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U.S. NAVY HINDCAST SPECTR WAVE MODEL CLIM MEDITERRANEAN S

JANUARY 1990

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NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE, NC

PREPARED UNDER THE AUTHORITY OF
COMMANDER, NAVAL OCEANOGRAPHY COMMAN
STENNIS SPACE CENTER, MS 39529-5000

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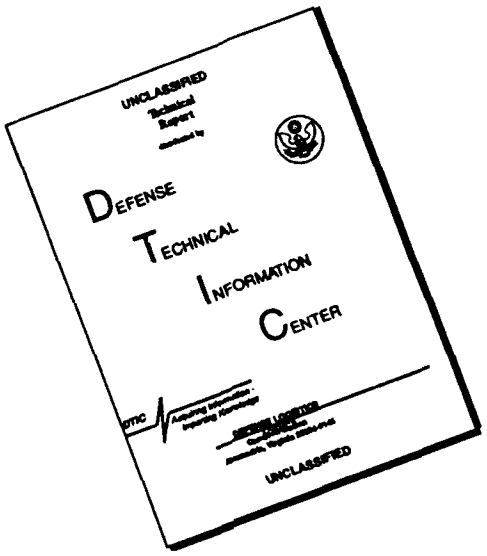

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This atlas contains climatological summaries for seven parameters based on modeled data. Included are wind speed and direction, significant wave height, wave direction, wave slope parameter, modal wave period, and directionality of the waves. The last three parameters have not appeared in previous U. S. Navy climatological atlases, because they cannot be directly derived from visual observations. This atlas provides the design, scientific and operational communities with a detailed representation of the overall wave climate of the Mediterranean Sea. Keywords: Ocean wave spectra; Mathematical mind; S. Wind direction; Ocean surface; Marine climatology; Oceanographic data [illegible]

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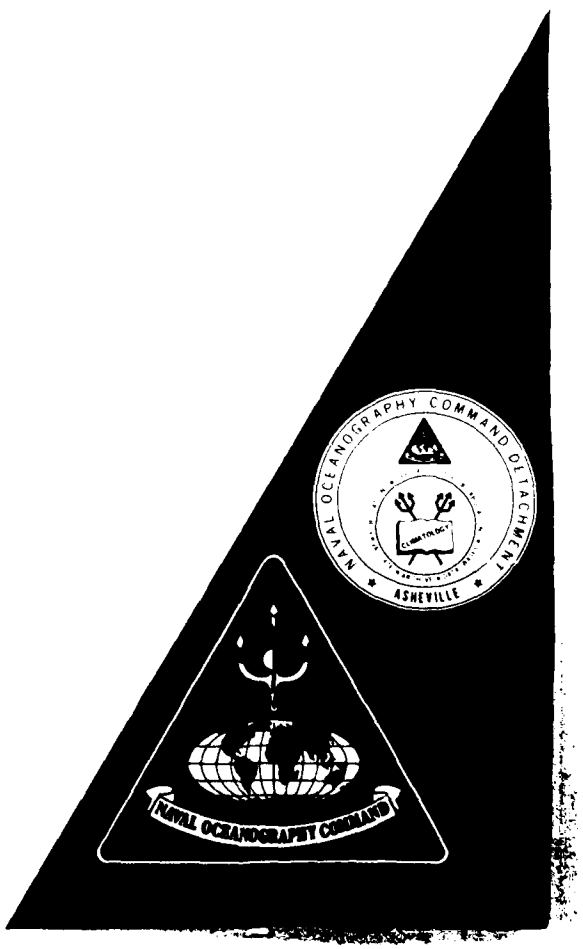

FOREWORD

The U.S. Navy Hindcast Spectral Ocean Wave Model Climatic Atlas: Mediterranean Sea was prepared for the Commander, Naval Oceanography Command (CNOC) by the Officer in Charge, Naval Oceanography Command Detachment, Asheville, North Carolina. The work was performed in Asheville at the National Oceanic and Atmospheric Administration's (NOAA) National Climatic Data Center (NCDC).

Special acknowledgement is given to the following named meteorologists of NCDC's Global Climate Laboratory (GCL): Peter M. Steurer for serving as project leader; Phala Franks for performing the parameterization of the data; and Thomas R. Karl who was instrumental in completion of work on the project. Specific acknowledgement is also made to GCL's Ronald G. Baldwin, computer programmer/analyst, for production of the computer-generated graphic presentation, and Michael G. Burgin and Scott J. Miller, Meteorological Technicians, for their drafting skills in preparation of this publication for printing.

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BACKGROUND

In December 1974 the Fleet Numerical Oceanography Center FLENUMOCEANCEN in conjunction with the Naval Oceanographic Office (NAVOCEANO) adopted the Spectral Ocean Wave Model (SOWM) developed by Dr. Willard J. Pierson and others to produce operational spectral wave data for the Northern Hemisphere. The SOWM is a computer-based procedure that produces a directional variance spectrum at specified grid points spaced at up to 180 nautical mile intervals. This spectrum defines the sea surface at each grid point through a two-dimensional (direction/frequency) matrix of 12 directions and 15 frequency bands. Further information on the theoretical basis of the SOWM is contained in Appendix A.

At the Seakeeping Workshop in July 1975, the rationale and structure of a hindcast wind and wave climatology were developed. It was concluded at that time that the hindcast climatology be intended to provide a statistical basis for evaluating the effects of the environment.

In order to summarize a set of spectra, it is often useful to generalize the most significant characteristics. The David Taylor Naval Ship Research and Development Center (DTNSRDC), with Operations Research, Inc. (ORI), developed computer programs to derive a number of numerical parameters from the spectral wave data. The National Climatic Data Center (NCDC) used many of the concepts from these programs and others written by FLENUMOCEANCEN to devise a parameterization routine which was used for this atlas.

OVERVIEW

I. PARAMETERS

This atlas contains climatological summaries for seven parameters. Four of these parameters have already been summarized in other climatic atlases (U.S. Navy, 1974 and 1987). These include wind speed and direction, significant wave height (hereafter referred to as the wave height), and wave direction, i.e., the direction from which the highest waves are moving (hereafter referred to as primary wave direction). The other three parameters contained in the wave climate summaries for this atlas are: wave slope parameter, modal wave period, and directionality of the waves (hereafter referred to as the directionality). These three parameters have not appeared in previous U. S. Navy climatological atlases, because they cannot be directly derived from visual observations. However, they can be very important operating considerations. Appendix B provides a complete description of all seven parameters. A brief description of the wave slope parameter, modal wave period, and directionality follows.

The wave slope of a regular wave is defined as the ratio of wave height to wave length. It is not normally reported, but it can be obtained from the output of the SOWM or from the frequency spectrum of a wave record. Ship rolling and hence stability is affected by the wave slopes of the higher waves encountered. The wave slope parameter is directly related to the wave slope. Therefore, the higher the wave slope parameter, the higher the wave slope. Table B3 in Appendix B relates the wave slope parameter to values of the wave slope at a fixed point. Steep waves are usually associated with wave slope parameters of 0.10 or more, while values of less than 0.05 are usually associated with more moderate conditions.

The modal wave period is defined in terms of the frequency spectrum. It is the period associated with the maximum wave energy in the wave spectrum. Modal wave periods associated with wave lengths about 0.75 and 1.25 ship lengths (depending on ship course and speed) can cause resonance pitching and heaving. The modal wave period is not necessarily equal to the wave period associated with the higher of the two waves, the sea or the swell as summarized in the past U. S. Navy climatologies (U. S. Navy, 1974).

The directionality is a measure of the uniformity of the direction of movement of the waves. If the waves are all moving in a uniform direction then the directionality is equal to one. When there is no preferred direction of wave movement (a completely confused sea state) the directionality takes on the value of 0. Obviously, ship response and maneuverability can be affected by the directional spread of the wave energy.

II. DATA

Data in this atlas are derived using winds and waves from the period January 1973 to December 1982, i.e., 10 years. Computer processing difficulties during the generation of the SOWM hindcast data caused the number of hindcasts to vary among grid points. As a result, approximately 10% of all the data were lost during the 10-year hindcast period, 1973-1982 (Steurer, 1988).

ISOPLETH ANALYSES

Isopleth analyses were completed for various thresholds for the percent frequency of wind speed, wave height, and the wave slope parameter. These analyses were based on nearly 220 grid points, 63 of which are also used in tabular presentations. All points are depicted on the Mediterranean Sea map (Fig. 1). The 63 grid points also used in tabular summaries are listed in Table 1.

The Mediterranean Sea contains many areas of shallow water (< 100 fathoms) due to the large number of peninsulas and island groups. Since SOWM is a general purpose deep-water model, care should be taken when interpreting the analyses for shallow-water applications. The gray line in Figure 1 is in fact the 100 fathom isobath.

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Unlike previous SOWM atlases (U.S. Navy, 1983 and 1985), isopleth analyses are shown in areas of less than 100 fathoms. This was done in order to provide more continuous analyses which would be less confusing to the user.

CONTINGENCY TABLES

Contingency tables for 63 grid points are presented for the following elements:

(1) Wind direction and speed;

(2) Wave height and wind speed;

(3) Wave height and wave slope parameter;

(4) Wave height and period;

(5) Wave height and directionality;

(6) Wave height and primary wave direction;

(7) Primary wave direction and wind direction.

Fig. 1 GRID POINT AND SE(

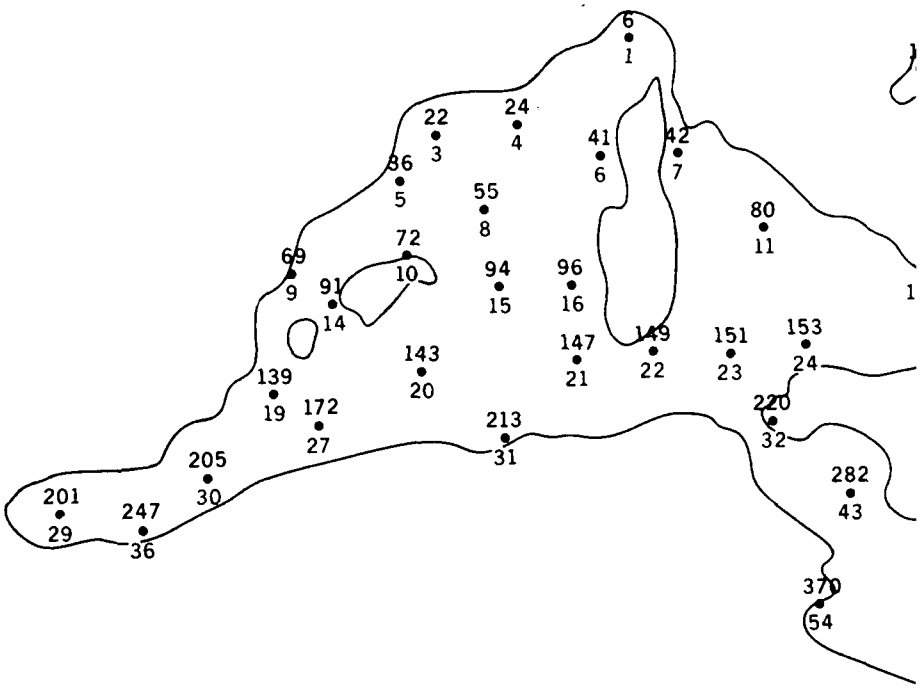


Fig. 1 GRID POINT AND SEQUENCE NUMBERS

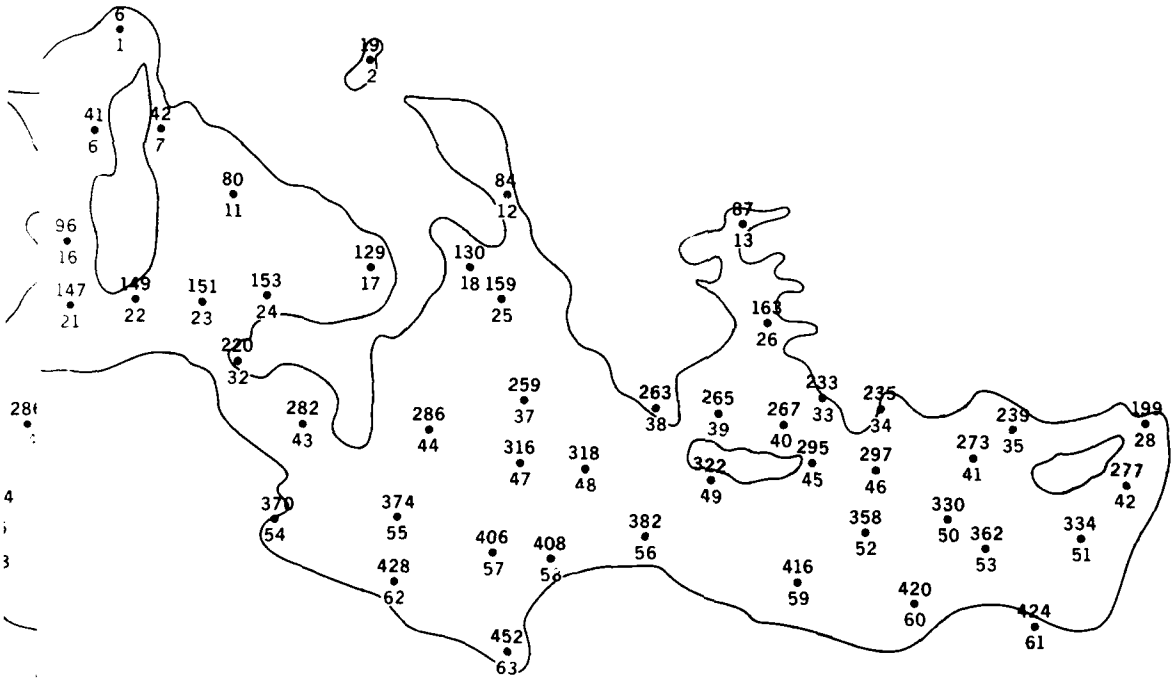


Table 1
Grid Points Included In Tabular Summaries

Sequence #	Grid Point	Latitude	Longitude
1	006	43.9N	08.9E
2	019	43.3N	15.3E
3	022	42.3N	04.5E
4	024	42.5N	06.3E
5	036	41.6N	03.7E
6	041	41.9N	08.1E
7	042	42.0N	09.9E
8	055	41.1N	05.5E
9	069	40.1N	01.2E
10	072	40.3N	03.8E
11	080	40.7N	11.7E
12	084	40.6N	18.8E
13	087	40.1N	24.9E
14	091	39.5N	02.2E
15	094	39.8N	05.7E
16	096	39.8N	07.4E
17	129	39.3N	15.2E
18	130	39.3N	17.8E
19	139	38.0N	00.7E
20	143	38.3N	04.1E
21	147	38.5N	07.5E
22	149	38.6N	09.2E
23	151	38.6N	10.9E
24	153	38.7N	12.6E
25	159	38.6N	18.6E
26	163	38.1N	25.4E
27	172	37.4N	01.7E
28	199	36.0N	35.2E
29	201	36.0N	04.0W
30	205	36.5N	00.7W
31	213	37.1N	05.9E
32	220	37.3N	11.8E
33	233	36.6N	26.9E
34	235	36.4N	28.5E
35	239	35.9N	31.8E
36	247	35.6N	02.2W
37	259	36.5N	19.3E
38	263	36.3N	22.6E
39	265	36.2N	24.3E
40	267	36.0N	25.9E
41	273	35.3N	30.8E
42	277	34.7N	34.8E
43	282	36.0N	13.5E
44	286	35.9N	16.8E
45	295	35.2N	26.6E
46	297	35.0N	28.3E
47	316	35.2N	19.2E
48	318	35.1N	20.8E
49	322	34.8N	24.1E
50	330	34.0N	30.5E
51	334	33.5N	33.6E
52	358	33.7N	28.0E
53	362	33.3N	31.1E
54	370	34.0N	12.7E
55	374	34.0N	15.9E
56	382	33.6N	22.3E
57	406	33.2N	18.3E
58	408	33.1N	19.9E
59	416	32.6N	26.2E
60	420	32.2N	29.3E
61	424	31.7N	32.4E
62	428	32.6N	15.9E
63	452	31.2N	18.9E

The values in these tables are percent frequencies rounded to the nearest whole percent. Values less than 0.5% but greater than 0% are depicted by a '+'.

The left side of each contingency table has a percentage scale for the bar graphs associated with the categories indicated along the bottom of the table. The height of the bar graphs was determined by adding the values within each column. Similarly, the percent frequencies in the column denoted by a 'T' (total) were obtained by summing the percent frequencies across each row. Rounding may cause minor differences between printed totals and total cell counts. By adding down or up the 'T' column or across the bar graphs at the bottom of the table, it is possible to obtain the cumulative percent frequency of a parameter below or above some specified threshold value.

In the following four contingency tables: wind direction and speed, wave height and wind speed, wave height and wave slope, and wave height and directionality the mean value of one of the two parameters associated with each contingency table is displayed just above the upper left corner. The number of hindcasts that was available for all seven tables is also shown at the top of each table. When SOWM hindcast data were not retained due to insufficient wave energy, all parameters were assumed to be zero including the wind speed and direction. Wind speeds were rounded to the nearest whole knot before tabulating the frequency statistics. Directions are those from which the wind or wave is coming. Detailed instructions describing how to read each of the various types of contingency tables are contained in the 'Legends for Tables'. Some potential uses for the contingency tables are demonstrated in Appendix C.

DURATION AND INTERVAL TABLES

Duration and Interval Tables were prepared for:

(1) Wind speed;

(2) Significant wave height;

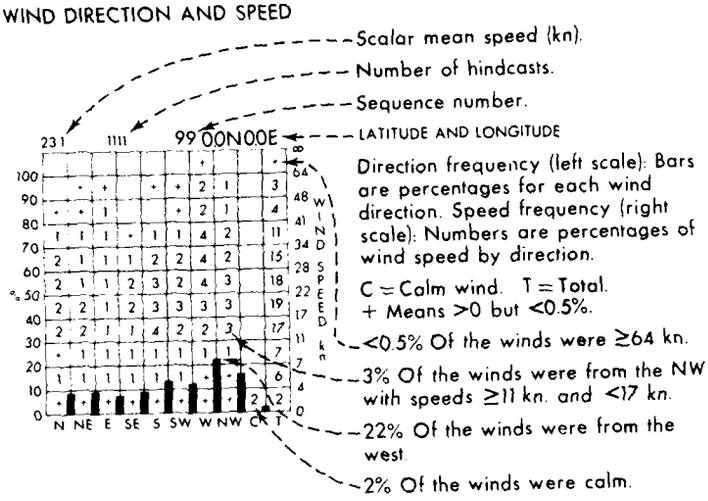
(3) Wave slope parameter.

The tables contain objective compilations for 63 grid points on a seasonal basis, and also without regard to season (All Data). Since grid points may be representative of relatively small geographical areas surrounding the points, interpolation may be necessary if data are required for areas between grid points.

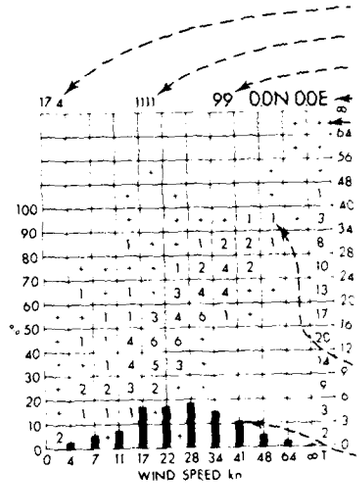
Episodes of durations (continuous hours or days) of events and episodes of intervals (continuous hours or days) between events were tallied for various thresholds. These tables give an indication of how long an episode is likely to last once it has begun. For convenience, the time an episode persisted above a given threshold is arbitrarily referred to as a "duration" of the event. The times in between episodes have been termed "intervals." Data have been summarized on a seasonal basis as opposed to monthly summaries. This was deemed most appropriate because even with 10 years of hindcast data the embedded missing data makes the sample too small to provide representative durations and intervals for long episodes of wind and wave conditions. The winter season consisted of months January through March, spring - April through June, summer - July through September, and autumn - October through December, (World Meteorological Organization, 1981). Additional information on the construction and use of the duration and interval tables, including examples of their applications, is included in Appendix D and in the 'Legends for Tables.'

LEGENDS FOR TABLES

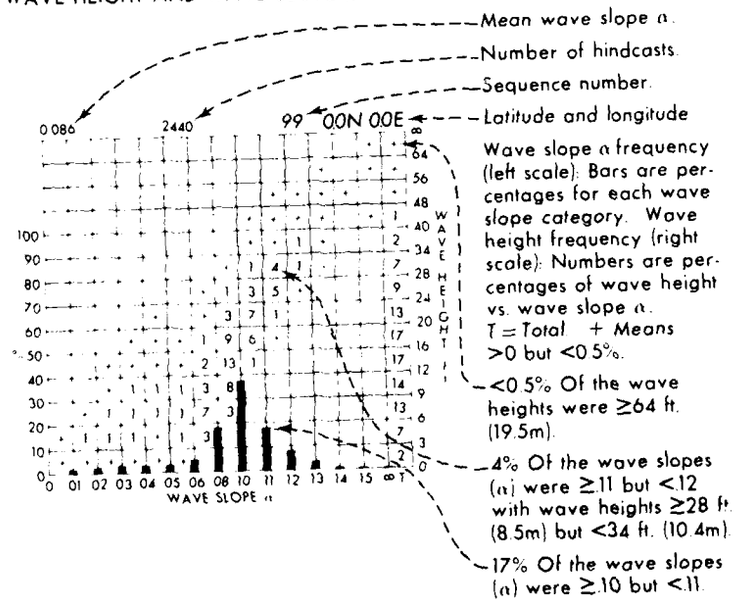
WIND DIRECTION AND SPEED



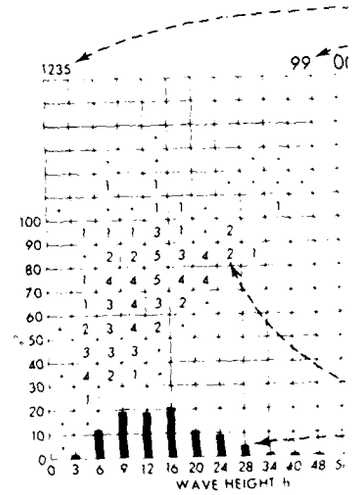
WAVE HEIGHT AND WIND SPEED

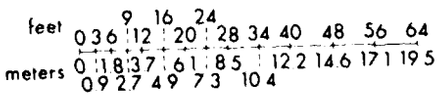


WAVE HEIGHT AND WAVE SLOPE α



WAVE HEIGHT AND MODAL WAV





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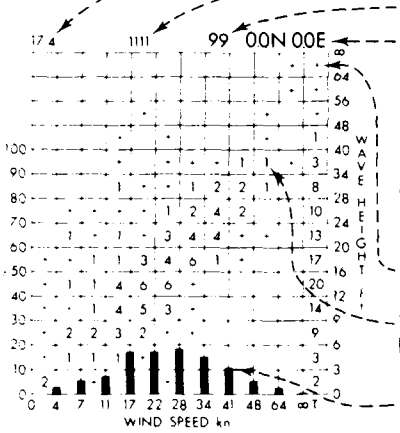
WAVE HEIGHT AND WIND SPEED



Mean wave height (ft).

Number of hindcasts.

Sequence number.

LATITUDE AND LONGITUDE

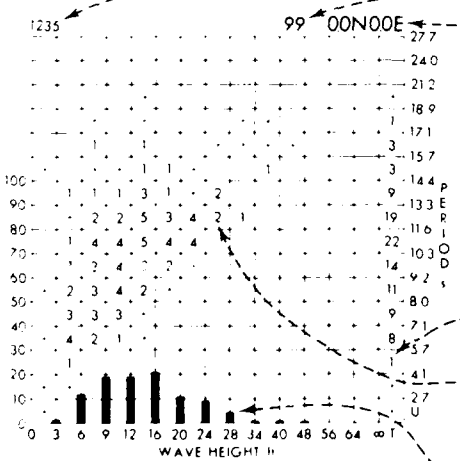
Wind speed frequency (left scale): Bars are percentages for each wind speed category. Wave height frequency (right scale): Numbers are percentages of wave height for various wind speeds. T = Total. + Means >0 but <0.5%.

<0.5% Of the wave heights were ≥64 ft. (19.5m).

1% Of the winds were ≥48 kn. but <64 kn. with wave heights ≥34 ft. (10.4m) but <40 ft. (12.2m).

11% Of the wind speeds were ≥34 kn. but <41 kn.

WAVE HEIGHT AND MODAL WAVE PERIOD



Number of hindcasts.

Sequence number.

Latitude and longitude

Wave height frequency (left scale): Bars are percentages for each wave height category. Period frequency (right scale): Numbers are percentages of wave height vs. period.
T = Total. U = Undefined. + Means >0 but <0.5%.

1% Of the wave periods were ≥4.1 s. but <5.7 s.

2% Of the wave heights were ≥24 ft. (7.3m) but <28 ft. (8.5m) with periods ≥11.6 s. but <13.3 s.

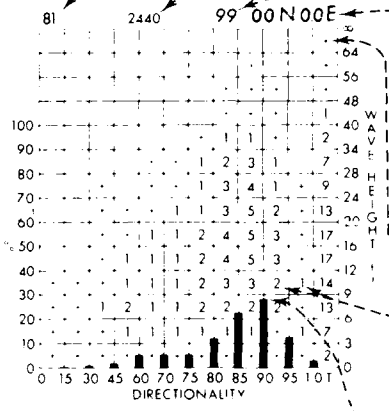
4% Of the wave heights were ≥24 ft. (7.3m) but <28 ft. (8.5m)

24
0 28 34 40 48 56 64
1 8.5 12.2 14.6 17.1 19.5
7.3 10.4

x. E

LEGENDS FO

WAVE HEIGHT AND DIRECTIONALITY



Mean directionality

Number of hindcasts

Sequence number

Latitude and longitude

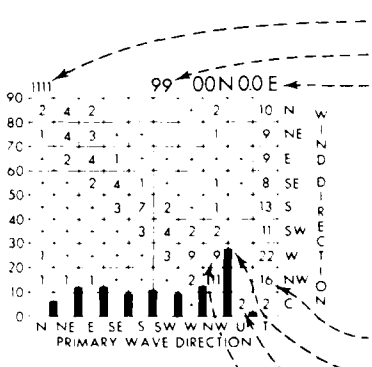
Directionality frequency (left scale): Bars are percentages for each directionality category. Wave height frequency (right scale): Numbers are percentages of directionality values vs. wave height. T = Total + Means >0 but <0.5%.

<0.5% Of the wave heights were ≥64 ft. (19.5m).

1% Of the directionality values were ≥95 but ≤100 with wave heights ≥9 ft. (2.7m) but <12 ft. (3.7m) and 2% of the directionality values were ≥90 but <95.

28% Of the directionality values were ≥85 but <90

PRIMARY WAVE DIRECTION AND WIND



feet 0 3 6 9 12 16 20 24 28 3

meters 0 1 8 3 7 6 1 8 5 0 9 2 7 4 9 7 3 1

LEGENDS FOR TABLES

Mean directionality

Number of hindcasts

Sequence number

Latitude and longitude

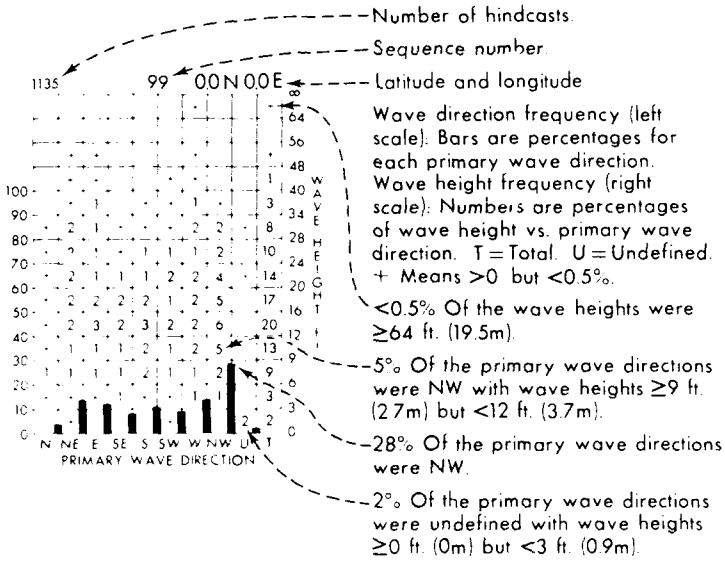
Directionality frequency (left scale): Bars are percentages for each directionality category. Wave height frequency (right scale): Numbers are percentages of directionality values vs wave height. T = Total. + Means >0 but <0.5%.

<0.5% Of the wave heights were ≥64 ft. (19.5m).

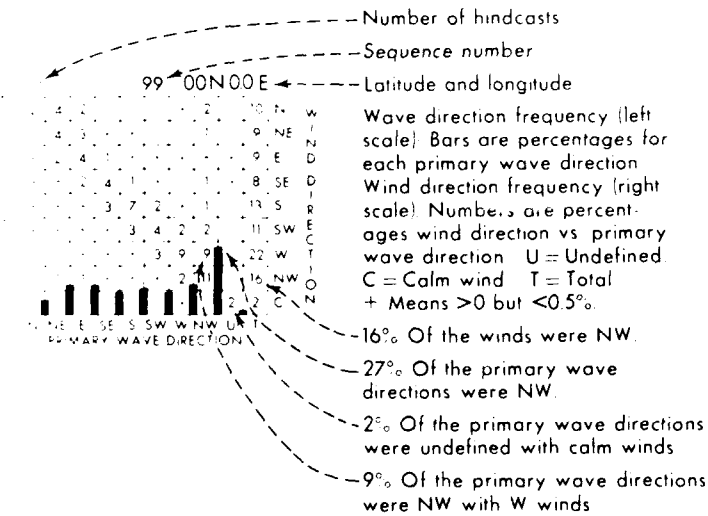
Of the directionality values were ≥95 but ≤100 with wave heights ≥9 ft. (2.7m) but <12 ft. (3.7m) and 2% of the directionality values were ≥90 but <95.

28% Of the directionality values were ≥85 but <90

WAVE HEIGHT AND PRIMARY WAVE DIRECTION



MARY WAVE DIRECTION AND WIND DIRECTION

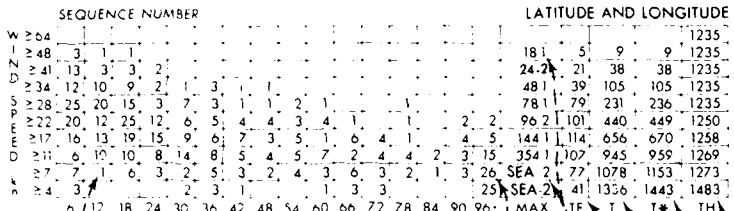


feet 0 3 6 9 12 16 20 24 28 34 40 48 56 64

meters 0 1 8 3 7 6 1 8 5 9 2 7 4 9 7 3 10 4 12 2 14 6 17 1 19 5

LEGENDS FOR TABLES

WIND SPEED DURATIONS - SEASONAL



1 Event with wind speeds ≥7 kn. persisted 12 hours; 26 events persisted ≥96 hours.

The longest event with wind speeds ≥7 kn. persisted for 1 season or more and it occurred 2 times.

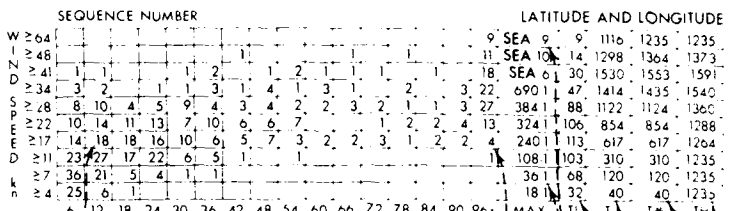
The longest event with wind speeds ≥48 kn. persisted 18 hours and it occurred 1 time.

41 Events had wind speeds ≥4 kn. which comprised a total of 1,336 hindcasts.

1,483 Hindcasts were examined, and 1,443 had wind speeds ≥4 kn.

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

WIND SPEED INTERVALS - SEASONAL



There were 18 12-hour intervals between events of wind speeds ≥17 kn.; 4 intervals persisted 96 hours or more.

The longest interval between events of wind speeds ≥7 kn. was 36 hours and it occurred 1 time.

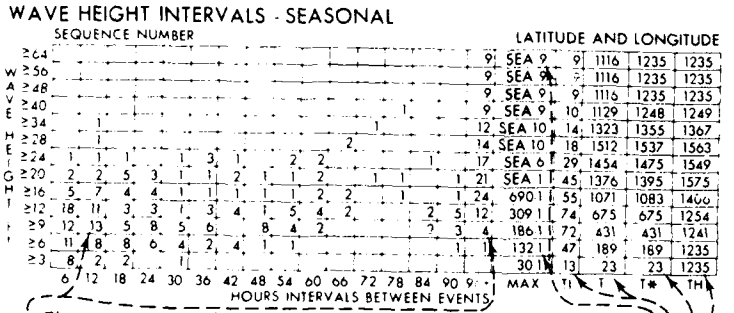
The longest interval between events of wind speeds ≥64 kn. was 1 season or more and it occurred 9 times.

There were 32 intervals between events of wind speeds ≥4 kn. which comprised a total of 40 hindcasts.

1,235 Hindcasts were examined, and 40 had wind speeds <4 kn.

Intervals for a particular season extend from the time the event ends (or the first day of the season the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

WAVE HEIGHT INTERVALS - SEASONAL



There were 13 12-hour intervals between events of wave heights ≥9 ft. (2.7m); 4 intervals persisted 96 hours or more.

The longest interval between events of wave heights ≥6 ft. (1.8m) was 132 hours and it occurred 1 time.

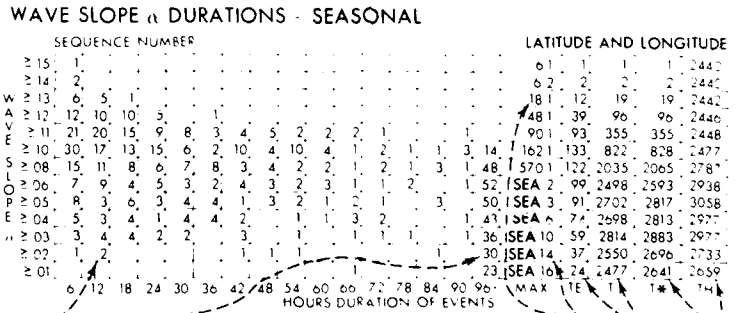
The longest interval between events of wave heights ≥64 ft. (19.5m) was 1 season or more and it occurred 9 times.

There were 13 intervals between events of wave heights ≥3 ft. (0.9m) which comprised a total of 23 hindcasts.

1,235 Hindcasts were examined, and 23 had wave heights <3 ft. (0.9m).

Intervals for a particular season extend from the time the event ends (or the first day of the season if the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

WAVE SLOPE α DURATIONS - SEASONAL



2 Events with α ≥0.02 persisted 12 hours; 30 events persisted ≥96 hours.

The longest event with α ≥0.13 persisted 18 hours and it occurred 1 time.

The longest event with α ≥0.02 persisted for 1 season or more and it occurred 14 times.

24 Events had α ≥0.01 which comprised a total of 2,477 hindcasts.

2,659 Hindcasts were examined, and 2,641 had α ≥0.01.

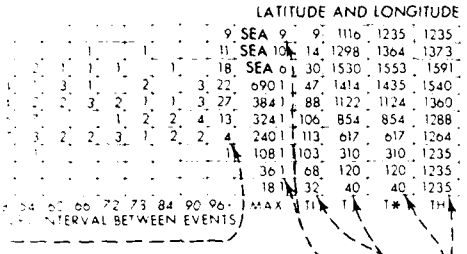
Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

ABBREVIATIONS (See text for details)

MAX. Maximum duration or interval, followed by the number of occurrences
TE or TI: Total number of events or intervals.
T: Total number of hindcasts included in TE or TI.
T*: Total number of hindcasts that met the stated criteria
TH: Total number of hindcasts examined.

)S FOR TABLES

SEASONAL



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examined, and 40 had wind speeds <4 kn.

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Intervals may persist into the next season.

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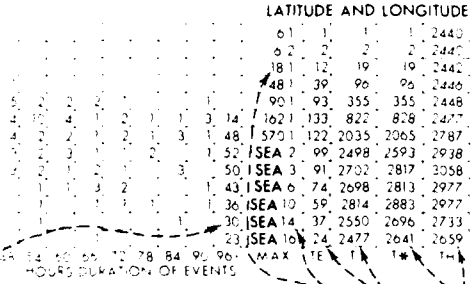

)2 persisted 12 hours, 30 events persisted

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ends. Events become undefined if missing data
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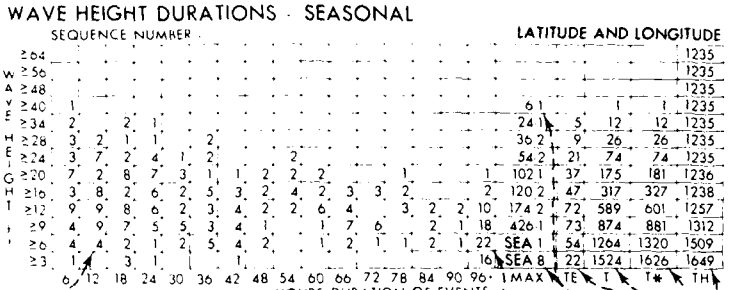
may persist into the next season

currences

WAVE HEIGHT DURATIONS - SEASONAL



4 Events with wave heights ≥6 ft. (1.8m) persisted 12 hours; 22 events persisted ≥96 hours.

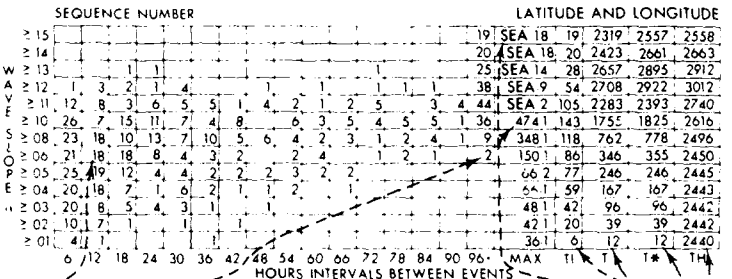
The longest event with wave heights ≥3 ft. (0.9m) persisted 1 season or more and it occurred 8 times.
The longest event with wave heights ≥40 ft. (12.2m) persisted for 6 hours and it occurred 1 time.

22 Events had wave heights ≥3 ft. (0.9m) which comprised a total of 1,524 hindcasts.

1,649 Hindcasts were examined, and 1,626 had wave heights ≥3 ft. (0.9m).

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season

WAVE SLOPE α INTERVALS - SEASONAL



There were 18 12-hour intervals between events of wave slopes ≥0.06; 2 intervals persisted 96 hours or more.

The longest interval between events of wave slopes ≥0.10 was 474 hours and it occurred 1 time.
The longest interval between events of wave slopes ≥0.15 was 1 season or more and it occurred 18 times.

There were 6 intervals between events of wave slopes ≥0.01 which comprised a total of 12 hindcasts.

2,440 Hindcasts were examined, and 12 had wave slopes <0.01.

Intervals for a particular season extend from the time the event ends (or the first day of the season if the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

feet 9 16 24
0 3 6 12 20 28 34 40 48 56 64
meters 0 1 8 3 7 6 1 8 5 12 2 14 6 17 1 19 5
0 9 2 7 4 9 7 3 10 4

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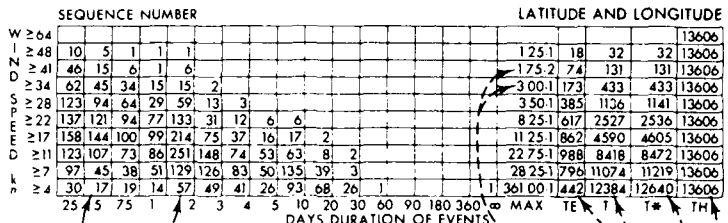
WIND SPEED DURATIONS - ENTIRE DATA SET



17 Events with wind speeds ≥4 kn. persisted 0.5 day; 57 events persisted >1 day but ≤2 days.

The longest event with wind speeds ≥41 kn. persisted 1.75 days and it occurred 2 times.

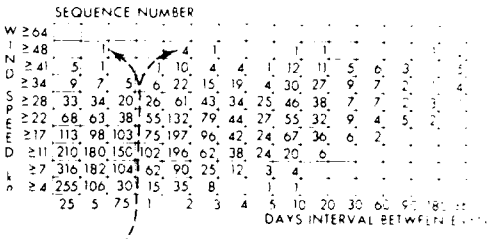
The longest event with wind speeds ≥34 kn. persisted 3 days and it occurred 1 time.

442 Events had wind speeds ≥4 kn. which comprised a total of 12,384 hindcasts

13,606 Hindcasts were examined, and 12,640 had wind speeds ≥4 kn

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered.

