	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1 4.4
ESE	.0	.1	.1	.4	.5	.0	.7	.0	.1	.0	.7	.0	.1	.0	.1 6.3
SE	.0	.1	.1	.7	.2	.1	.3	.1	.0	.2	.7	.0	.0	.0	.3 15.9
SSE	.0	.3	.1	.4	.6	.1	.4	.2	.1	.3	.7	.0	.1	.0	.3 17.9
S	.0	.1	.1	.5	.5	.1	.3	.1	.0	.2	.5	.0	.0	.0	.2 15.2
SSW	.0	.1	.0	.2	.1	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0 2.8
SW	.0	.1	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 1.1
WSW	.0	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
W	.0	.0	.0	.2	.3	.0	.7	.0	.3	.0	.3	.0	.1	.0	.1 3.7
WNW	.0	.0	.0	.2	.1	.0	.7	.0	.4	.0	.4	.0	.4	.0	.1 5.2
NW	.0	.1	.0	.1	.5	.0	.8	.0	.1	.0	.6	.0	.1	.0	.1 4.4
NNW	.0	.1	.0	.1	.7	.0	.1	.1	.0	.3	.0	.4	.0	.0	.1 3.8
CALM	.2	11.0													.2 11.0
TOTAL	.2	12.5	.7	42.3	.3	15.5	.2	13.1	.2	12.8	.1	3.5	.0	.3	1.6 100
															11.9

TPH TONOPAH, NV

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1952-1978

STATION NAME: TPAH TONOPAH, NV

CLASS 3 / NIGHT

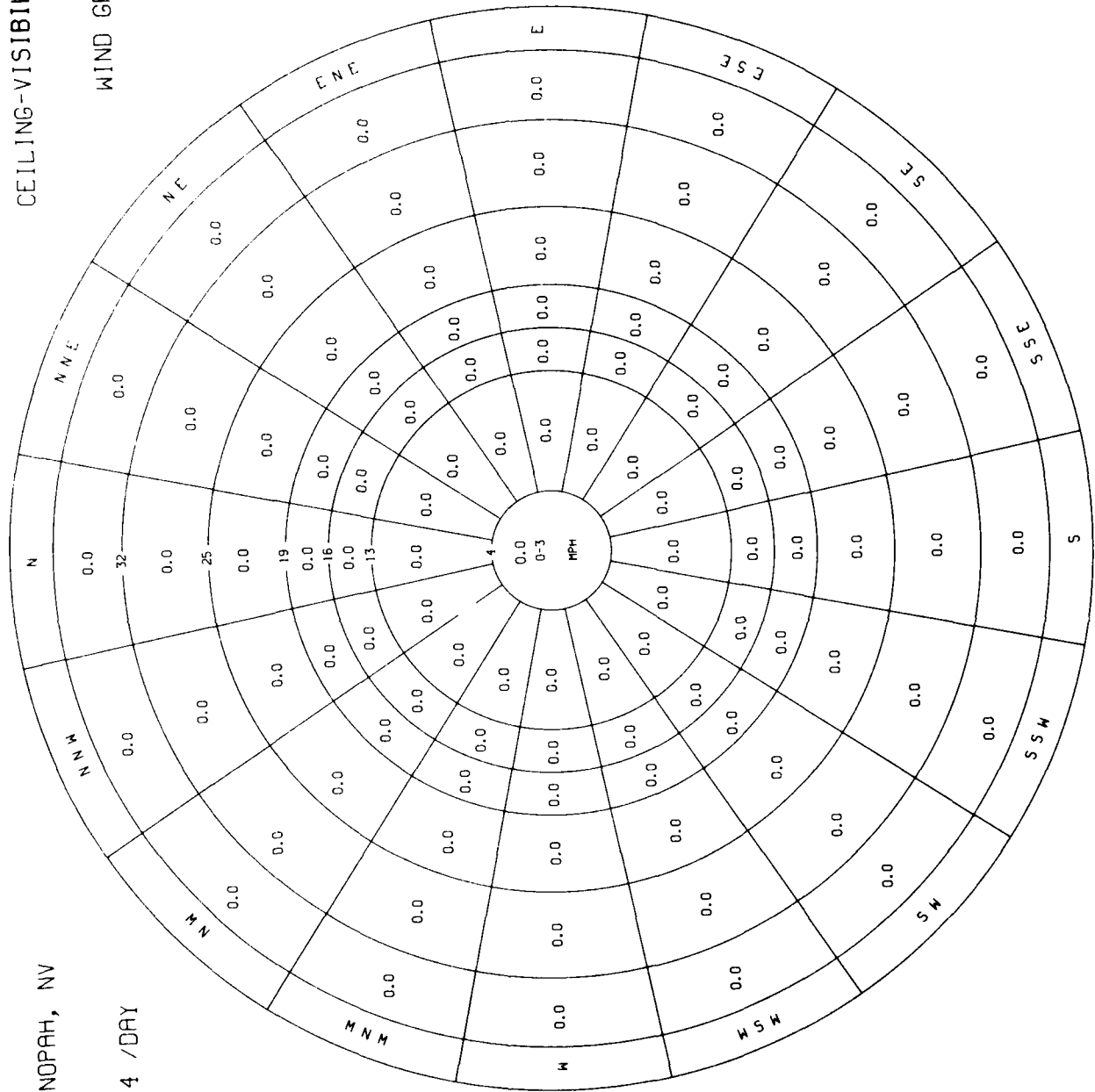
NO. OBS.: 527

STATION NUMBER: 23153

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	C	D			
N	.0	.4	.0	1.9	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.1	3.4	10.7
NNE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	9.7
NE	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0
ENE	.0	.2	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.9
E	.0	.6	.1	7.2	.0	.4	.0	.2	.0	.6	.0	.0	.0	.0	.1	8.9	8.8
ESE	.0	.0	.1	4.7	.0	.6	.0	.9	.0	.2	.0	.0	.0	.0	.1	6.5	11.0
SE	.0	1.5	.1	7.2	.0	2.1	.0	1.3	.0	1.3	.0	.8	.0	.0	.2	14.2	12.1
SSE	.0	.2	.1	4.7	.0	2.1	.0	1.9	.0	1.7	.0	.9	.0	.2	.2	11.8	15.0
S	.0	.8	.1	5.3	.0	2.1	.0	.7	.0	1.3	.0	.2	.0	.0	.2	11.4	12.4
SSW	.0	.0	.0	.8	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	11.3
SW	.0	.2	.0	1.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.5	8.0
WSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.7
W	.0	.0	.0	1.7	.0	.9	.0	.2	.0	.0	.0	.2	.0	.0	.0	3.0	12.3
WNW	.0	.4	.0	2.5	.0	1.1	.0	.0	.0	.8	.0	.2	.0	.0	.1	5.9	13.1
NW	.0	.4	.0	1.9	.0	.2	.0	.0	.0	.9	.0	.4	.0	.0	.1	4.2	14.0
NNW	.0	.4	.0	2.8	.0	.2	.0	.6	.0	.2	.0	.0	.0	.2	.1	4.4	10.9
CALM	.3	19.4													.3	19.4	
TOTAL	.4	24.7	.7	45.2	.2	10.8	.1	8.9	.1	7.4	.0	2.7	.0	.4	1.5	100	9.5

CEILING-VISIBILITY

WIND GRAPH



IPH TONOPAH, NV

CLASS 4 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1952-1978

STATION NAME: TPH TONOPAH, NV

CLASS 4 / DAY

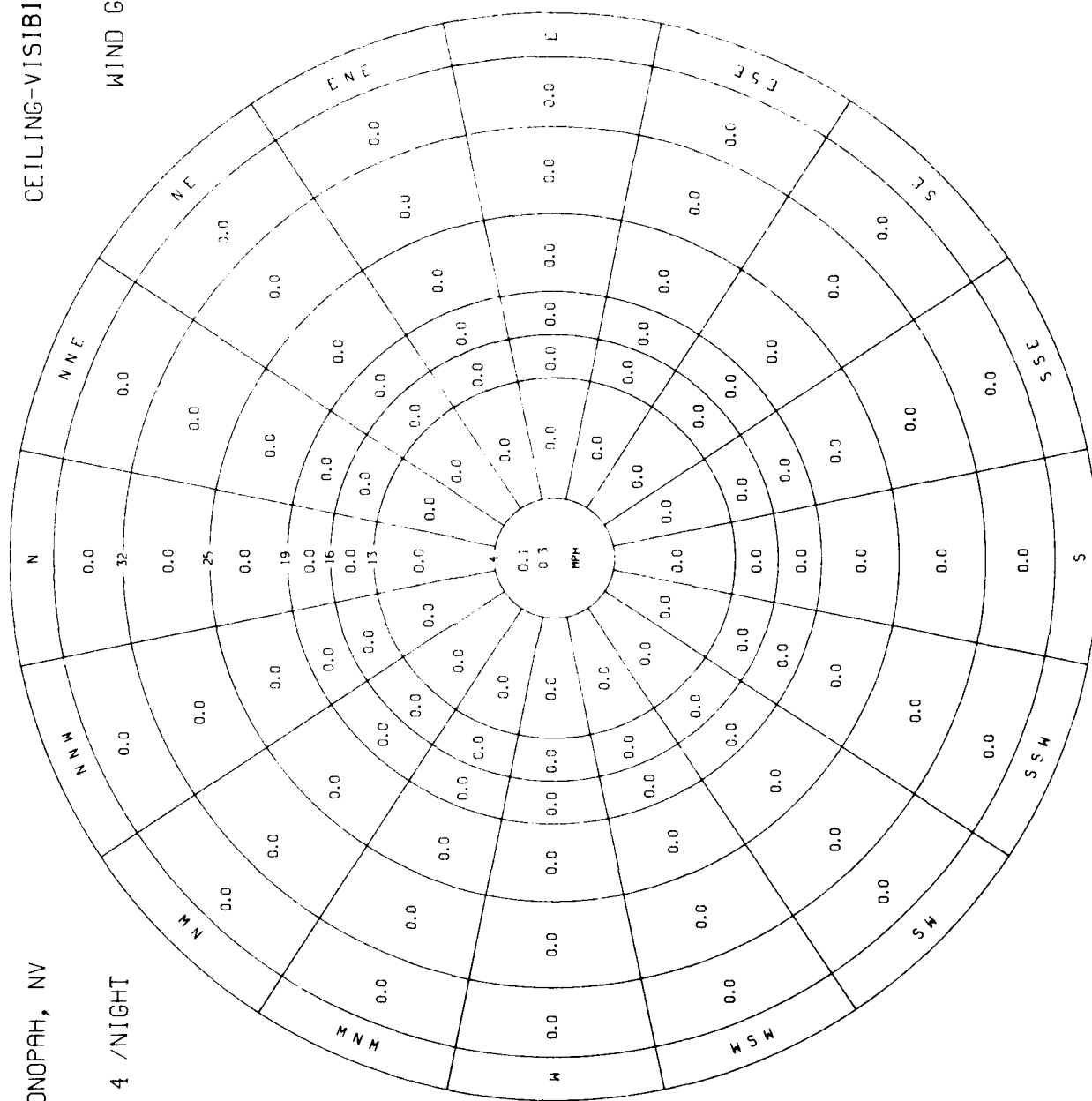
NO. OBS.: 104

STATION NUMBER: 23153

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	
N	.0	1.0	.0	3.8	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0 7.7
NNE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
NE	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
ENE	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
E	.0	1.0	.0	3.8	.0	1.0	.0	1.9	.0	1.0	.0	.0	.0	.0	.0 8.7
ESE	.0	.0	.0	4.8	.0	2.9	.0	1.0	.0	2.9	.0	.0	.0	1.0	.0 12.5
SE	.0	1.0	.0	2.9	.0	5.8	.0	.0	.0	1.0	.0	.0	.0	.0	.0 10.6
SSE	.0	.0	.0	1.9	.0	1.9	.0	3.8	.0	1.9	.0	.0	.0	.0	.0 9.6
S	.0	.0	.0	2.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
SSW	.0	.0	.0	2.9	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0 3.8
SW	.0	.0	.0	1.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0 2.9
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
WNW	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	2.9	.0	1.9	.0	.0	.0 6.7
NW	.0	1.0	.0	3.8	.0	1.9	.0	.0	.0	1.0	.0	1.0	.0	.0	.0 8.7
NNW	.0	.0	.0	3.8	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.0	.0 5.8
CALM	.0	10.6													.0 10.6
TOTAL	.0	16.3	.1	37.5	.0	18.3	.0	11.5	.0	12.5	.0	2.9	.0	1.0	.2 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TPA TONOPAH, NV