WIND SPEED INTERVALS - ENTIRE DATA SET



1 Interval between events of wind speeds ≥4 day; 4 intervals persisted >1 day but ≤2 day

The longest interval between events of wind sp 6.25 days and it occurred 1 time

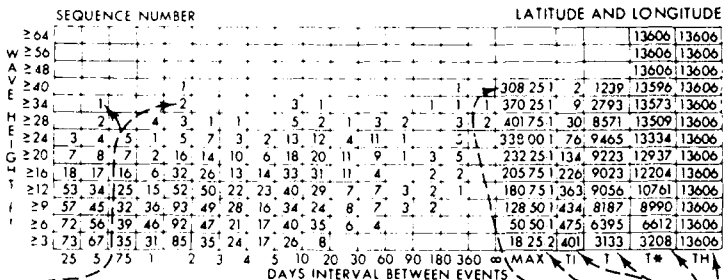
The longest interval between events of wind sp 8.75 days and it occurred 2 times

There were 451 intervals between events of w ≥4 kn which comprised a total of 963 hindca

13,606 Hindcasts were examined, and 966 had

Intervals extend from the time the event ends the event begins. Intervals become undefined encountered.

WAVE HEIGHT INTERVALS - ENTIRE DATA SET



1 interval between events of wave heights ≥34 ft. (10.4m) persisted 0.5 day; 2 intervals persisted >1 day but ≤2 days.

The longest interval between events of wave heights ≥3 ft. (0.9m) was 18.25 days and it occurred 2 times.

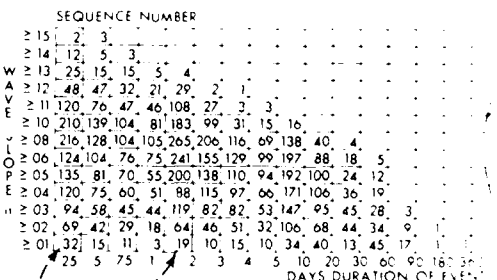
The longest interval between events of wave heights ≥40 ft. was 308.25 days and it occurred 1 time.

There were 401 intervals between events of wave heights ≥3 ft. (0.9m) which comprised a total of 3,133 hindcasts.

13,606 Hindcasts were examined, and 3,208 had wave heights <3 ft. (0.9m).

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

WAVE SLOPE α DURATIONS - ENTIRE DATA SET



32 Events with α ≥0.01 persisted 25 day, 19 e day but ≤2 days.

The longest event with α ≥0.12 persisted 3.25 occurred 1 time.

The longest event with α ≥0.13 persisted 1.50 2 times

267 Events had α ≥0.01 which comprised a to hindcasts.

29,016 Hindcasts were examined, and 28,054

Durations extend from the time the event beg when the event ends. Events become undefin encountered.

ABBREVIATIONS (See text for details)

MAX: Maximum duration or interval, followed by the number of occurrences

TE or TI: Total number of events or intervals.

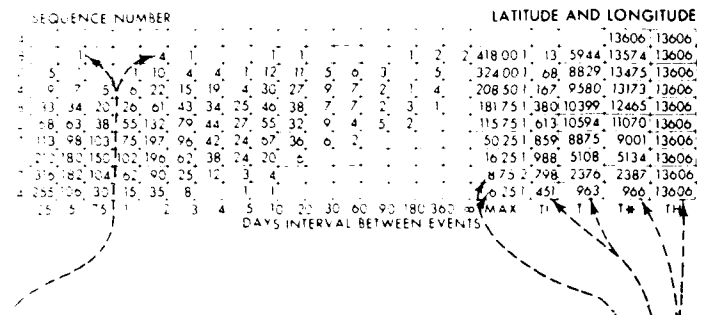
T: Total number of hindcasts included in TE or TI.

T*: Total number of hindcasts that met the stated criteria

TH: Total number of hindcasts examined.

LEGENDS FOR TABLES

ND SPEED INTERVALS - ENTIRE DATA SET



-1 Interval between events of wind speeds ≥48 kn persisted 0.5 day, 4 intervals persisted >1 day but ≤2 days

The longest interval between events of wind speeds ≥4 kn was 6.25 days and it occurred 1 time

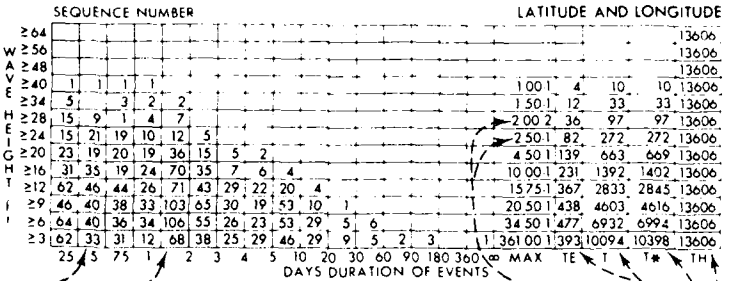
The longest interval between events of wind speeds ≥7 kn was 8.75 days and it occurred 2 times

There were 451 intervals between events of wind speeds ≥4 kn which comprised a total of 963 hindcasts

13,606 Hindcasts were examined, and 966 had wind speeds <4 kn

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered

WAVE HEIGHT DURATIONS - ENTIRE DATA SET



33 Events with wave heights ≥3 ft. (0.9m) persisted 0.5 day, 68 events persisted >1 day but ≤2 days.

The longest event with wave heights ≥28 ft. (8.5m) persisted 2 days and occurred 2 times.

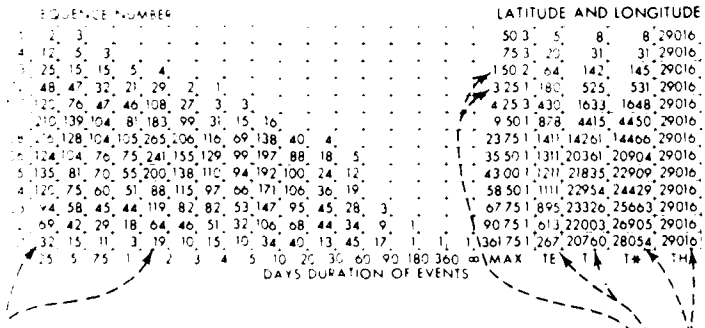
The longest event with wave heights ≥24 ft. (7.3m) persisted 2.5 days and occurred 1 time

393 Events had wave heights ≥3 ft. (0.9m) which comprised a total of 10,094 hindcasts

13,606 Hindcasts were examined, and 10,398 had wave heights ≥3 ft. (0.9m).

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered

AVE SLOPE α DURATIONS - ENTIRE DATA SET



-32 Events with α ≥0.01 persisted .25 day, 19 events persisted >1 day but ≤2 days

The longest event with α ≥0.12 persisted 3.25 days and it occurred 1 time

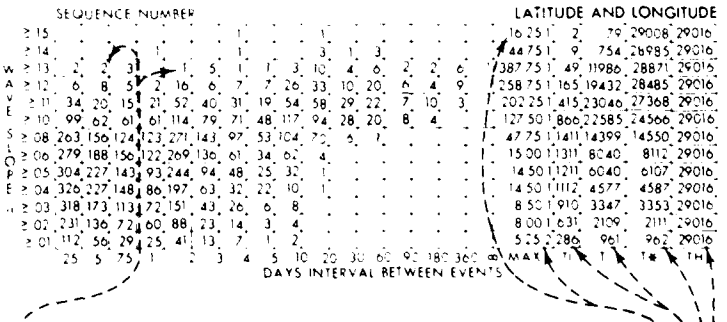
The longest event with α ≥0.13 persisted 1.50 days and it occurred 2 times

267 Events had α ≥0.01 which comprised a total of 20,760 hindcasts

29,016 Hindcasts were examined, and 28,054 had α ≥0.01

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered

WAVE SLOPE α INTERVALS - ENTIRE DATA SET



-2 Intervals between events of wave slopes ≥0.13 persisted 0.5 day, 1 interval persisted >1 day but ≤2 days.

The longest interval between events of wave slopes ≥0.15 was 16.25 days and it occurred 1 time

The longest interval between events of wave slopes ≥0.01 was 5.25 days and it occurred 2 times

There were 286 intervals between events of wave slopes ≥0.01 which comprised a total of 961 hindcasts.

29,016 Hindcasts were examined, and 962 had wave slopes <0.01

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

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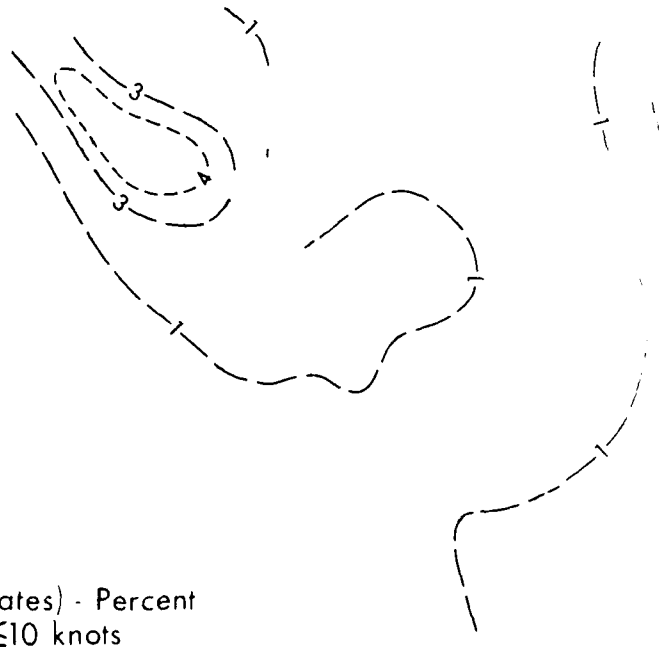
feet 0 3 6 9 12 16 20 24 28 34 40 48 56 64

meters 0 1 8 3 7 6 1 8 5 1 2 2 1 4 6 1 7 1 1 9 5 0 9 2 7 4 9 7 3 1 0 4

WIND SPEED (≤10 AND ≥34 KNOTS)



Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

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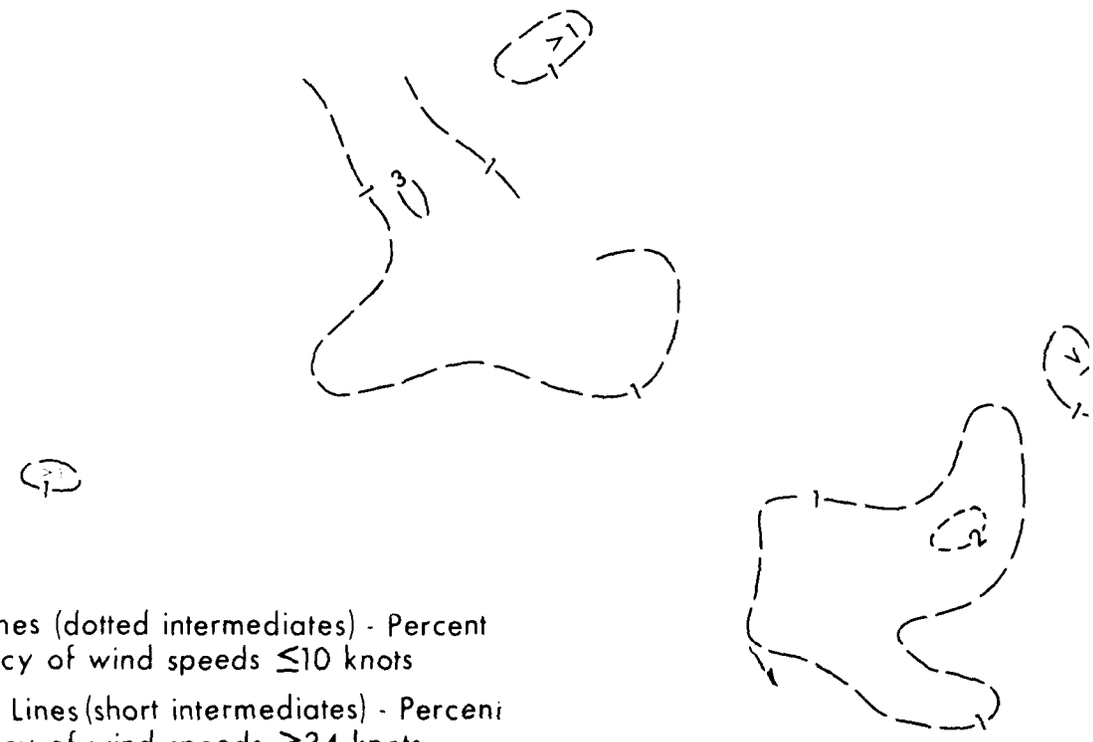


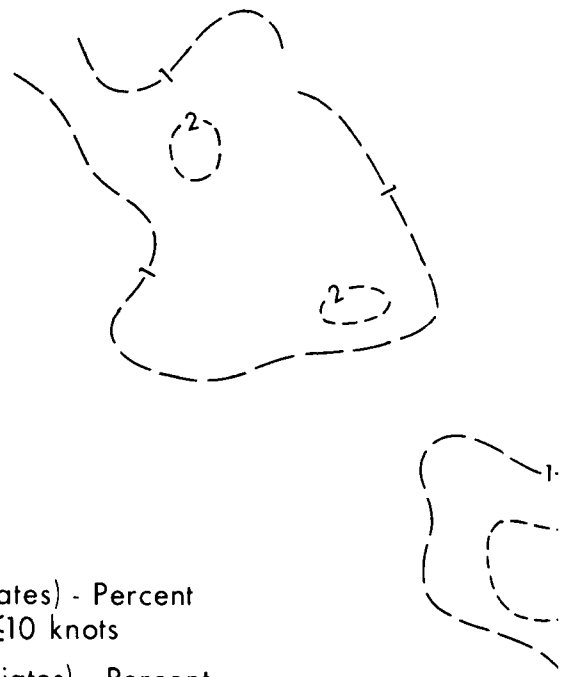
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

2

WIND SPEED (≤10 AND ≥34 KNOTS)

WIND SPEED (≤10 AND ≥34 KNOTS)



Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

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Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

WIND SPEED ($\leq$10 AND $\geq$34 KNOTS)

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WIND SPEED ($\leq$10 AND $\geq$34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds $\leq$10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds $\geq$34 knots

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Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

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WIND SPEED ($\leq$10 AND $\geq$34 KNOTS)

WIND SPEED ($\leq$10 AND $\geq$34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds $\leq$10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds $\geq$34 knots

JULY

AUGUST

WIN

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

WIND SPEED ($\leq$10 AND $\geq$34 KNOTS)

WIND SPEED (≤10 AND ≥34 KNOTS)

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Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

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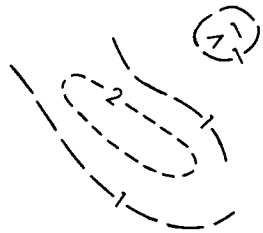

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

WIND SPEED ($\leq$10 AND $\geq$34 KNOTS)

WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

NOVEMBER

DECEMBER

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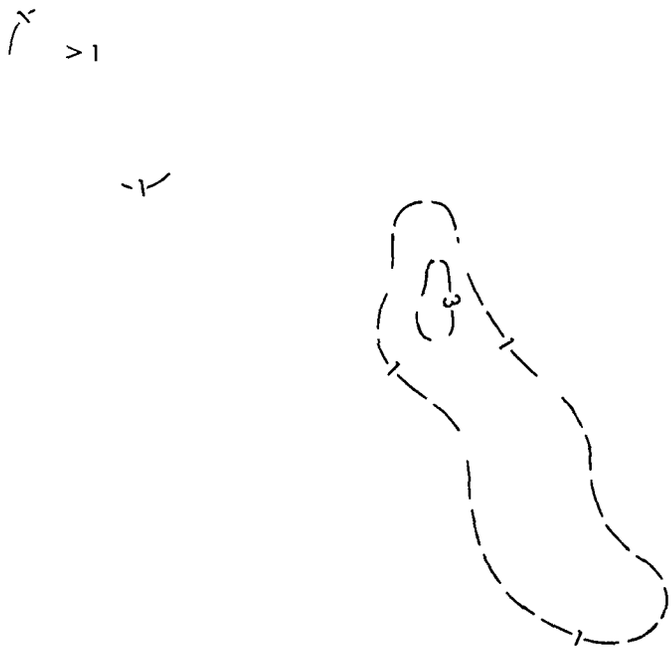
Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

WIND SPEED (≤10 AND ≥34 KNOTS)



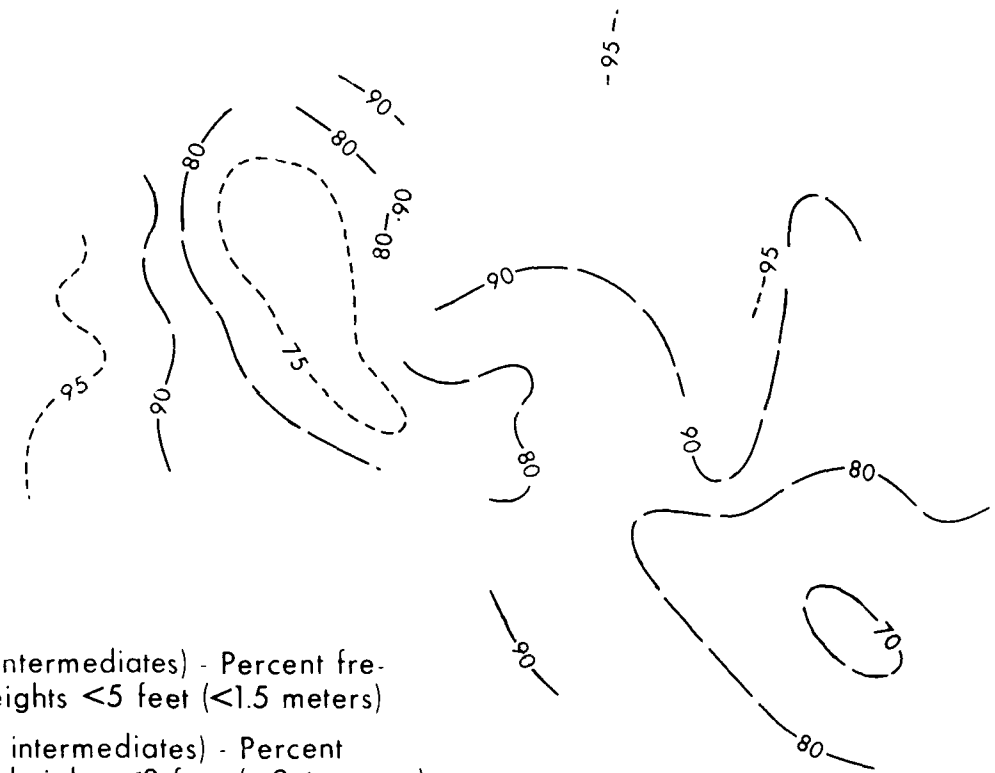
WIND SPEED (≤10 AND ≥34 KNOTS)

Solid Lines (dotted intermediates) - Percent frequency of wind speeds ≤10 knots

Dashed Lines (short intermediates) - Percent frequency of wind speeds ≥34 knots

ANNUAL

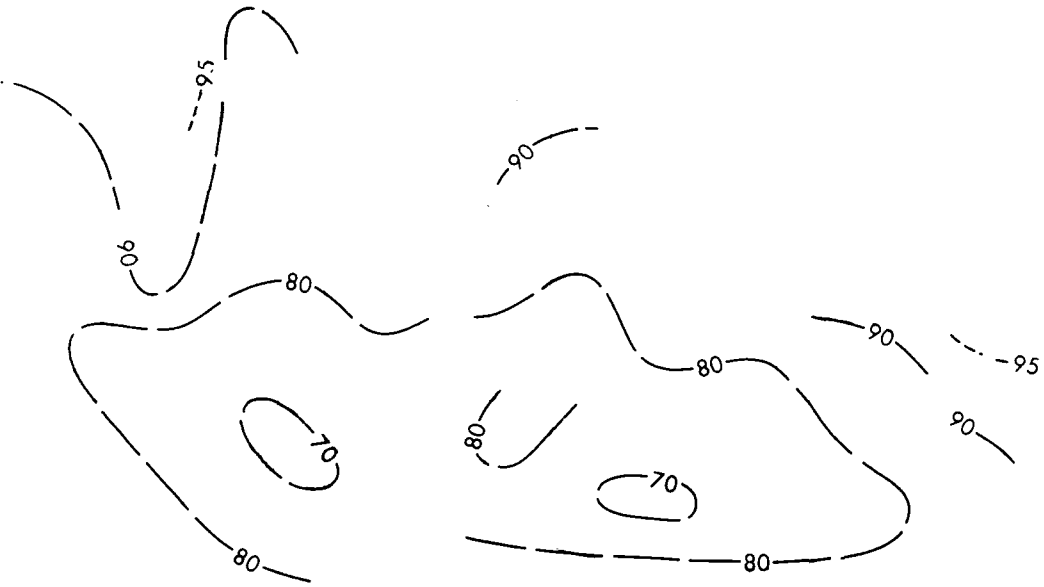
JANUARY



Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



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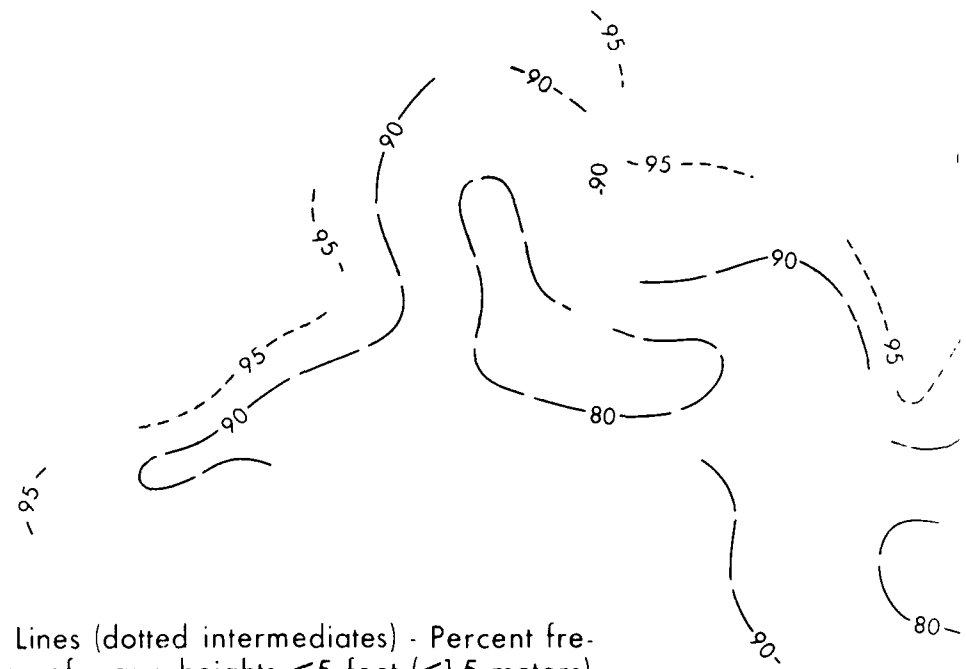
WAVE HEIGHT (<5 AND <8 FEET)

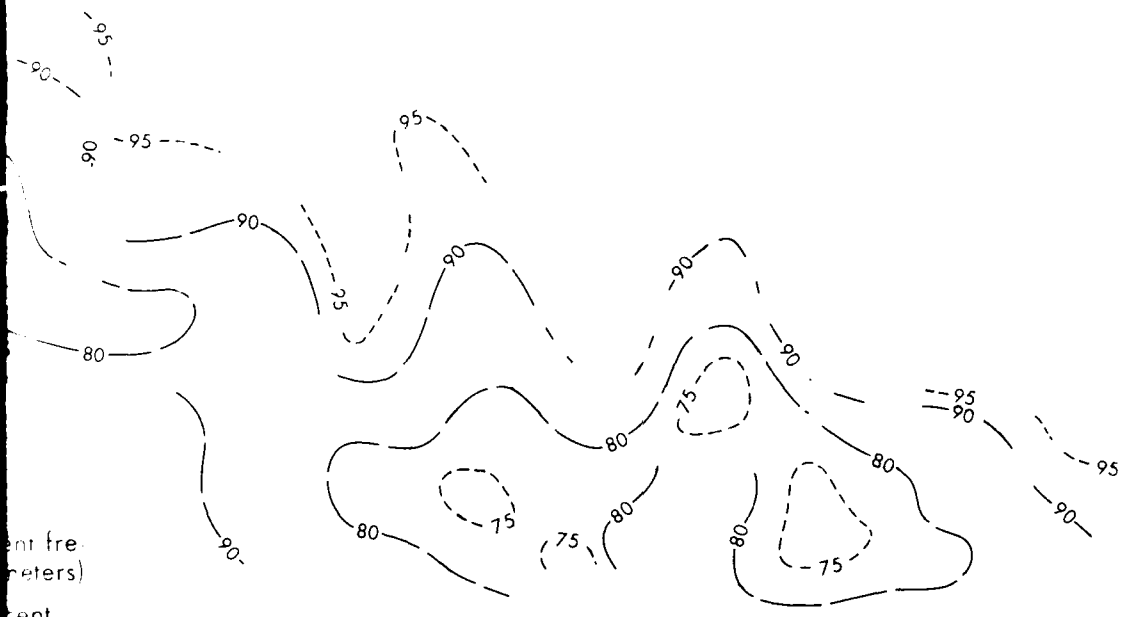


Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

15 A

FEBRUARY



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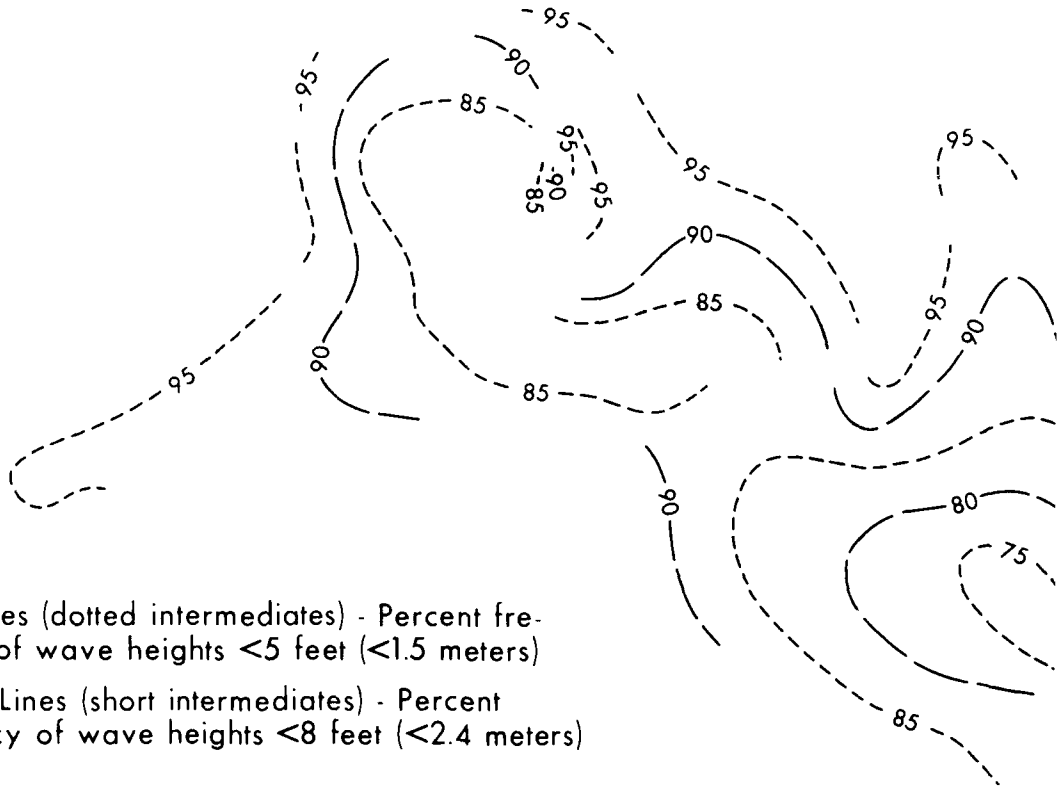
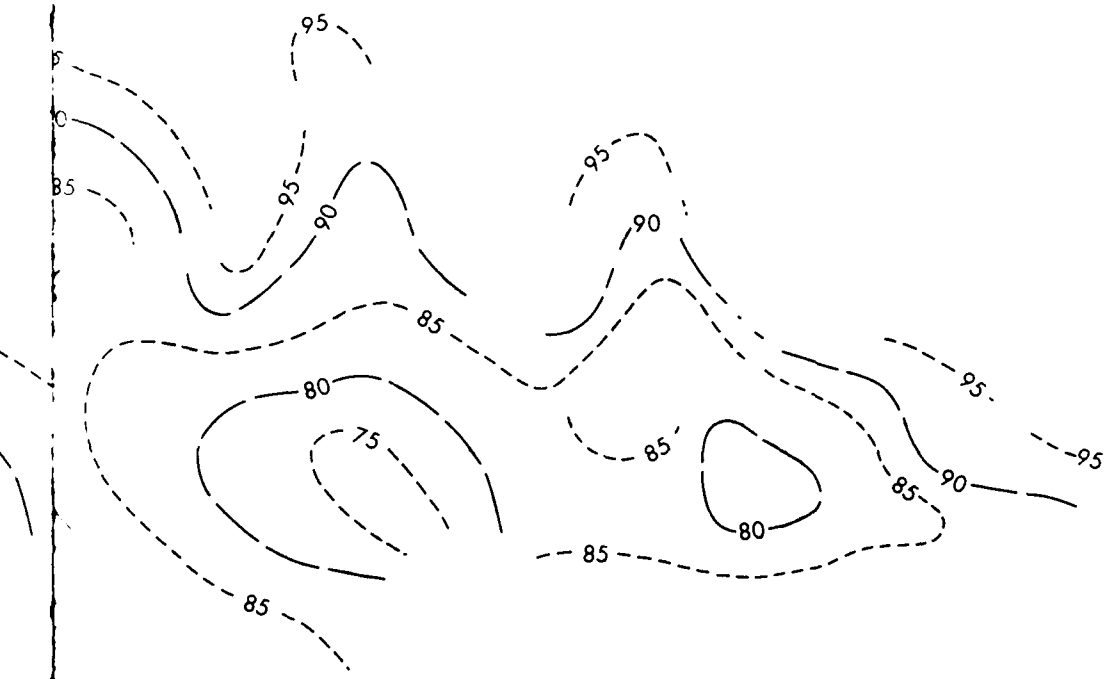
MARCH



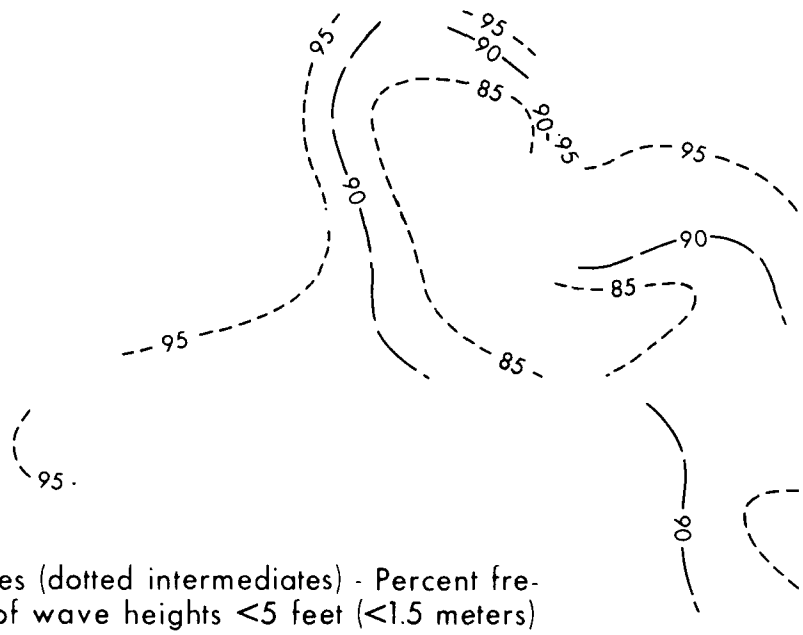
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



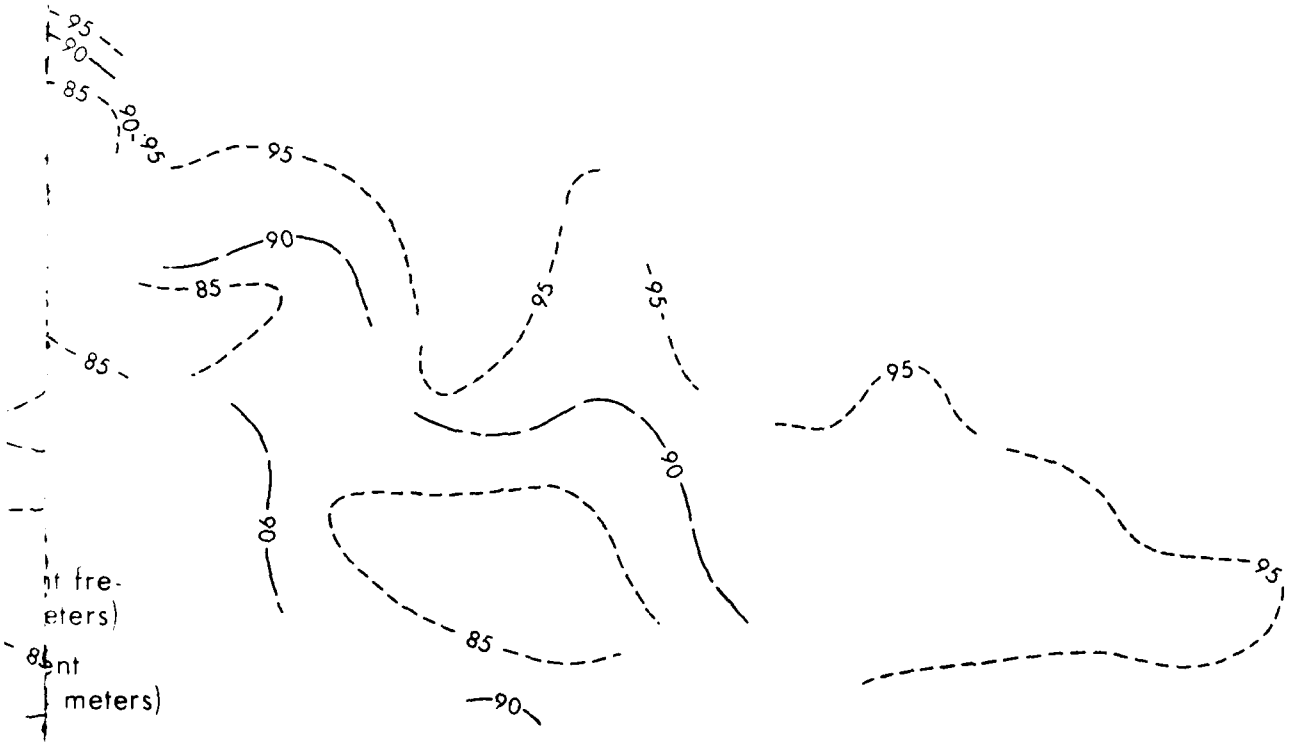
WAVE HEIGHT (<5 AND <8 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

APRIL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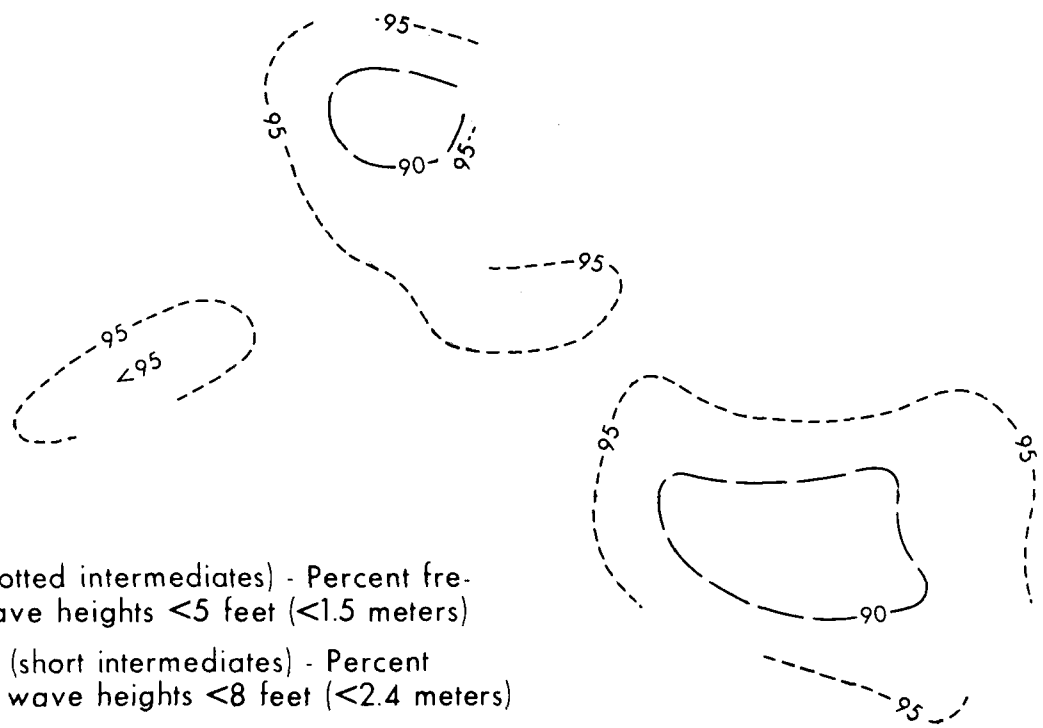
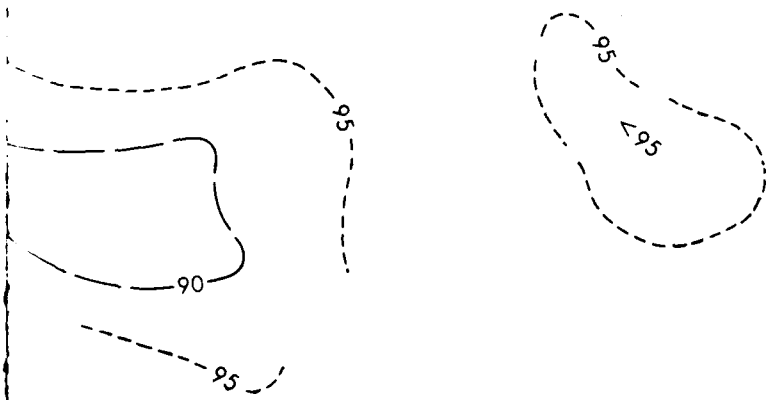


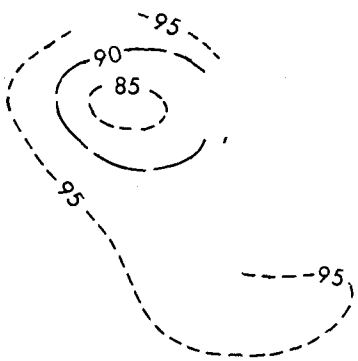
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



WAVE HEIGHT (<5 AND <8 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

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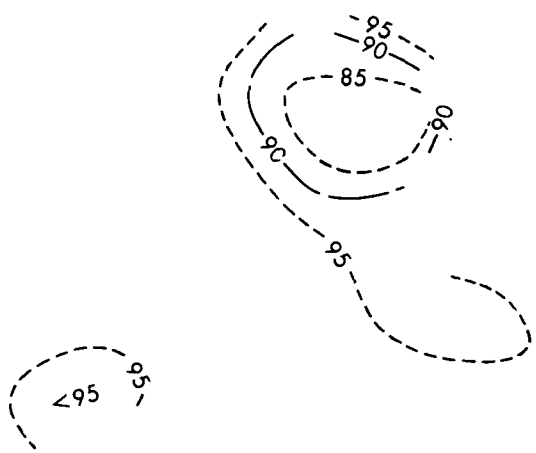
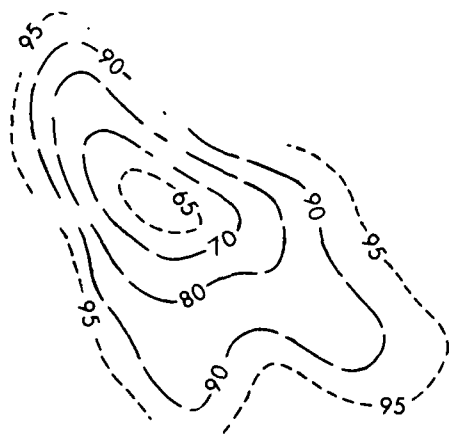


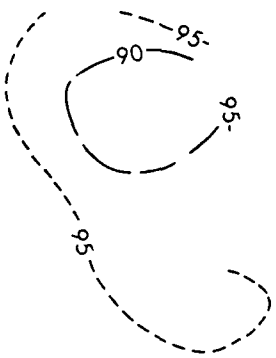
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