PERIOD: 1952-1978

CLASS 4 / NIGHT

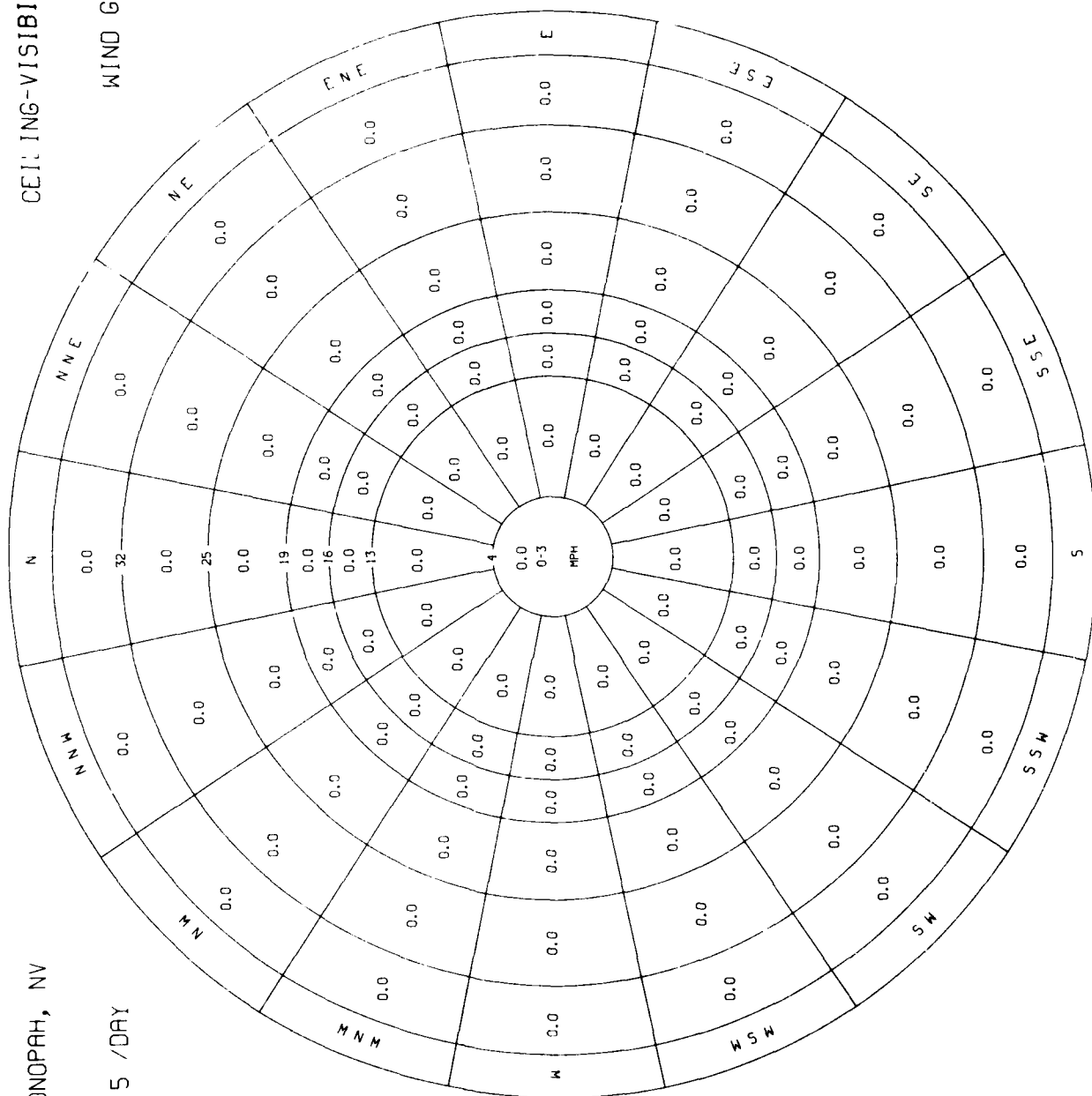
STATION NUMBER: 23153

NO. OBS.: 92

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	
N	.0	.0	.0	5.4	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	7.6
NNE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
E	.0	1.1	.0	3.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	5.4
ESE	.0	.0	.0	6.5	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	9.8
SE	.0	1.1	.0	3.3	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	8.7
SSE	.0	.0	.0	5.4	.0	.0	.0	2.2	.0	1.1	.0	.0	.0	.0	9.8
S	.0	.0	.0	3.3	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	5.4
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
W	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	4.3
WNW	.0	.0	.0	3.3	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	6.5
NW	.0	1.1	.0	3.3	.0	3.3	.0	.0	.0	1.1	.0	.0	.0	.0	8.7
NNW	.0	.0	.0	3.3	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	4.3
CALM	.1	21.7													21.7
TOTAL	.1	28.3	.1	44.6	.0	10.9	.0	12.0	.0	3.3	.0	.0	.0	1.1	3
															100
															8.5

CEILING-VISIBILITY WIND GRAPH

TPH TONOPAH, NV
CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1952-1978

STATION NAME: TPAH TONOPAH, NV

CLASS 5 / DAY

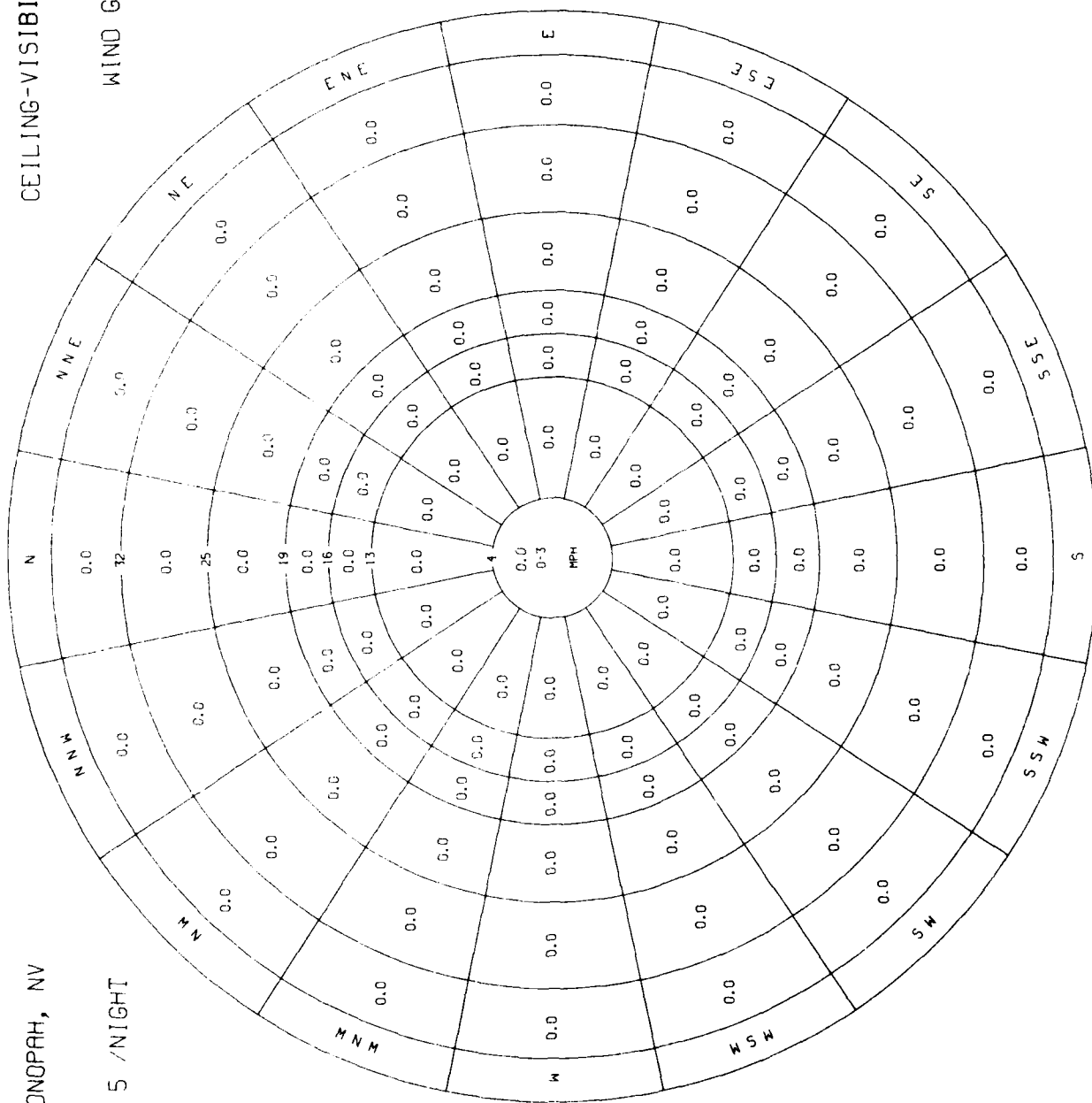
NO. OBS.: 31

STATION NUMBER: 23153

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
N	.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
NE	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	2.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	3.2	.0	6.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	10.2
ESE	.0	.0	.0	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	8.3
SE	.0	.0	.0	.0	.0	.0	.0	6.5	.0	.0	.0	.0	.0	.0	.0	6.5	16.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0	.0	3.2	25.0
S	.0	.0	.0	.0	.0	3.2	.0	.0	.0	.0	3.2	.0	.0	.0	.0	6.5	18.5
SSW	.0	6.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	3.7
SW	.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
W	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	.0	.0	.0	6.5	29.5
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0	.0	.0	.0	9.7	29.3
NNW	.0	.0	.0	3.2	.0	3.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	9.7	13.3
CALM	.0	19.4													.0	19.4	
TOTAL	.0	35.5	.0	22.6	.0	9.7	.0	9.7	.0	6.5	.0	9.7	.0	6.5	.0	11.7	11.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TPH TONOPAH, NV