WAVE HEIGHT (<5 AND <8 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

AUGUST

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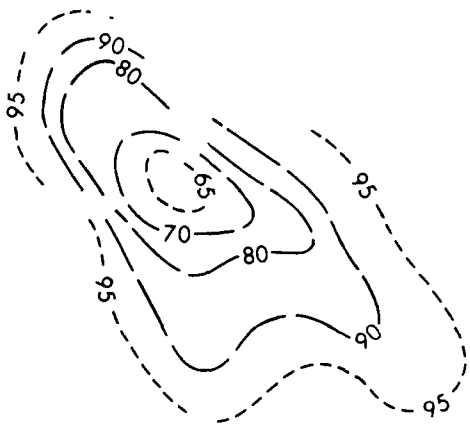
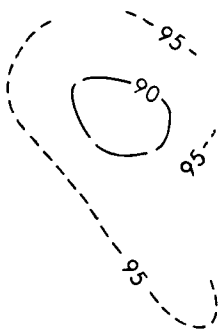


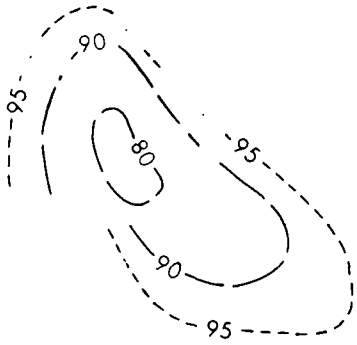
SEPTEMBER



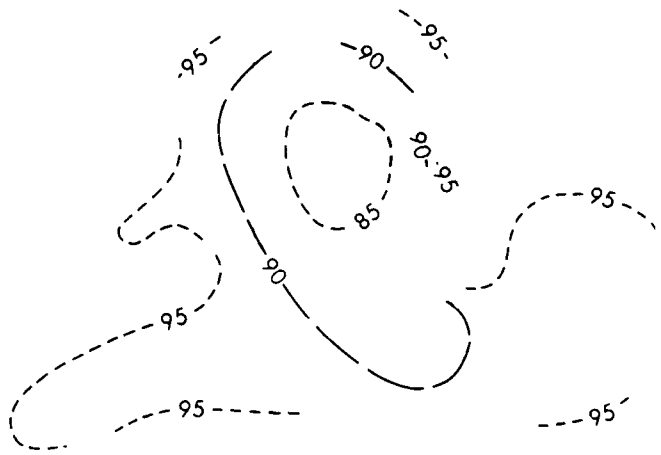
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



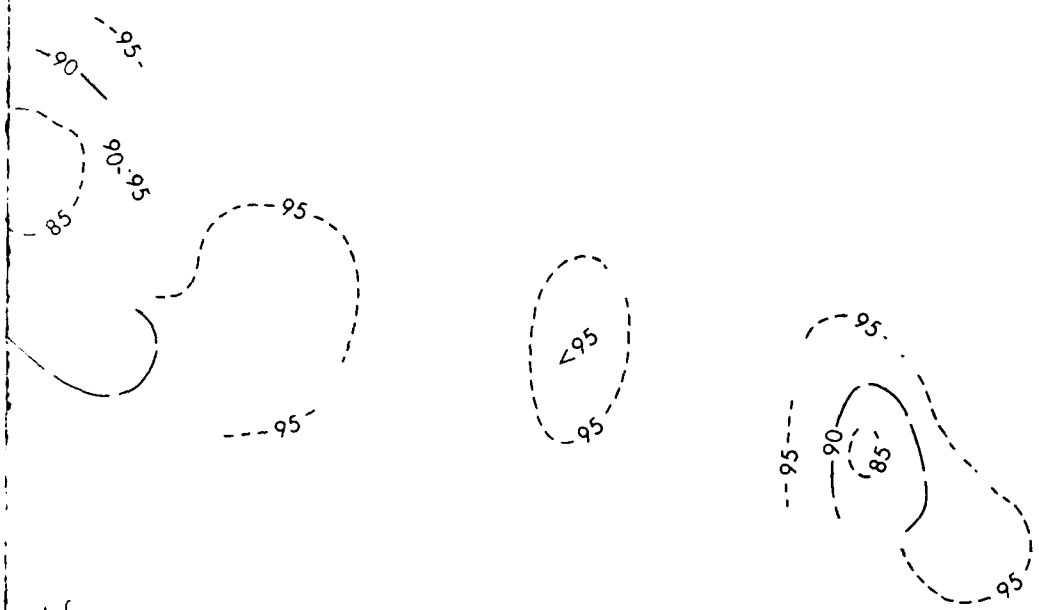
WAVE HEIGHT (<5 AND <8 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

OCTOBER



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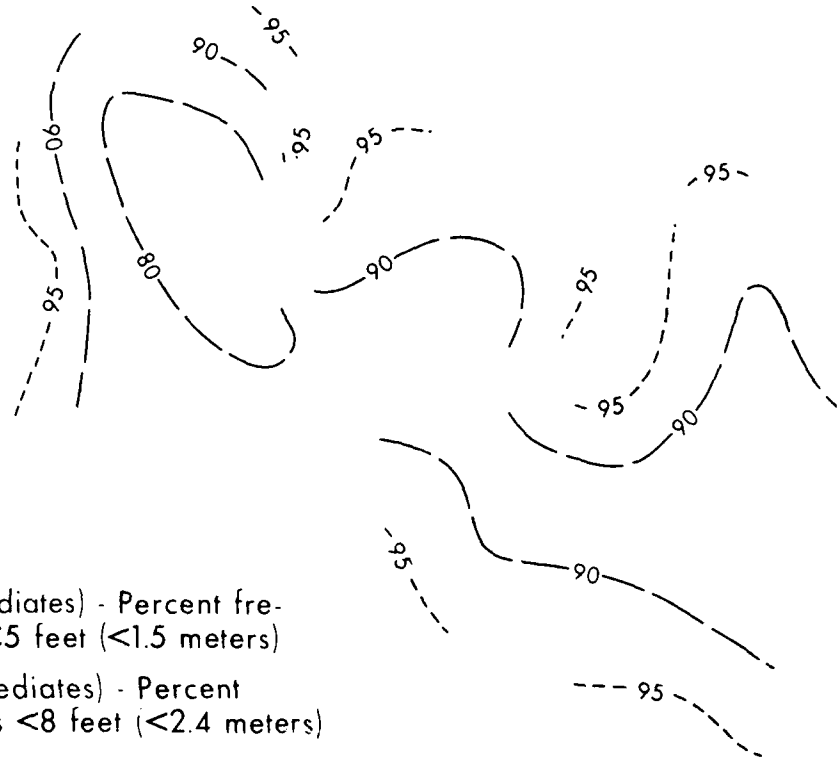
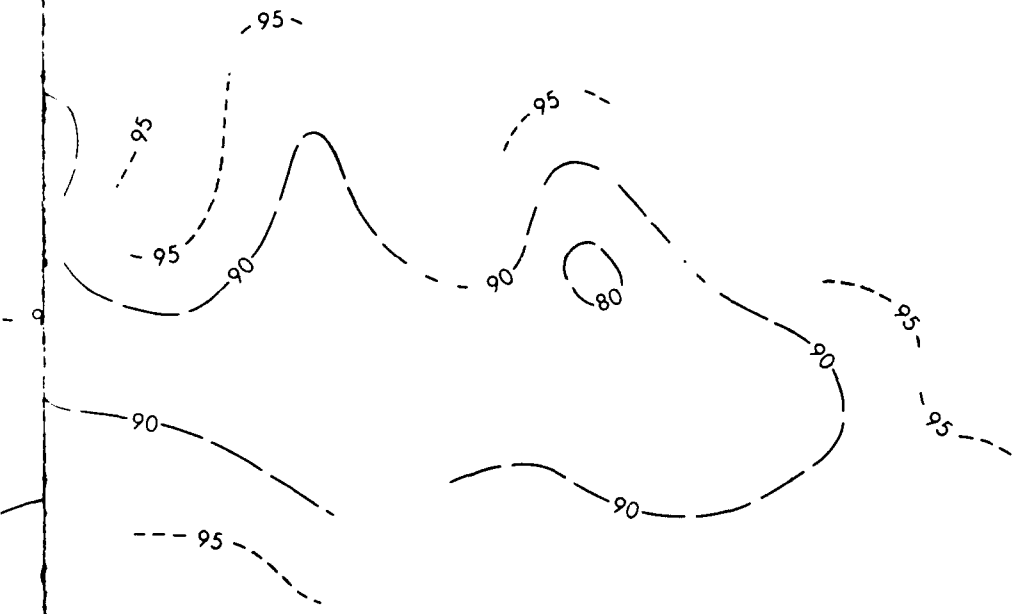
NOVEMBER



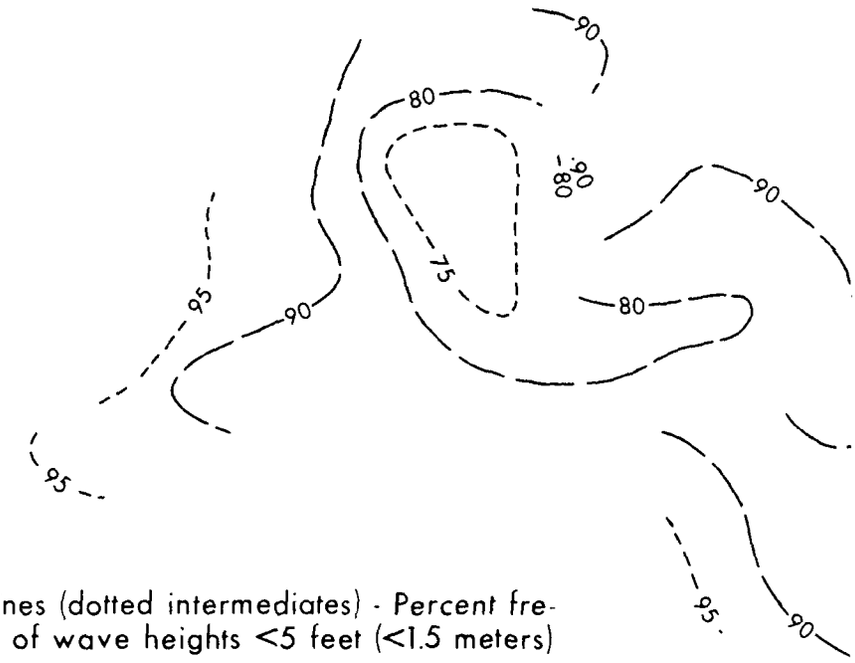
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



WAVE HEIGHT (<5 AND <8 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

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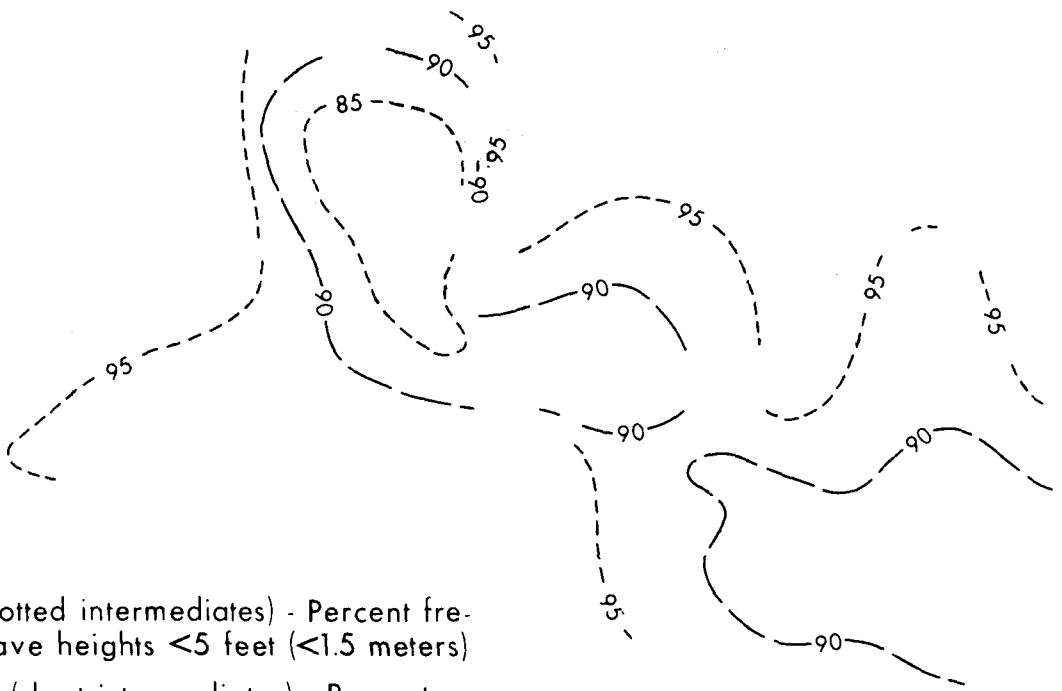
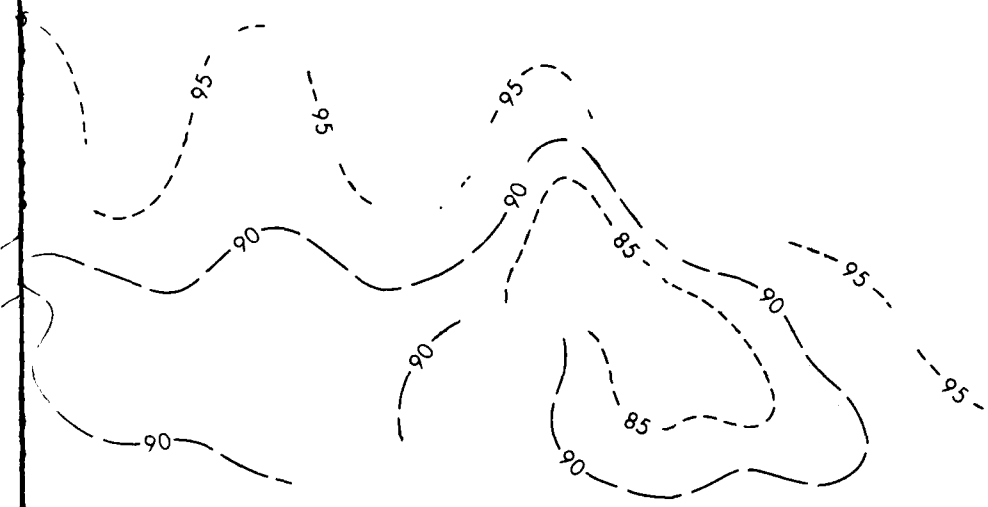


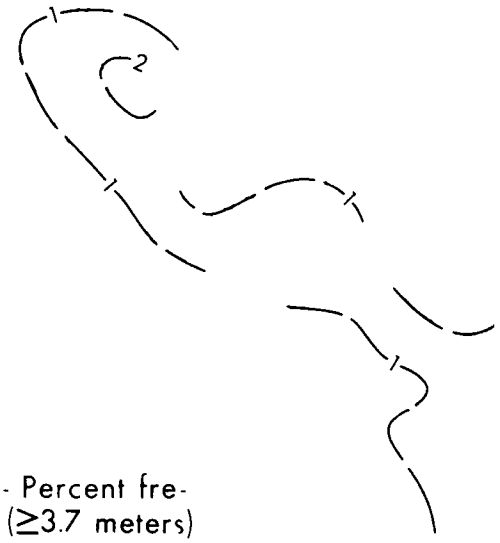
Solid Lines (dotted intermediates) - Percent frequency of wave heights <5 feet (<1.5 meters)

Dashed Lines (short intermediates) - Percent frequency of wave heights <8 feet (<2.4 meters)

WAVE HEIGHT (<5 AND <8 FEET)



WAVE HEIGHT (≥12 AND ≥20 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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FEBRUARY

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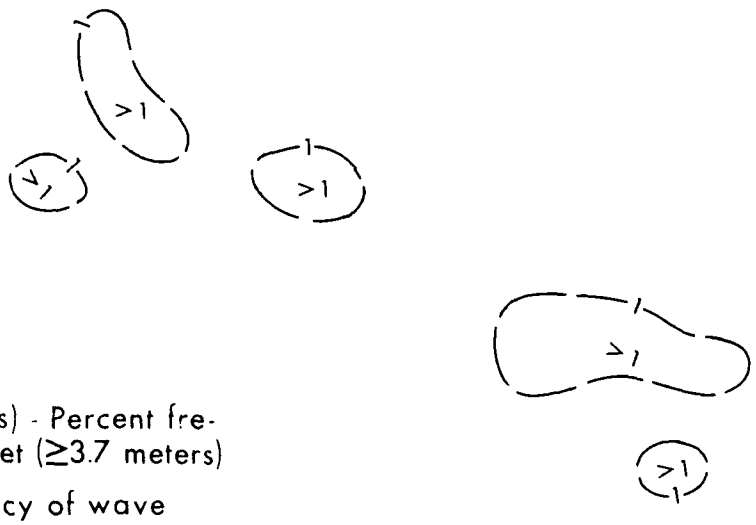
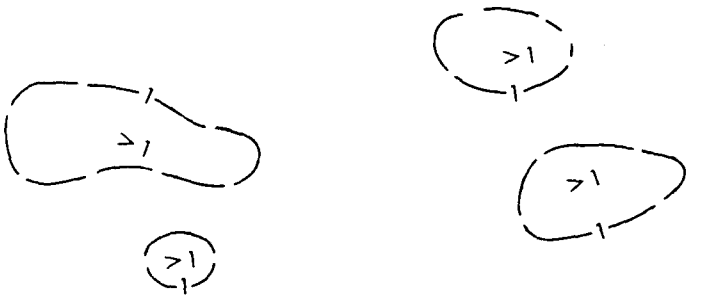


Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

WAVE HEIGHT (≥12 AND ≥20 FEET)



WAVE HEIGHT (≥12 AND ≥20 FEET)

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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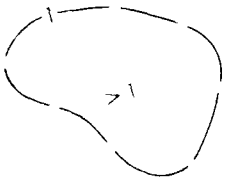

APRIL

Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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WAVE HEIGHT (≥12 AND ≥20 FEET)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

WAVE HEIGHT (≥12 AND ≥20 FEET)

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WAVE HEIGHT (≥12 AND ≥20 FEET)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

WAVE HEIGHT (≥12 AND ≥20 FEET)

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WAVE HEIGHT (≥12 AND ≥20 FEET)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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WAVE HEIGHT (≥12 AND ≥20 FEET)

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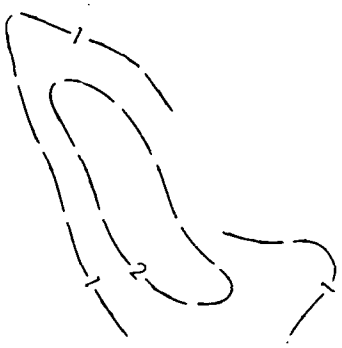
36A

WAVE HEIGHT (≥12 AND ≥20 FEET)



Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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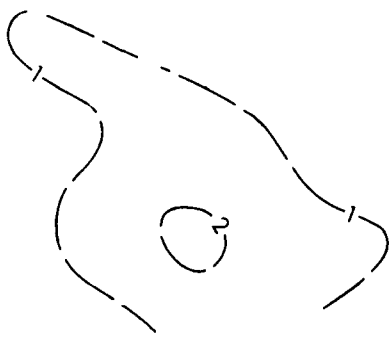
Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

WAVE HEIGHT (≥12 AND ≥20 FEET)



WAVE HEIGHT (≥12 AND ≥20 FEET)

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Solid Lines (dotted intermediates) - Percent frequency of wave heights ≥12 feet (≥3.7 meters)

Dashed Lines - Percent frequency of wave heights ≥20 feet (≥6.1 meters)

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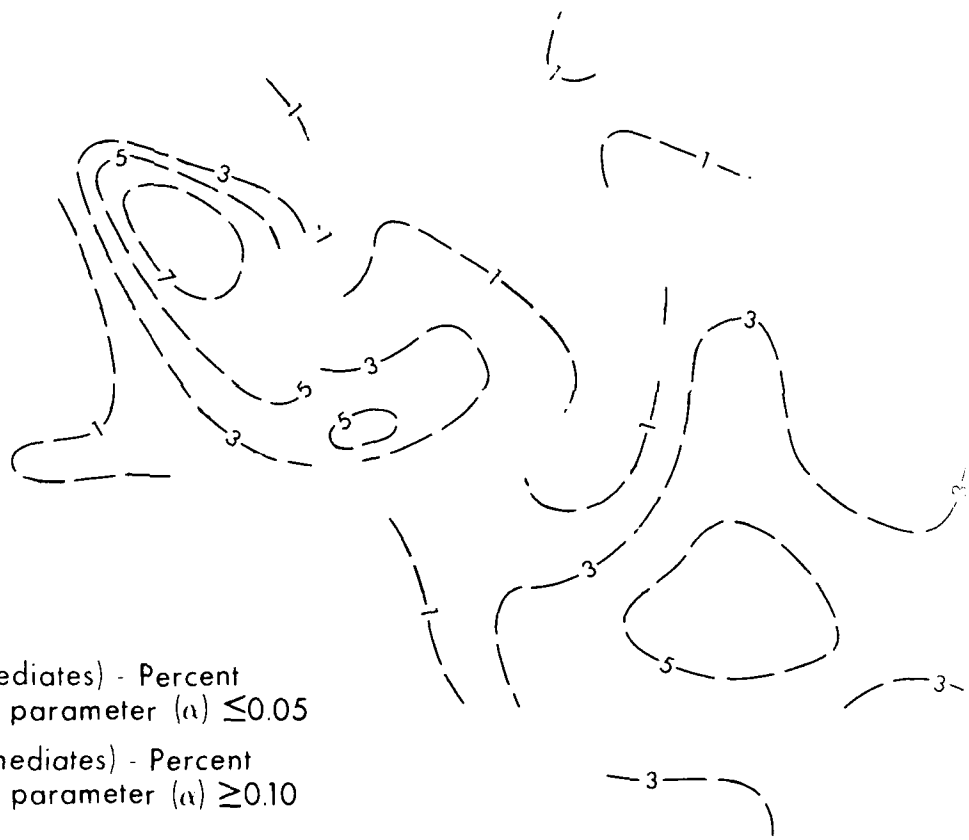
JANUARY WAVE



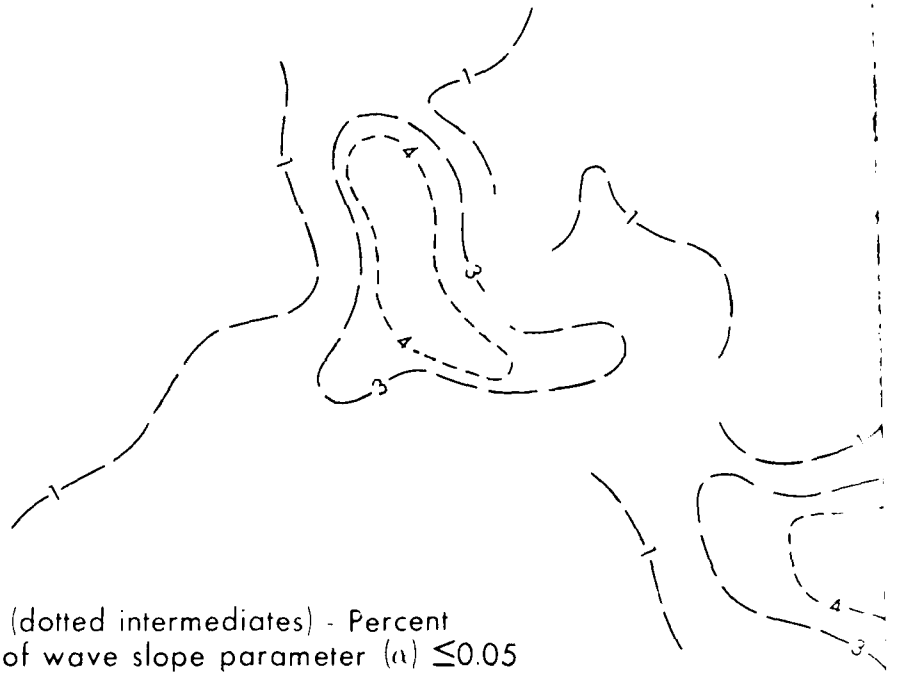
Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

40B

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



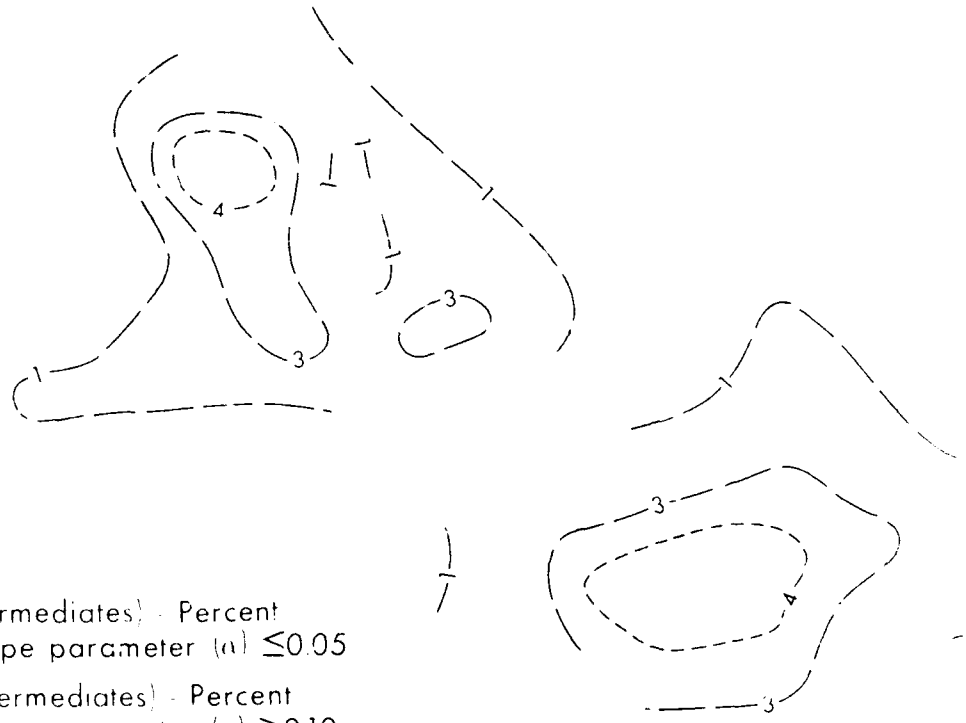
Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

FEBRUARY

MARCH

WAVE



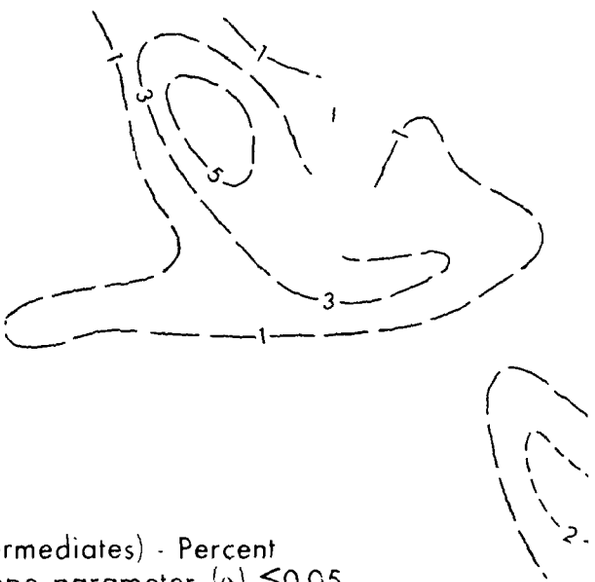
Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

42 B

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

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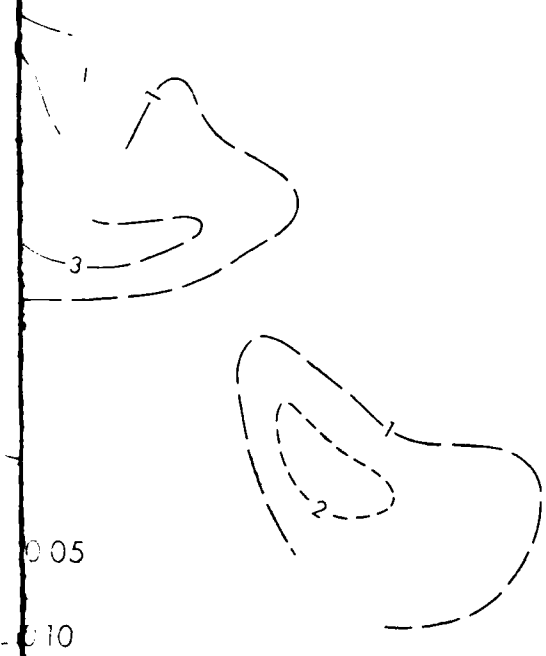
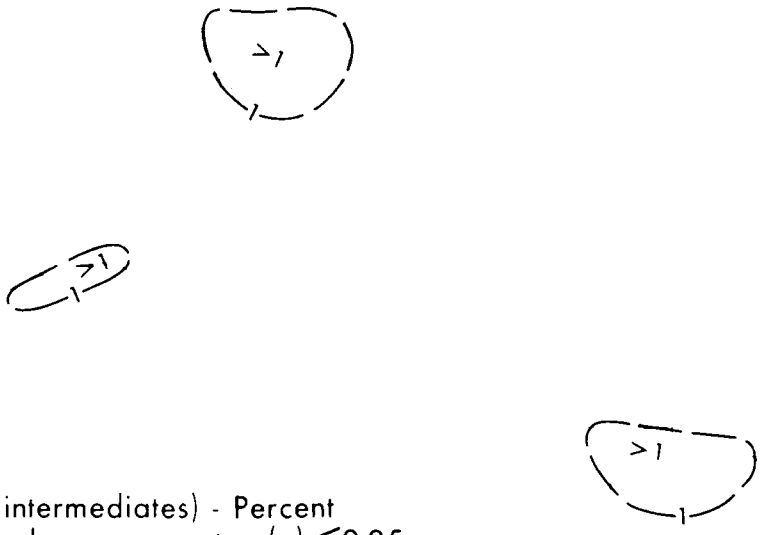
APRIL



MAY WA



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

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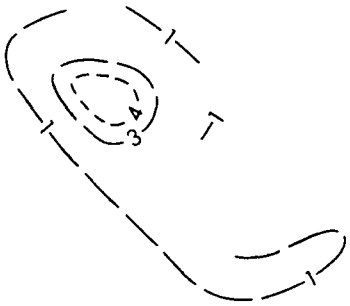
Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

46P

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

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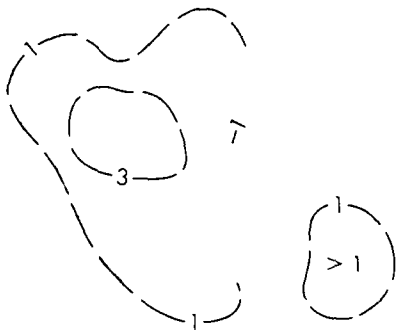
Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)

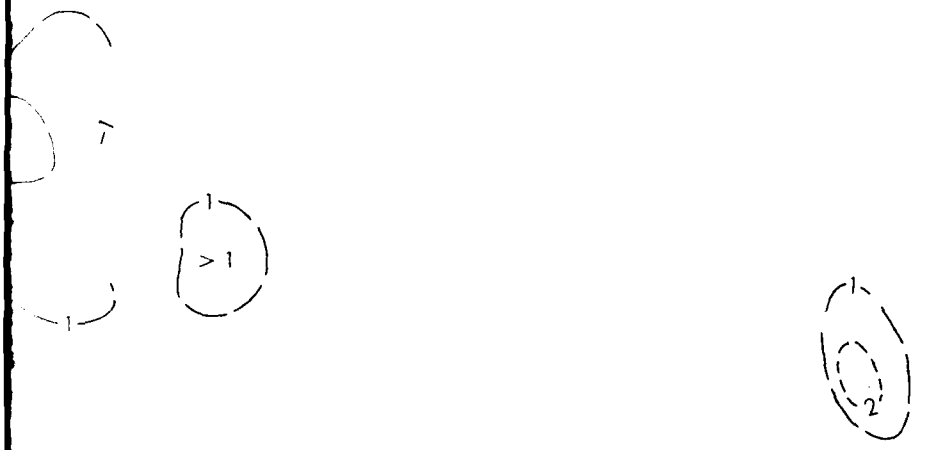
WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

OCTOBER



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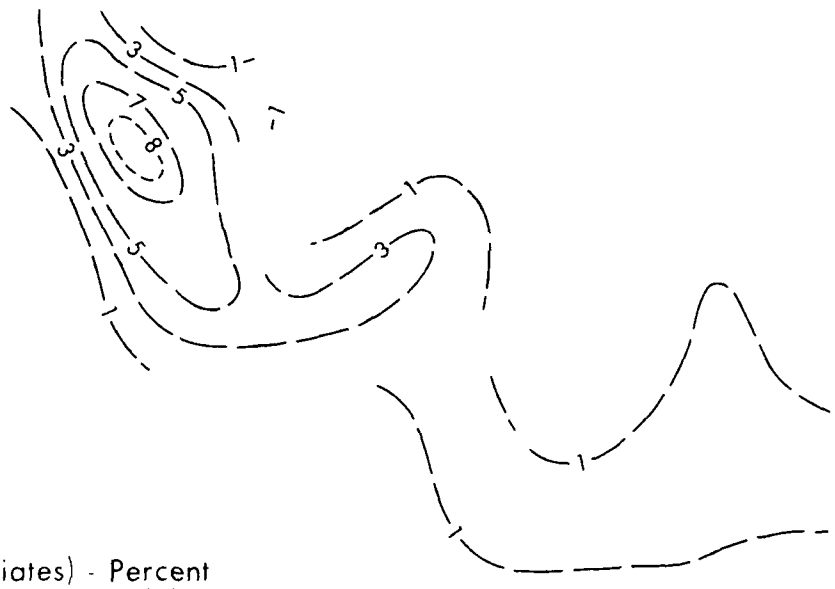
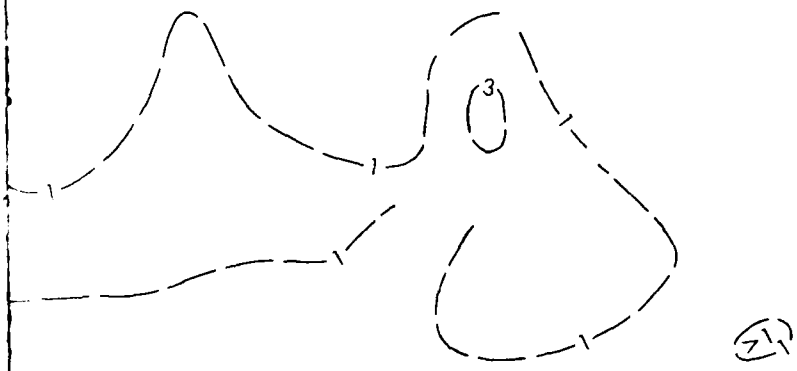


Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

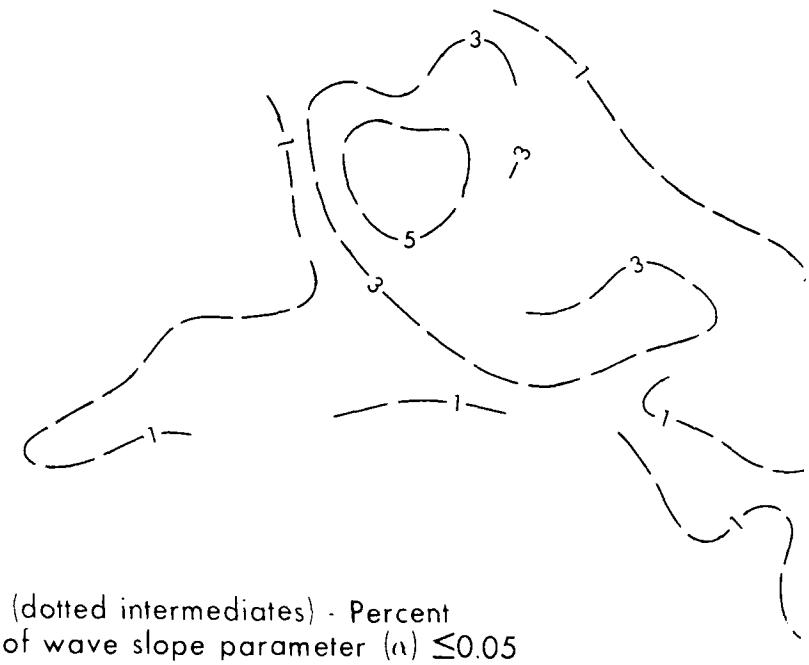
Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



5012

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) $\leq$0.05

Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) $\geq$0.10

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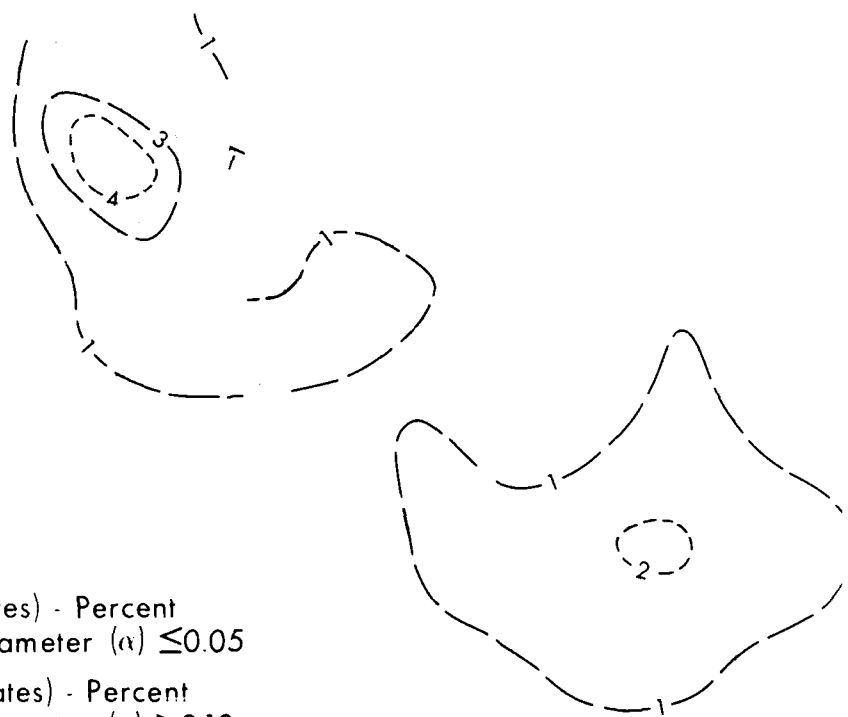
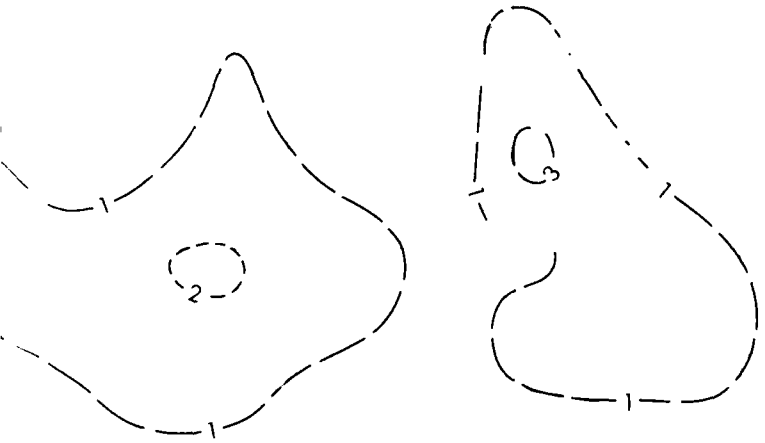
DECEMBER



Solid Lines (dotted intermediates) - Percent frequency of wave slope parameter (α) ≤ 0.05