PERIOD: 1952-1978

CLASS 5 / NIGHT

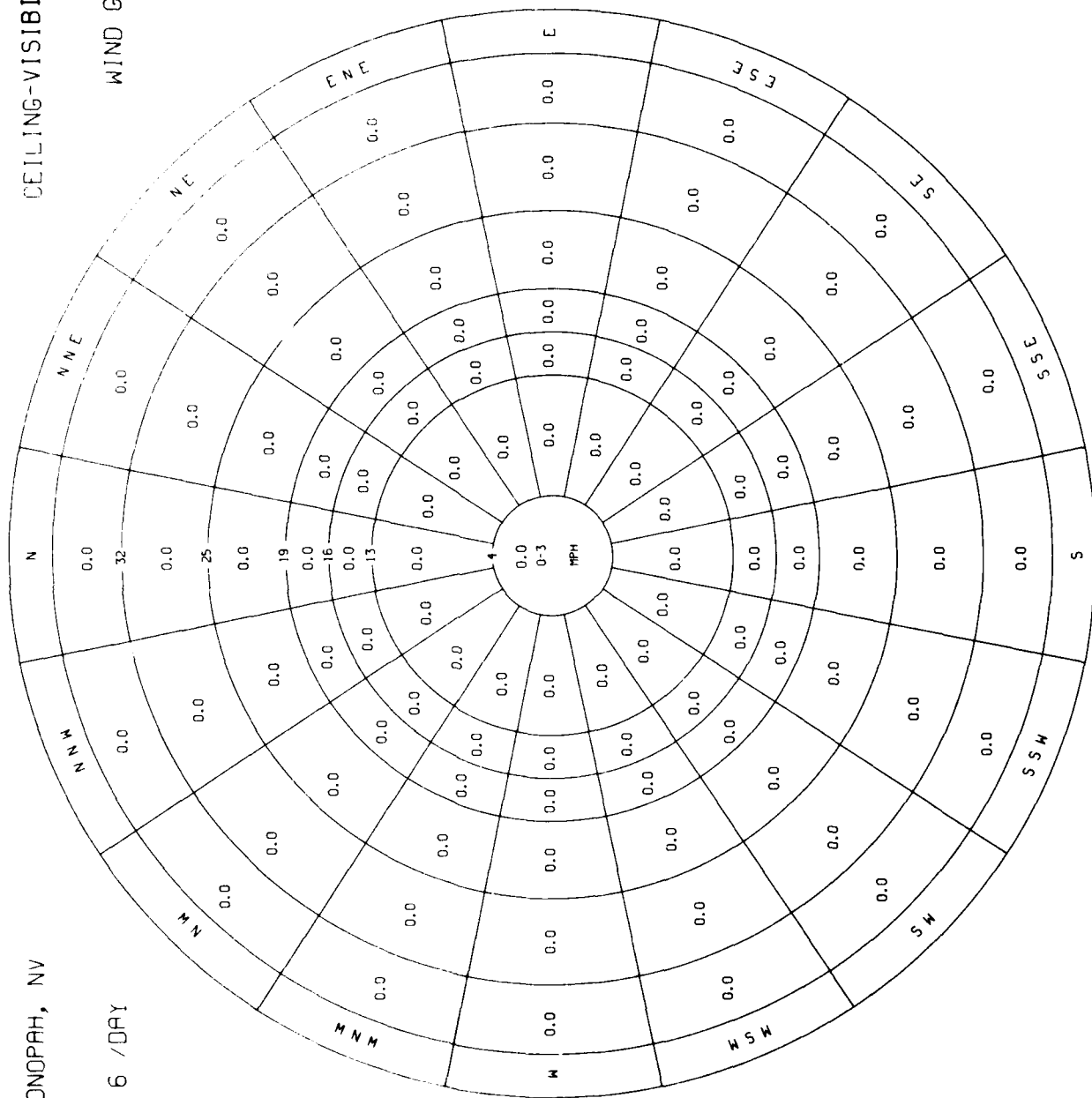
STATION NUMBER: 23153

NO. OBS.: 28

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
N	.0	7.1	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	4.7
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	.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
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
SE	.0	.0	.0	10.7	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	12.0
SSE	.0	.0	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	11.0
S	.0	.0	.0	7.1	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	10.7	11.0
SSW	.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
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	7.1	.0	.0	.0	3.6	.0	.0	.0	10.7	21.0
NW	.0	.0	.0	.0	.0	3.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	7.1	16.0
NNW	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	8.5
CALM	.0	25.0													.0	25.0	
TOTAL	.0	32.1	.0	39.3	.0	10.7	.0	14.3	.0	.0	.0	3.6	.0	.0	.1	100	8.5

CEILING-VISIBILITY

WIND GRAPH



TPH TONOPAH, NV

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TPH TONOPAH, NV

PERIOD: 1952-1978

CLASS 6 / DAY

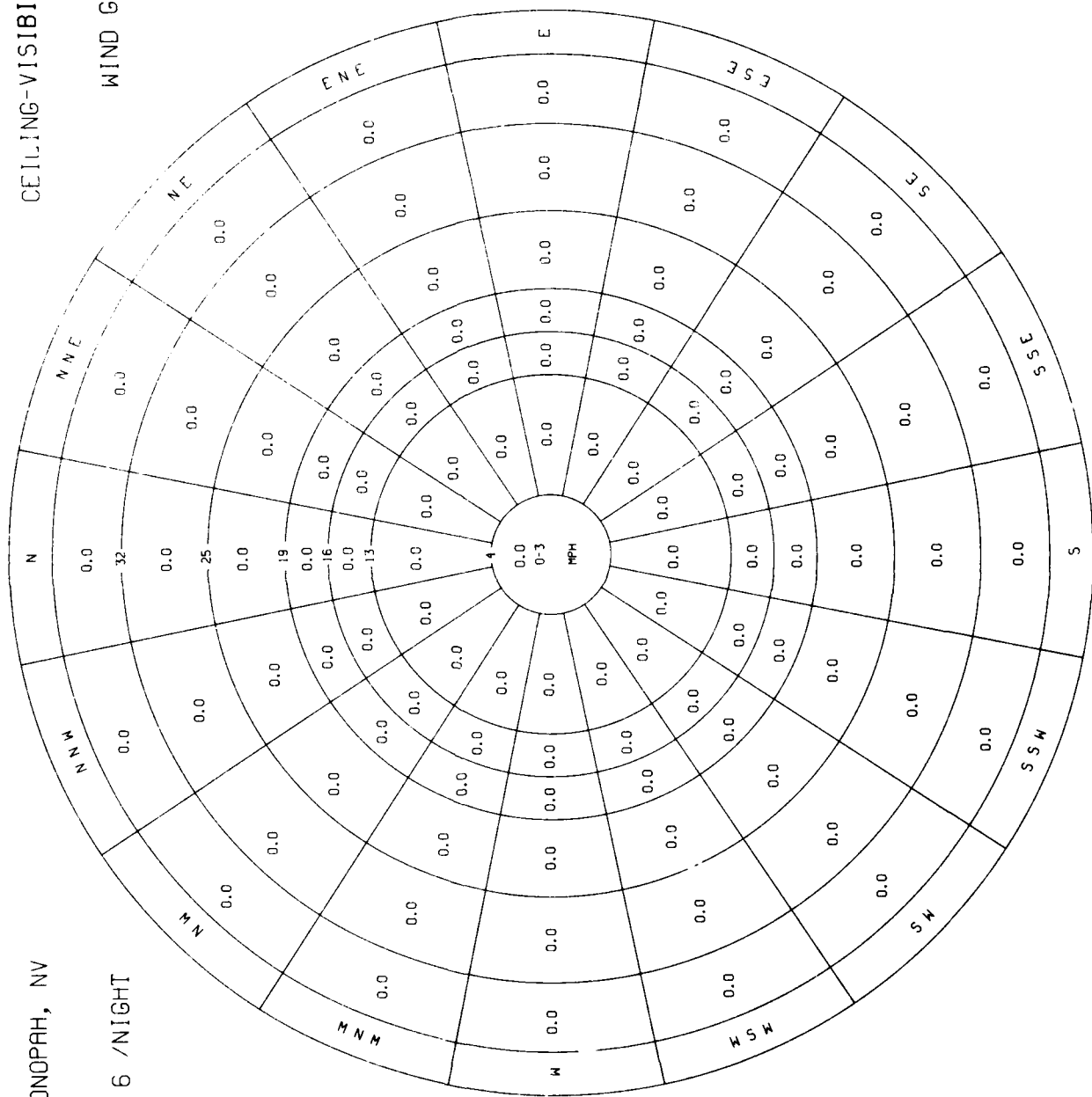
STATION NUMBER: 23153

NO. OBS.: 26

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
N	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.0
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	.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
E	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.0
SE	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.5
S	.0	.0	.0	19.2	.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	19.2	10.4
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	.0	.0	.0	.0	.0	3.8	23.0
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	3.8	.0	.0	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	11.5	17.3
NW	.0	3.8	.0	3.8	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	11.5	9.0
NNW	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	2.0
CALM	.0	30.8													.0	30.8	
TOTAL	.0	50.0	.0	34.6	.0	.0	.0	7.7	.0	7.7	.0	.0	.0	.0	.0	100	7.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1952-1978

STATION NAME: TPH TONOPAH, NV

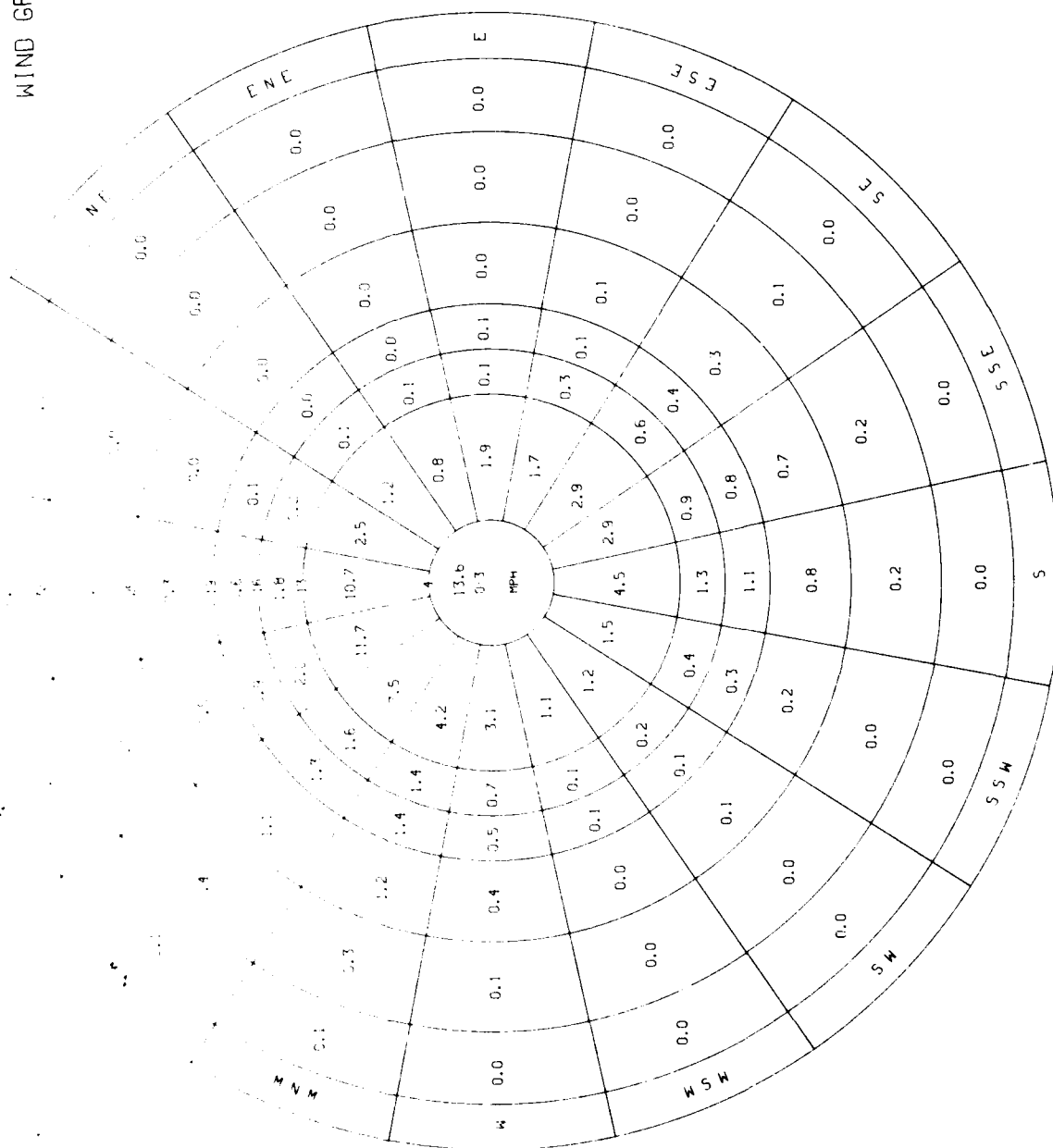
CLASS 6 / NIGHT

NO. OBS.: 18

STATION NUMBER: 23153

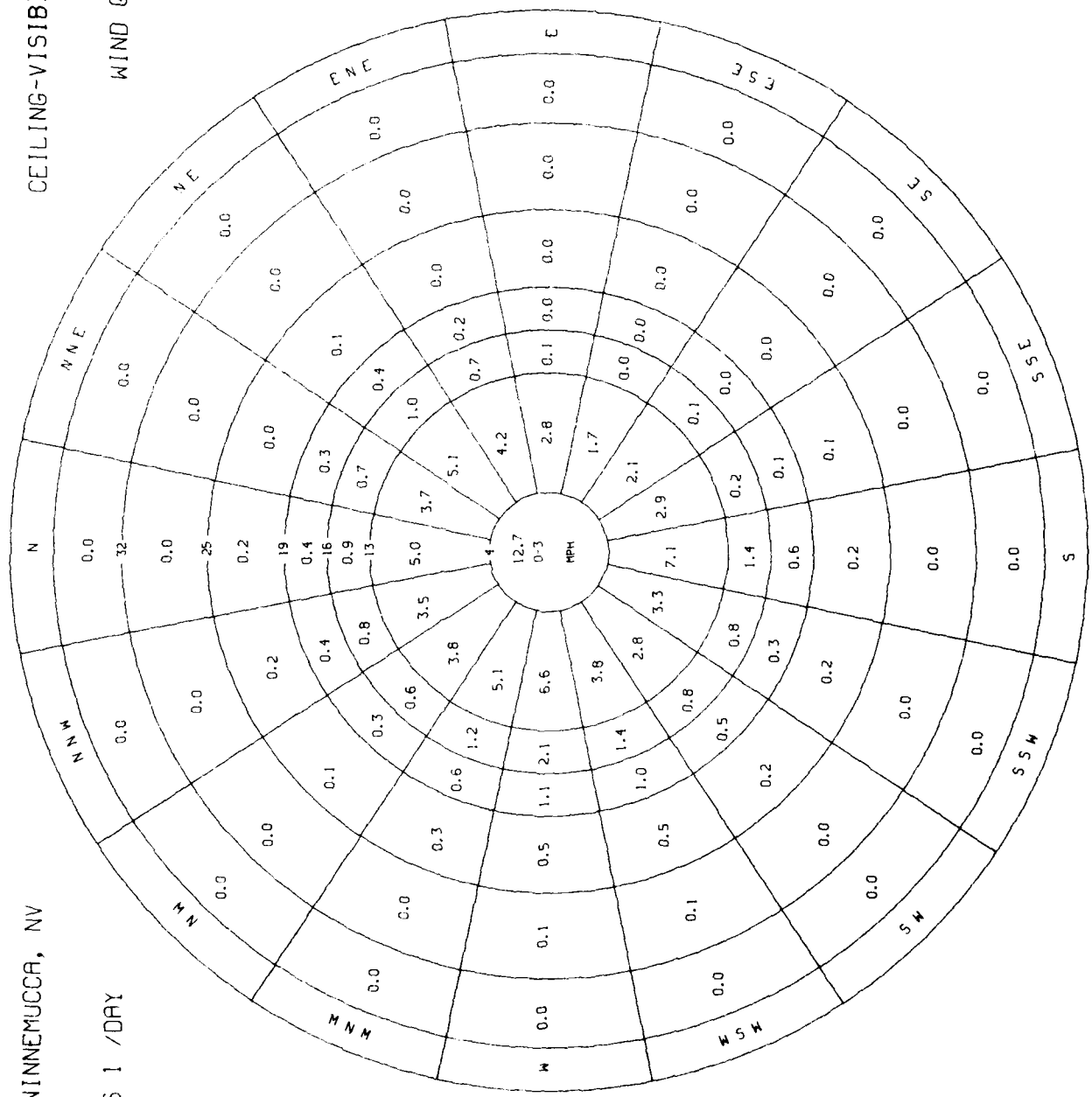
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	5.6	.0	.0	.0	.0	.0	5.6	.0	.0	.0	.0	.0 11.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
ESE	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
SE	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
SSE	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
S	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
SSW	.0	.0	.0	5.6	.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
WSW	.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
WNW	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.1
NW	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 16.7
NNW	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
CALM	.0	22.2													.0 22.2
TOTAL	.0	27.8	.0	55.6	.0	.0	.0	.0	.0	5.6	.0	.0	.0	11.1	.1 100

WIND GRAPH



CEILING-VISIBILITY
WIND GRAPH

WMC WINNEMUCCA, NV
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 1 / DAY

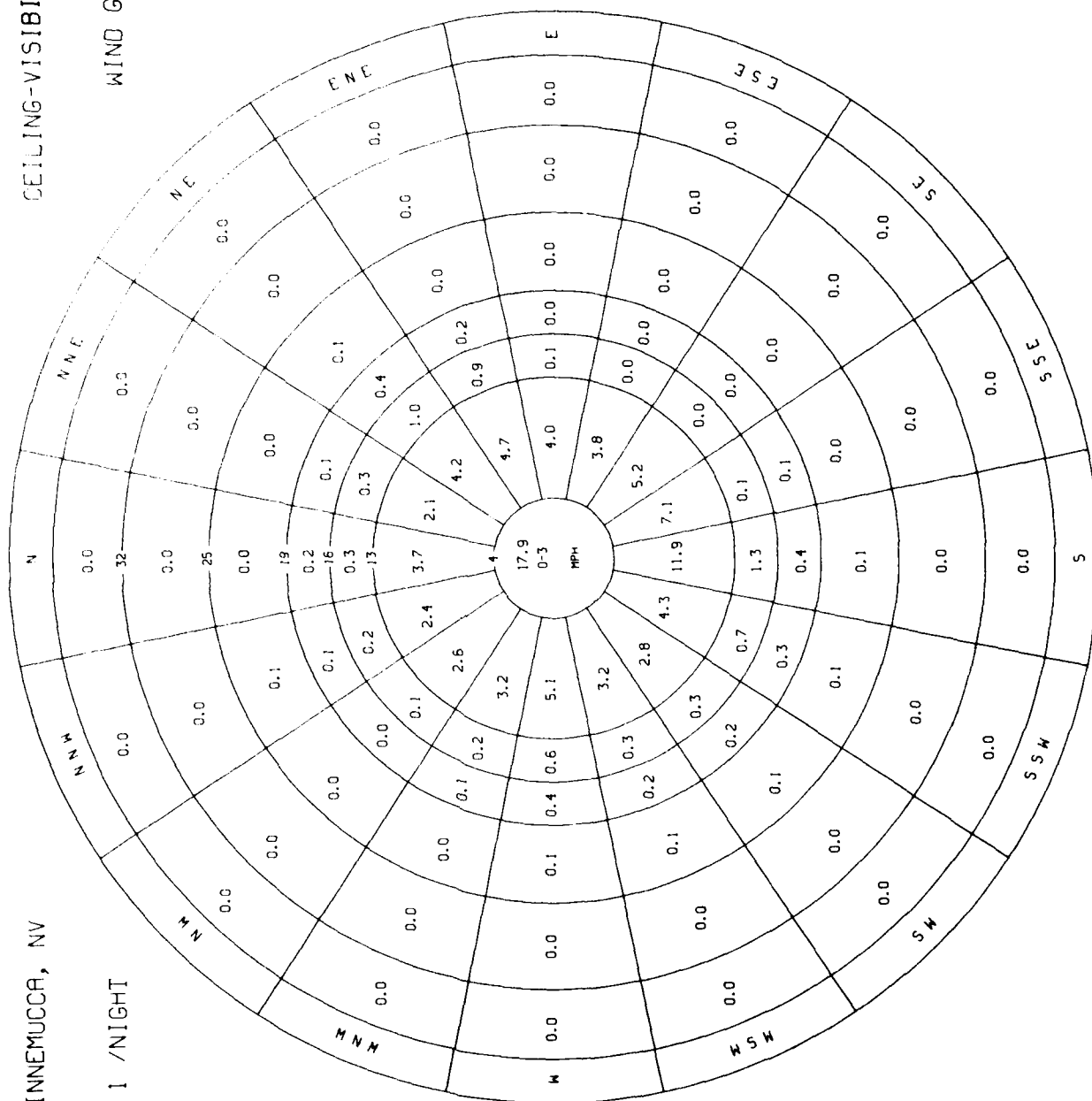
STATION NUMBER: 24128

NO. OBS.: 22605

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	5.0	5.1	.9	1.0	.4	.5	.2	.2	.0	.0	.0	.0	7.0	7.2	9.4
NNE	.3	.3	3.7	3.8	.7	.7	.3	.3	.0	.0	.0	.0	.0	.0	5.0	5.1	9.2
NE	.3	.3	5.1	5.1	1.0	1.0	.4	.4	.1	.1	.0	.0	.0	.0	6.9	7.0	9.4
ENE	.3	.3	4.2	4.3	.7	.7	.2	.2	.0	.0	.0	.0	.0	.0	5.4	5.5	9.0
E	.3	.3	2.8	2.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.3	6.6
ESE	.3	.3	1.7	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.1	6.6
SE	.3	.3	2.1	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.5	6.6
SSE	.3	.3	2.9	3.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.6	3.7	7.5
S	.5	.6	7.1	7.3	1.4	1.4	.6	.6	.2	.2	.0	.0	.0	.0	9.8	10.0	9.3
SSW	.2	.2	3.3	3.4	.8	.8	.3	.3	.2	.2	.0	.0	.0	.0	4.8	4.9	10.1
SW	.2	.2	2.8	2.8	.8	.8	.5	.5	.2	.2	.0	.0	.0	.0	4.5	4.6	10.8
WSW	.1	.2	3.8	3.8	1.4	1.4	1.0	1.0	.5	.5	.1	.1	.0	.0	6.9	7.0	11.7
W	.3	.3	6.6	6.7	2.1	2.2	1.1	1.1	.5	.5	.1	.1	.0	.0	10.7	10.9	11.0
WNW	.2	.2	5.1	5.2	1.2	1.2	.6	.6	.3	.3	.0	.0	.0	.0	7.3	7.5	10.1
NW	.2	.2	3.8	3.9	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	5.1	5.2	9.3
NNW	.2	.2	3.5	3.6	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	5.1	5.2	10.1
CALM	8.2	8.4													8.2	8.4	
TOTAL	12.7	12.9	63.6	64.8	12.7	13.0	6.2	6.3	2.6	2.6	.4	.4	.0	.0	98.2	100	8.8