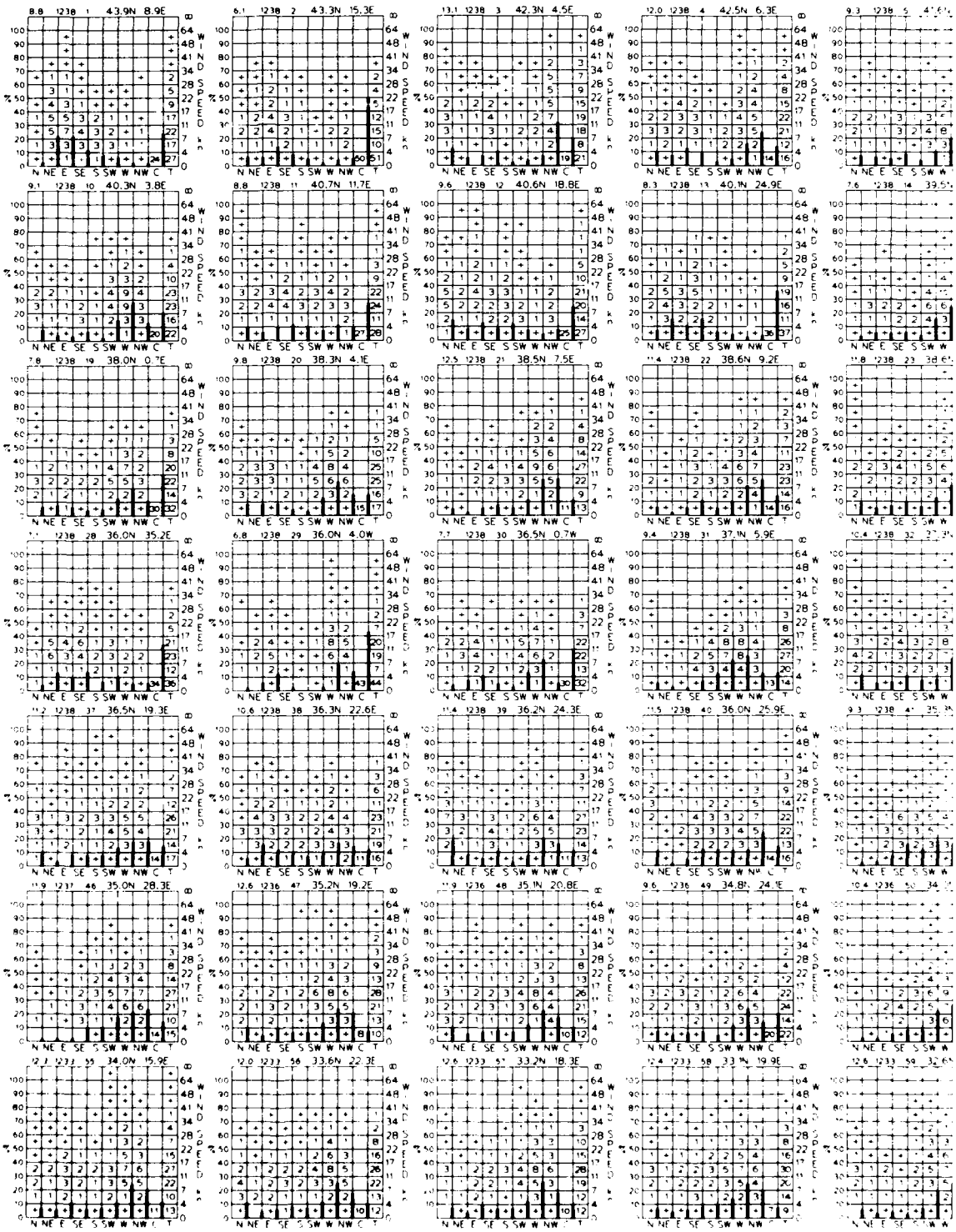
Dashed Lines (short intermediates) - Percent frequency of wave slope parameter (α) ≥ 0.10

WAVE SLOPE (α) ($\leq$0.05 AND $\geq$0.10)



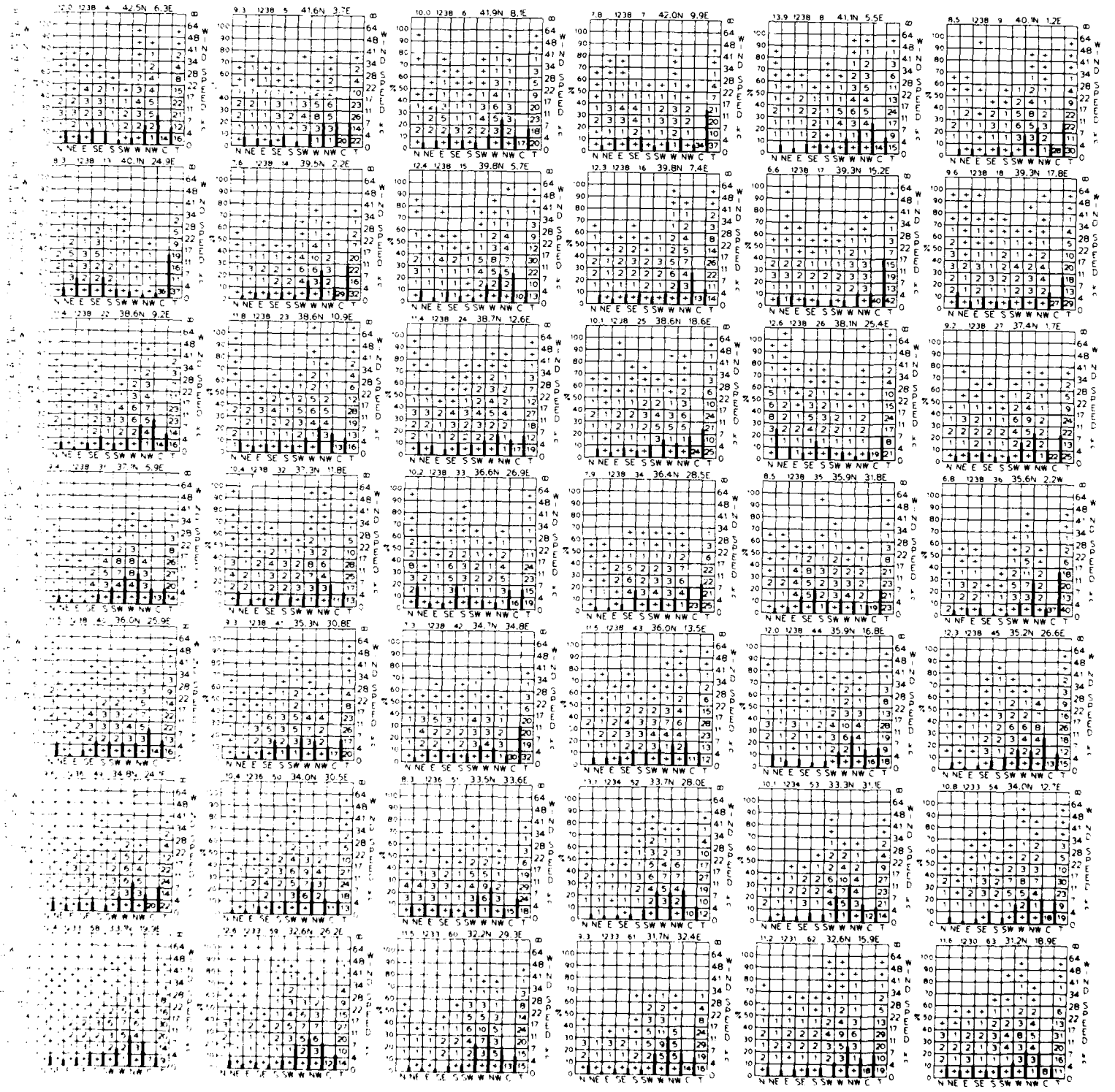
52B

WIND DIRECTION AND SPEED



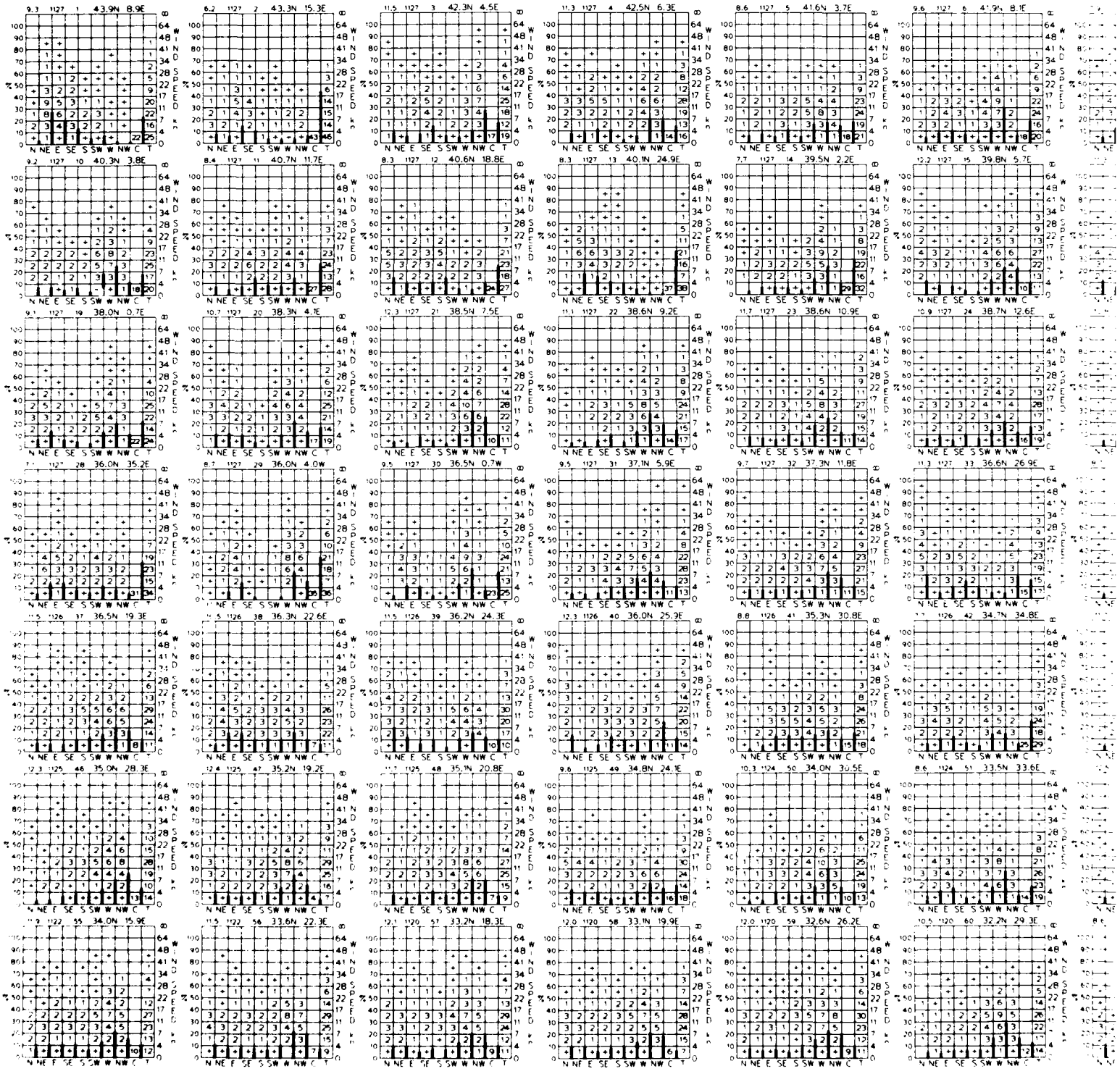
5 3 A

JANUARY

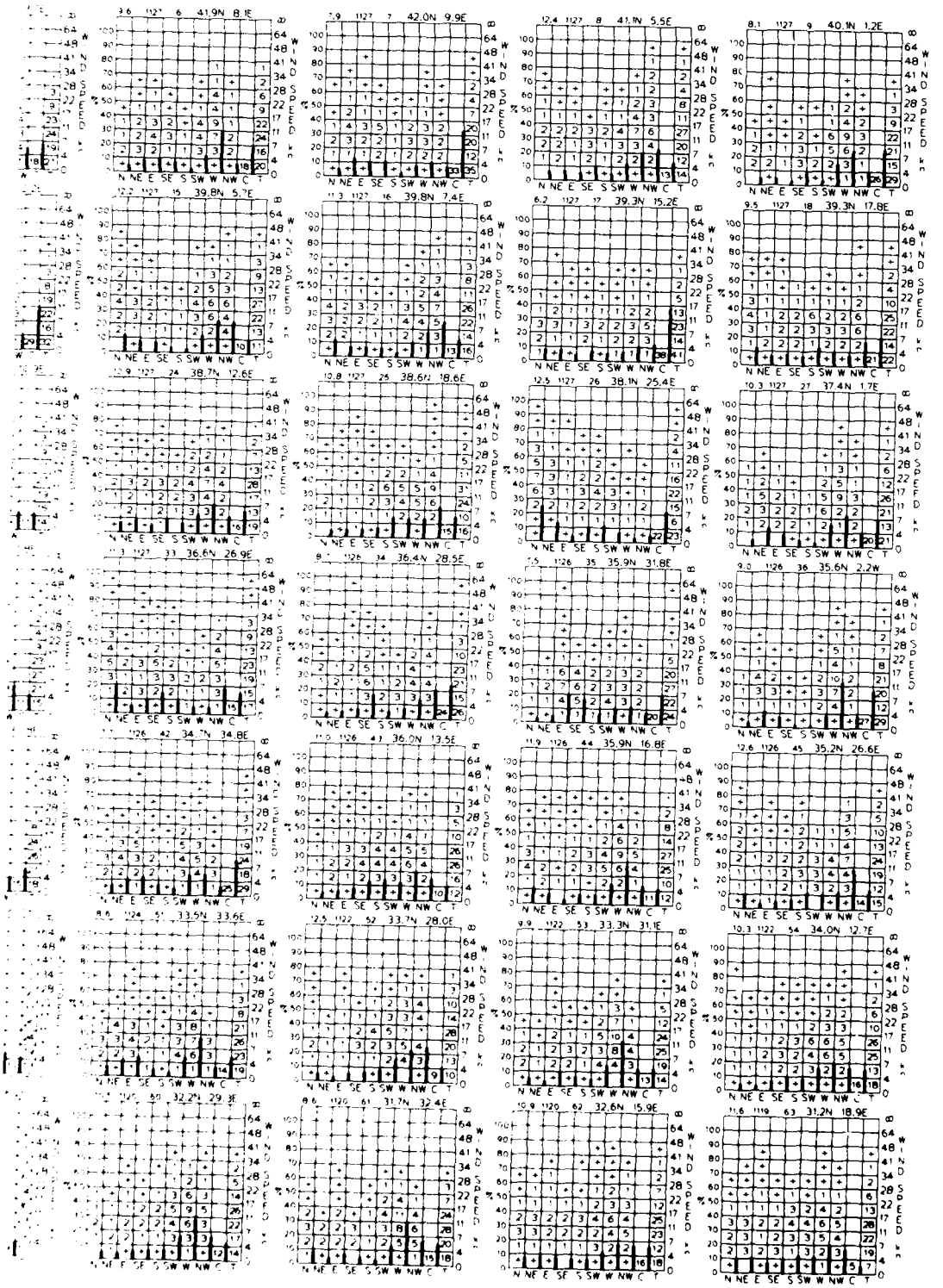


FEBRUARY

WIN

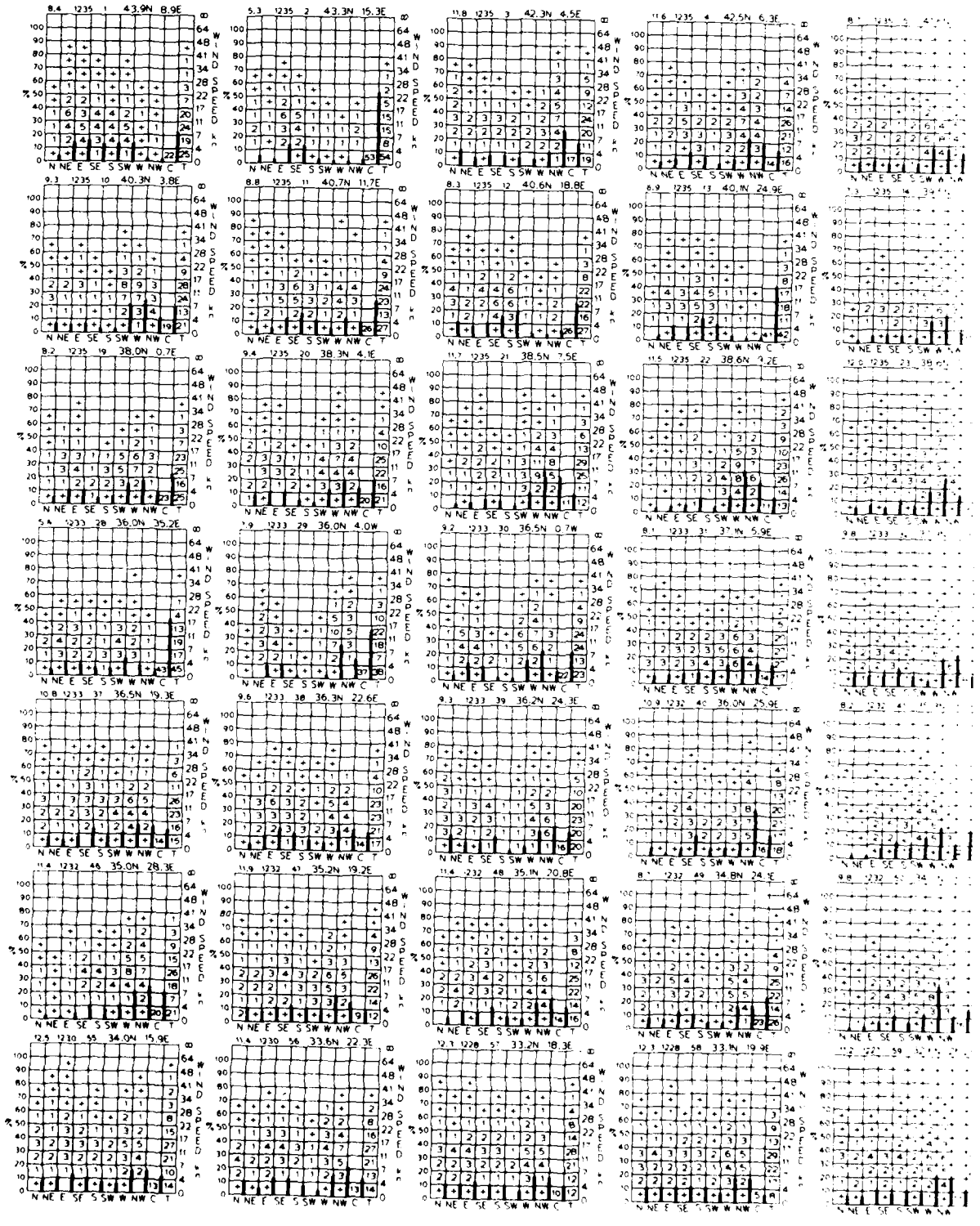


WIND DIRECTION AND SPEED



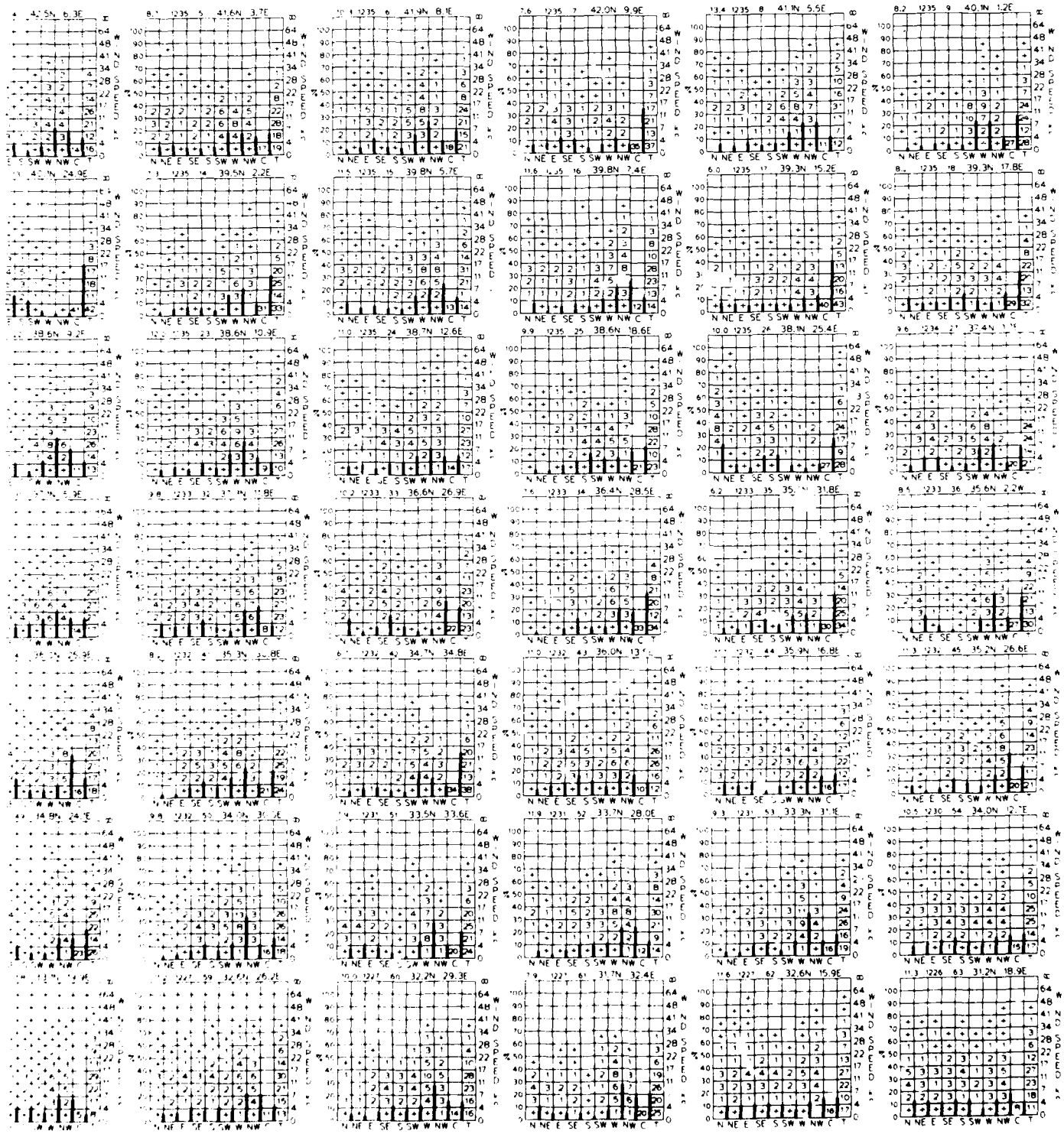
54B

WIND DIRECTION AND SPEED



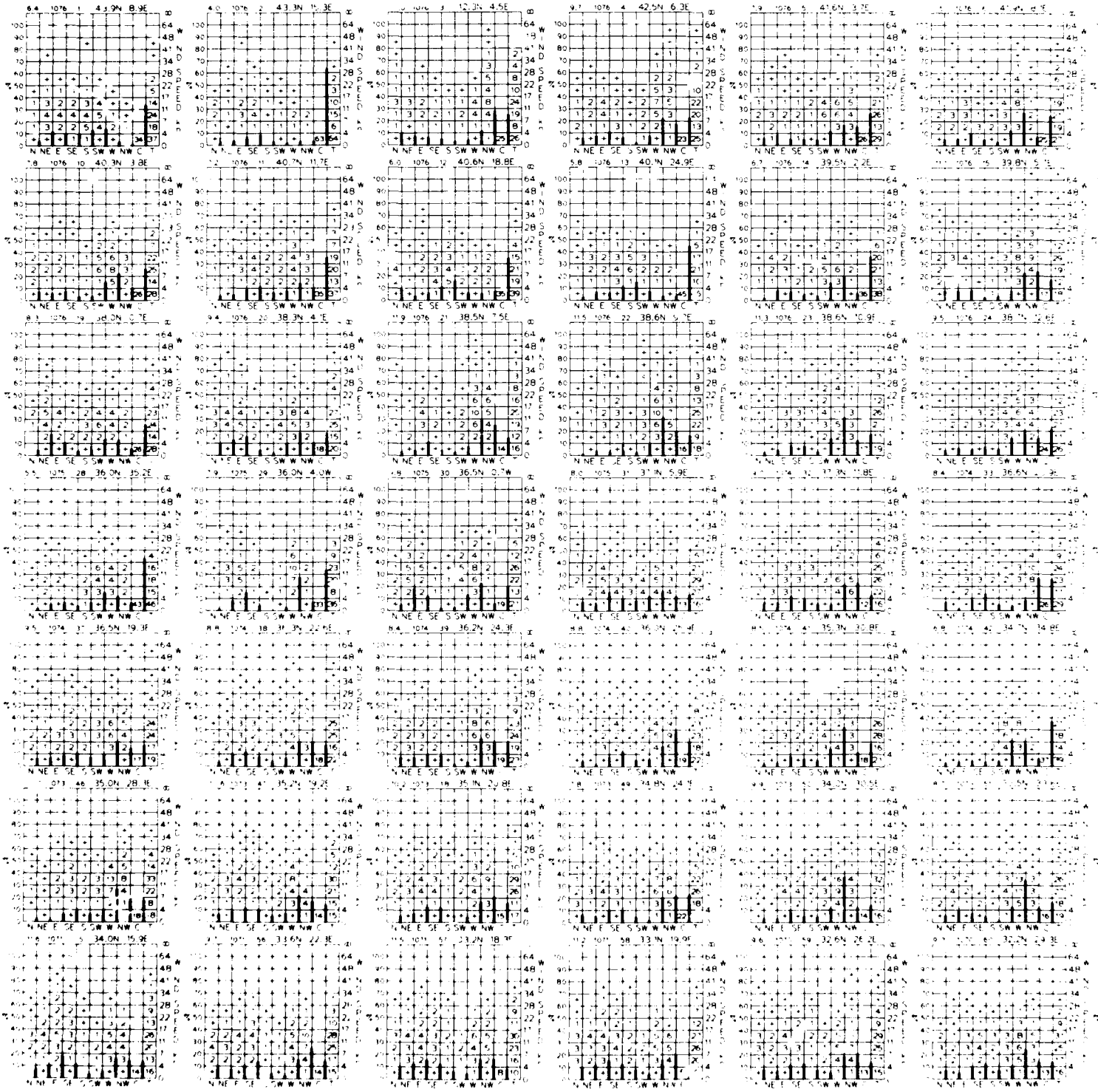
55 A

MARCH

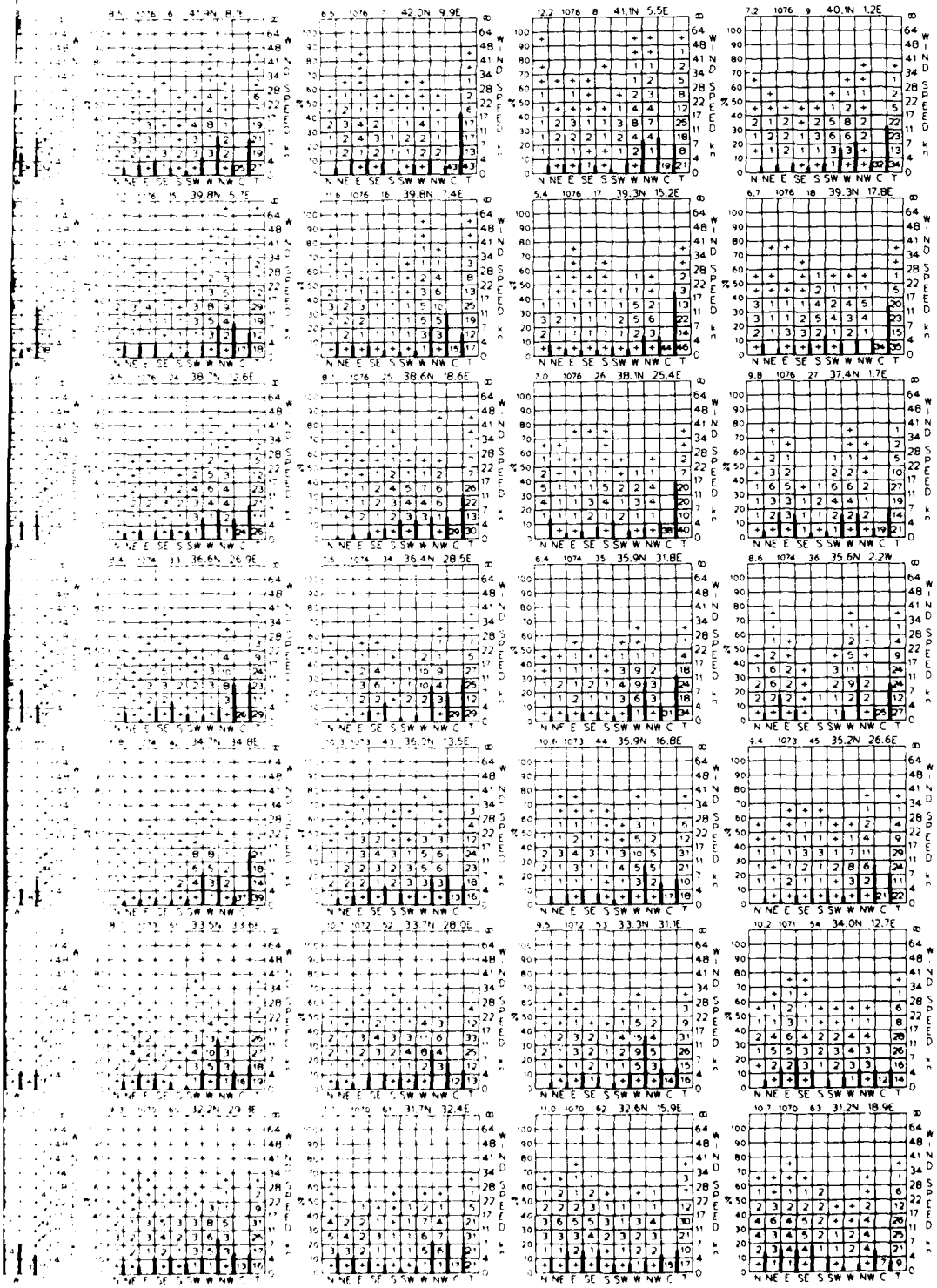


APRIL

WIND

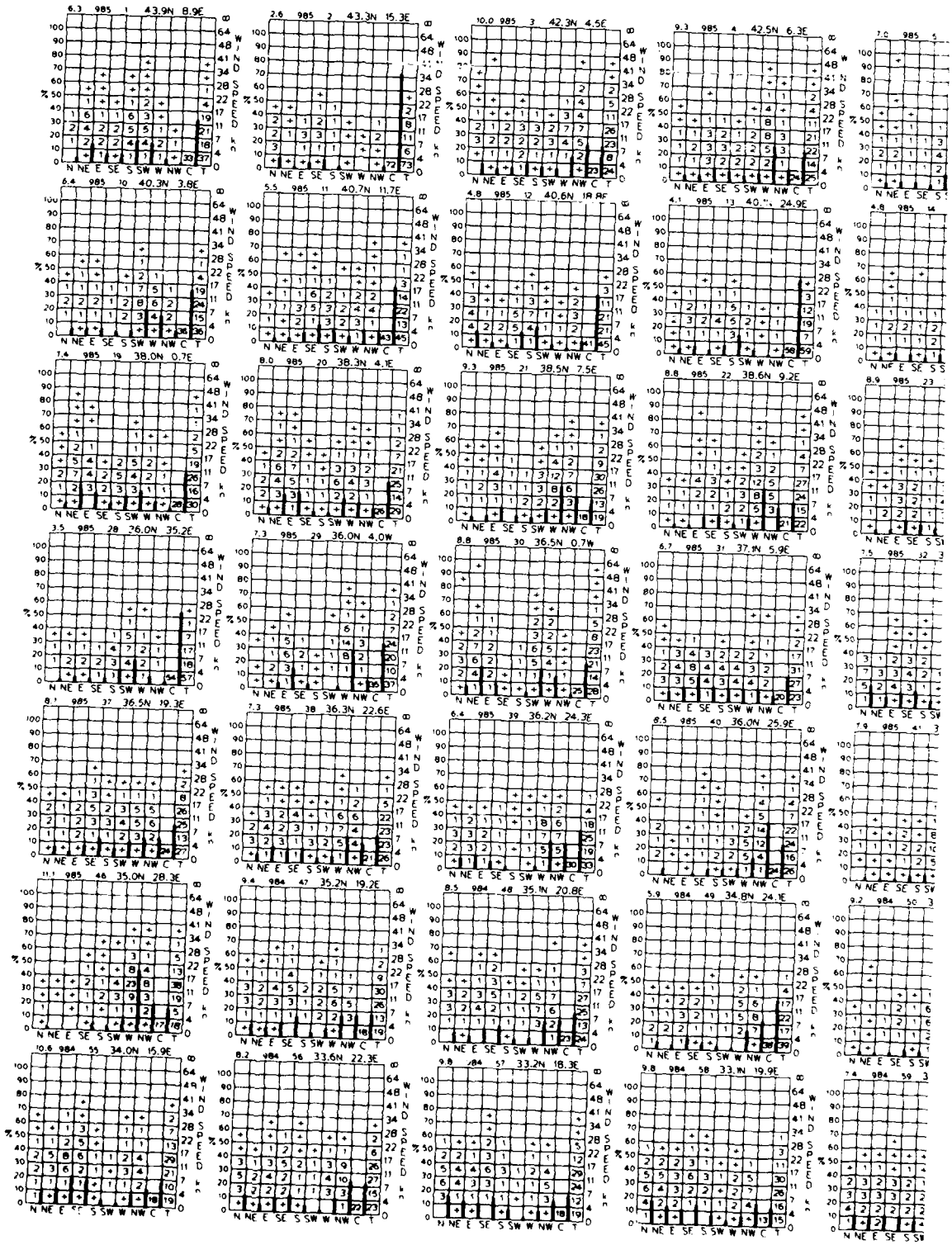


WIND DIRECTION AND SPEED



56B

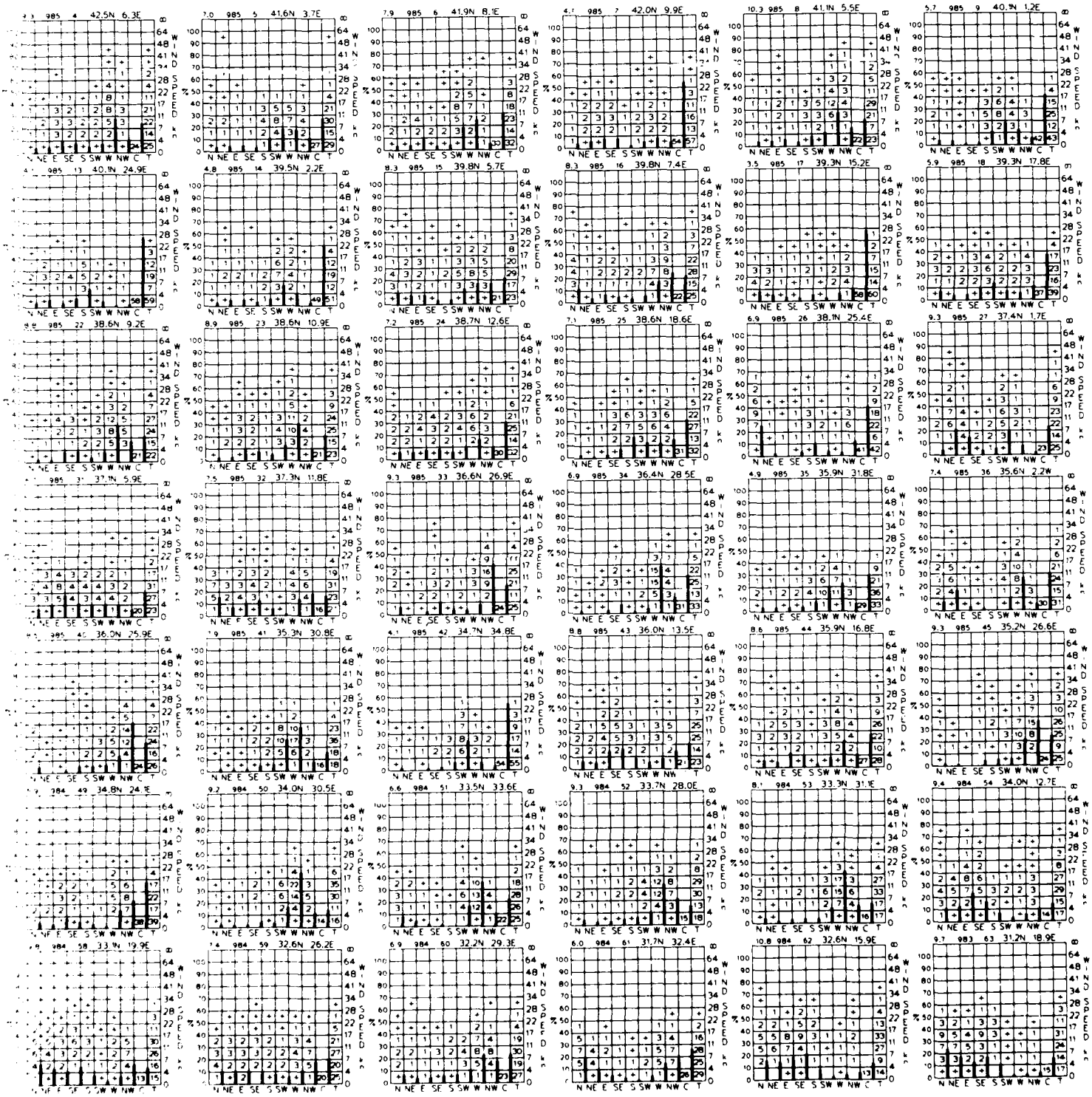
WIND DIRECTION AND SPEED



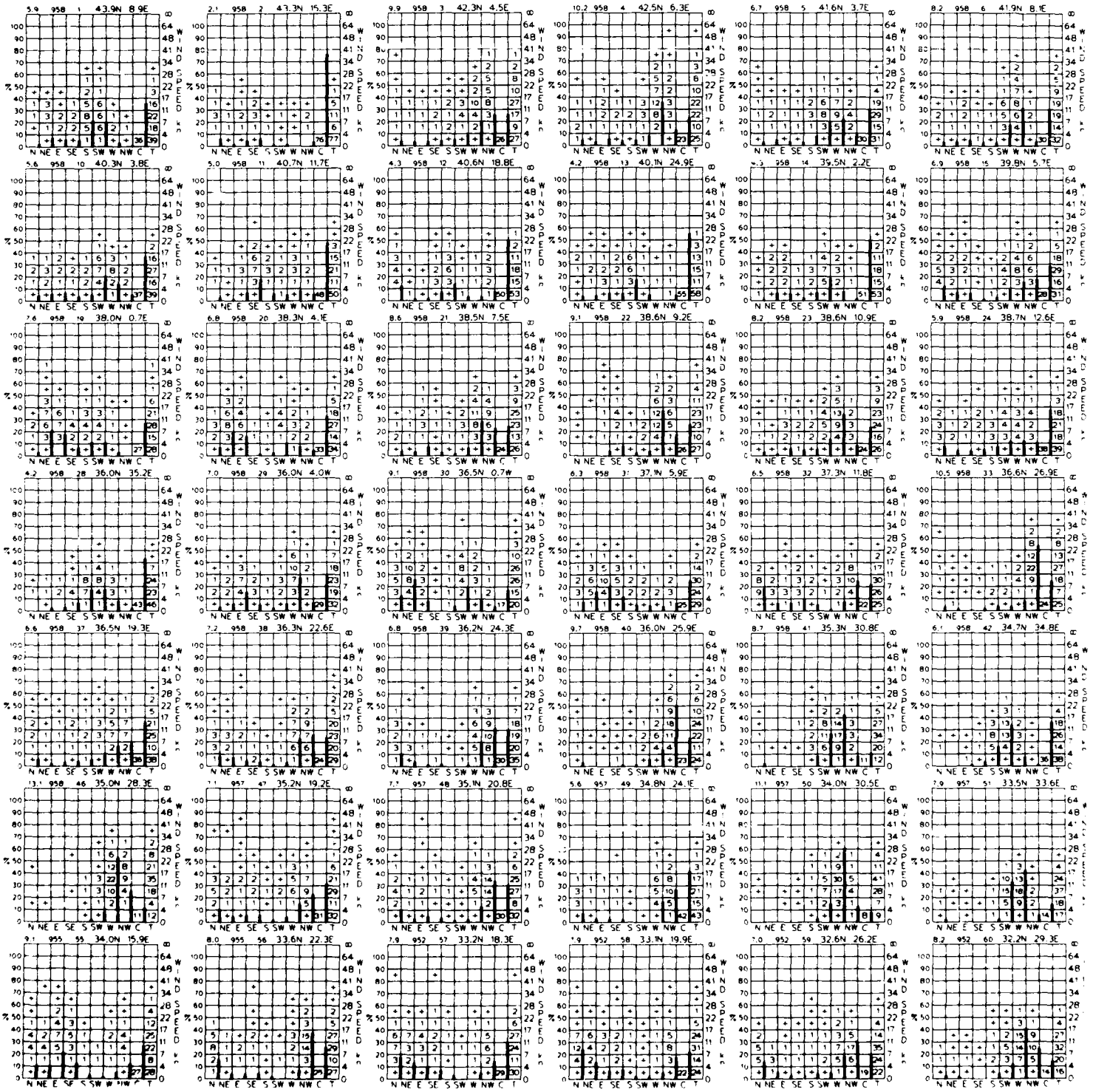
57 A

ED

MAY


4.3 985 4 42.5N 6.3E
7.0 985 5 41.6N 3.7E
7.9 985 6 41.9N 8.1E
4.1 985 7 42.0N 9.9E
10.3 985 8 41.1N 5.5E
5.7 985 9 40.1N 1.2E
4.1 985 13 40.1N 24.9E
4.8 985 14 39.5N 2.2E
8.3 985 15 39.8N 5.7E
8.3 985 16 39.8N 7.4E
3.5 985 17 39.3N 15.2E
5.9 985 18 39.3N 17.8E
8.8 985 22 38.6N 9.2E
8.9 985 23 38.6N 10.9E
7.2 985 24 38.7N 12.6E
7.1 985 25 38.6N 18.6E
6.9 985 26 38.1N 25.4E
9.3 985 27 37.4N 1.7E
985 31 37.1N 5.9E
7.5 985 32 37.3N 11.8E
9.3 985 33 36.6N 26.9E
6.9 985 34 36.4N 28.5E
4.9 985 35 35.9N 31.8E
7.4 985 36 35.6N 2.2W
985 40 36.0N 25.9E
7.9 985 41 35.3N 30.8E
4.1 985 42 34.7N 34.8E
8.8 985 43 36.0N 13.5E
8.6 985 44 35.9N 16.8E
9.3 985 45 35.2N 26.6E
984 49 34.8N 24.8E
9.2 984 50 34.0N 30.5E
6.6 984 51 33.5N 33.6E
9.3 984 52 33.7N 28.0E
8.1 984 53 33.3N 31.1E
9.4 984 54 34.0N 12.7E
984 58 33.1N 19.9E
7.4 984 59 32.6N 26.2E
6.9 984 60 32.2N 29.3E
6.0 984 61 31.7N 32.4E
10.8 984 62 32.6N 15.9E
9.7 983 63 31.2N 18.9E
W I N D S P E E D k n
% 50
N NE E SE S SW W NW C T