WMC WINNEMUCCA, NV

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1965-1978

STATION NAME: WMC WINNEMUCCA, NV

CLASS 1 / NIGHT

NO. OBS.: 17517

STATION NUMBER: 24128

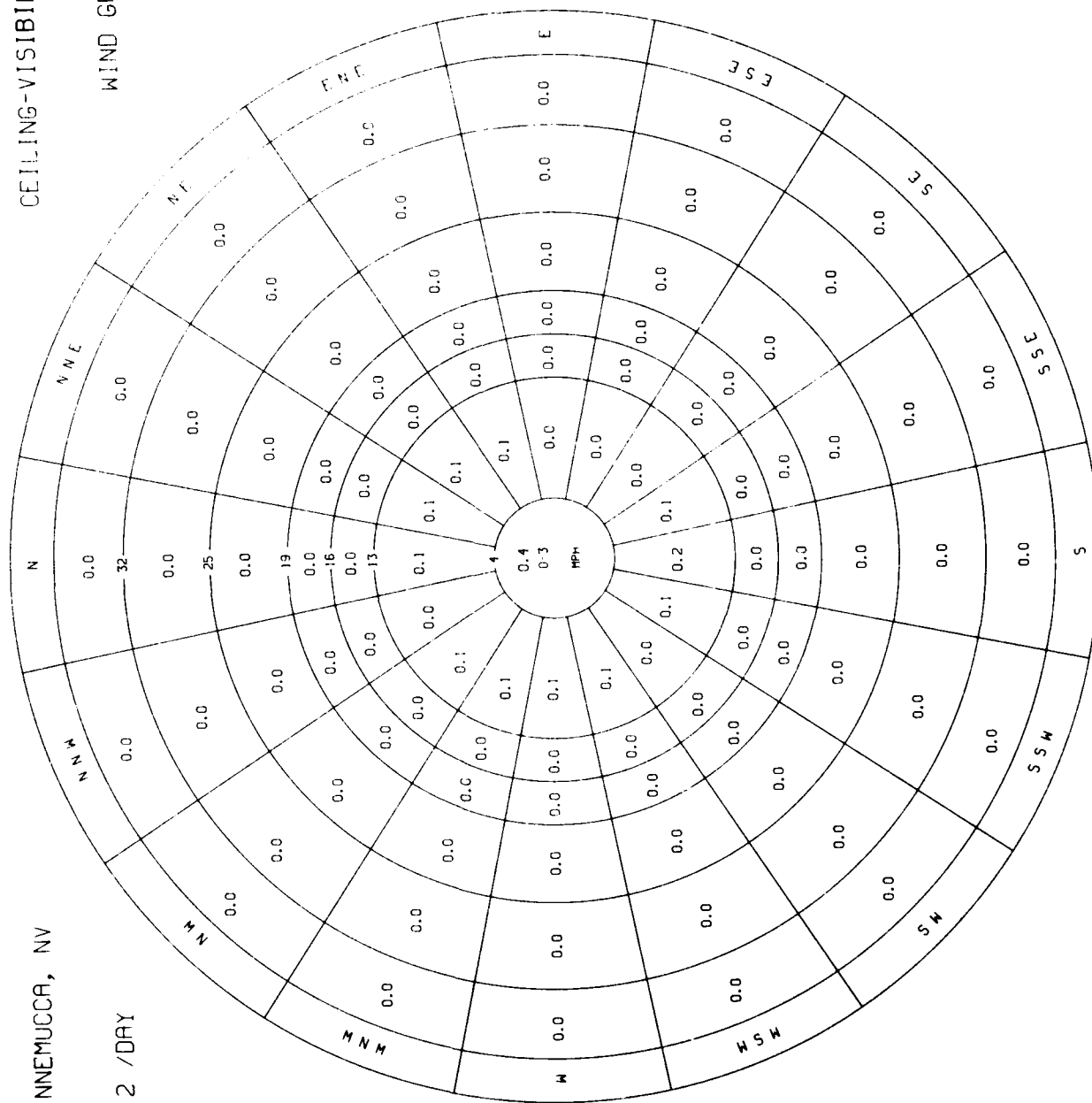
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	3.7	3.8	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	4.6	4.7	8.1
NNE	.2	.2	2.1	2.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.7	2.8	8.2
NE	.3	.3	4.2	4.3	1.0	1.0	.4	.5	.1	.1	.0	.0	.0	.0	6.0	6.1	9.6
ENE	.2	.2	4.7	4.8	.9	.9	.2	.2	.0	.0	.0	.0	.0	.0	6.1	6.2	9.1
E	.5	.5	4.0	4.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6	6.5
ESE	.3	.3	3.8	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.2	6.5
SE	.4	.4	5.2	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.7	6.3
SSE	.4	.4	7.1	7.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	7.7	7.8	6.8
S	.8	.8	11.9	12.1	1.3	1.3	.4	.4	.1	.1	.0	.0	.0	.0	14.4	14.7	8.2
SSW	.3	.3	4.3	4.4	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	5.6	5.7	9.1
SW	.3	.3	2.8	2.8	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.6	3.7	8.6
WSW	.3	.3	3.2	3.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	4.2	4.3	8.6
W	.3	.4	5.1	5.2	.6	.6	.4	.4	.1	.1	.0	.0	.0	.0	6.6	6.7	8.9
WNW	.3	.3	3.2	3.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.9	3.9	7.6
NW	.1	.1	2.6	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.0	7.7
NNW	.2	.2	2.4	2.5	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.1	3.1	8.3
CALM	12.5	12.7													12.5	12.7	
TOTAL	17.9	18.2	70.2	71.5	6.4	6.5	2.7	2.7	.9	.9	.1	.1	.0	.0	98.2	100	7.0

CEILING-VISIBILITY

WIND GRAPH

WMC WINNEMUCCA, NV

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

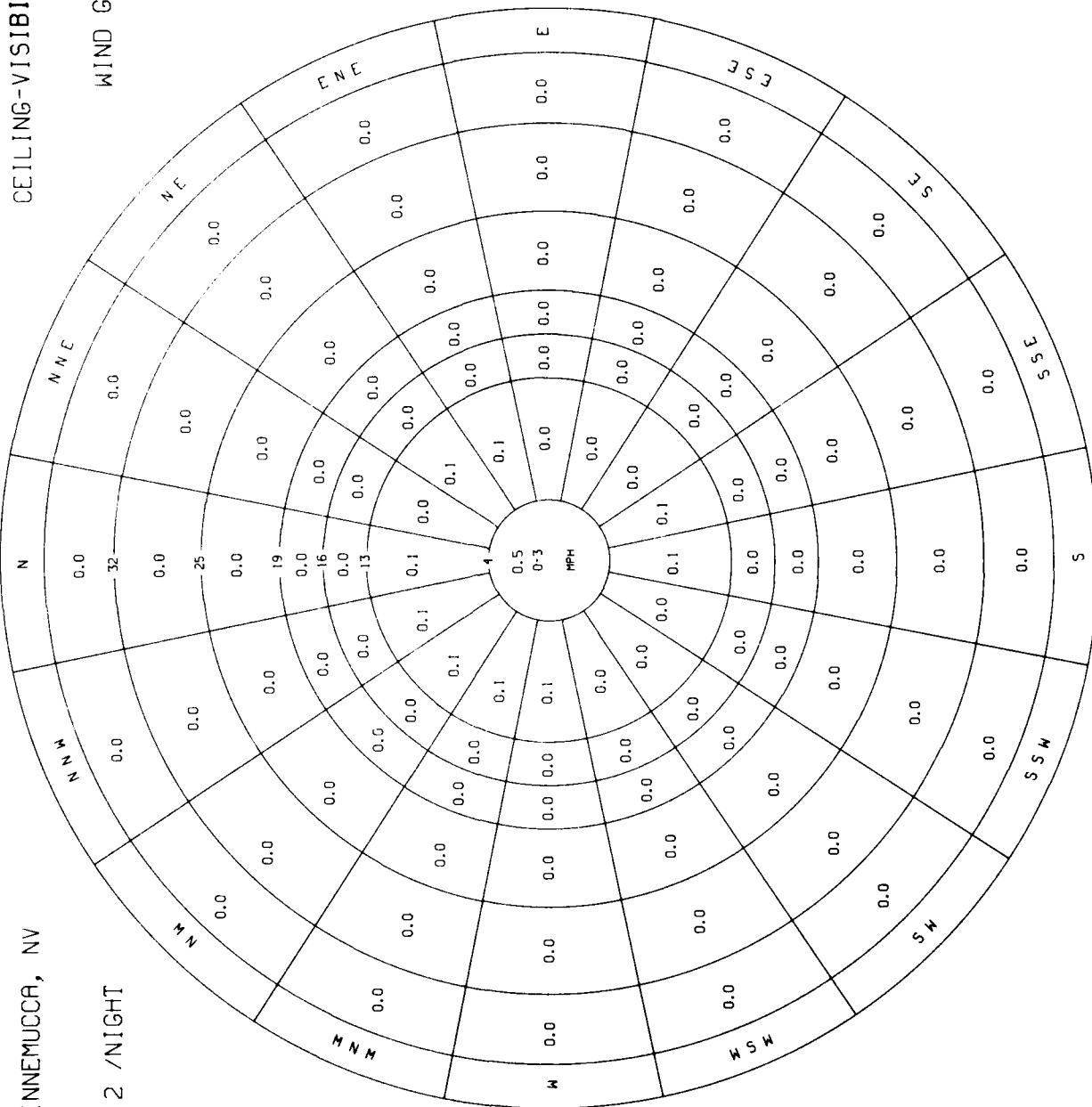
CLASS 2 / DAY

STATION NUMBER: 24128

NO. OBS.: 423

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	3.8	.0	.7	.0	.5	.0	.2	.0	.0	.0	.0	.0	.1	5.4	10.1
NNE	.0	.2	.1	2.8	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.0	9.8
NE	.0	.5	.1	5.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	5.9	7.1
ENE	.0	.7	.1	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	6.2
E	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.8
ESE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.6
SE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.7
SSE	.0	.0	.1	3.3	.0	.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.1	4.7	10.2
S	.0	.7	.2	9.2	.0	.9	.0	1.7	.0	.2	.0	.0	.0	.0	.0	.2	12.8	9.7
SSW	.0	.0	.1	4.3	.0	.2	.0	.5	.0	.2	.0	.9	.0	.2	.1	6.4	12.9	
SW	.0	.0	.0	2.6	.0	.0	.0	.5	.0	.2	.0	.2	.0	.0	.0	1	3.5	10.2
WSW	.0	.2	.1	3.8	.0	1.4	.0	.5	.0	.2	.0	.2	.0	.0	.1	6.4	11.3	
W	.0	.2	.1	4.7	.0	1.2	.0	.9	.0	.9	.0	.7	.0	.0	.2	8.7	12.3	
WNW	.0	.5	.1	6.4	.0	1.2	.0	.5	.0	.2	.0	.0	.0	.0	.2	8.7	9.5	
NW	.0	.0	.1	4.0	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	4.7	8.6	
NNW	.0	.2	.0	2.1	.0	1.7	.0	.5	.0	.0	.0	.0	.0	.0	.1	4.7	13.0	
CALM	.3	15.4													.3	15.4		
TOTAL	.4	19.6	1.1	58.9	.2	9.7	.1	6.4	.1	2.8	.0	2.1	.0	.5	1.8	100		8.4

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1965-1978

STATION NAME: WMC WINNEMUCCA, NV

CLASS 2 / NIGHT

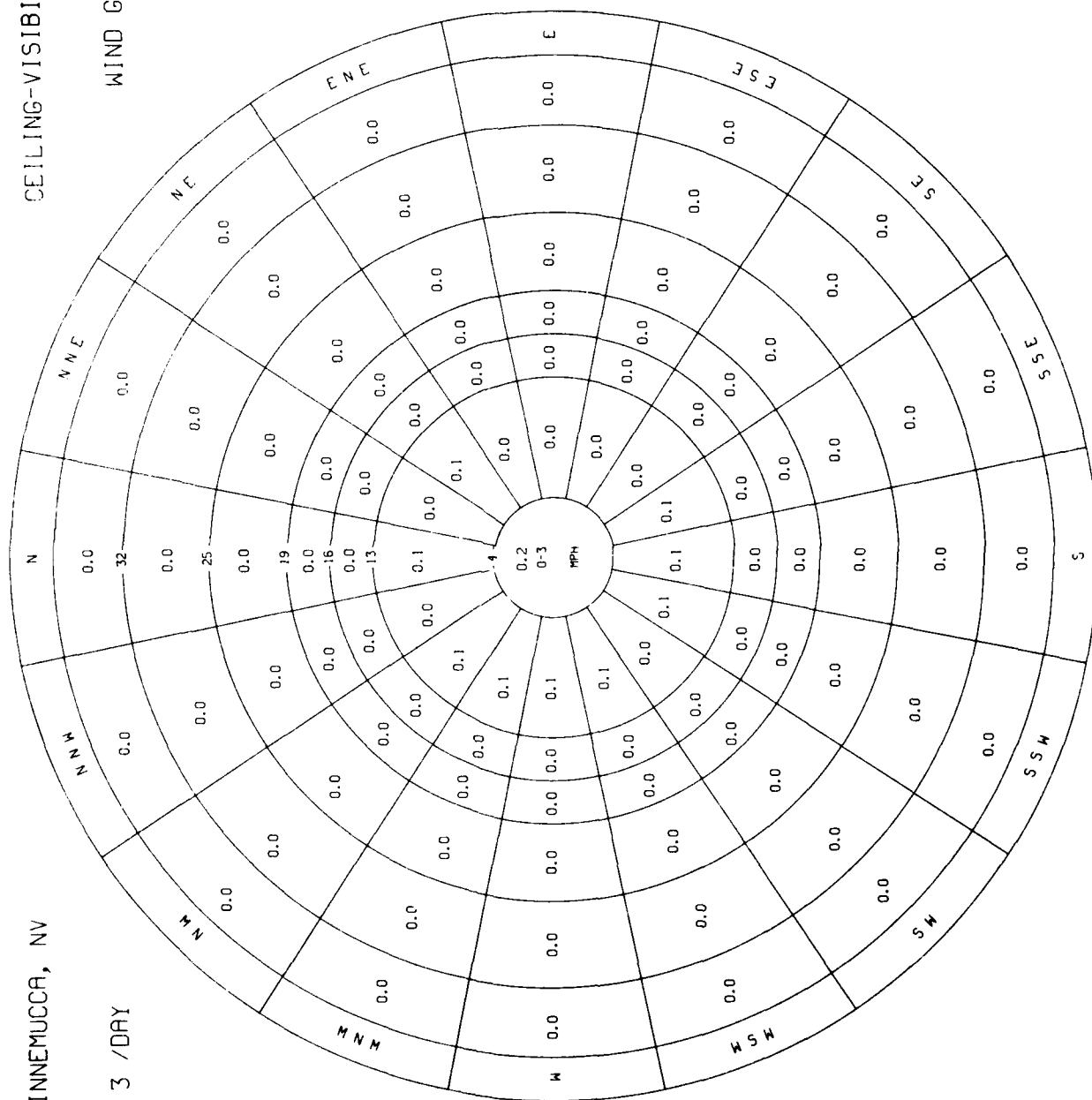
NO. OBS.: 320

STATION NUMBER: 24128

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	
N	.0	1.2	.1	4.4	.0	.3	.0	.3	.0	.6	.0	.0	.0	.0	.1 6.9
NNE	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
NNE	.0	.6	.1	5.3	.0	.0	.0	.6	.0	.6	.0	.0	.0	.0	.1 7.2
ENE	.0	.6	.1	7.2	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.2 8.4
E	.0	.6	.0	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
ESE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SE	.0	.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
SSE	.0	.3	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.4
S	.0	.9	.1	7.2	.0	.9	.0	.3	.0	.3	.0	.0	.0	.0	.2 9.7
SSW	.0	.0	.0	1.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
SW	.0	.6	.0	1.6	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.1 3.1
WSW	.0	.0	.0	2.5	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.1 3.1
W	.0	1.2	.1	7.5	.0	1.6	.0	.3	.0	.3	.0	.0	.0	.0	.2 10.9
WNW	.0	.3	.1	4.7	.0	.0	.0	.6	.0	.6	.0	.3	.0	.0	.1 6.6
NW	.0	.0	.1	5.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.1 5.3
NNW	.0	.3	.1	3.4	.0	.9	.0	.3	.0	.9	.0	.3	.0	.0	.1 6.3
CALM	.3	17.8													.3 17.8
TOTAL	.5	25.6	1.1	60.9	.1	5.0	.1	4.1	.1	3.7	.0	.6	.0	.0	1.8 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 3 / DAY

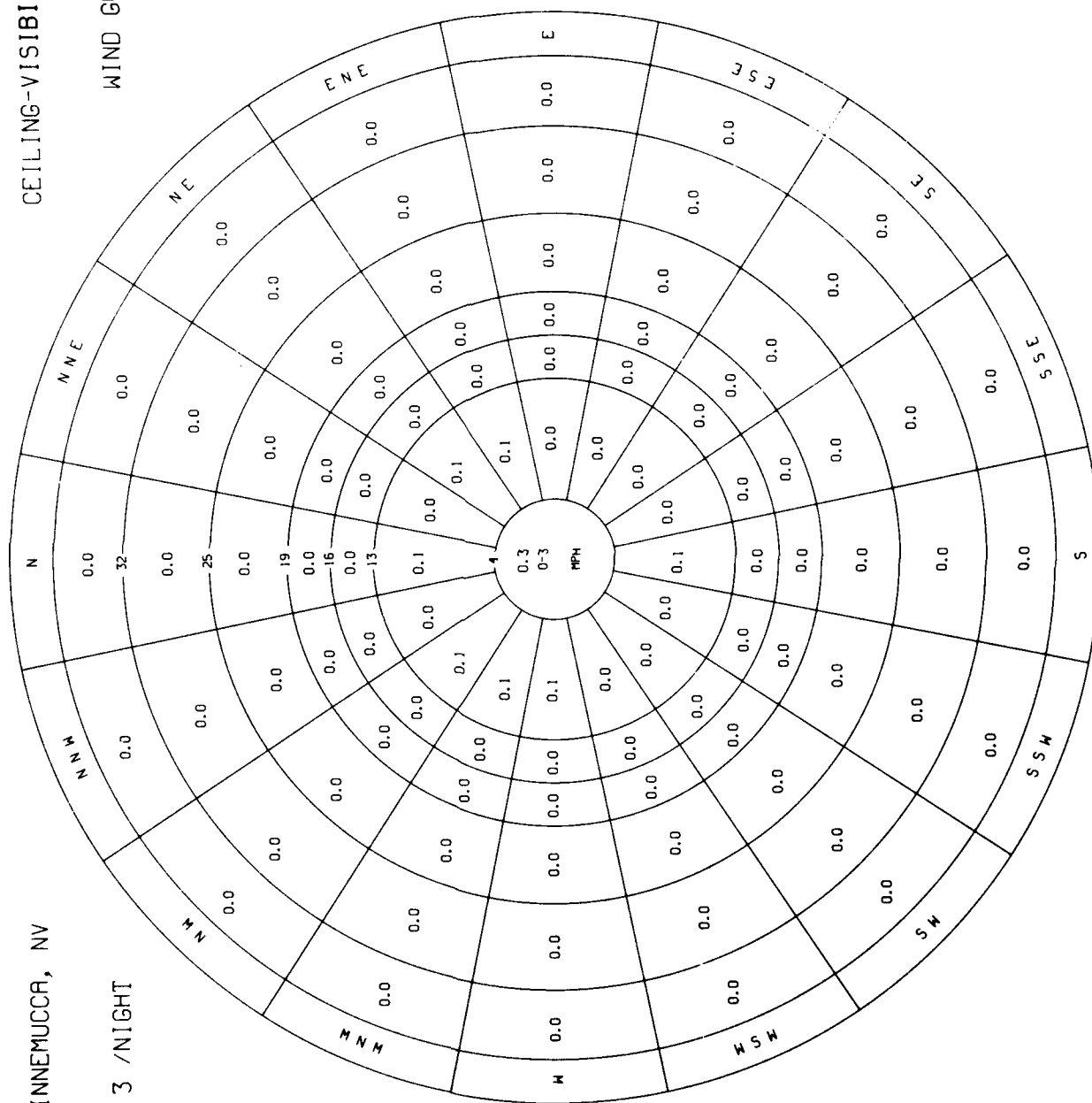
STATION NUMBER: 24128

NO. OBS.: 321

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	
N	.0	.0	.1	4.4	.0	.6	.0	.6	.0	.3	.0	.0	.0	.0	.1 5.9 10.4
NNE	.0	.3	.0	2.8	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1 4.0 9.1
NE	.0	.6	.1	5.6	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1 6.9 7.3
ENE	.0	.3	.0	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1 6.7
E	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2 6.5
ESE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2 6.5
SE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2 6.0
SSE	.0	.0	.1	3.7	.0	.6	.0	.3	.0	.3	.0	.0	.0	.0	.1 5.0 10.2
S	.0	.6	.1	9.7	.0	.9	.0	2.2	.0	.0	.0	.0	.0	.0	.2 13.4 10.0
SSW	.0	.0	.1	4.7	.0	.3	.0	.6	.0	.0	.0	.9	.0	.3	.1 6.9 12.6
SW	.0	.0	.0	2.8	.0	.0	.0	.6	.0	.3	.0	.3	.0	.0	.1 4.0 10.9
WSW	.0	.3	.1	4.0	.0	1.2	.0	.3	.0	.3	.0	.0	.0	.0	.1 6.2 10.4
W	.0	.3	.1	5.3	.0	.6	.0	.9	.0	.6	.0	.3	.0	.0	.1 8.1 10.6
WNW	.0	.6	.1	6.9	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.1 9.3 9.2
NW	.0	.0	.1	5.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1 5.9 8.5
NNW	.0	.0	.0	2.8	.0	.9	.0	.6	.0	.0	.0	.0	.0	.3	.1 5.6 13.6
CALM	.2	11.8													.2 11.8
TOTAL	.2	15.0	.9	63.9	.1	9.0	.1	7.8	.0	2.2	.0	1.6	.0	.6	1.4 100 8.7

WMC WINNEMUCCA, NV

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 3 / NIGHT

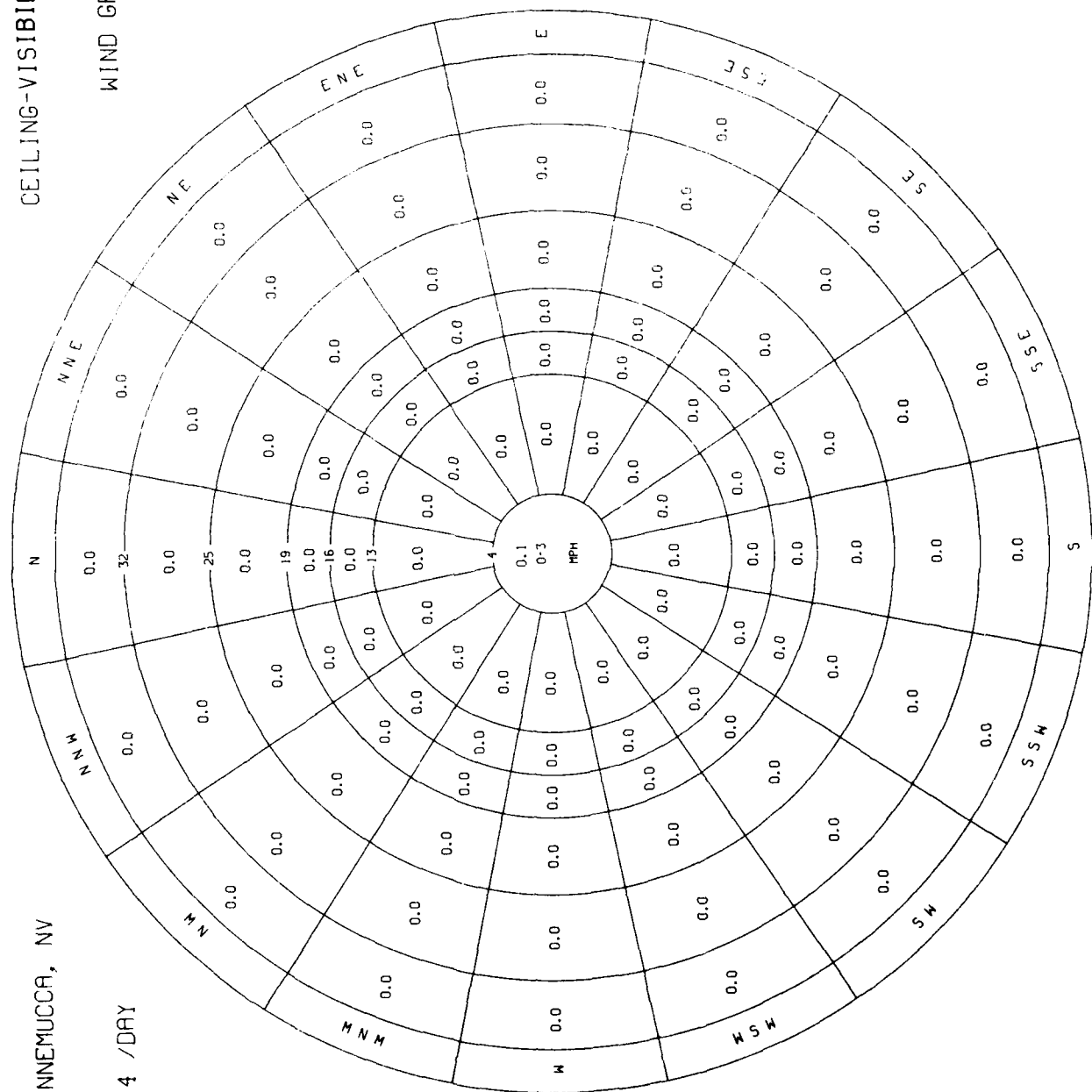
STATION NUMBER: 24128

NO. OBS.: 221

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	
N	.0	.9	.1	4.1	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.1 5.9
NNE	.0	.9	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
NE	.0	.5	.1	5.4	.0	.0	.0	.9	.0	.9	.0	.0	.0	.0	.1 7.7
ENE	.0	.5	.1	9.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1 10.4
E	.0	.9	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
ESE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SE	.0	.5	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SSE	.0	.5	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
S	.0	.0	.1	8.6	.0	1.4	.0	.0	.0	.5	.0	.0	.0	.0	.1 10.4
SSW	.0	.0	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SW	.0	.9	.0	1.4	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0 3.6
WSW	.0	.0	.0	2.7	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0 3.6
W	.0	.9	.1	6.8	.0	2.3	.0	.5	.0	.0	.0	.0	.0	.0	.1 10.4
WNW	.0	.0	.0	4.1	.0	.0	.0	.5	.0	.9	.0	.5	.0	.0	.1 5.9
NW	.0	.0	.1	5.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1 6.3
NNW	.0	.0	.0	3.6	.0	1.4	.0	.5	.0	.9	.0	.5	.0	.0	.1 6.8
CALM	.2	14.5													.2 14.5
TOTAL	.3	20.8	.8	62.9	.1	6.3	.1	4.5	.1	4.5	.0	.9	.0	.0	1.2 100
															7.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 4 / DAY