JUNE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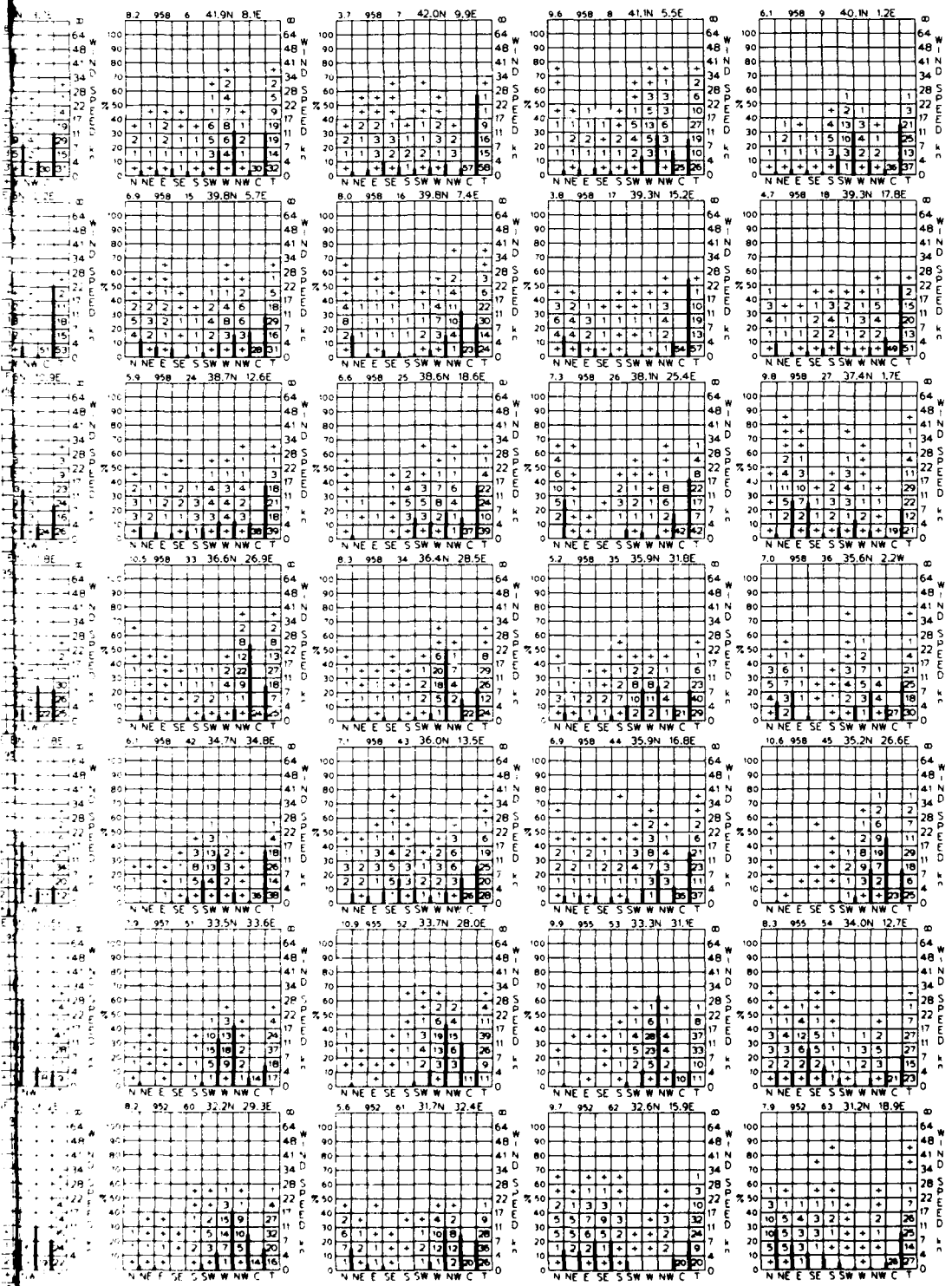
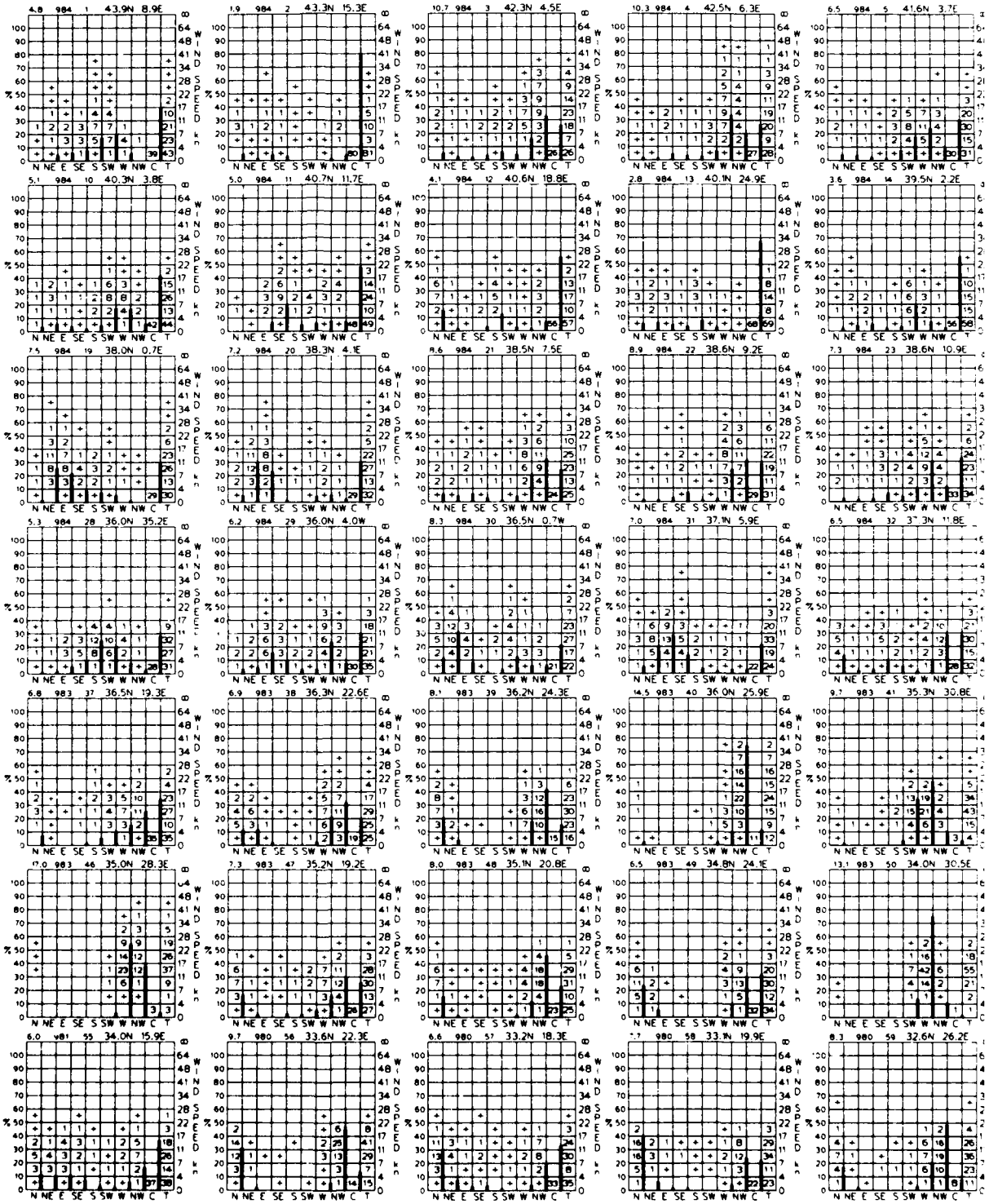
10.2 958 4 42.5N 6.3E
6.7 958 5 41.6N 3.7E
8.2 958 6 41.9N 8.1E
5.6 958 10 40.3N 3.8E
5.0 958 11 40.7N 11.7E
4.3 958 12 40.6N 18.8E
4.2 958 13 40.1N 24.9E
4.3 958 14 39.5N 2.2E
6.9 958 15 39.8N 5.7E
7.6 958 19 38.0N 0.7E
6.8 958 20 38.3N 4.1E
8.6 958 21 38.5N 7.5E
9.1 958 22 38.6N 9.2E
8.2 958 23 38.6N 10.9E
5.9 958 24 38.7N 12.6E
4.2 958 28 36.0N 35.2E
7.0 958 29 36.0N 4.0W
9.1 958 30 36.5N 0.7W
6.3 958 31 37.1N 5.9E
6.5 958 32 37.3N 11.8E
10.5 958 33 36.6N 26.9E
6.6 958 37 36.5N 19.3E
7.2 958 38 36.3N 22.6E
6.8 958 39 36.2N 24.3E
9.7 958 40 36.0N 25.9E
8.7 958 41 35.3N 30.8E
6.1 958 42 34.7N 34.8E
13.1 958 46 35.0N 28.3E
7.1 957 47 35.2N 19.2E
7.7 957 48 35.1N 20.8E
5.6 957 49 34.8N 24.1E
11.1 957 50 34.0N 30.5E
7.9 957 51 33.5N 33.6E
9.1 955 55 34.0N 15.9E
8.0 955 56 33.6N 22.3E
7.9 952 57 33.2N 18.3E
7.9 952 58 33.1N 19.9E
7.0 952 59 32.6N 26.2E
8.2 952 60 32.2N 29.3E
WIND SPEED kn
% 50
N NE E SE S SW W NW C T

WIND DIRECTION AND SPEED



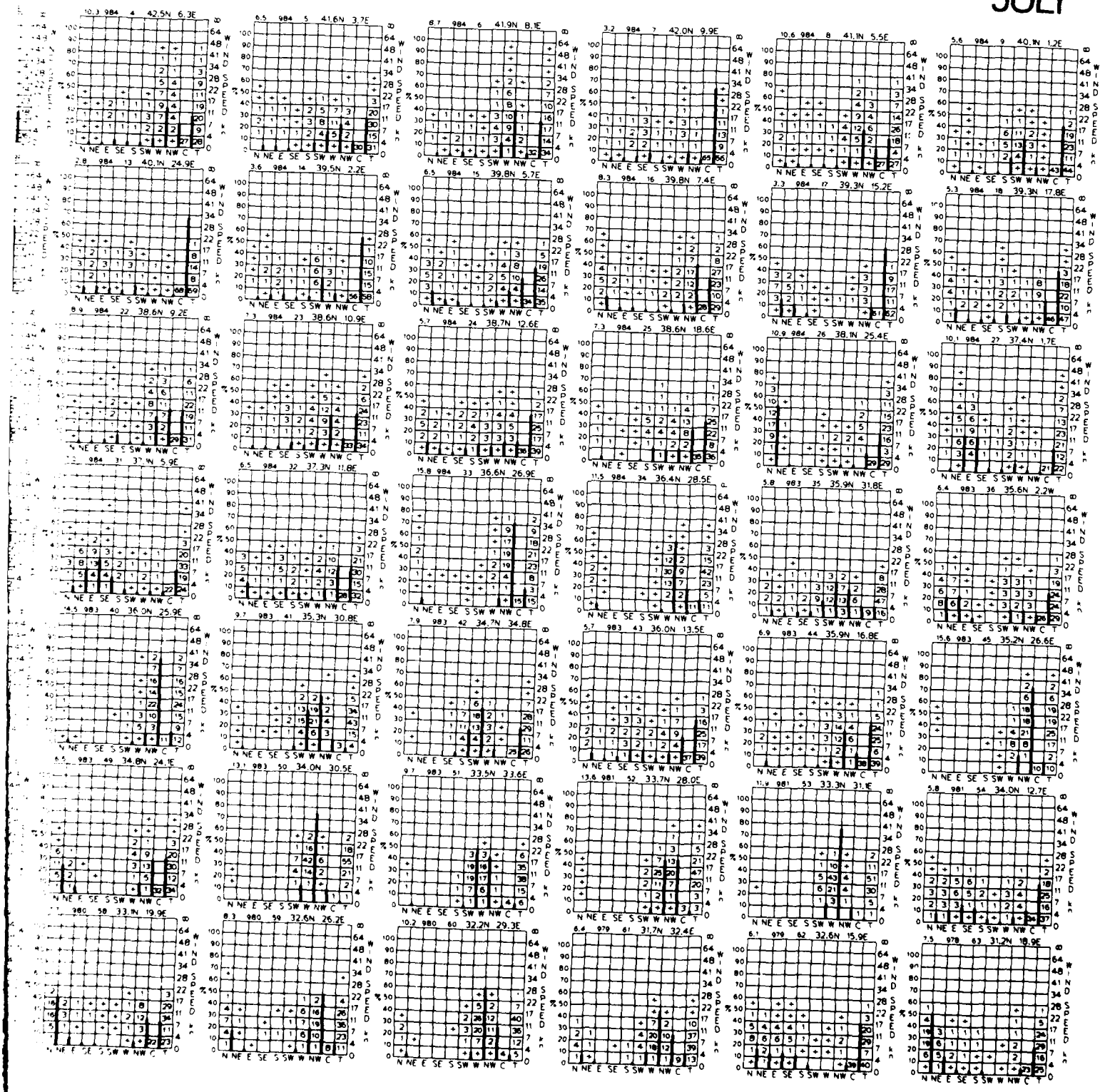
58 B

WIND DIRECTION AND SPEED



59 A

JULY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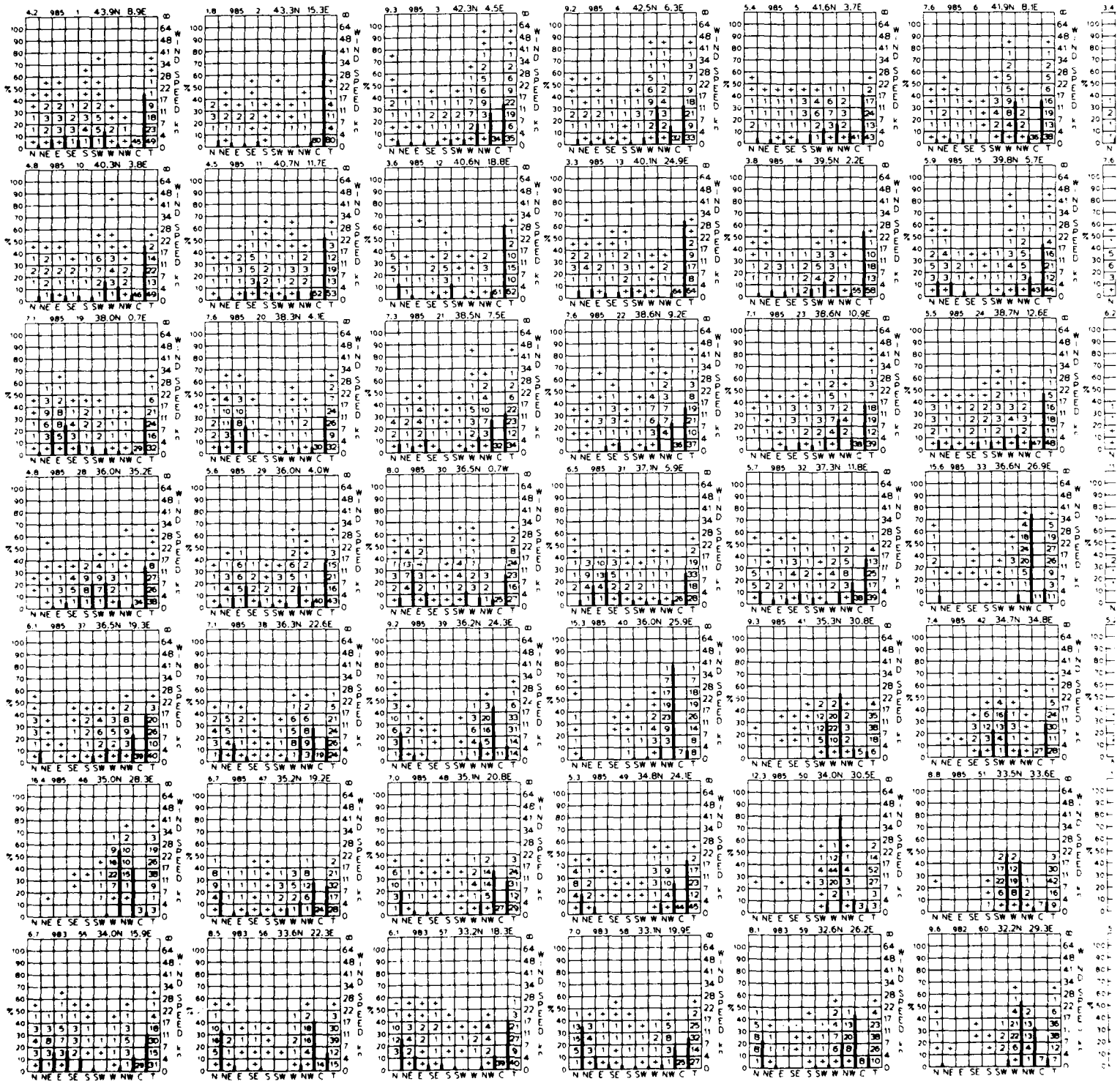
5.6 984 9 40.1N 1.2E
2.8 984 13 40.1N 24.9E
3.6 984 14 39.5N 2.2E
6.5 984 15 39.8N 5.7E
8.3 984 16 39.8N 7.4E
3.3 984 17 39.3N 15.2E
5.3 984 18 39.3N 17.8E
8.9 984 22 38.6N 9.2E
7.3 984 23 38.6N 10.9E
5.7 984 24 38.7N 12.6E
7.3 984 25 38.6N 18.6E
10.9 984 26 38.1N 25.4E
10.1 984 27 37.4N 1.7E
6.5 984 32 37.3N 11.8E
15.8 984 33 36.6N 26.9E
11.5 984 34 36.4N 28.5E
5.8 983 35 35.9N 31.8E
6.4 983 36 35.6N 2.2W
14.5 983 40 36.0N 25.9E
9.7 983 41 35.3N 30.8E
7.9 983 42 34.7N 34.8E
5.7 983 43 36.0N 13.5E
6.9 983 44 35.9N 16.8E
15.6 983 45 35.2N 26.6E
6.5 983 49 34.8N 24.1E
13.1 983 50 34.0N 30.5E
9.7 983 51 33.5N 33.6E
13.6 981 52 33.7N 28.0E
11.9 981 53 33.3N 31.1E
5.8 981 54 34.0N 12.7E
980 58 33.1N 19.9E
8.3 980 59 32.6N 26.2E
10.2 980 60 32.2N 29.3E
6.4 979 61 31.7N 32.4E
6.1 979 62 32.6N 15.9E
7.5 978 63 31.2N 18.9E
WIND SPEED kn
% 50
N NE E SE S SW W NW C T

AUGUST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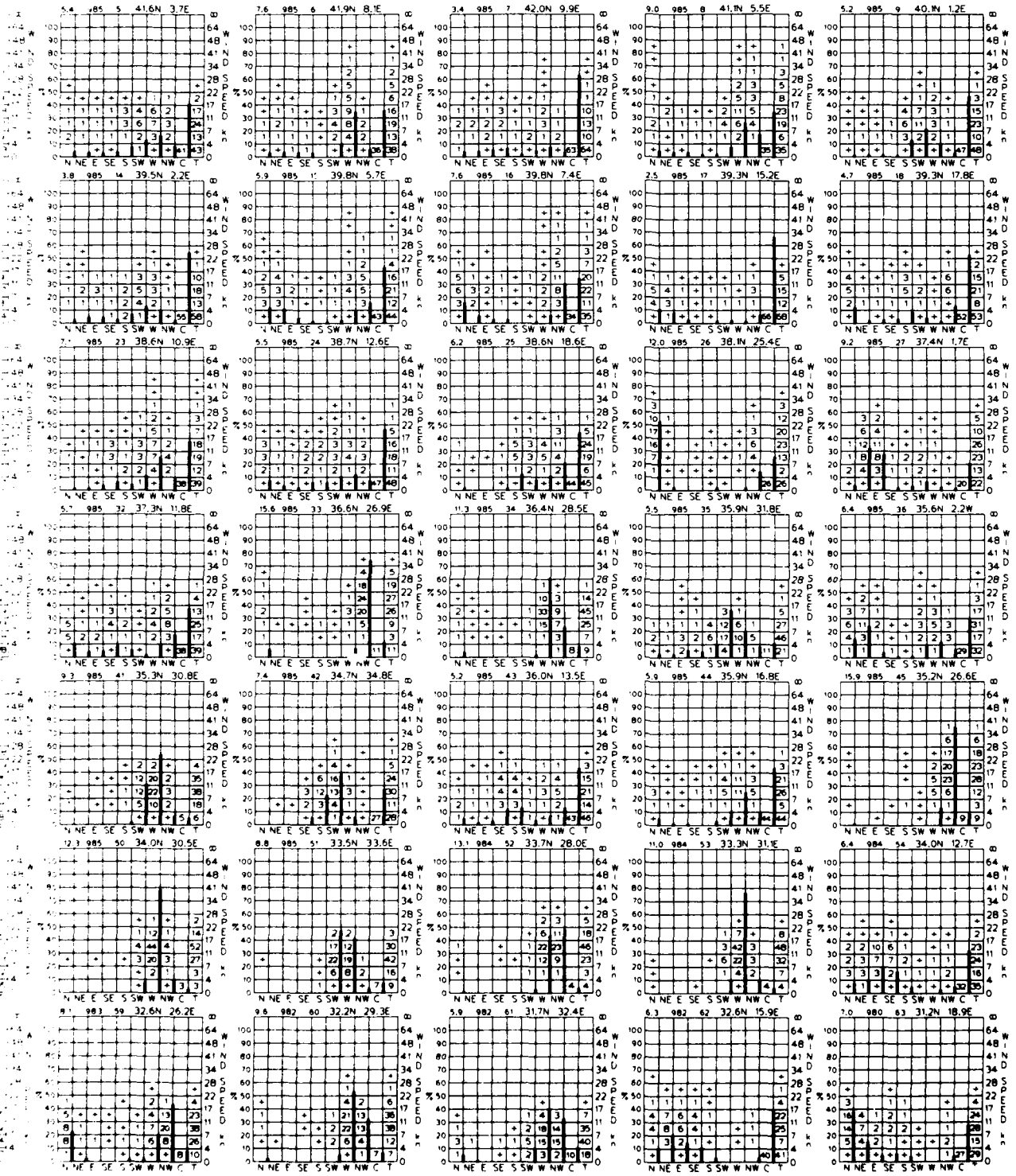
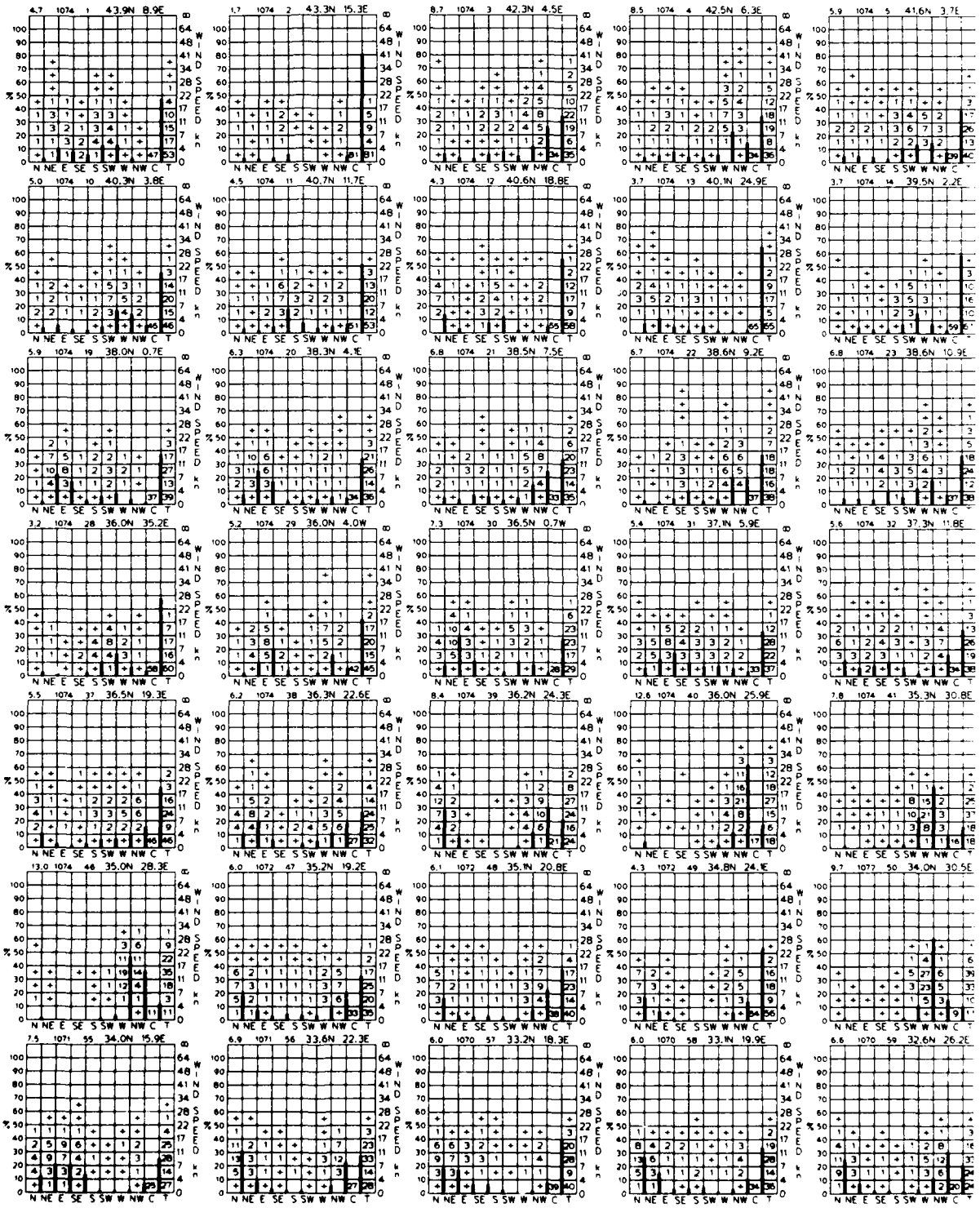
1.8 985 2 43.3N 15.3E
9.3 985 3 42.3N 4.5E
9.2 985 4 42.5N 6.3E
5.4 985 5 41.6N 3.7E
7.6 985 6 41.9N 8.1E
4.8 985 10 40.3N 3.8E
4.5 985 11 40.7N 11.7E
3.6 985 12 40.6N 18.8E
3.3 985 13 40.1N 24.9E
3.8 985 14 39.5N 2.2E
5.9 985 15 39.8N 5.7E
7.1 985 19 38.0N 0.7E
7.6 985 20 38.3N 4.1E
7.3 985 21 38.5N 7.5E
7.6 985 22 38.6N 9.2E
7.1 985 23 38.6N 10.9E
5.5 985 24 38.7N 12.6E
4.8 985 28 36.0N 35.2E
5.6 985 29 36.0N 4.0W
8.0 985 30 36.5N 0.7W
6.5 985 31 37.1N 5.9E
5.7 985 32 37.3N 11.8E
15.6 985 33 36.6N 26.9E
6.1 985 37 36.5N 19.3E
7.1 985 38 36.3N 22.6E
9.2 985 39 36.2N 24.3E
15.3 985 40 36.0N 25.9E
9.3 985 41 35.3N 30.8E
7.4 985 42 34.7N 34.8E
16.4 985 46 35.0N 28.3E
6.7 985 47 35.2N 19.2E
7.0 985 48 35.1N 20.8E
5.3 985 49 34.8N 24.1E
12.3 985 50 34.0N 30.5E
8.8 985 51 33.5N 33.6E
6.7 983 55 34.0N 15.9E
8.5 983 56 33.6N 22.3E
6.1 983 57 33.2N 18.3E
7.0 983 58 33.1N 19.9E
8.1 983 59 32.6N 26.2E
9.6 982 60 32.2N 29.3E
WIND SPEED kn
% 50
N NE E SE S SW W NW C T