STATION NUMBER: 24128

NO. OBS.: 62

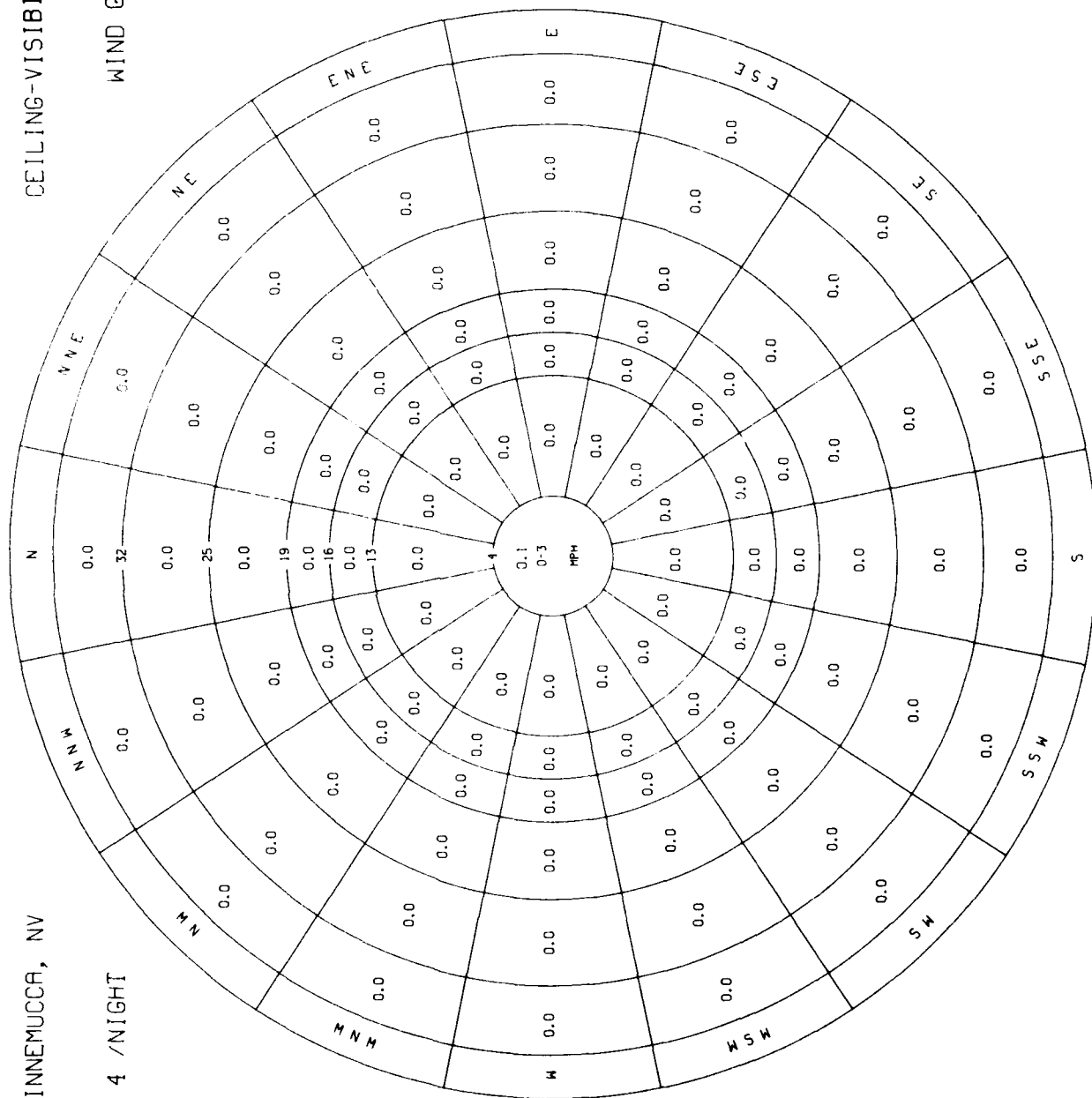
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.6	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	4.8
NNE	.0	.0	.0	4.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	6.5
NE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ENE	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
SE	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
SSE	.0	.0	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	3.2
S	.0	1.6	.0	9.7	.0	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	14.5
SSW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	1.6	.0	1.6	.0	.0	6.5
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	3.2	.0	3.2	.0	.0	.0	.0	.0	1.6	.0	.0	8.1
W	.0	.0	.0	1.6	.0	3.2	.0	.0	.0	.0	.0	3.2	.0	.0	8.1
WNW	.0	.0	.0	6.5	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	8.1
NW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
NNW	.0	1.6	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	3.2
CALM	.1	22.6													22.6
TOTAL	.1	29.0	.1	45.2	.0	16.1	.0	.0	.0	3.2	.0	6.5	.0	.0	100
															8.1

CEILING-VISIBILITY

WIND GRAPH

WMC WINNEMUCCA, NV

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 4 / NIGHT

STATION NUMBER: 24128

NO. OBS.: 53

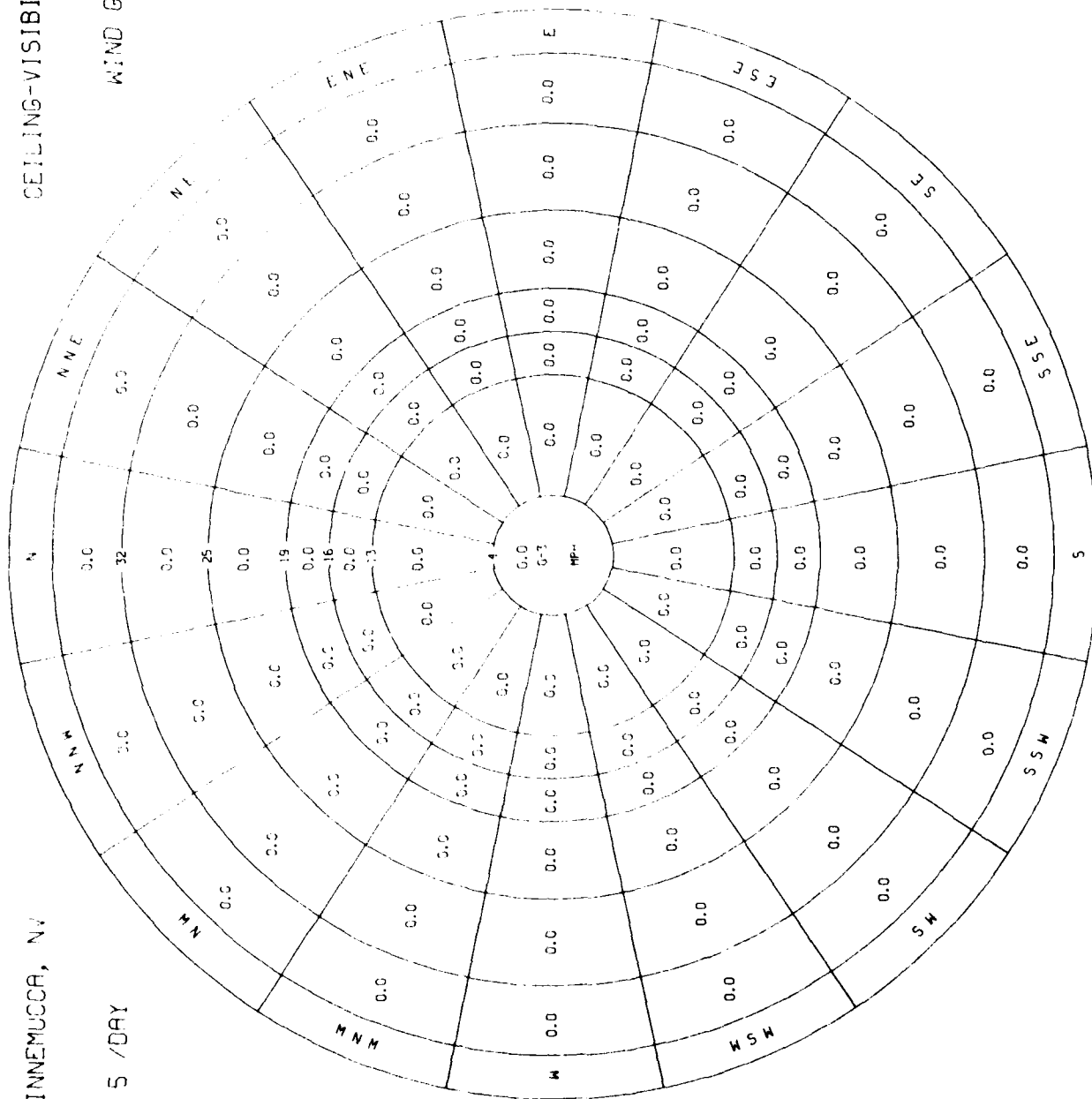
O I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	3.8	.0	9.4	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.1	17.0	7.9
NNE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
NE	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.7
ENE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.0
E	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	13.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
SSE	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.3
S	.0	5.7	.0	1.9	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	9.4	6.4
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
WSW	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.5
W	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.5
WNW	.0	.0	.0	7.5	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	9.4	8.6
NW	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.3
NNW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	5.7	10.3
CALM	.0	15.1														.0	15.1	
TOTAL	.1	30.2	.2	58.5	.0	3.8	.0	5.7	.0	1.9	.0	.0	.0	.0	.0	.3	100	6.1