WIND DIRECTION AND SPEED



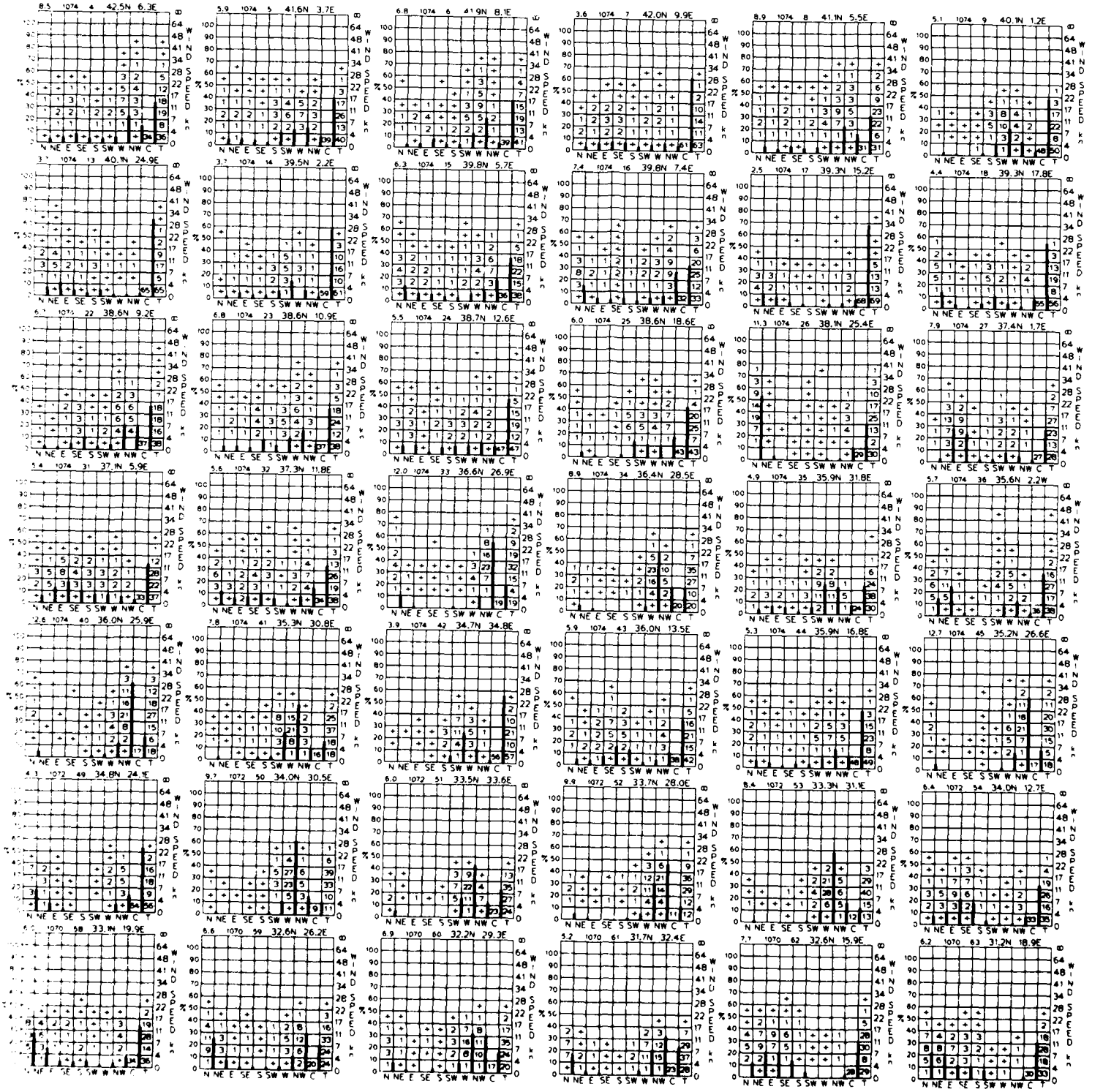
G27R

WIND DIRECTION AND SPEED



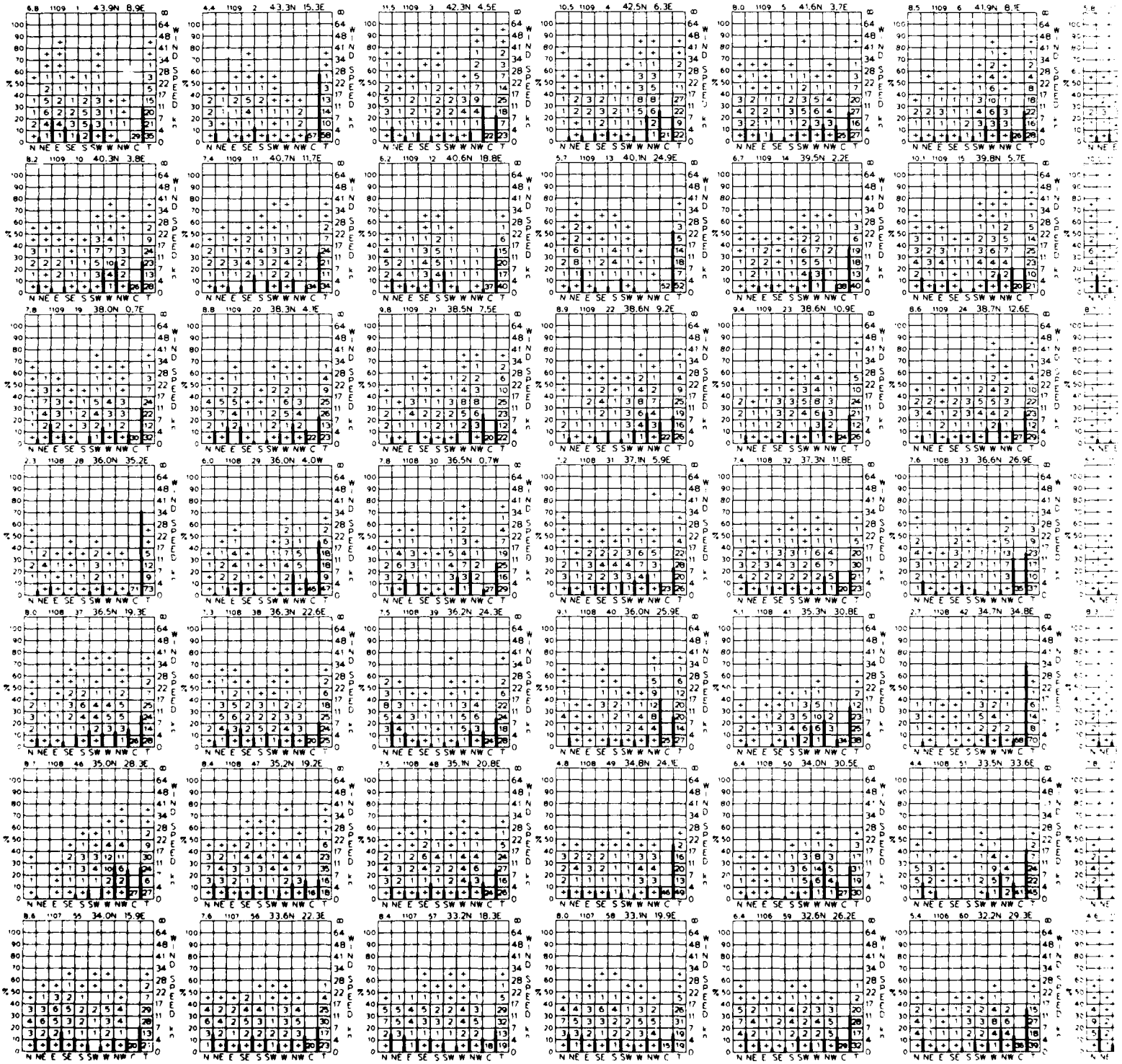
ED

SEPTEMBER

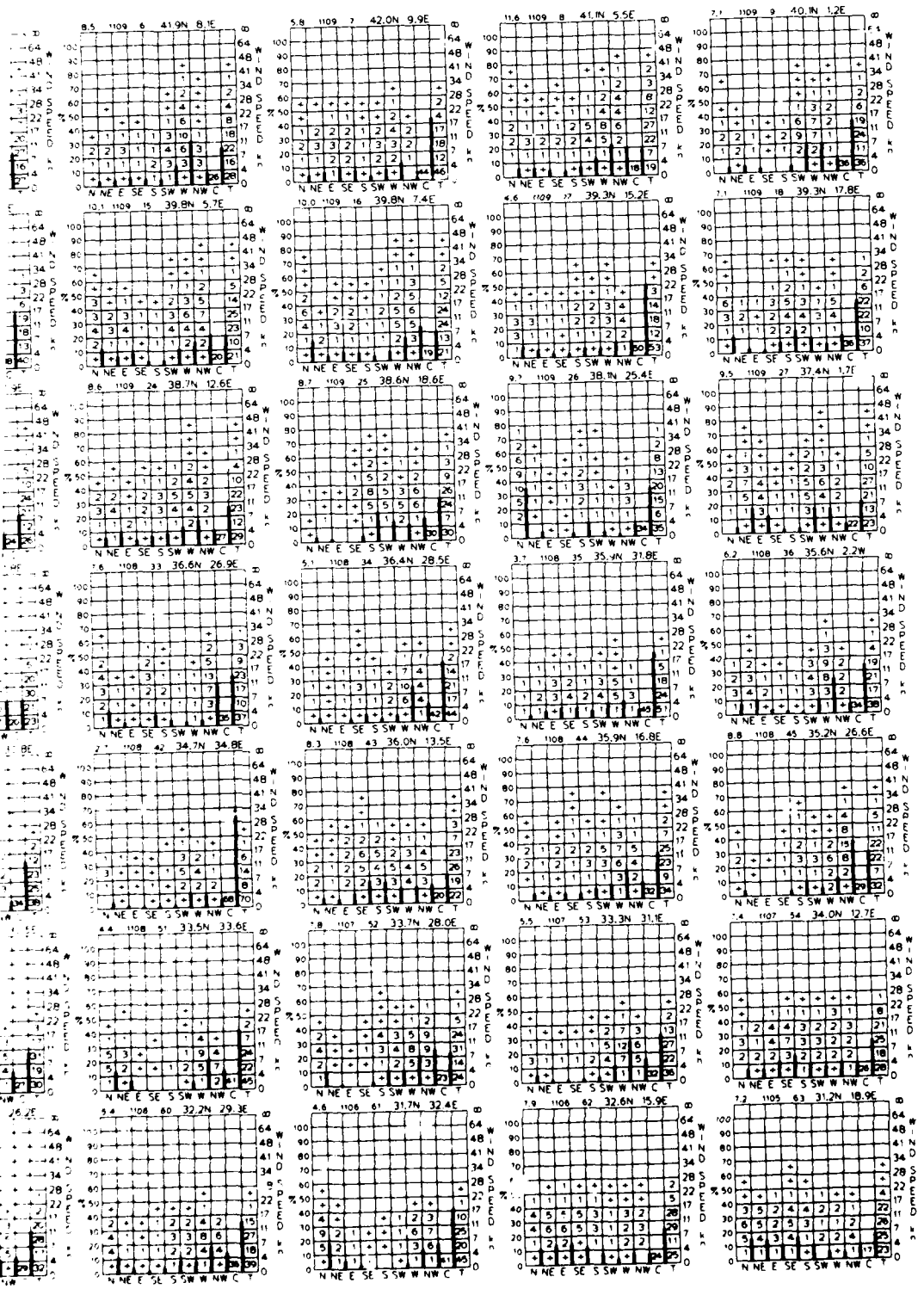


OCTOBER

WIND

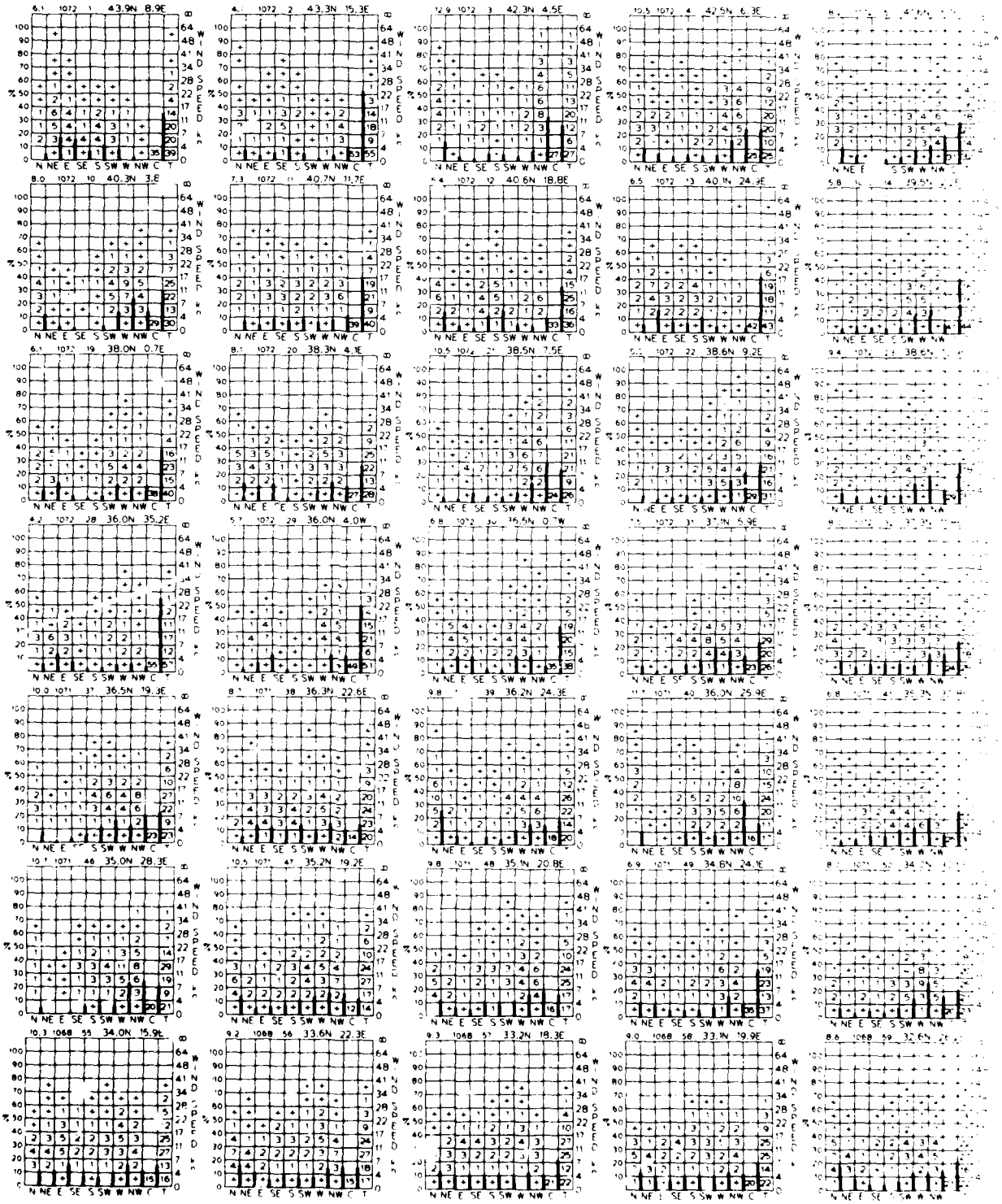


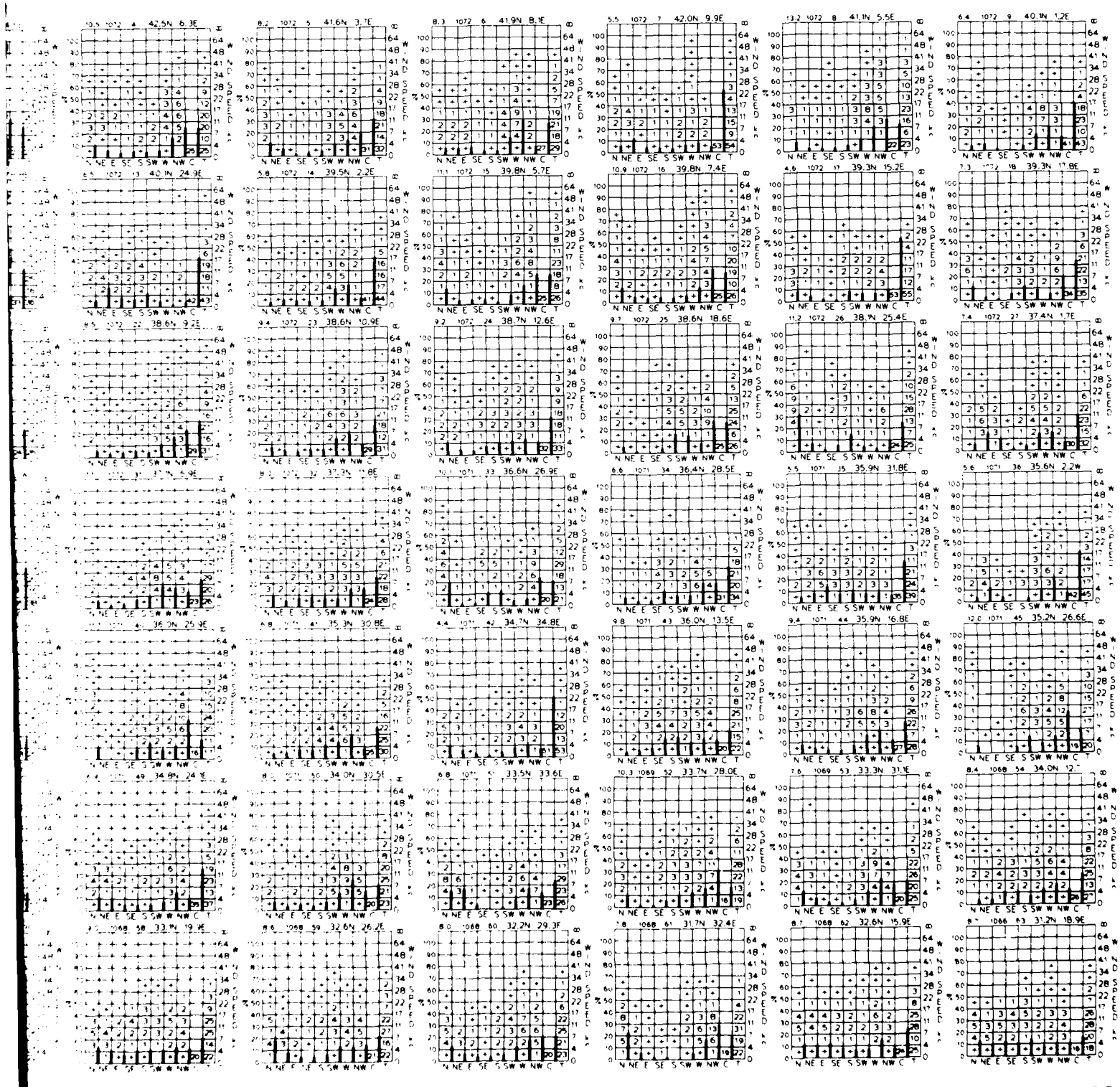
WIND DIRECTION AND SPEED



62 B

WIND DIRECTION AND SPEED

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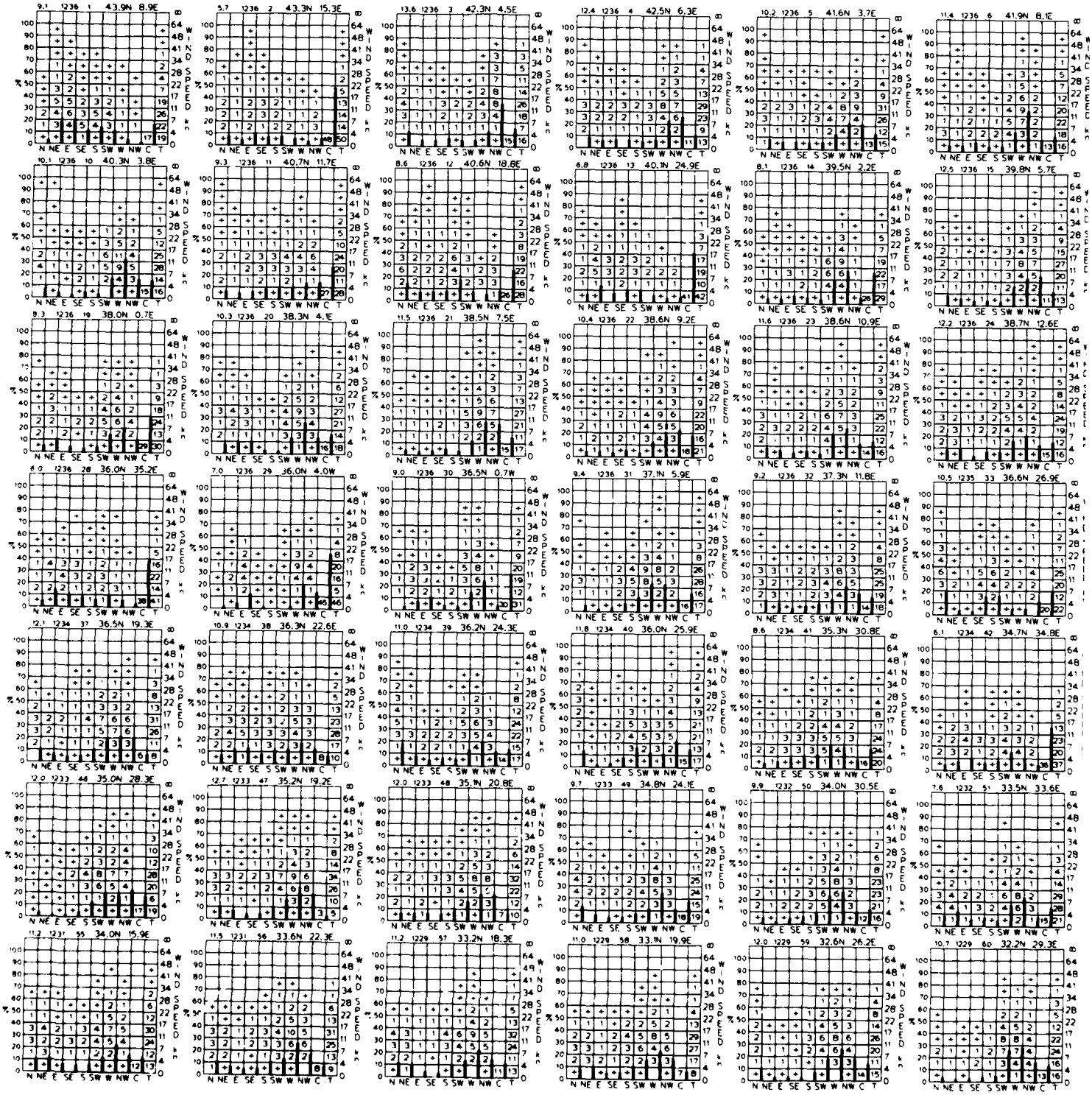
5.5 1072 7 42.0N 9.9E
13.2 1072 8 41.1N 5.5E
6.4 1072 9 40.1N 1.2E
8.5 1072 13 40.1N 24.9E
5.8 1072 14 39.5N 2.2E
11.1 1072 15 39.8N 5.7E
10.9 1072 16 39.8N 7.4E
4.6 1072 17 39.3N 15.2E
7.3 1072 18 39.3N 17.8E
8.5 1072 22 38.6N 9.2E
9.4 1072 23 38.6N 10.9E
9.2 1072 24 38.7N 12.6E
9.7 1072 25 38.6N 18.6E
11.2 1072 26 38.1N 25.4E
7.4 1072 27 37.4N 1.7E
10.1 1071 33 36.6N 26.9E
6.6 1071 34 36.4N 28.5E
5.5 1071 35 35.9N 31.8E
5.6 1071 36 35.6N 2.2W
4.4 1071 42 34.7N 34.8E
9.8 1071 43 36.0N 13.5E
9.4 1071 44 35.9N 16.8E
12.0 1071 45 35.2N 26.6E
10.3 1069 52 33.7N 28.0E
7.6 1069 53 33.3N 31.1E
8.4 1068 54 34.0N 12.
8.6 1068 59 32.6N 26.2E
8.0 1068 60 32.2N 29.3E
7.8 1068 61 31.7N 32.4E
8.7 1068 62 32.6N 15.9E
8.1 1066 63 31.2N 18.9E
N NE E SE S SW W NW C T
% SPEED
WIND SPEED kn

DECEMBER


9.1 1236 1 43.9N 8.9E
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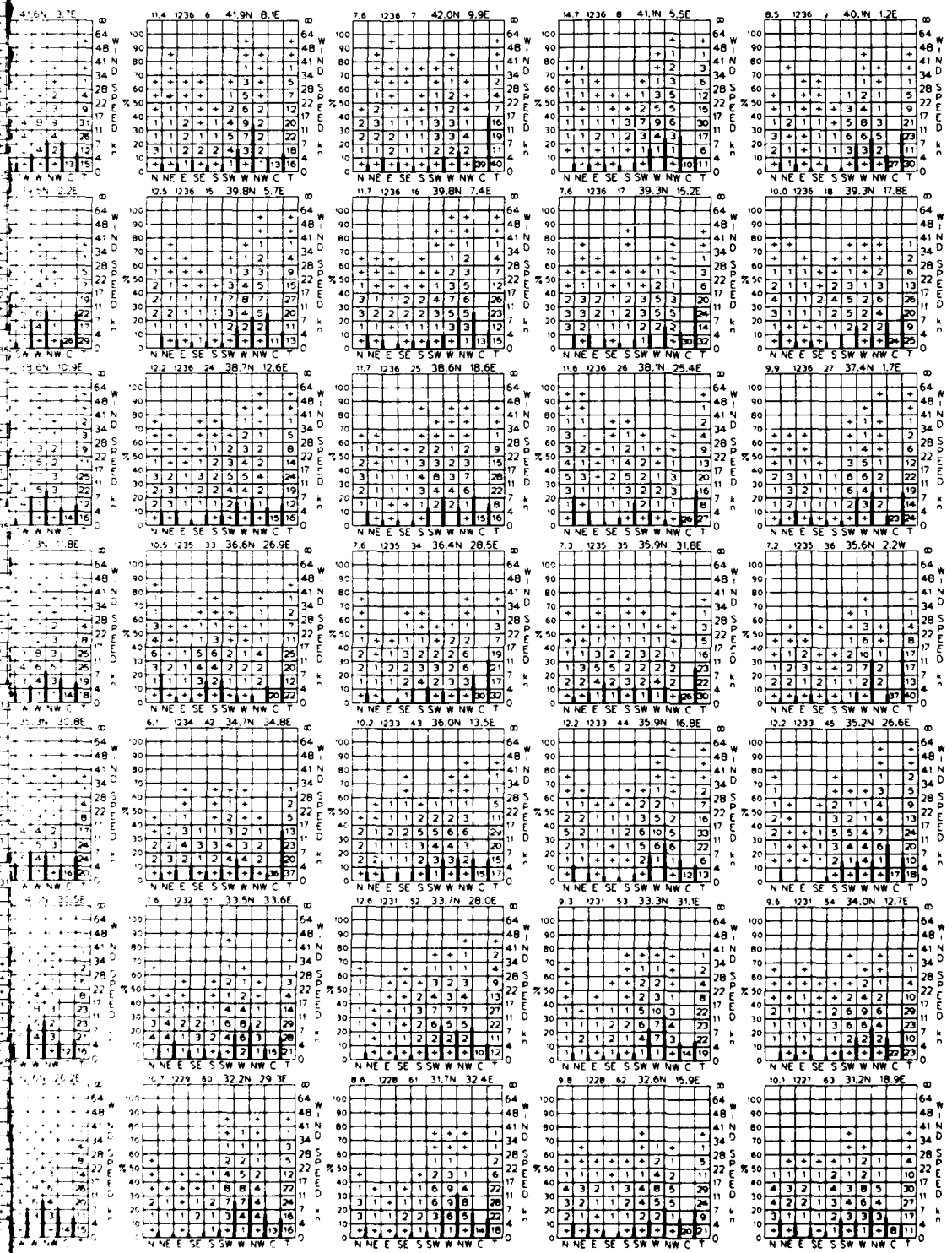
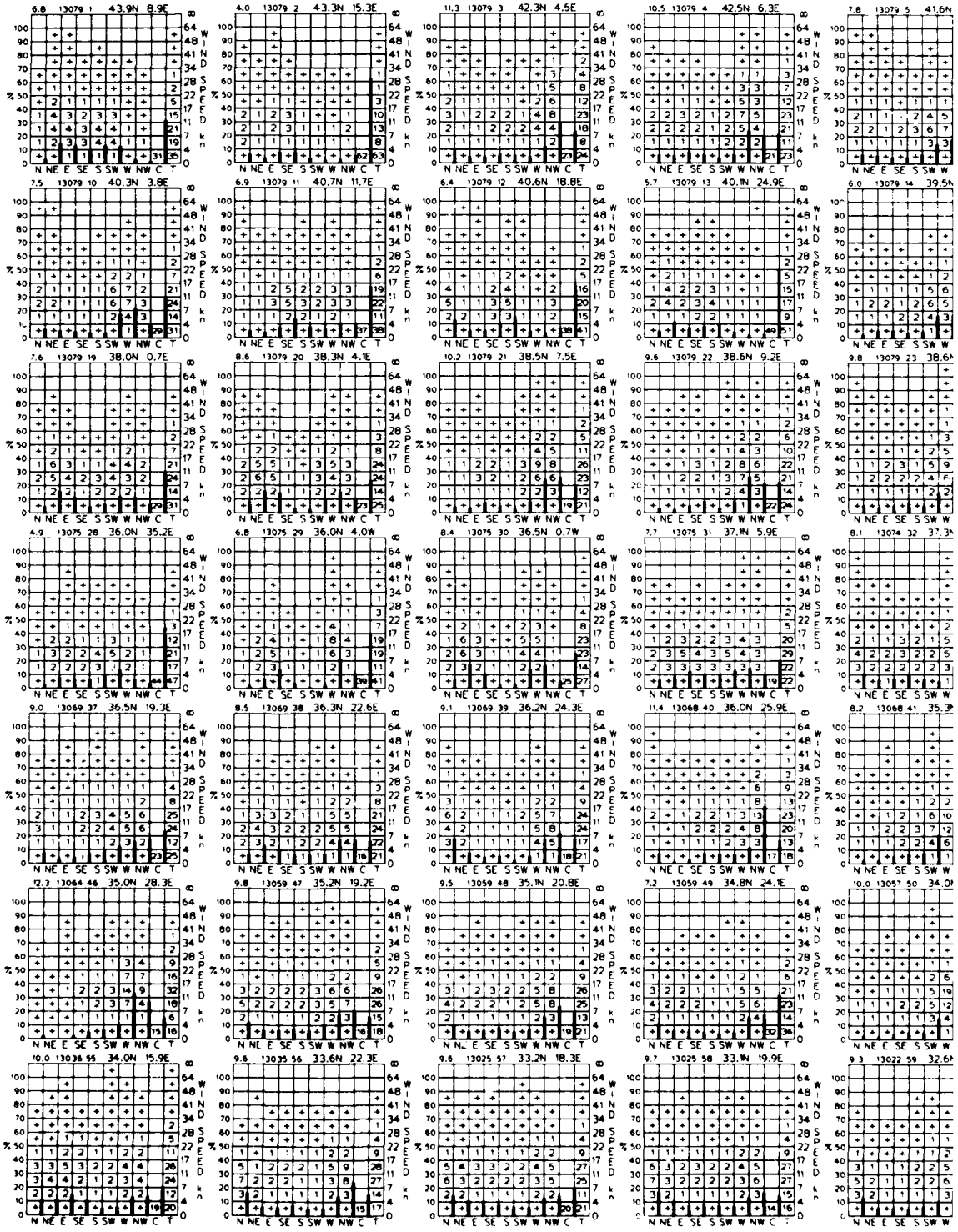
13.6 1236 3 42.3N 4.5E
12.4 1236 4 42.5N 6.3E
10.2 1236 5 41.6N 3.7E
11.4 1236 6 41.9N 8.1E
10.1 1236 10 40.3N 3.8E
9.3 1236 11 40.7N 11.7E
8.6 1236 12 40.6N 18.8E
6.8 1236 13 40.1N 24.9E
8.1 1236 14 39.5N 2.2E
12.5 1236 15 39.8N 5.7E
9.3 1236 19 38.0N 0.7E
10.3 1236 20 38.3N 4.1E
11.5 1236 21 38.5N 7.5E
10.4 1236 22 38.6N 9.2E
11.6 1236 23 38.6N 10.9E
12.2 1236 24 38.7N 12.6E
6.0 1236 28 36.0N 35.2E
7.0 1236 29 36.0N 4.0W
9.0 1236 30 36.5N 0.7W
9.4 1236 31 37.1N 5.9E
9.2 1236 32 37.3N 11.8E
10.5 1235 33 36.6N 26.9E
12.1 1234 37 36.5N 19.3E
10.9 1234 38 36.3N 22.6E
11.0 1234 39 36.2N 24.3E
11.8 1234 40 36.0N 25.9E
8.6 1234 41 35.3N 30.8E
6.1 1234 42 34.7N 34.8E
12.0 1233 46 35.0N 28.3E
12.7 1233 47 35.2N 19.2E
12.0 1233 48 35.1N 20.8E
9.7 1233 49 34.8N 24.1E
9.9 1232 50 34.0N 30.5E
7.6 1232 51 33.5N 33.6E
11.2 1231 55 34.0N 15.9E
11.5 1231 56 33.6N 22.3E
11.2 1229 57 33.2N 18.3E
11.0 1229 58 33.1N 19.9E
12.0 1229 59 32.6N 26.2E
10.7 1229 60 32.2N 29.3E
WIND SPEED kn
% 50
N NE E SE S SW W NW C T

WIND DIRECTION AND SPEED



64B

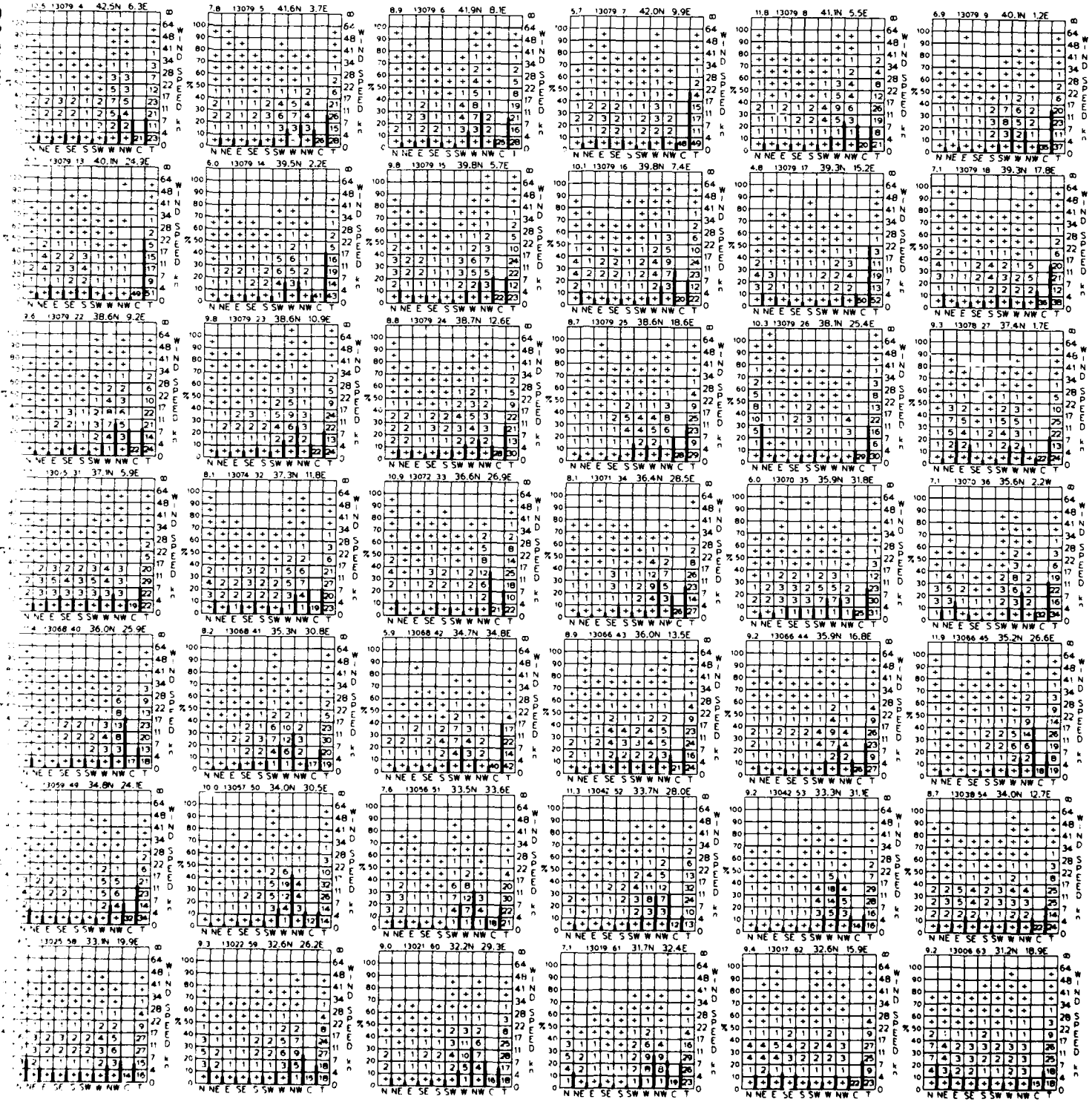
WIND DIRECTION AND SPEED



65 A

ED

ANNUAL


10.5 13079 4 42.5N 6.3E
7.8 13079 5 41.6N 3.7E
8.9 13079 6 41.9N 8.1E
5.7 13079 7 42.0N 9.9E
11.8 13079 8 41.1N 5.5E
6.9 13079 9 40.1N 1.2E
13079 13 40.1N 24.9E
6.0 13079 14 39.5N 2.2E
9.8 13079 15 39.8N 5.7E
10.1 13079 16 39.8N 7.4E
4.8 13079 17 39.3N 15.2E
7.1 13079 18 39.3N 17.8E
2.6 13079 22 38.6N 9.2E
9.8 13079 23 38.6N 10.9E
8.8 13079 24 38.7N 12.6E
8.7 13079 25 38.6N 18.6E
10.3 13079 26 38.1N 25.4E
9.3 13078 27 37.4N 1.7E
130.5 31 37.1N 5.9E
8.1 13074 32 37.3N 11.8E
10.9 13072 33 36.6N 26.9E
8.1 13071 34 36.4N 28.5E
6.0 13070 35 35.9N 31.8E
7.1 13070 36 35.6N 2.2W
13068 40 36.0N 25.9E
8.2 13068 41 35.3N 30.8E
5.9 13068 42 34.7N 34.8E
8.9 13066 43 36.0N 13.5E
9.2 13066 44 35.9N 16.8E
11.9 13066 45 35.2N 26.6E
13059 49 34.8N 24.1E
10.0 13057 50 34.0N 30.5E
7.6 13056 51 33.5N 33.6E
11.3 13042 52 33.7N 28.0E
9.2 13042 53 33.3N 31.1E
8.7 13038 54 34.0N 12.7E
13025 58 33.1N 19.9E
9.3 13022 59 32.6N 26.2E
9.0 13021 60 32.2N 29.3E
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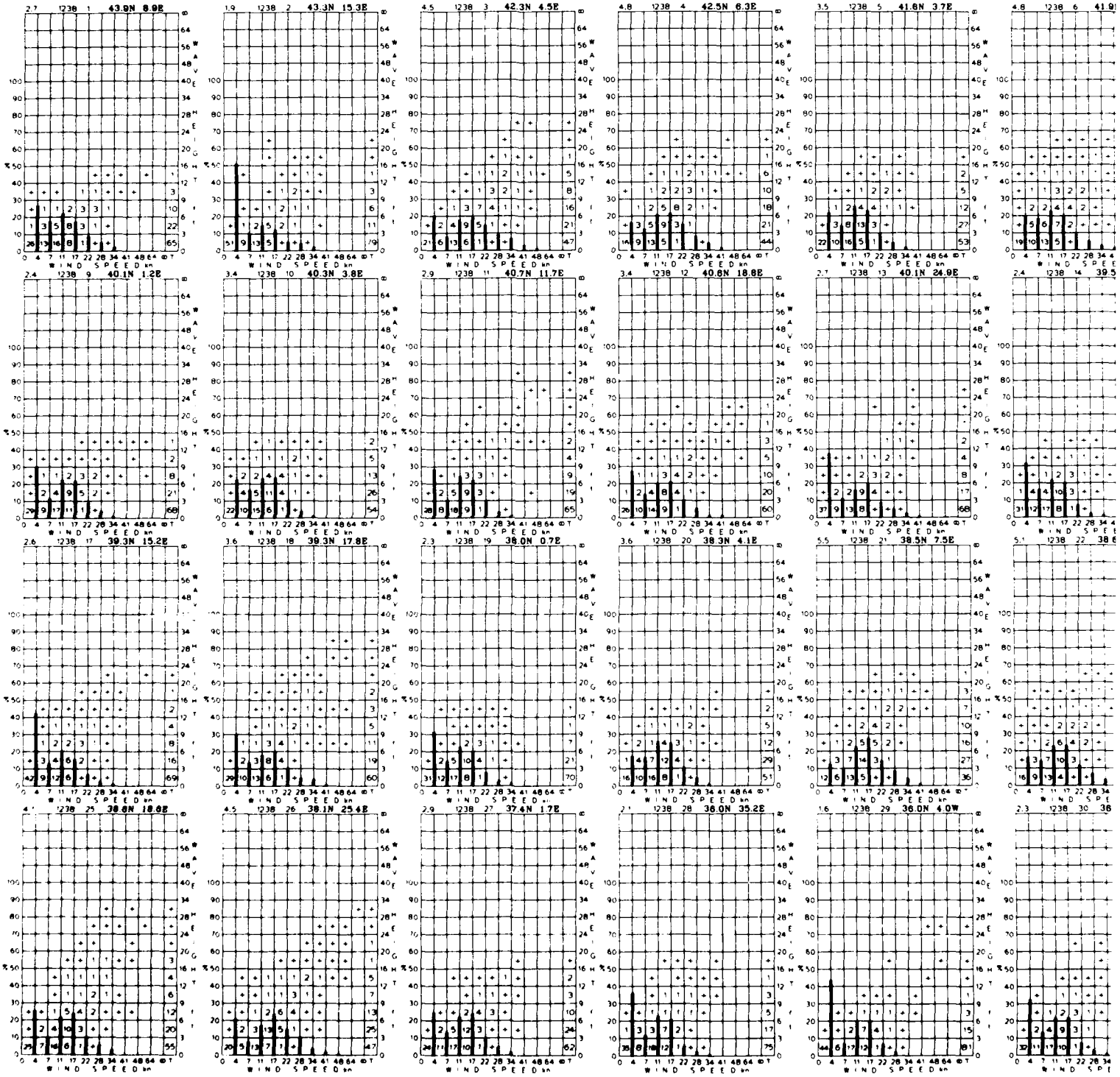
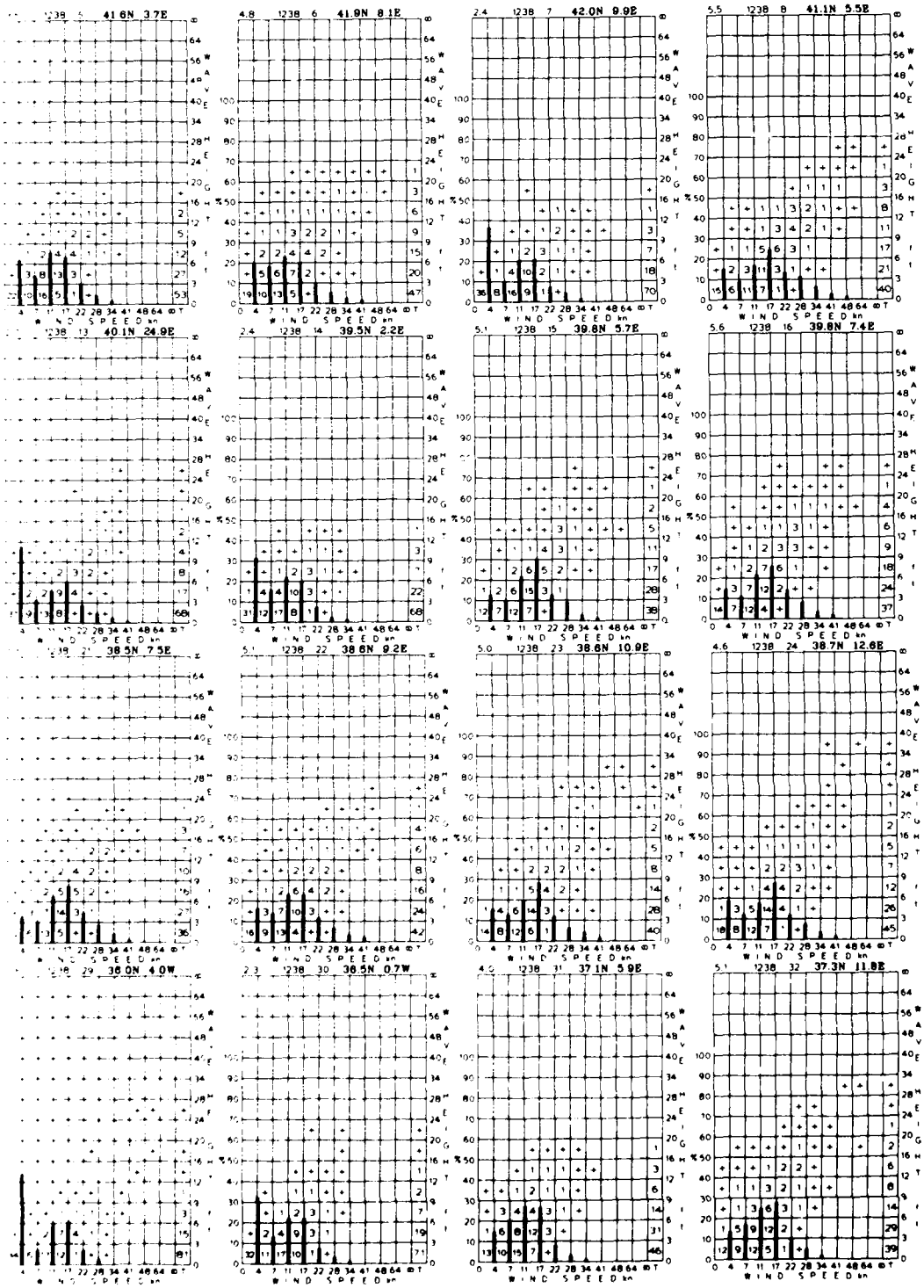
9.4 13017 62 32.6N 15.9E
9.2 13006 63 31.2N 18.9E

JANUARY

WAVE HE

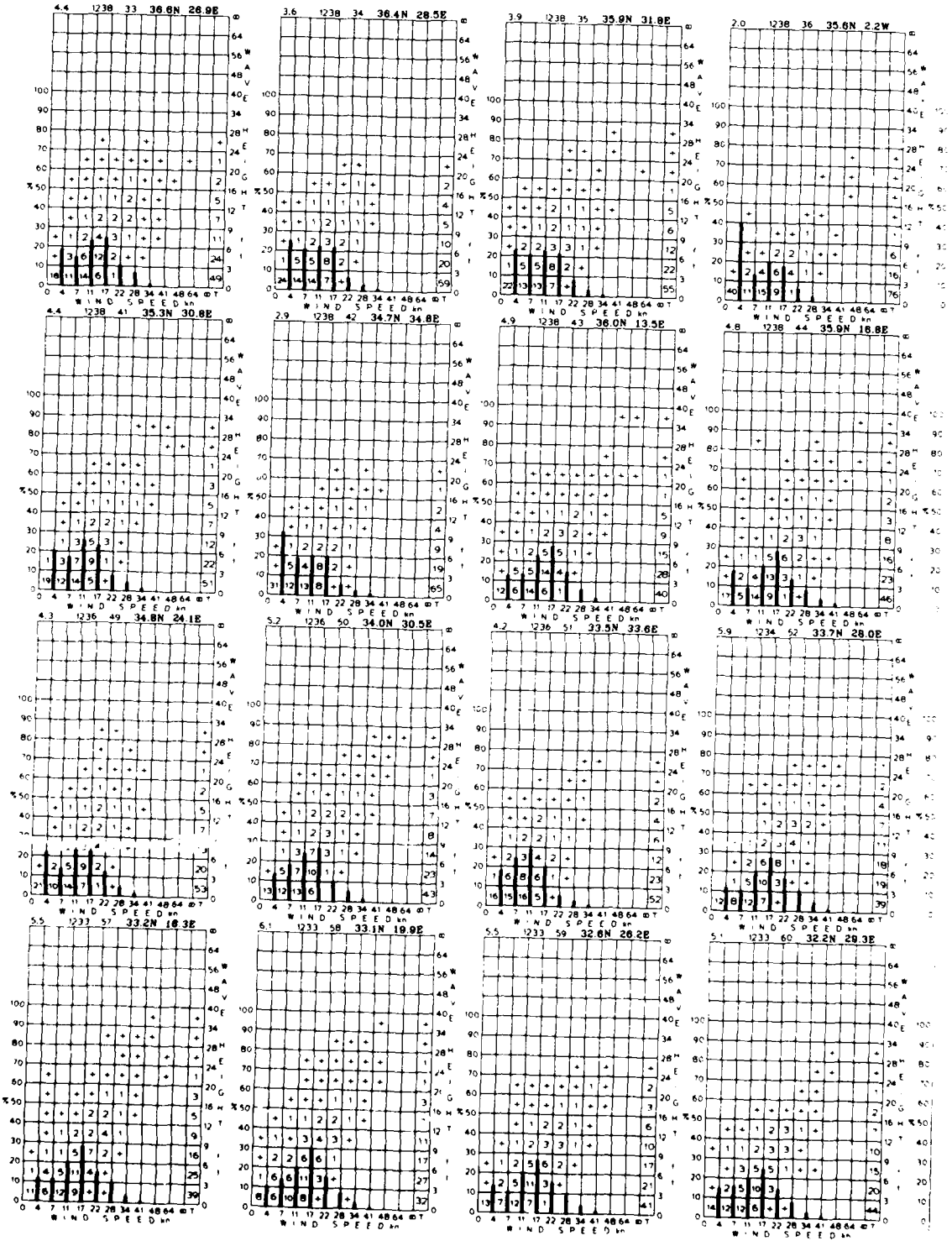


WAVE HEIGHT AND WIND SPEED

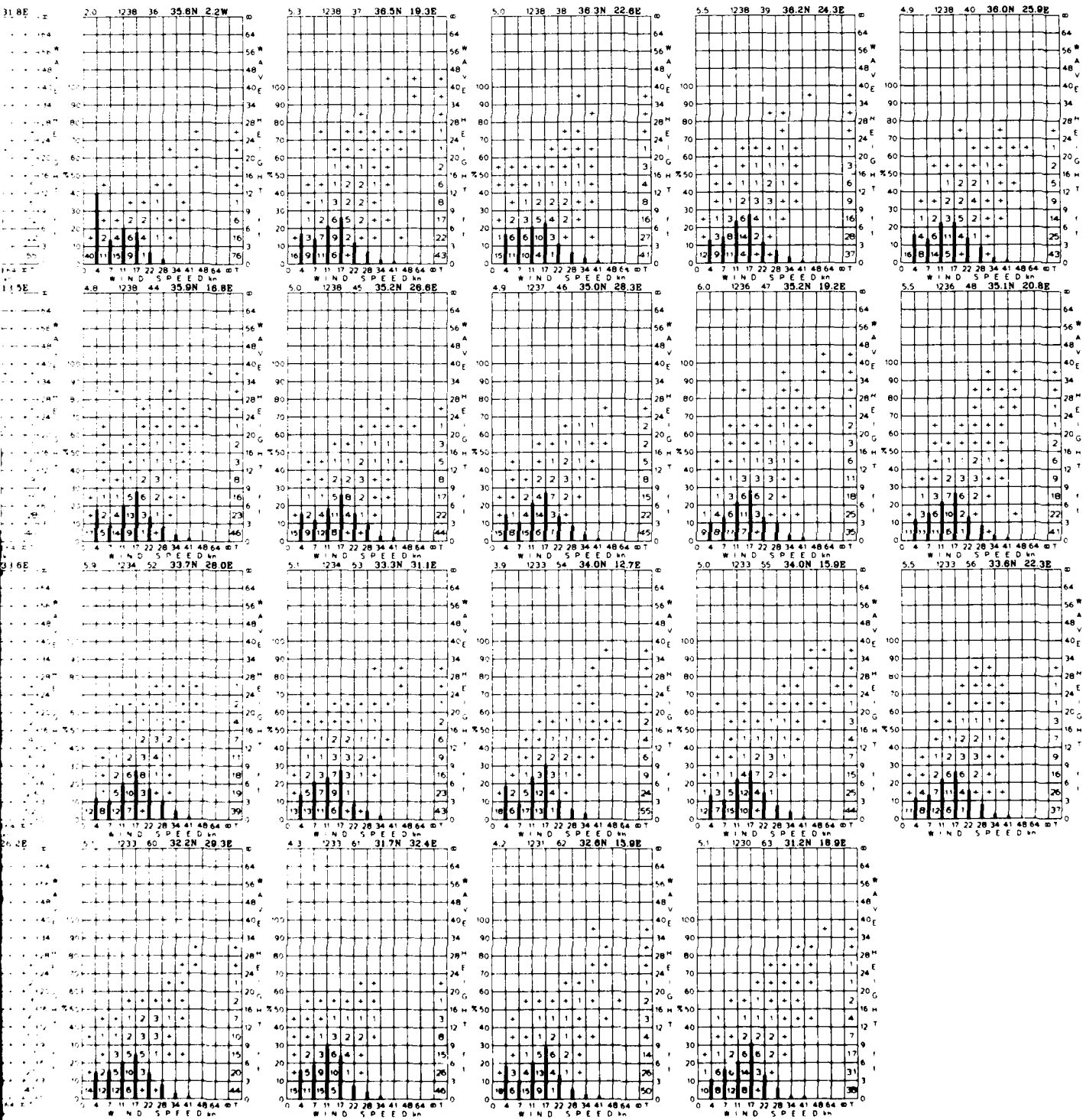


66 B

WAVE HEIGHT AND WIND SPEED (Cont'd)

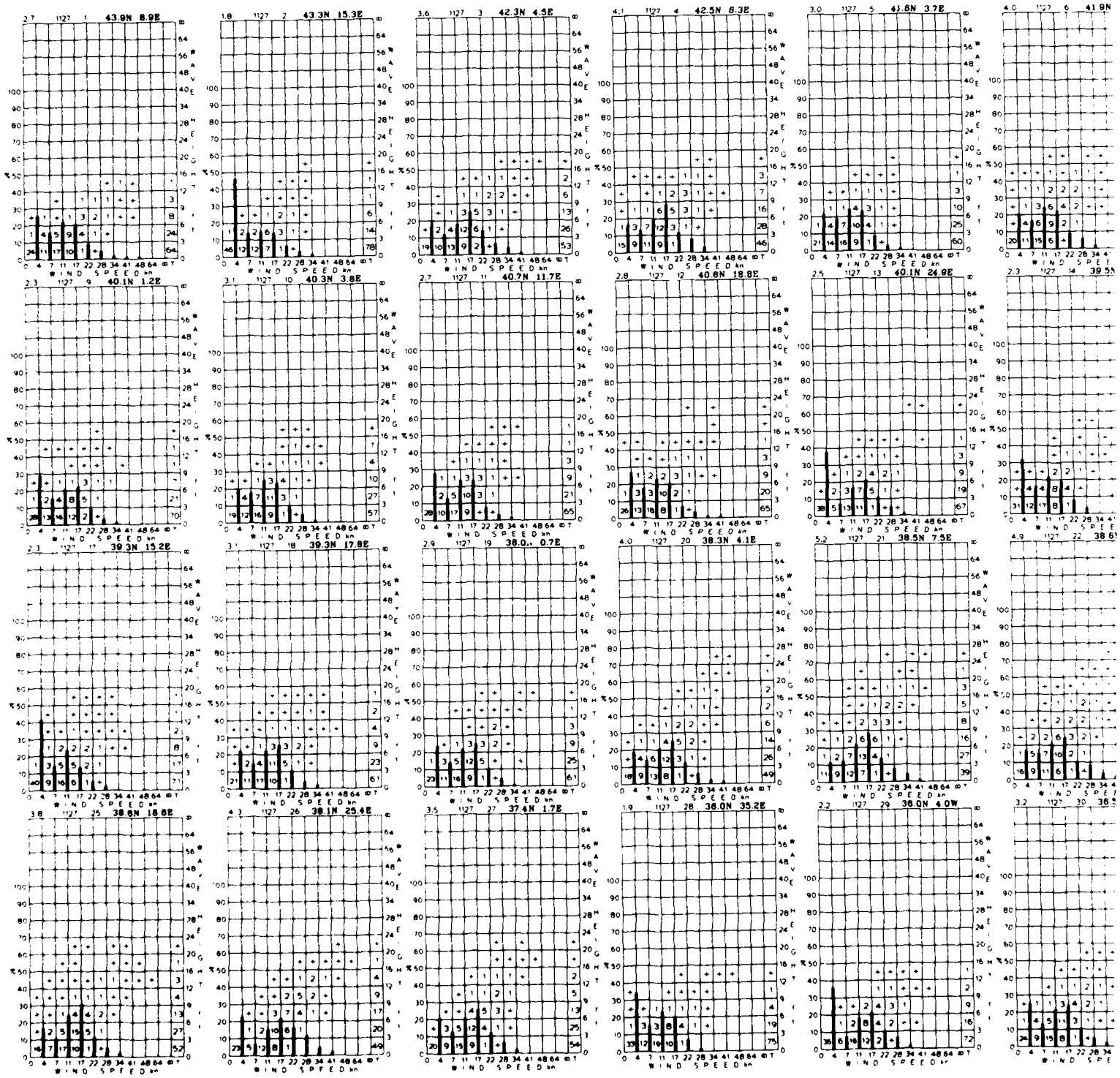


67 A

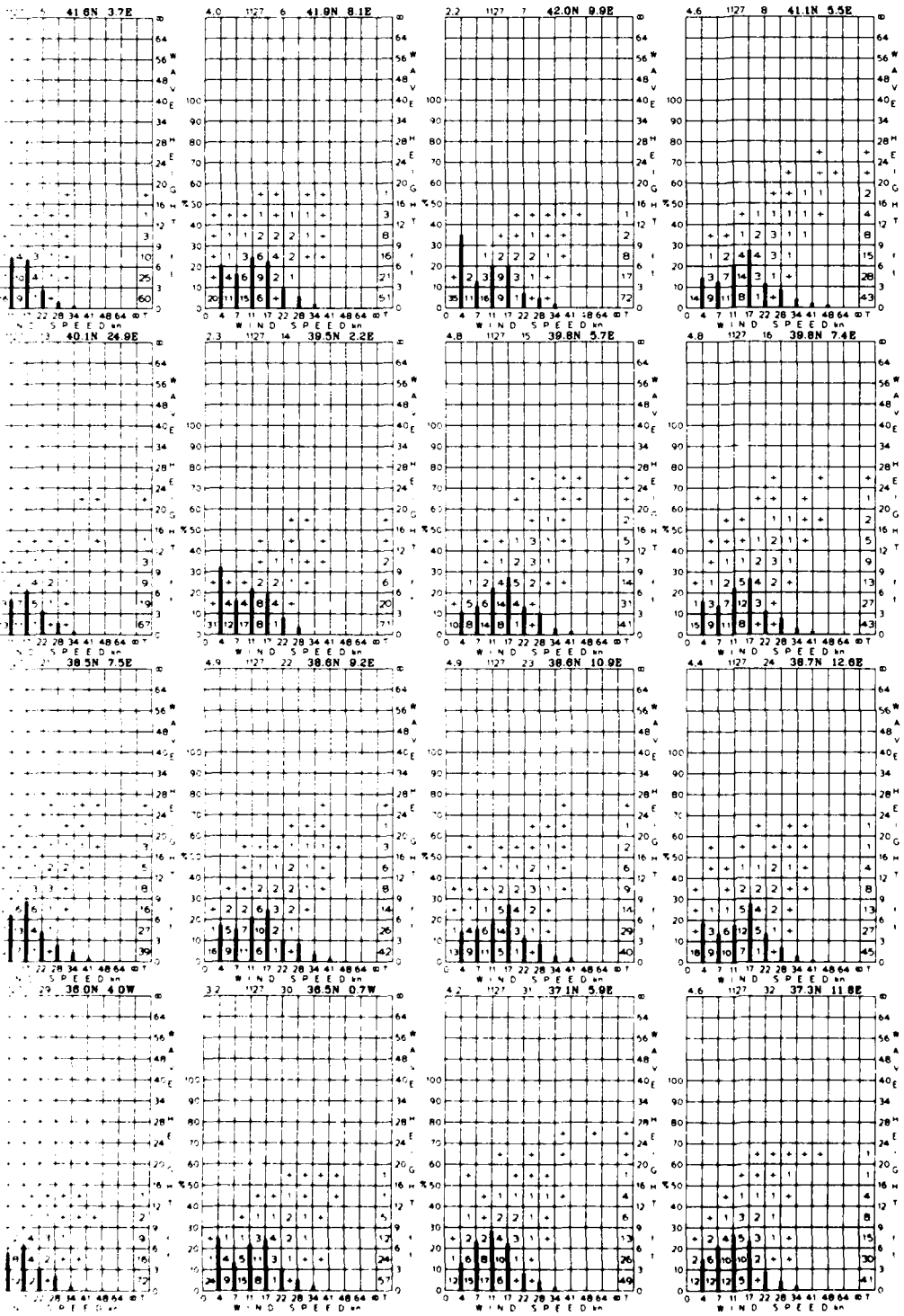

2.0 1238 36 35.6N 2.2W
5.3 1238 37 36.5N 19.3E
5.0 1238 38 36.3N 22.6E
5.5 1238 39 36.2N 24.3E
4.9 1238 40 36.0N 25.9E
4.8 1238 44 35.9N 16.8E
5.0 1238 45 35.2N 26.6E
4.9 1237 46 35.0N 28.3E
6.0 1236 47 35.2N 19.2E
5.5 1236 48 35.1N 20.8E
5.9 1234 52 33.7N 28.0E
5.1 1234 53 33.3N 31.1E
3.9 1233 54 34.0N 12.7E
5.0 1233 55 34.0N 15.9E
5.5 1233 56 33.6N 22.3E
5.1 1233 60 32.2N 29.3E
4.3 1233 61 31.7N 32.4E
4.2 1231 62 32.6N 13.9E
5.1 1230 63 31.2N 18.9E
WIND SPEED kn

FEBRUARY

WAVE HEI

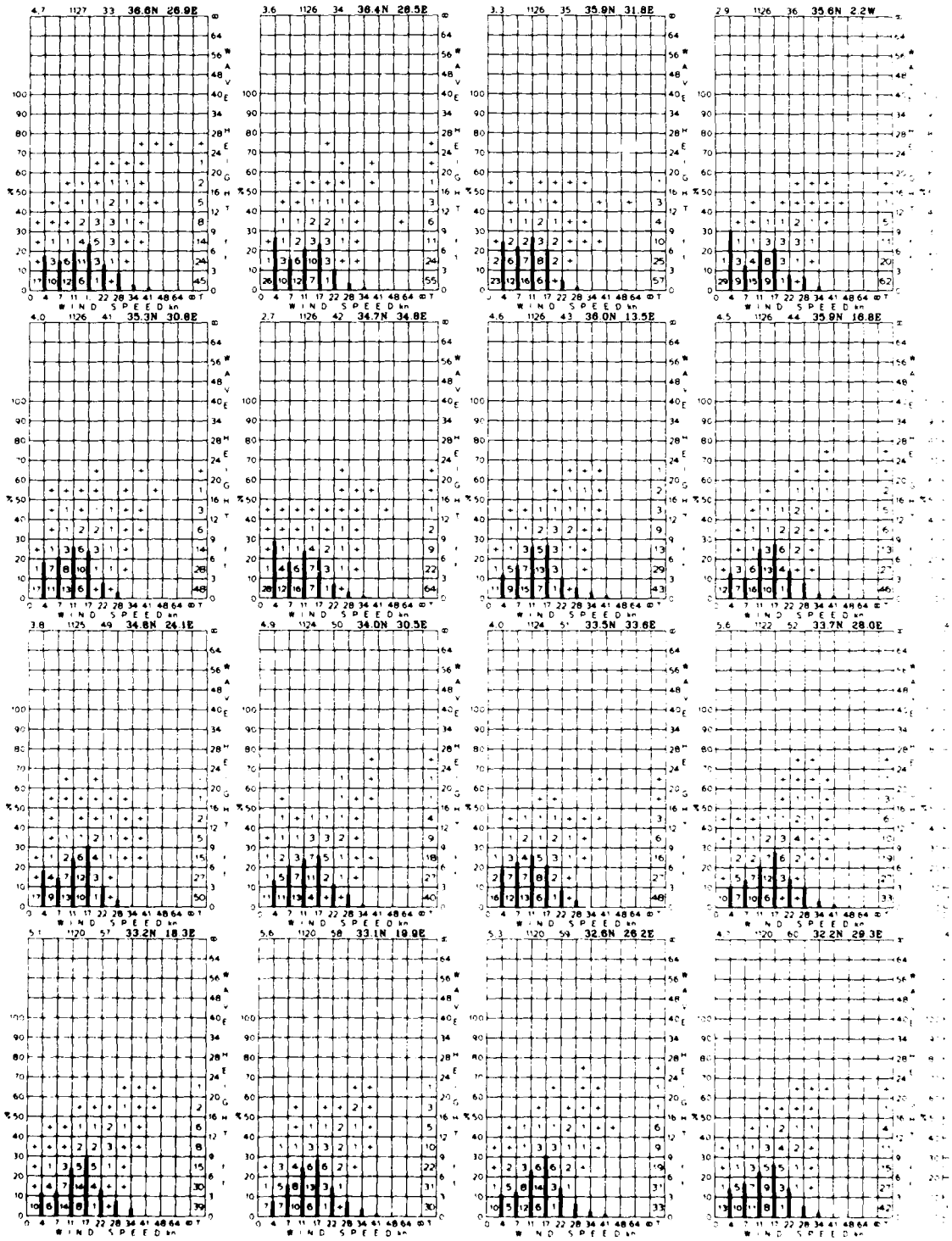


WAVE HEIGHT AND WIND SPEED

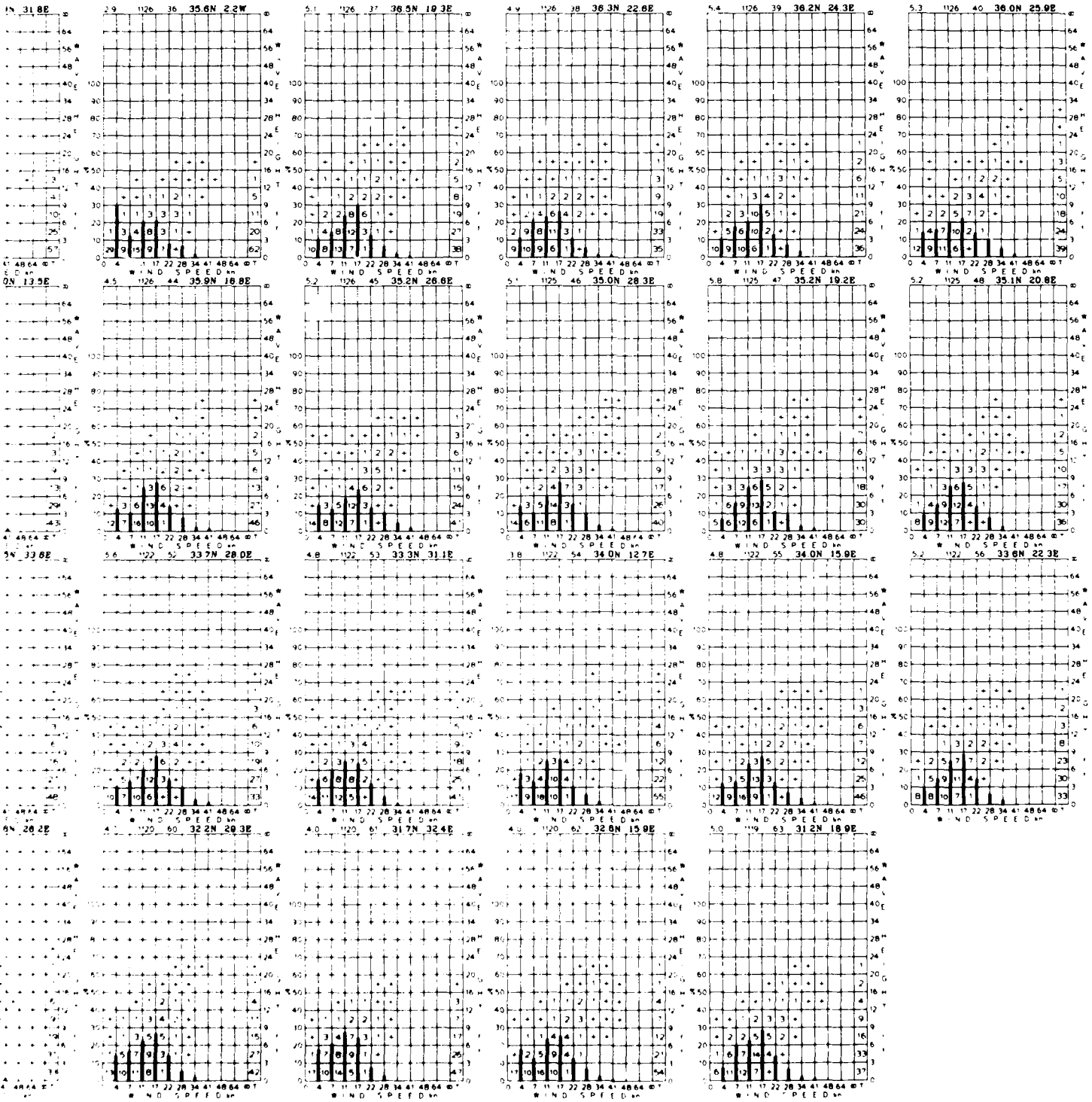


68 B

WAVE HEIGHT AND WIND SPEED (Cont'd)

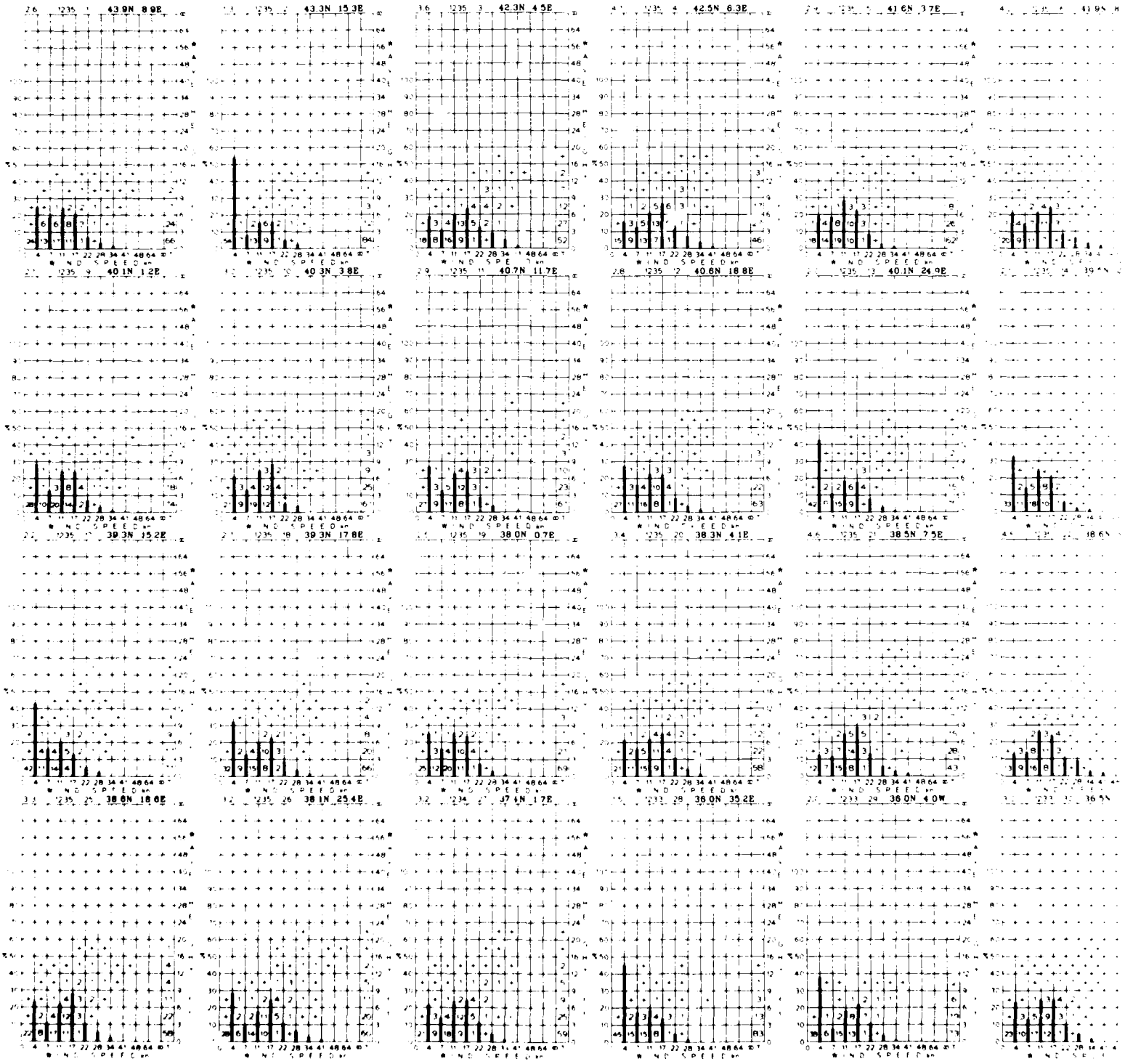


69 A

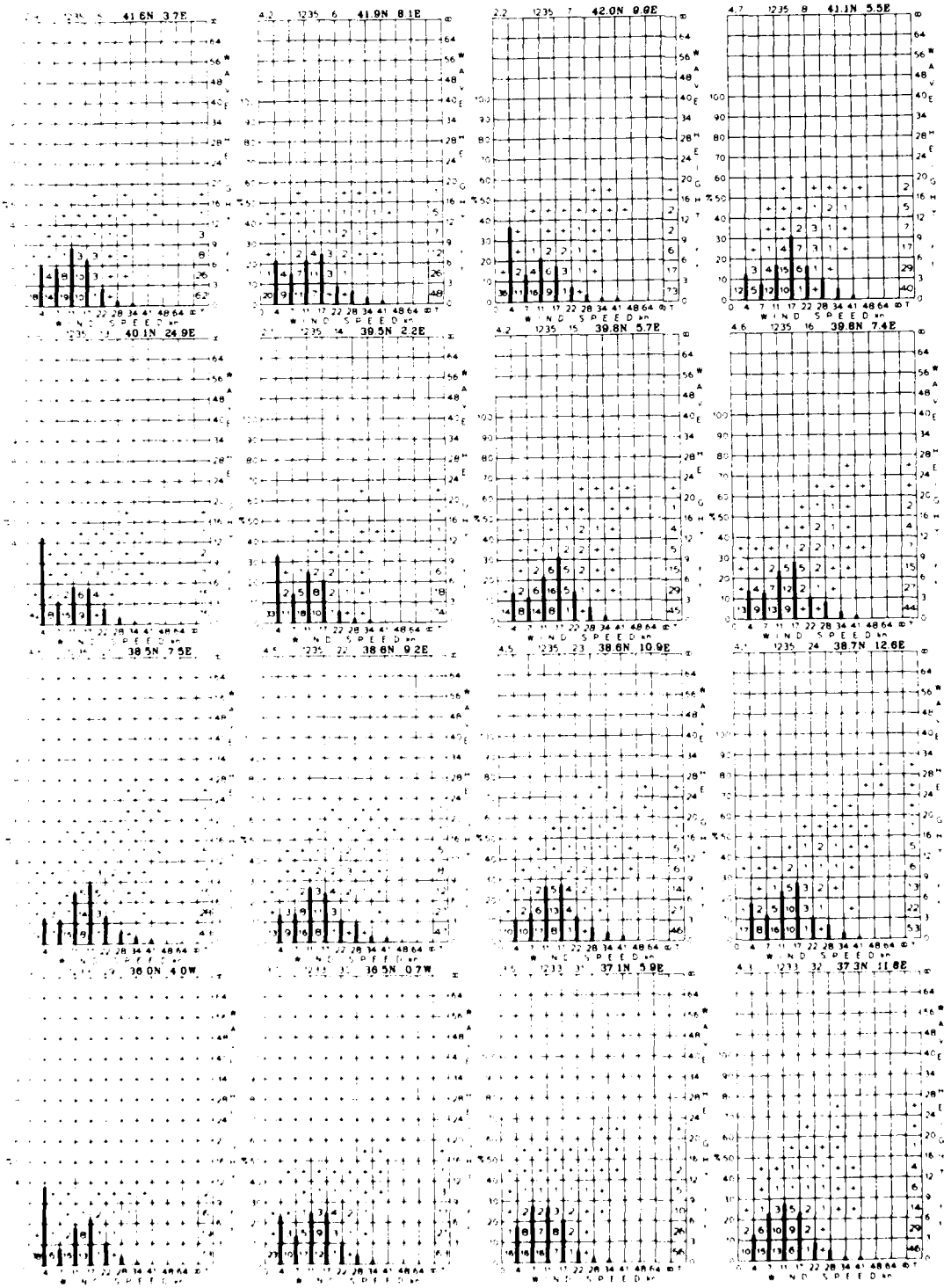

35.6N 2.2W
36.5N 10.3E
36.3N 22.6E
36.2N 24.3E
36.0N 25.9E
35.9N 16.8E
35.2N 26.6E
35.0N 28.3E
35.2N 19.2E
35.1N 20.8E
33.7N 28.0E
33.3N 31.1E
34.0N 12.7E
34.0N 15.9E
33.6N 22.3E
32.2N 29.3E
31.7N 32.4E
32.6N 15.9E
31.2N 18.9E
WIND SPEED km

MARCH

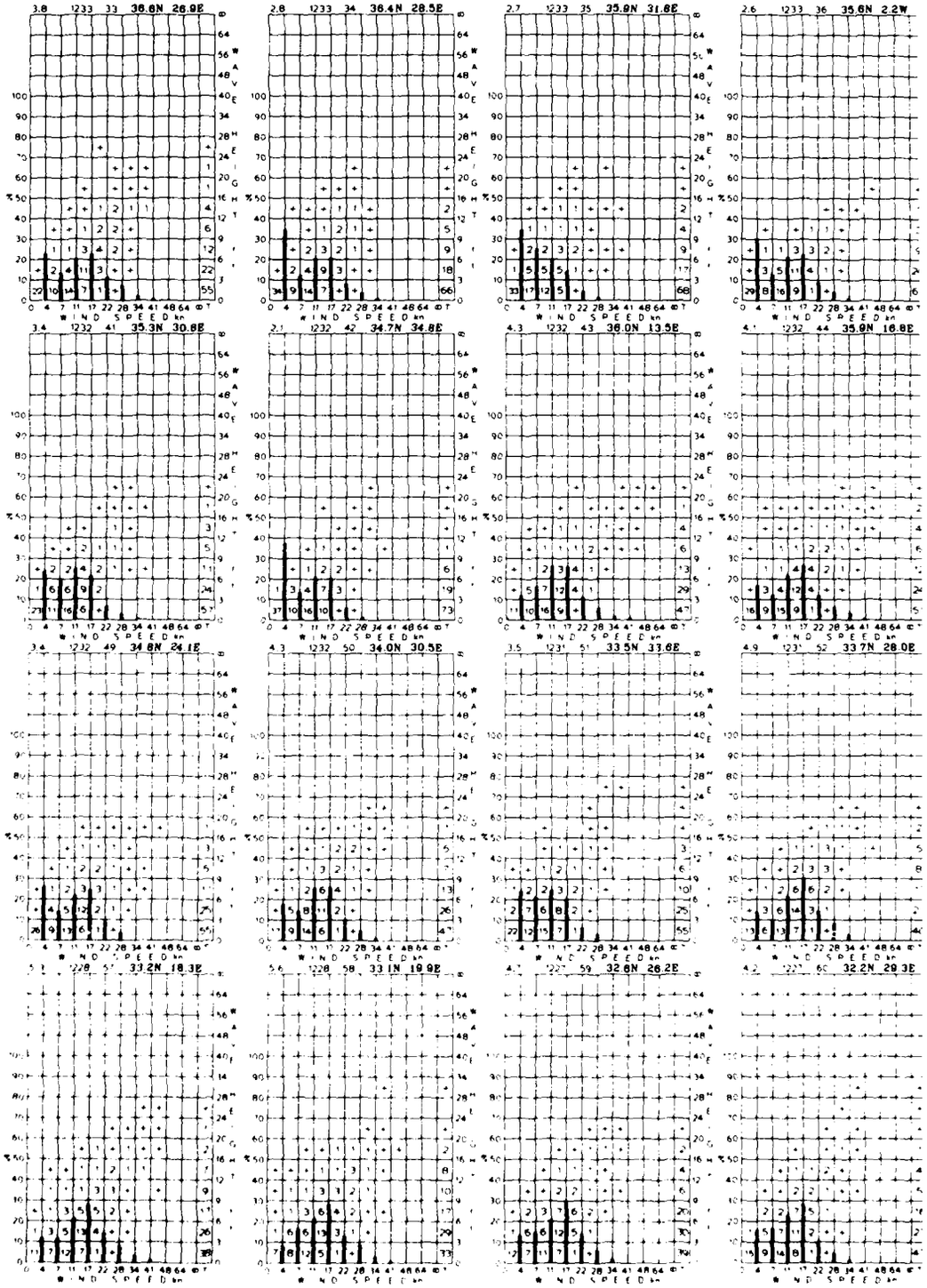
WAVE HEIG



WAVE HEIGHT AND WIND SPEED

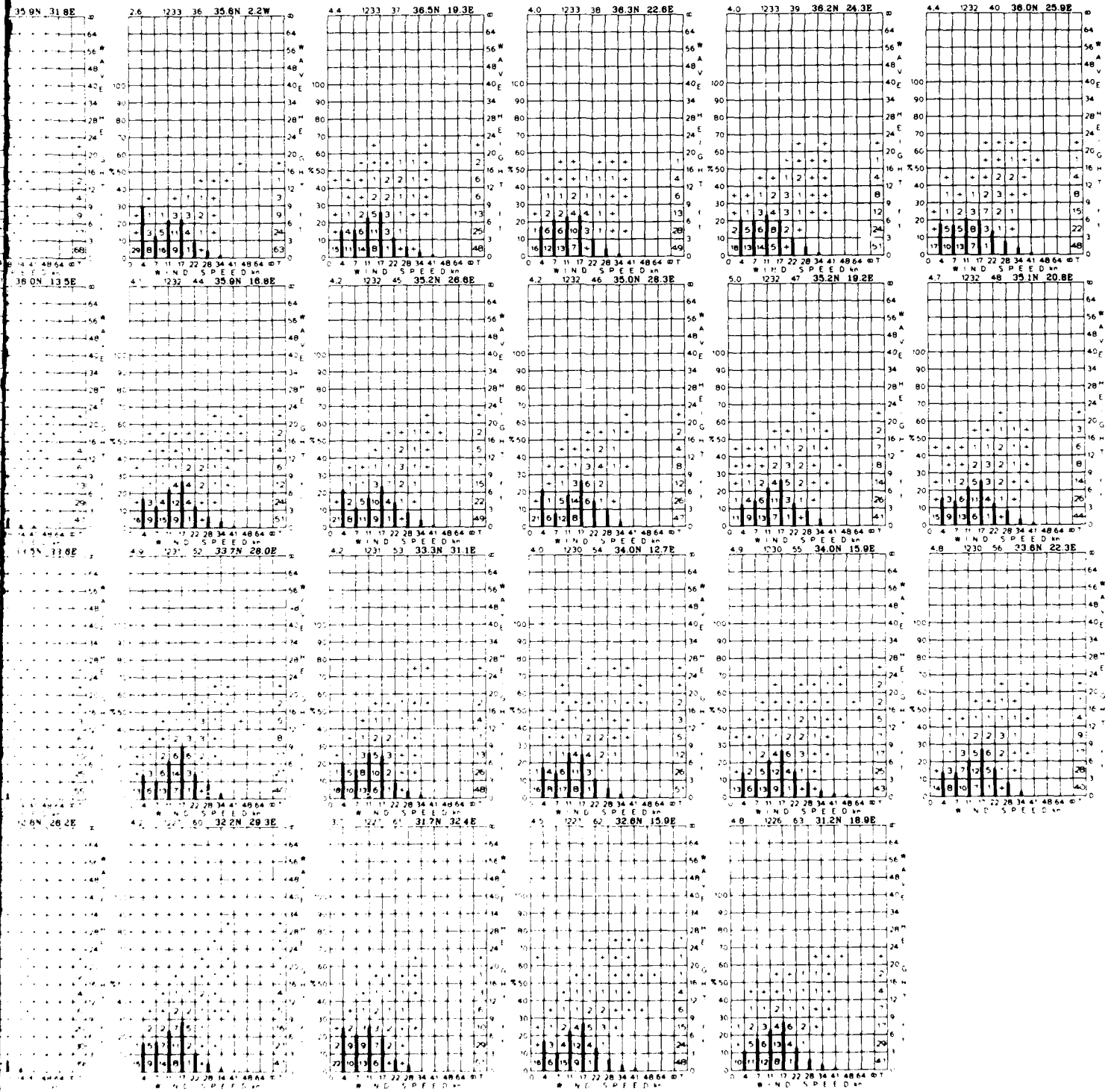


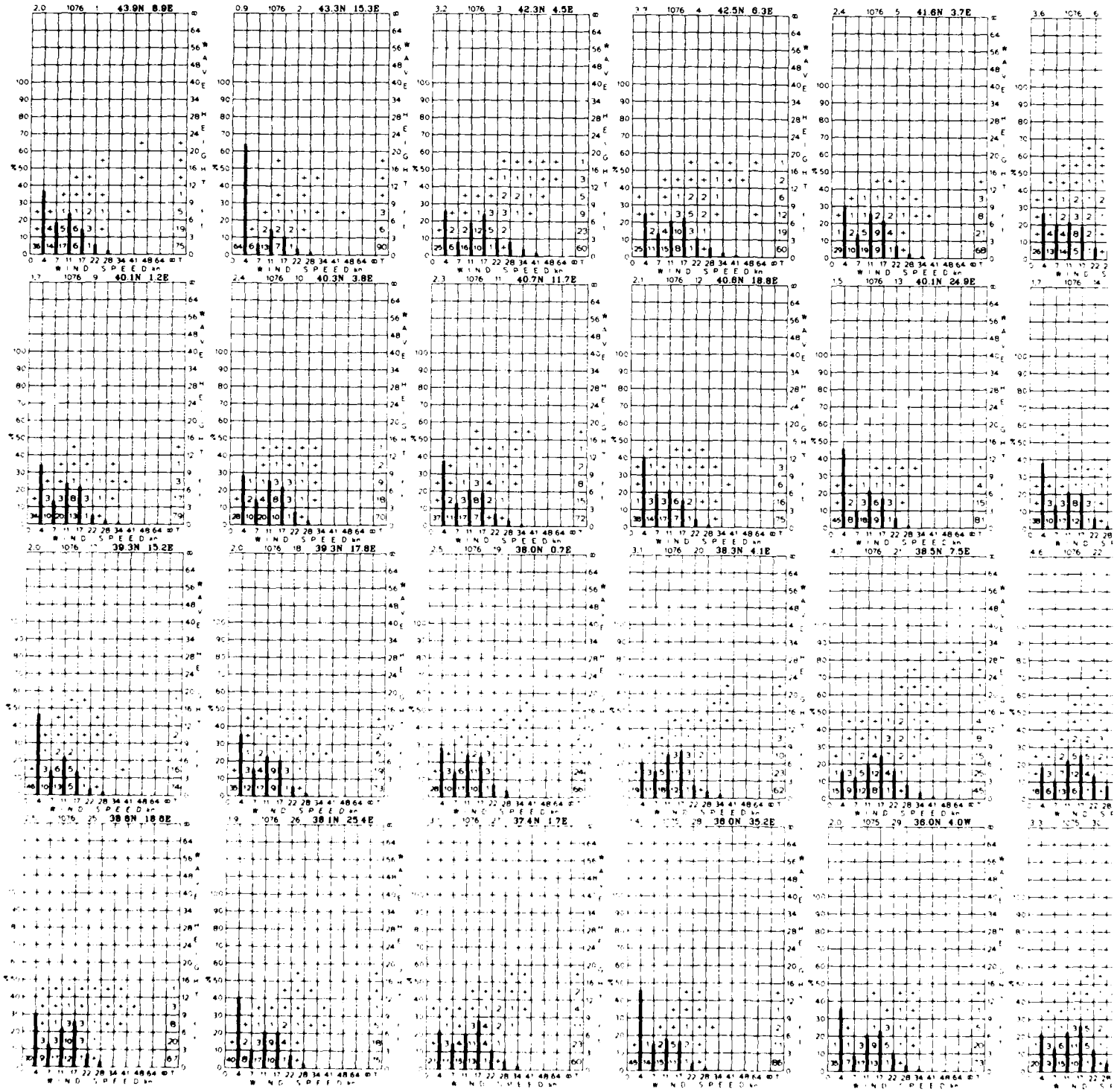
WAVE HEIGHT AND WIND SPEED (Cont'd)



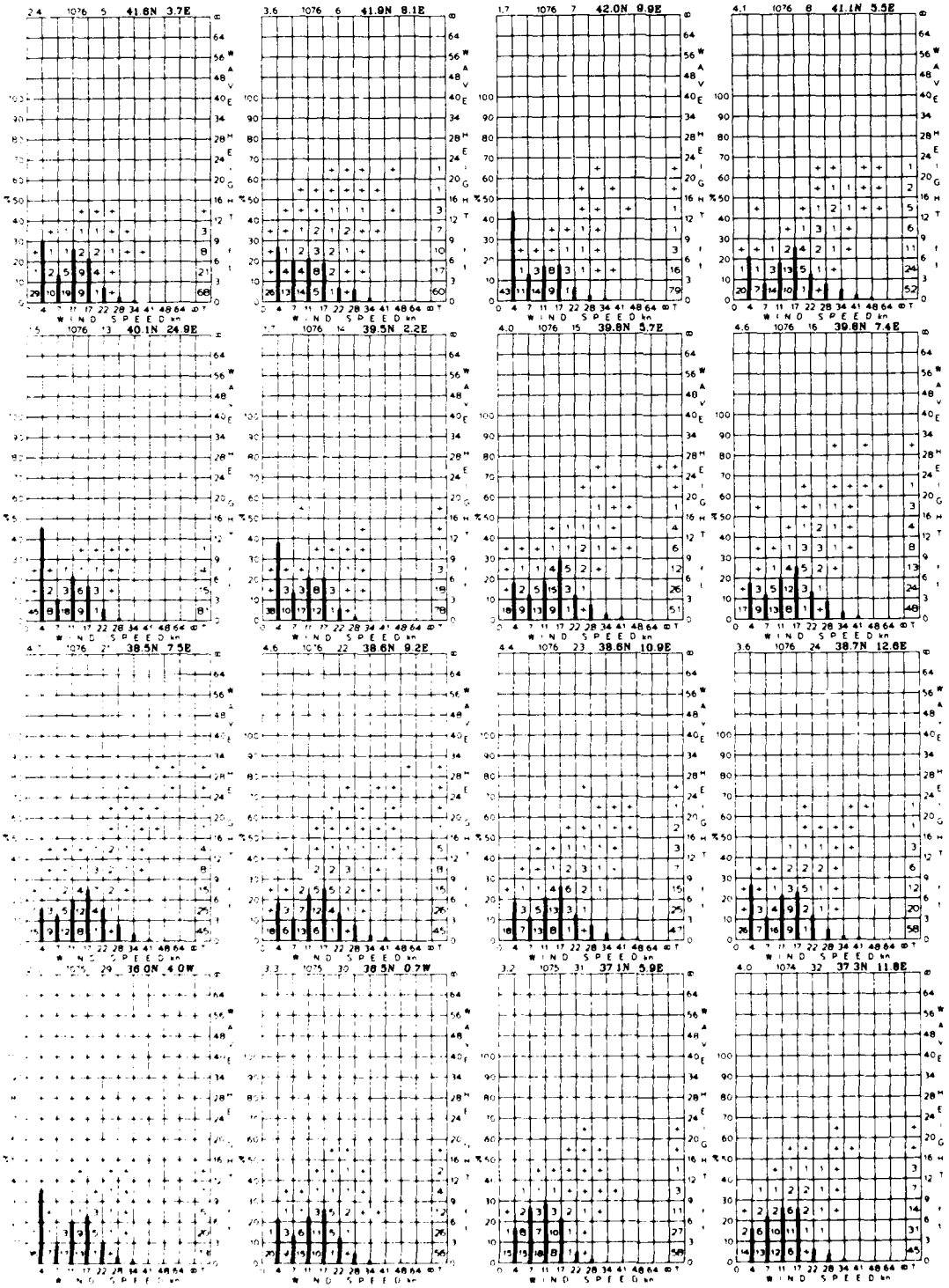
SPEED (Cont'd)