CEILING-VISIBILITY

WIND GRAPH

WMC WINNEMUCCA, NV

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1965-1978

STATION NAME: WMC WINNEMUCCA, NV

CLASS 5 / DAY

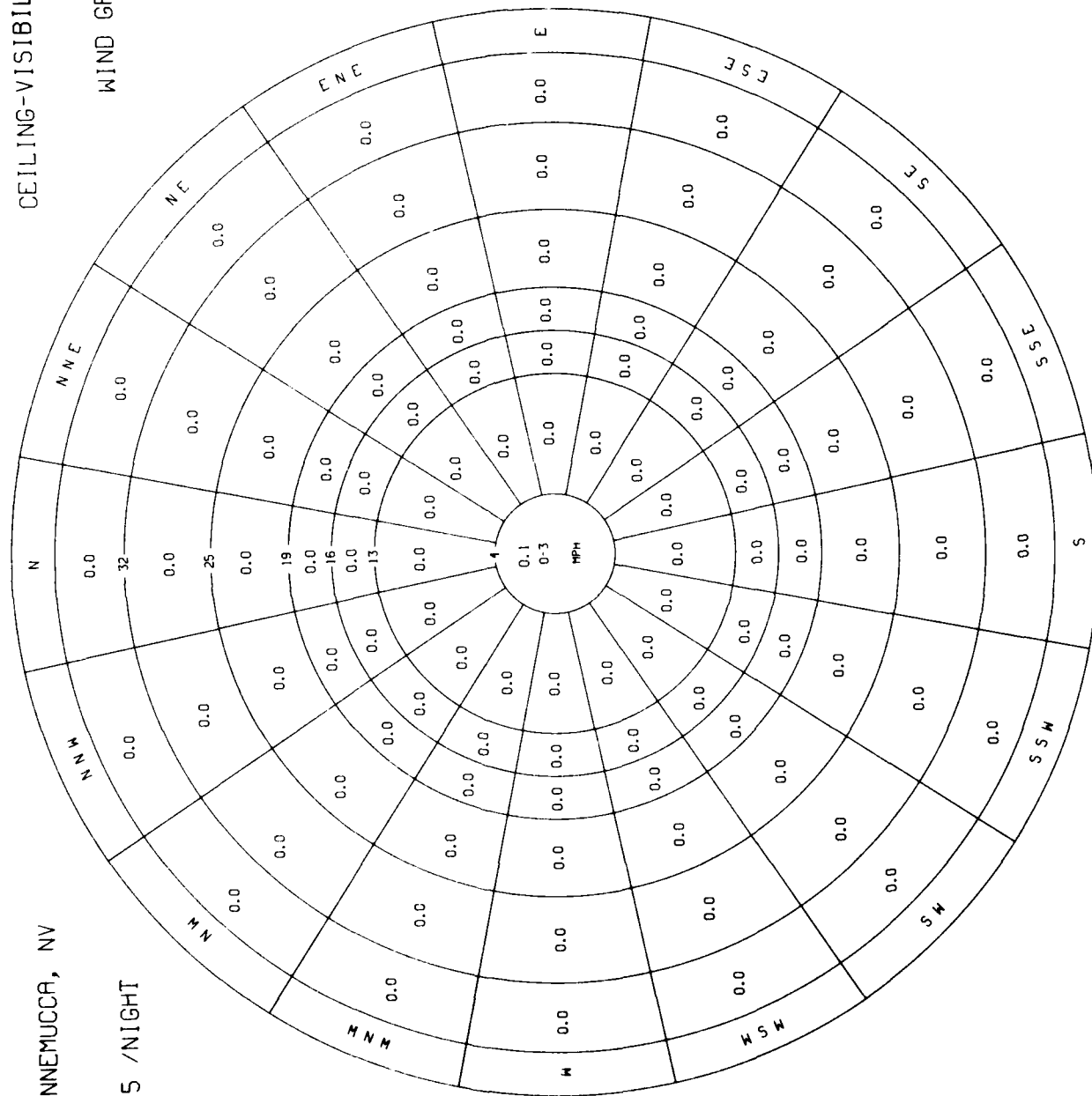
NO. OBS.: 19

STATION NUMBER: 24128

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	
N	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	5.3	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5
E	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
ESE	.0	5.3	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
S	.0	.0	.0	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5
SSW	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
SW	.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
W	.0	.0	.0	10.5	.0	.0	.0	.0	.0	5.3	.0	.0	.0	.0	15.8
WNW	.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
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	31.6													
TOTAL	.0	47.4	.0	47.4	.0	.0	.0	.0	.0	5.3	.0	.0	.0	.0	31.6
															4.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 5 / NIGHT

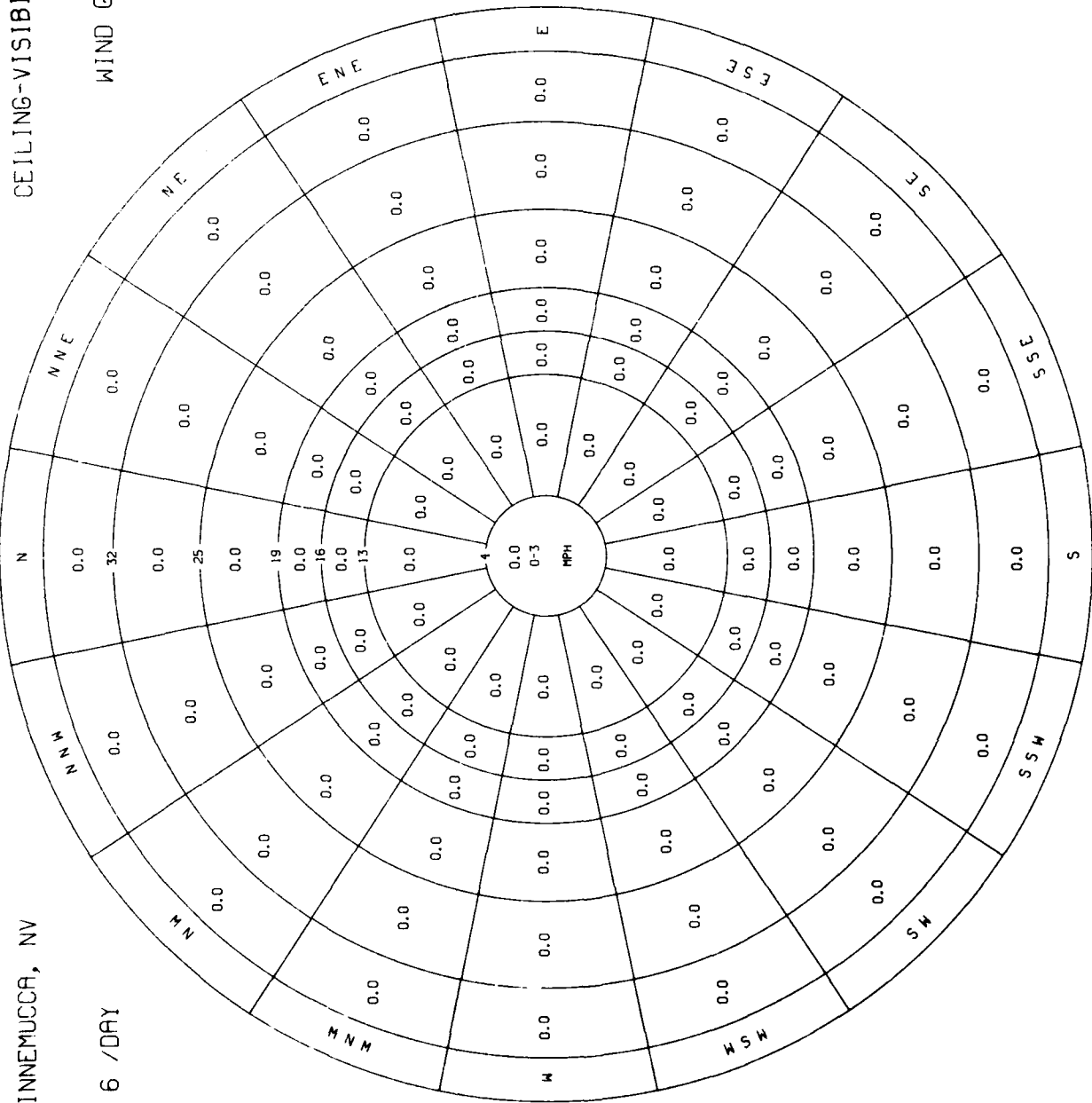
STATION NUMBER: 24128

NO. OBS.: 27

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	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
NE	.0	.0	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
ENE	.0	3.7	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
E	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
ESE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
S	.0	.0	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SSW	.0	.0	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SW	.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
W	.0	3.7	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8
WNW	.0	3.7	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
CALM	.0	22.2													22.2
TOTAL	.1	33.3	.1	66.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1965-1978

STATION NAME: WMC WINNEMUCCA, NV

CLASS 6 / DAY

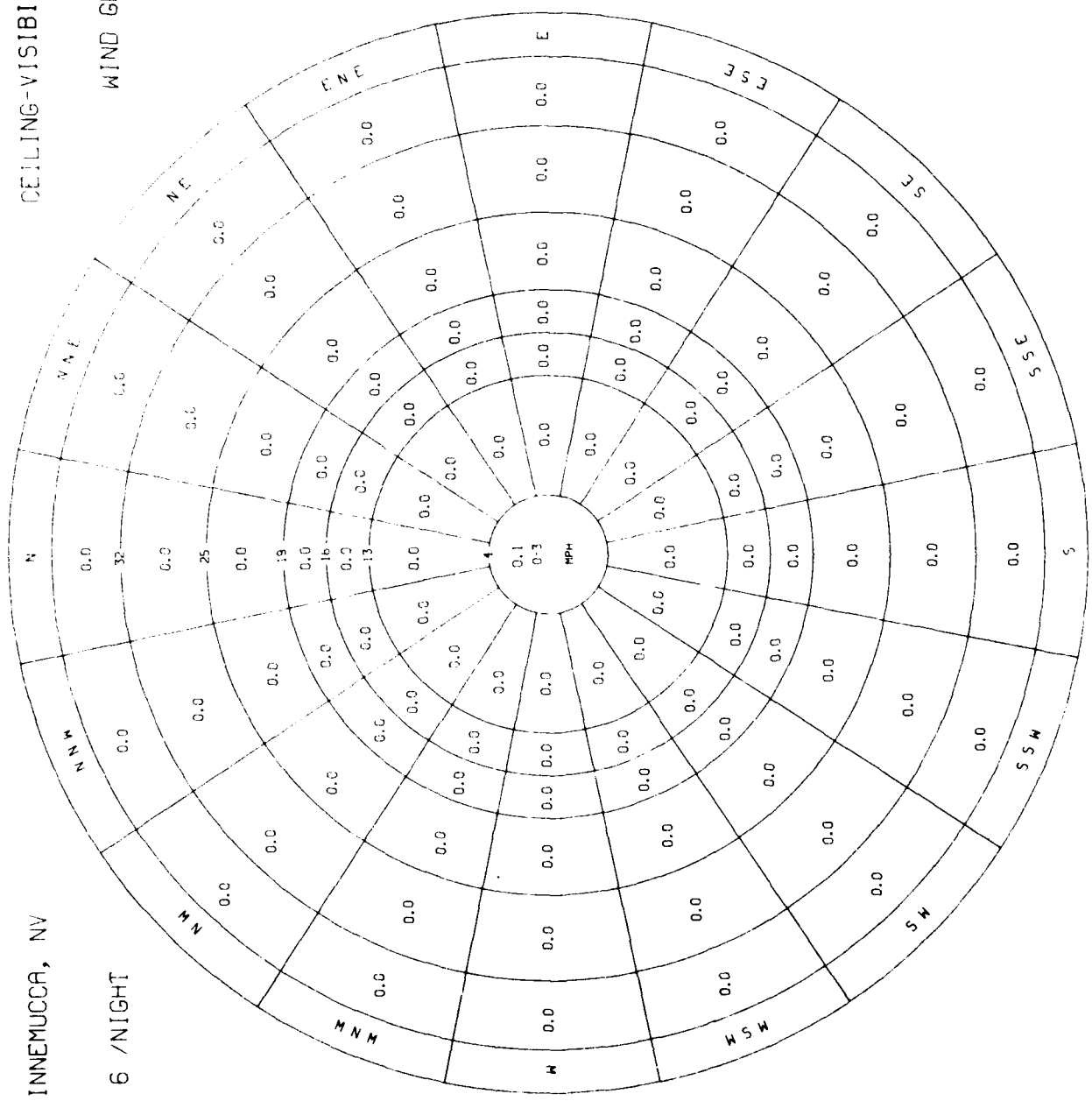
NO. OBS.: 21

STATION NUMBER: 24128

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
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	6.0
ENE	.0	4.8	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	4.0
E	.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
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	15.0
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	.0	.0
SW	.0	.0	.0	9.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	5.5
WSW	.0	.0	.0	4.8	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	9.5	11.0
W	.0	.0	.0	.0	.0	4.8	.0	4.8	.0	4.8	.0	.0	.0	.0	.0	14.3	17.7
WNW	.0	.0	.0	4.8	.0	.0	.0	.0	.0	4.8	.0	.0	.0	.0	.0	9.5	17.0
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	33.3													.0	33.3	
TOTAL	.0	38.1	.0	33.3	.0	9.5	.0	9.5	.0	9.5	.0	9.5	.0	.0	.1	100	7.4

WMC WINNEMUCCA, NV

CLASS 6 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: WMC WINNEMUCCA, NV

PERIOD: 1965-1978

CLASS 6 / NIGHT

STATION NUMBER: 24128

NO. OBS.: 19

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	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.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	
E	.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	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	15.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.8	7.0	
S	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.0	
SSW	.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	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	15.8	.0	.0	.0	.0	.0	5.3	.0	.0	.0	.0	.0	9.0	
WNW	.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	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.1	57.9												.1	57.9		
TOTAL	.1	57.9	.0	36.8	.0	.0	.0	.0	.0	5.3	.0	.0	.0	.0	1	100	
																3.3	

CEILING-VISIBILITY

WIND GRAPH

WMC WINNEMUCCA, NV

CLASS 7