MARCH



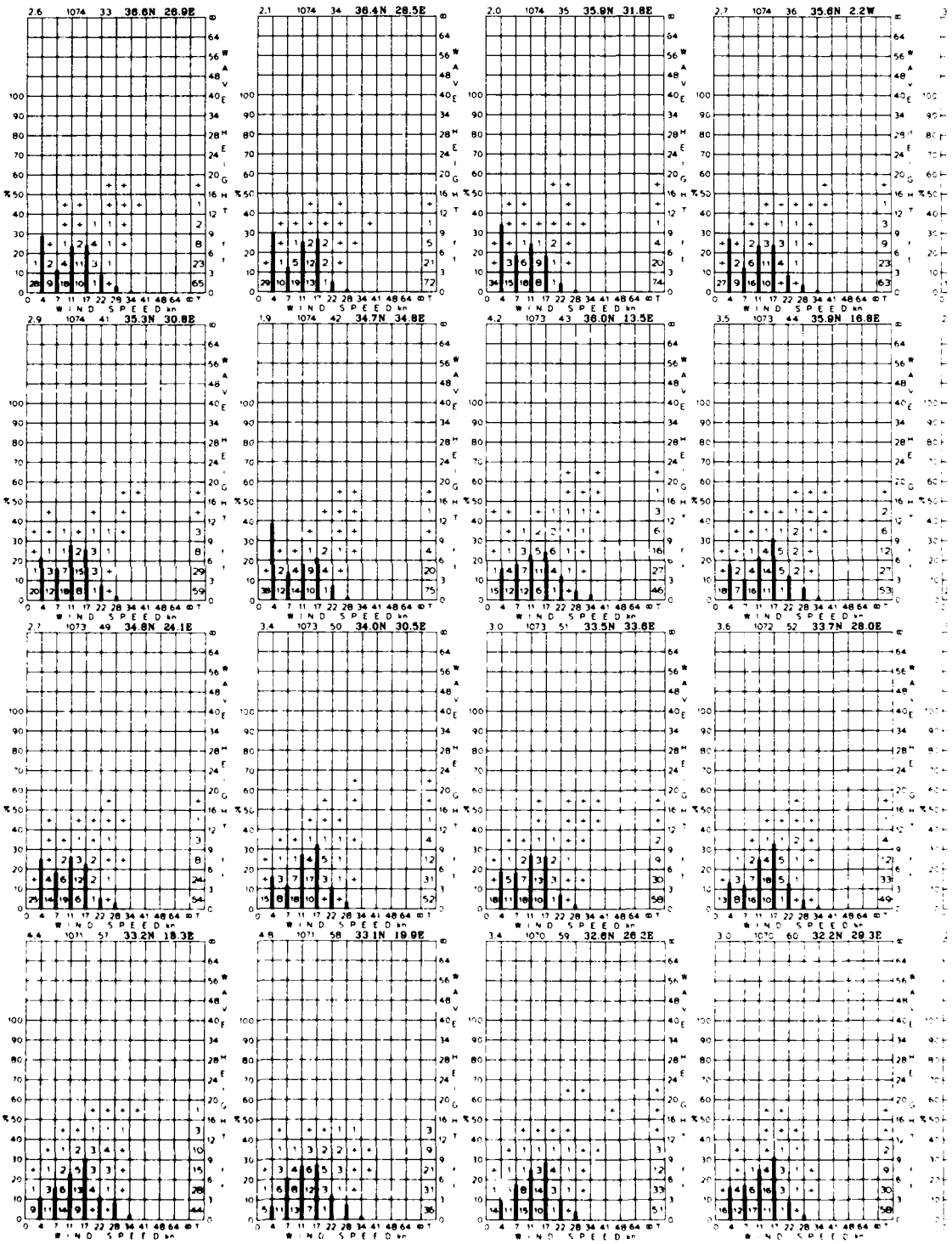

2.0 1076 1 43.9N 8.9E
0.9 1076 2 43.3N 15.3E
3.2 1076 3 42.3N 4.5E
3.7 1076 4 42.5N 6.3E
2.4 1076 5 41.6N 3.7E
1.7 1076 9 40.1N 1.2E
2.4 1076 10 40.3N 3.8E
2.3 1076 11 40.7N 11.7E
2.1 1076 12 40.6N 18.8E
1.5 1076 13 40.1N 24.9E
2.0 1076 17 39.3N 15.2E
2.0 1076 18 39.3N 17.8E
2.5 1076 19 38.0N 0.7E
3.1 1076 20 38.3N 4.1E
4.7 1076 21 38.5N 7.5E
1.9 1076 26 38.1N 25.4E
1.4 1076 27 37.4N 1.7E
1.4 1076 28 38.0N 35.2E
2.0 1076 29 36.0N 4.0W
WIND SPEED km
WAVE HEIGHT m

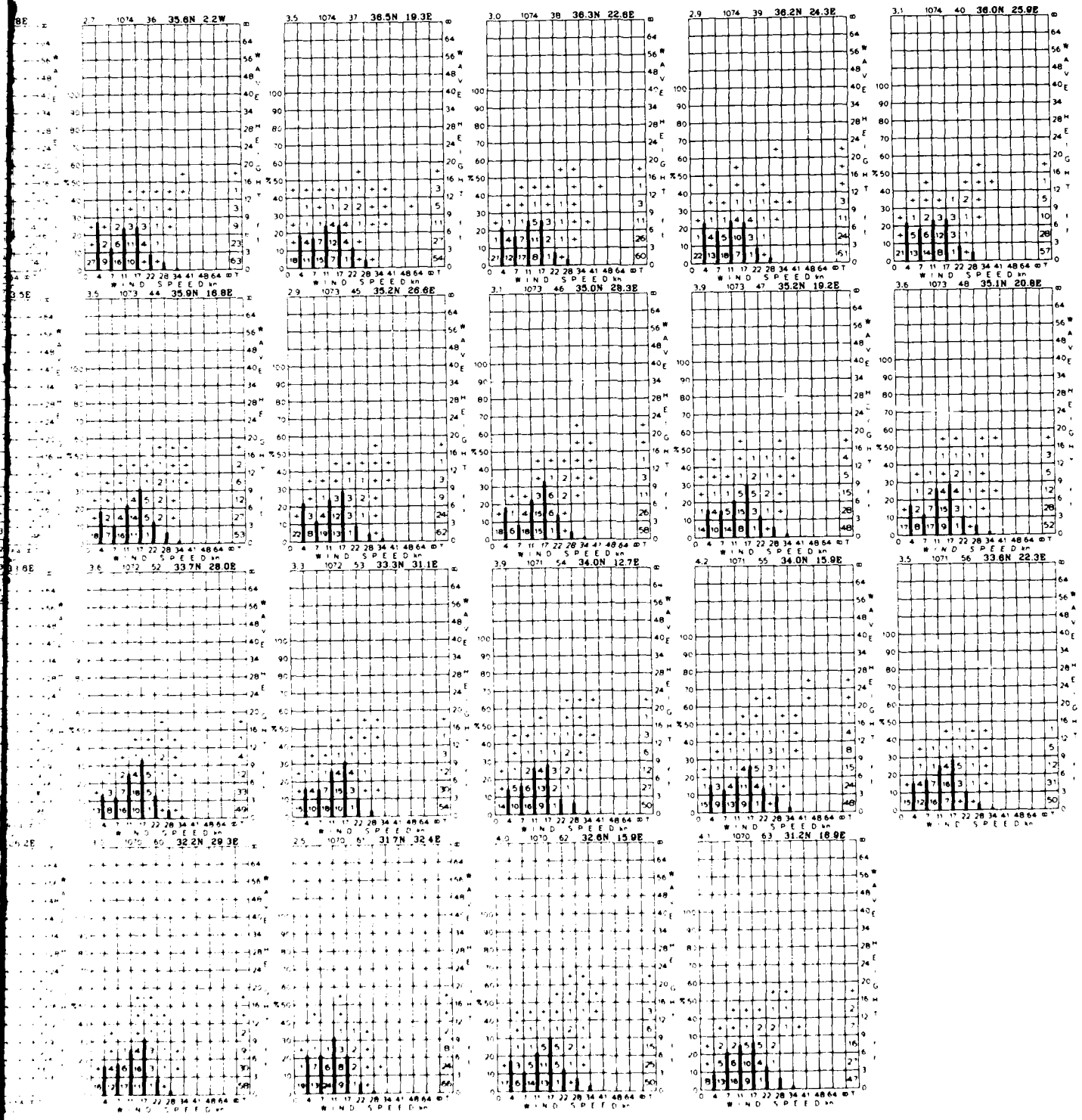
WAVE HEIGHT AND WIND SPEED



72 B

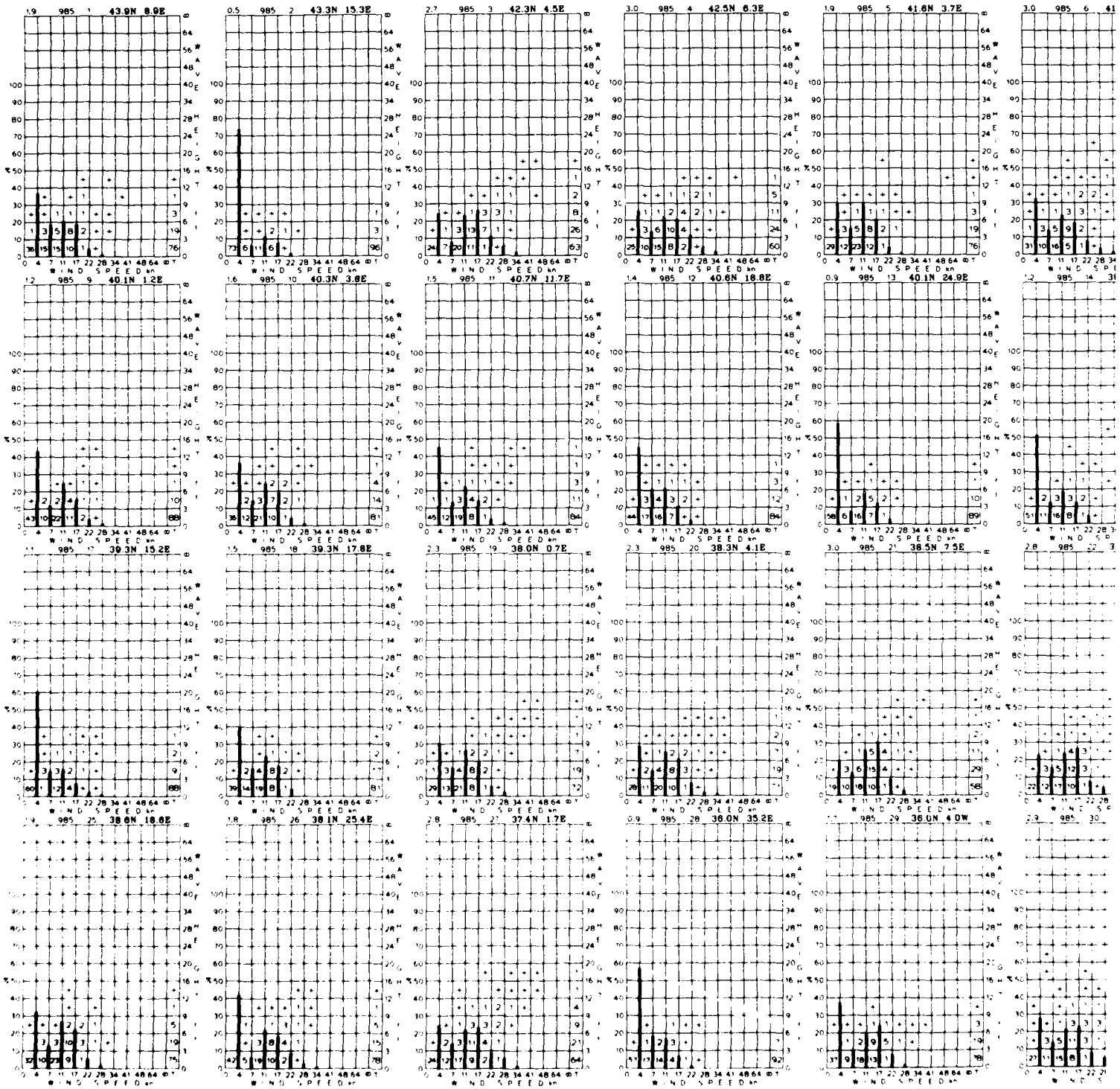
WAVE HEIGHT AND WIND SPEED (Cont'd)



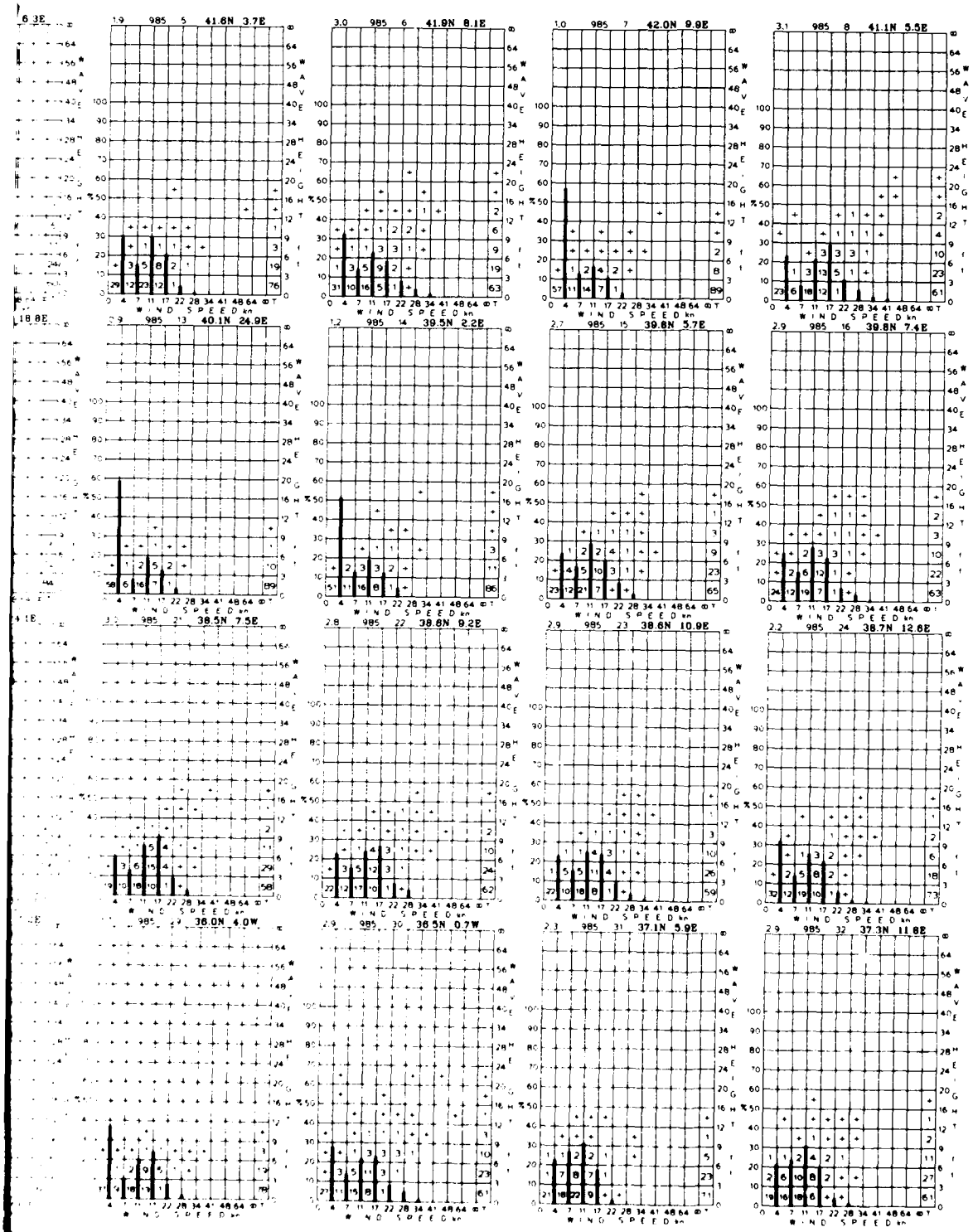

2.7 1074 36 35.6N 2.2W
3.5 1074 37 36.5N 19.3E
3.0 1074 38 36.3N 22.6E
2.9 1074 39 36.2N 24.3E
3.1 1074 40 36.0N 25.9E
3.5 1073 44 35.9N 16.8E
2.9 1073 45 35.2N 26.6E
3.1 1073 46 35.0N 28.3E
3.9 1073 47 35.2N 19.2E
3.6 1073 48 35.1N 20.8E
3.6 1072 52 33.7N 28.0E
3.3 1072 53 33.3N 31.1E
3.9 1071 54 34.0N 12.7E
4.2 1071 55 34.0N 15.9E
3.5 1071 56 33.6N 22.3E
1070 60 32.2N 29.3E
2.5 1070 61 31.7N 32.4E
4.0 1070 62 32.6N 15.9E
4.1 1070 63 31.2N 18.9E
WIND SPEED km

MAY

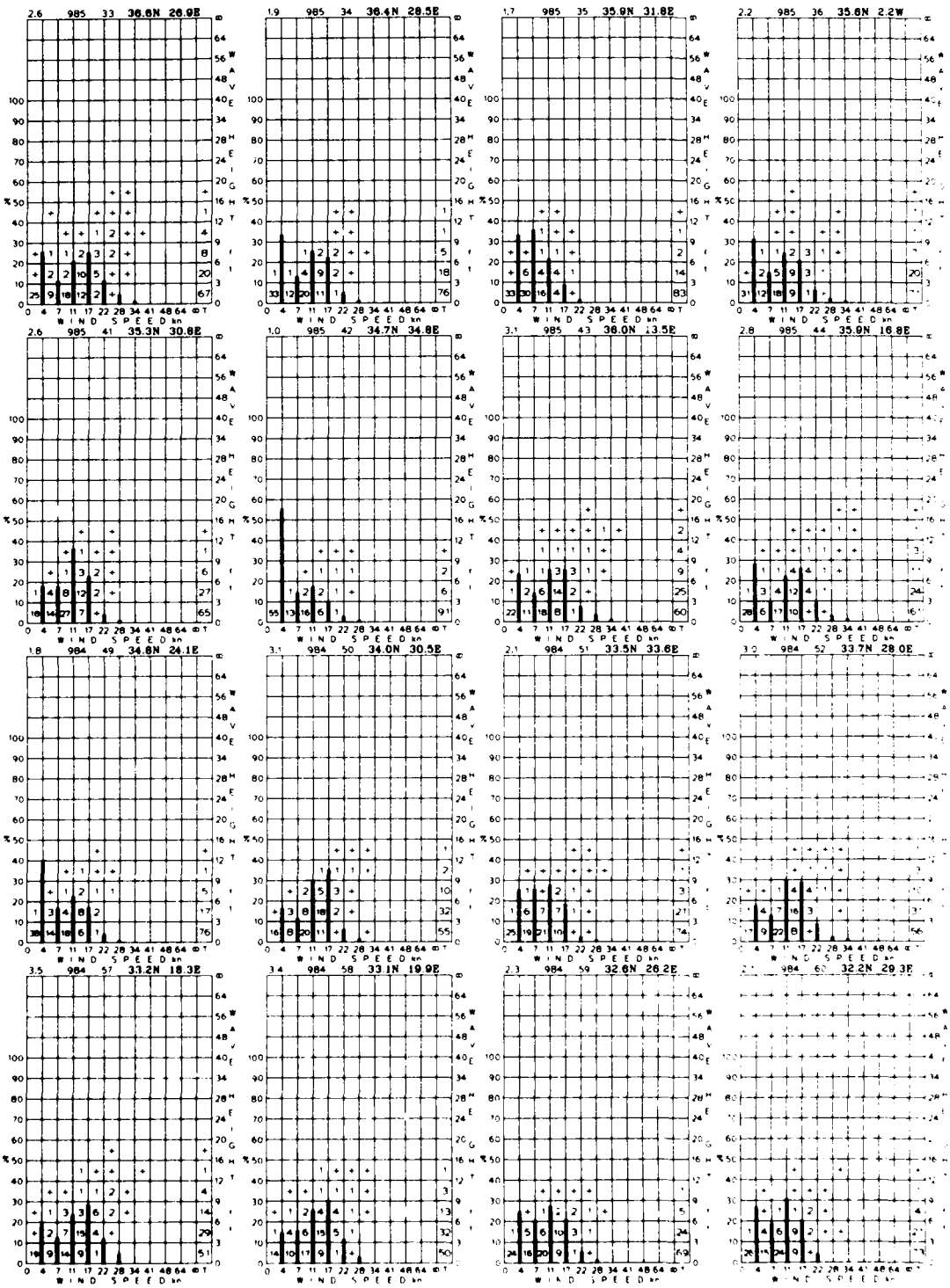
WAVE HE

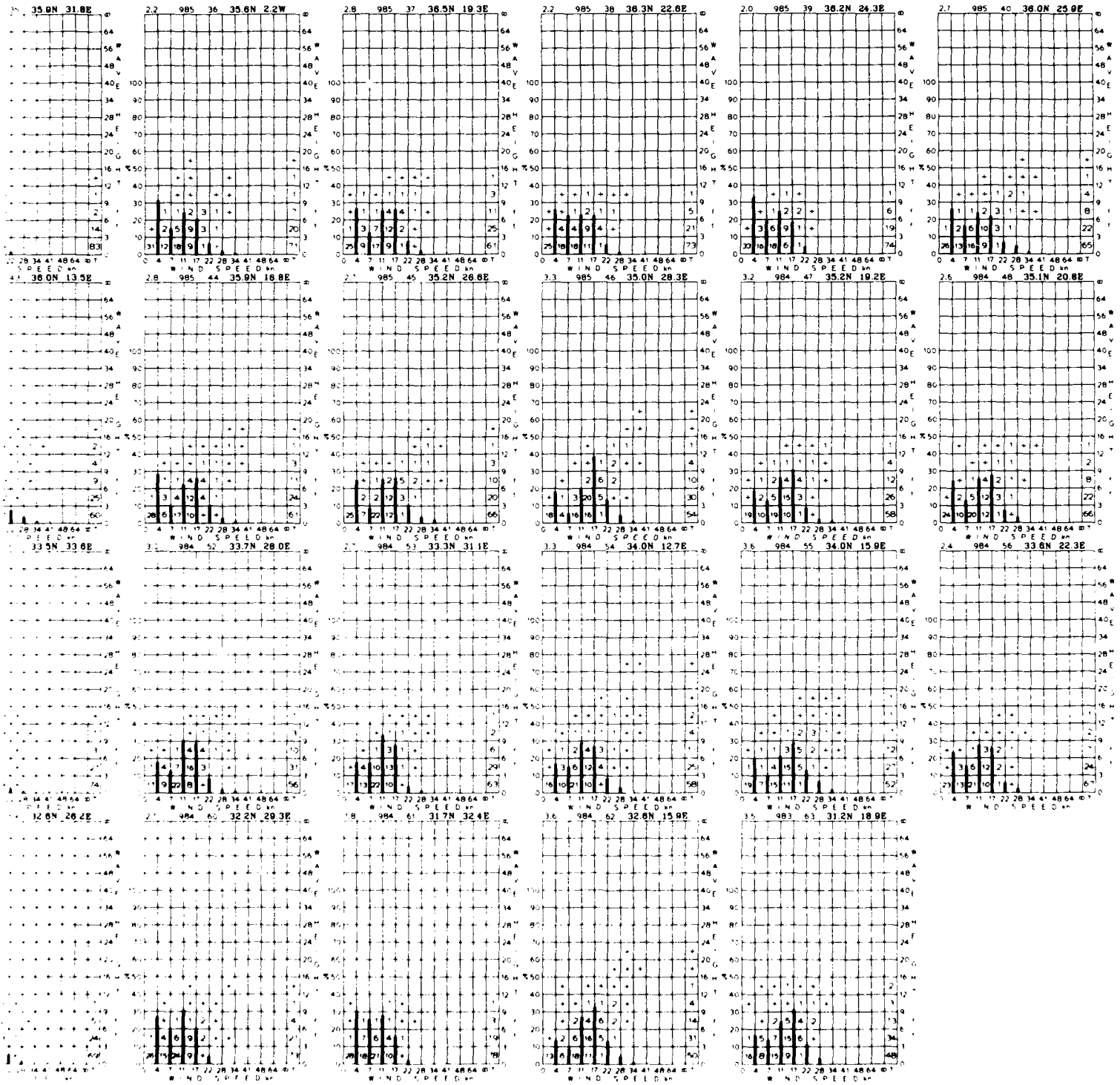

1.9 985 1 43.9N 8.9E
0.5 985 2 43.3N 15.3E
2.7 985 3 42.3N 4.5E
3.0 985 4 42.5N 6.3E
1.9 985 5 41.6N 3.7E
1.2 985 9 40.1N 1.2E
1.6 985 10 40.3N 3.8E
1.5 985 11 40.7N 11.7E
1.4 985 12 40.6N 18.8E
0.9 985 13 40.1N 24.9E
1.1 985 17 39.3N 15.2E
1.5 985 18 39.3N 17.8E
2.3 985 19 38.0N 0.7E
2.3 985 20 38.3N 4.1E
3.0 985 21 38.5N 7.5E
1.8 985 26 38.1N 25.4E
2.8 985 27 37.4N 1.7E
0.9 985 28 36.0N 35.2E
1.7 985 29 36.0N 4.0W
WIND SPEED kn
WAVE HEIGHT %

WAVE HEIGHT AND WIND SPEED



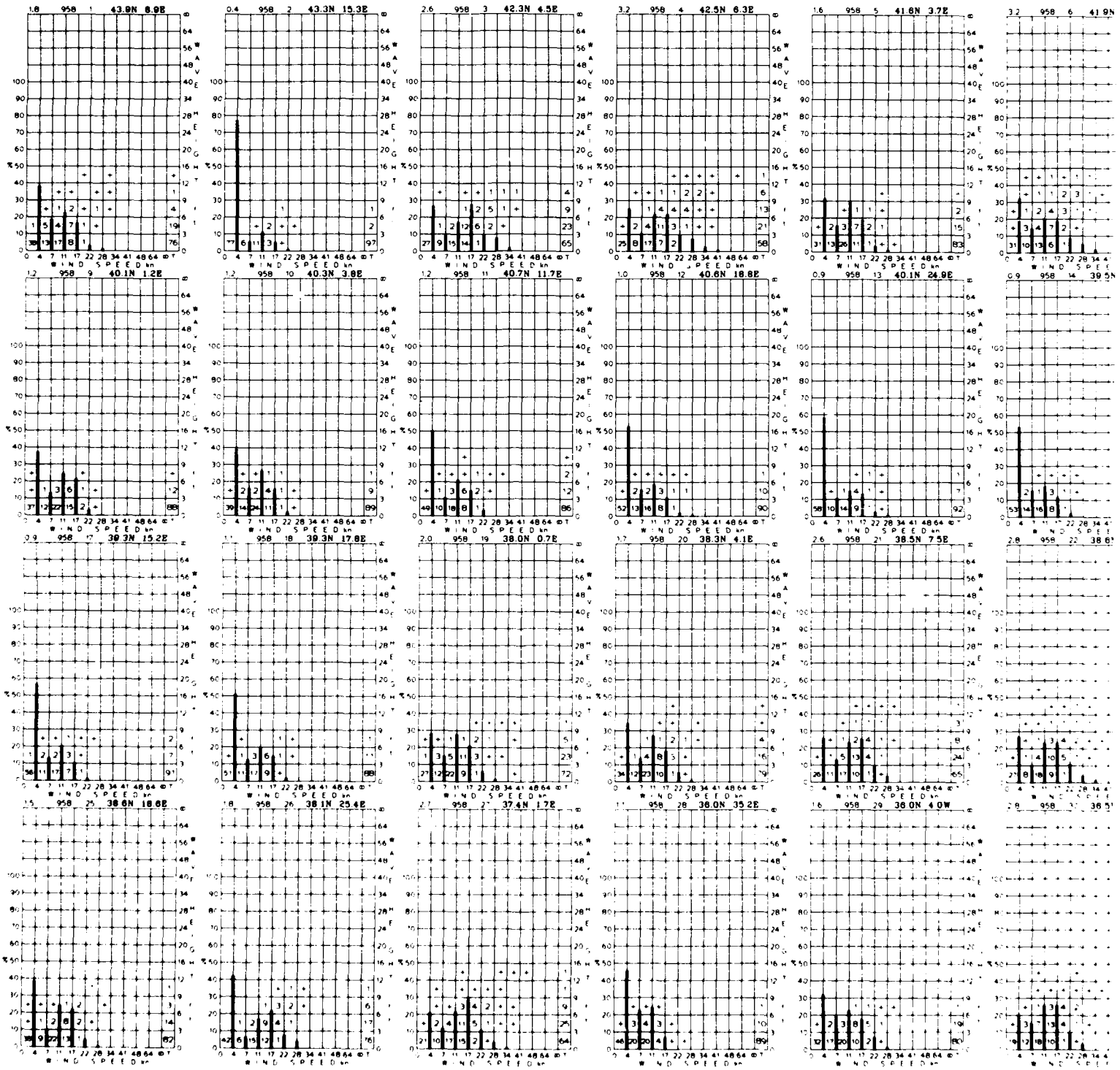
WAVE HEIGHT AND WIND SPEED (Cont'd)



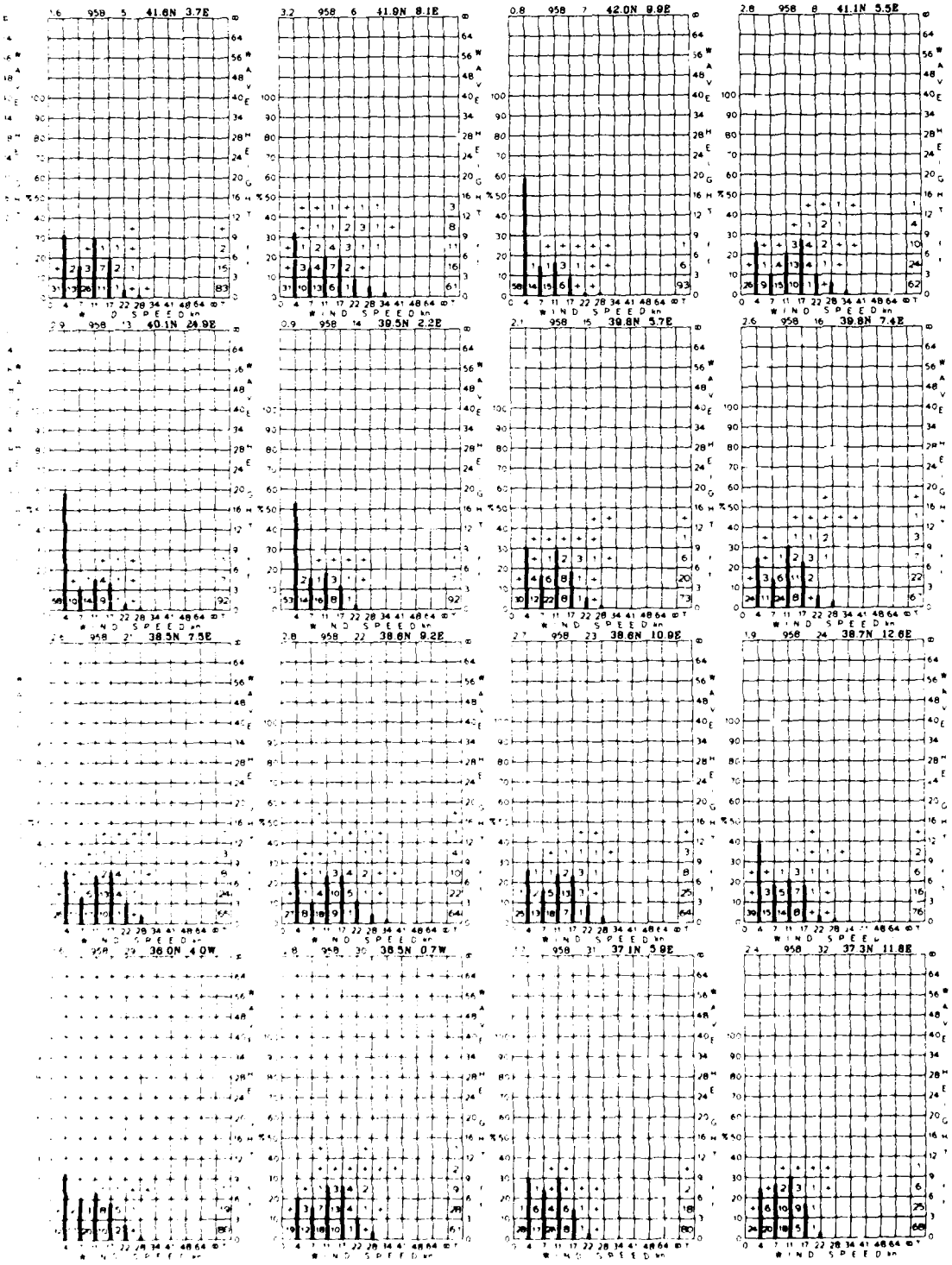

35.9N 31.8E
2.2 985 36 35.6N 2.2W
2.8 985 37 36.5N 19.3E
2.2 985 38 36.3N 22.6E
2.0 985 39 36.2N 24.3E
2.7 985 40 36.0N 25.9E
36.0N 13.5E
2.8 985 44 35.9N 16.8E
2.7 985 45 35.2N 26.6E
3.3 985 46 35.0N 28.3E
3.2 984 47 35.2N 19.2E
2.6 984 48 35.1N 20.6E
33.5N 33.6E
3.2 984 52 33.7N 28.0E
2.7 984 53 33.3N 31.1E
3.3 984 54 34.0N 12.7E
3.6 984 55 34.0N 15.9E
2.4 984 56 33.6N 22.3E
12.6N 26.2E
2.7 984 60 32.2N 29.3E
1.8 984 61 31.7N 32.4E
3.6 984 62 32.6N 15.9E
3.5 983 63 31.2N 18.9E
WIND SPEED km

JUNE

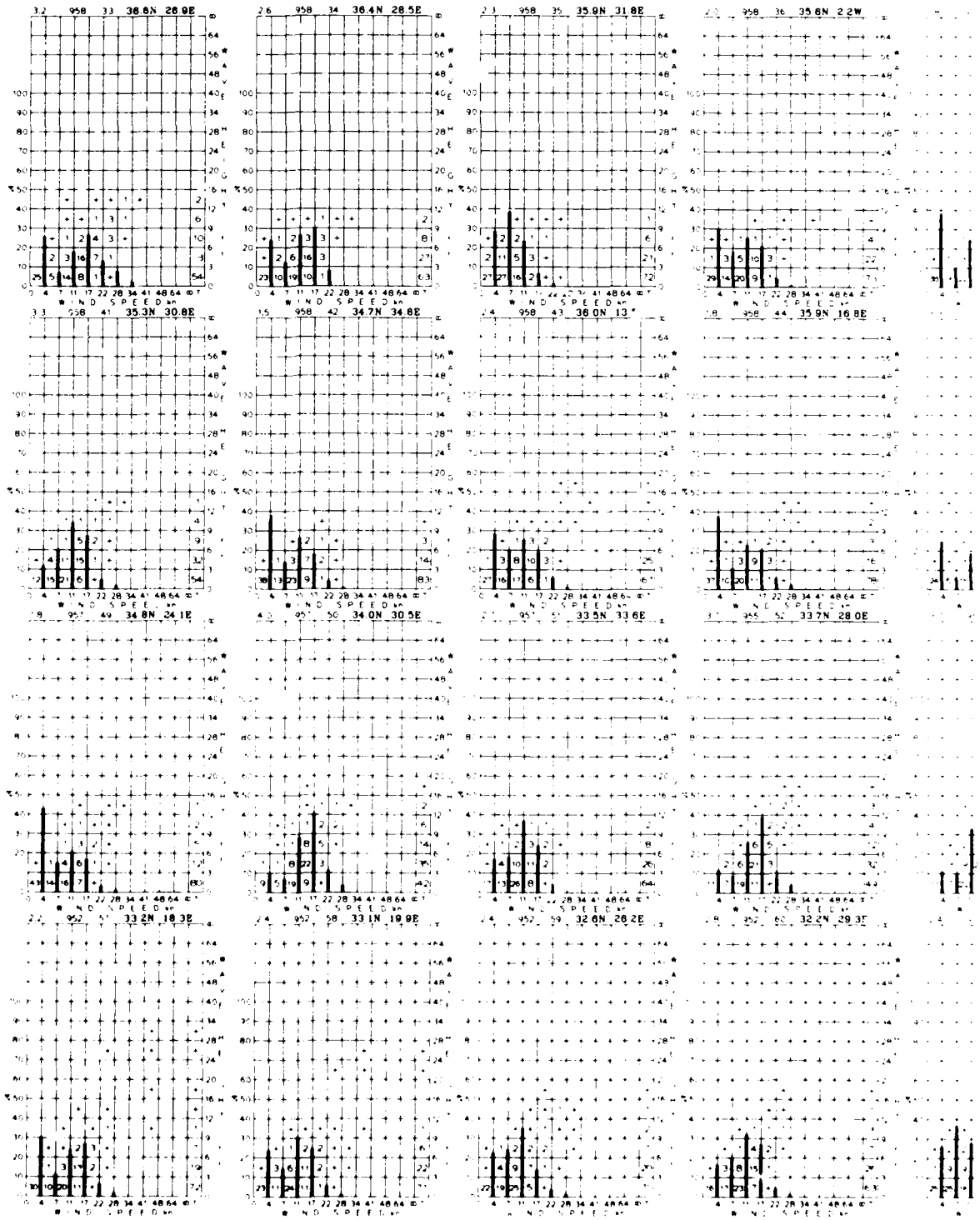
WAVE HEI

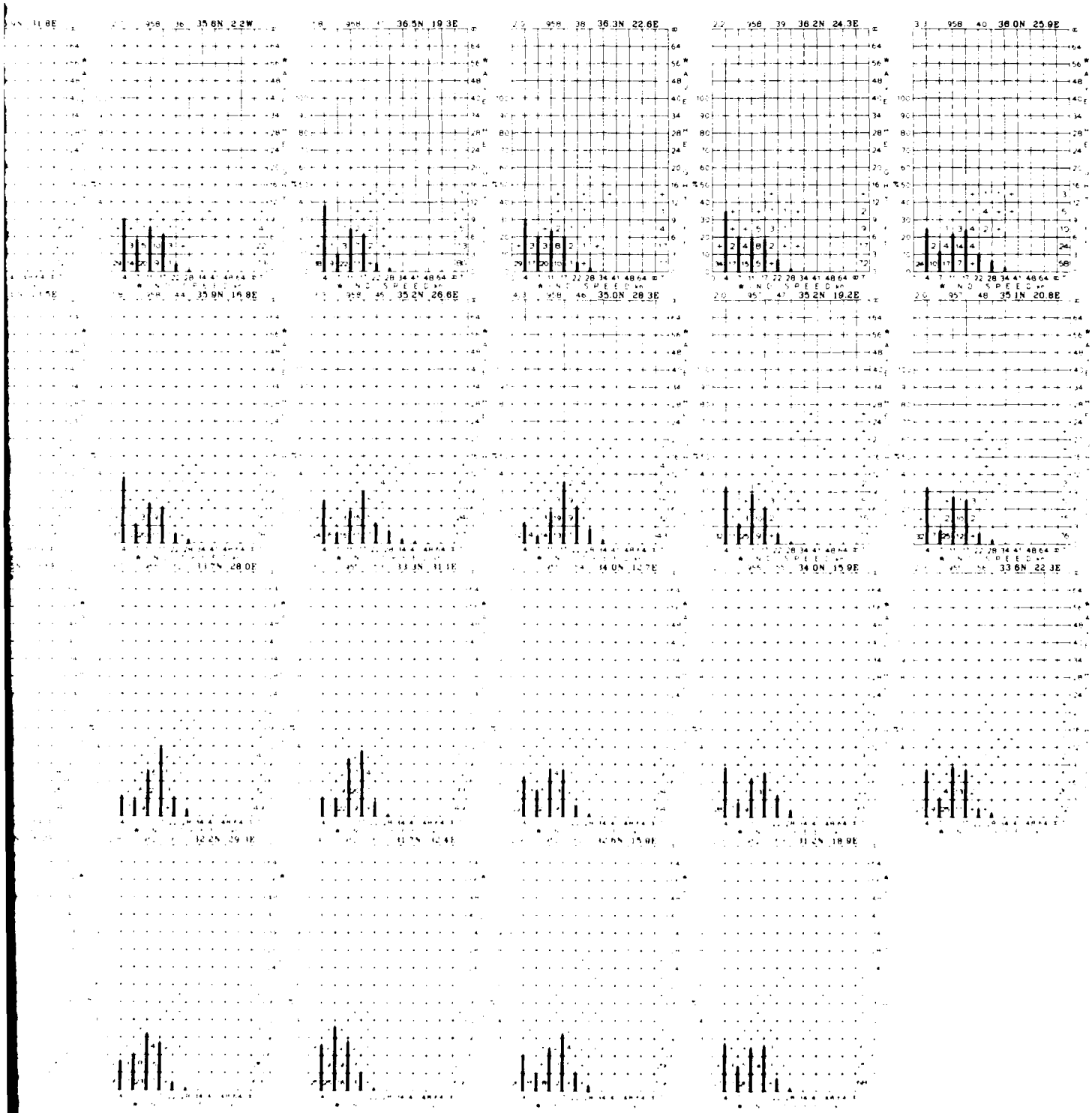


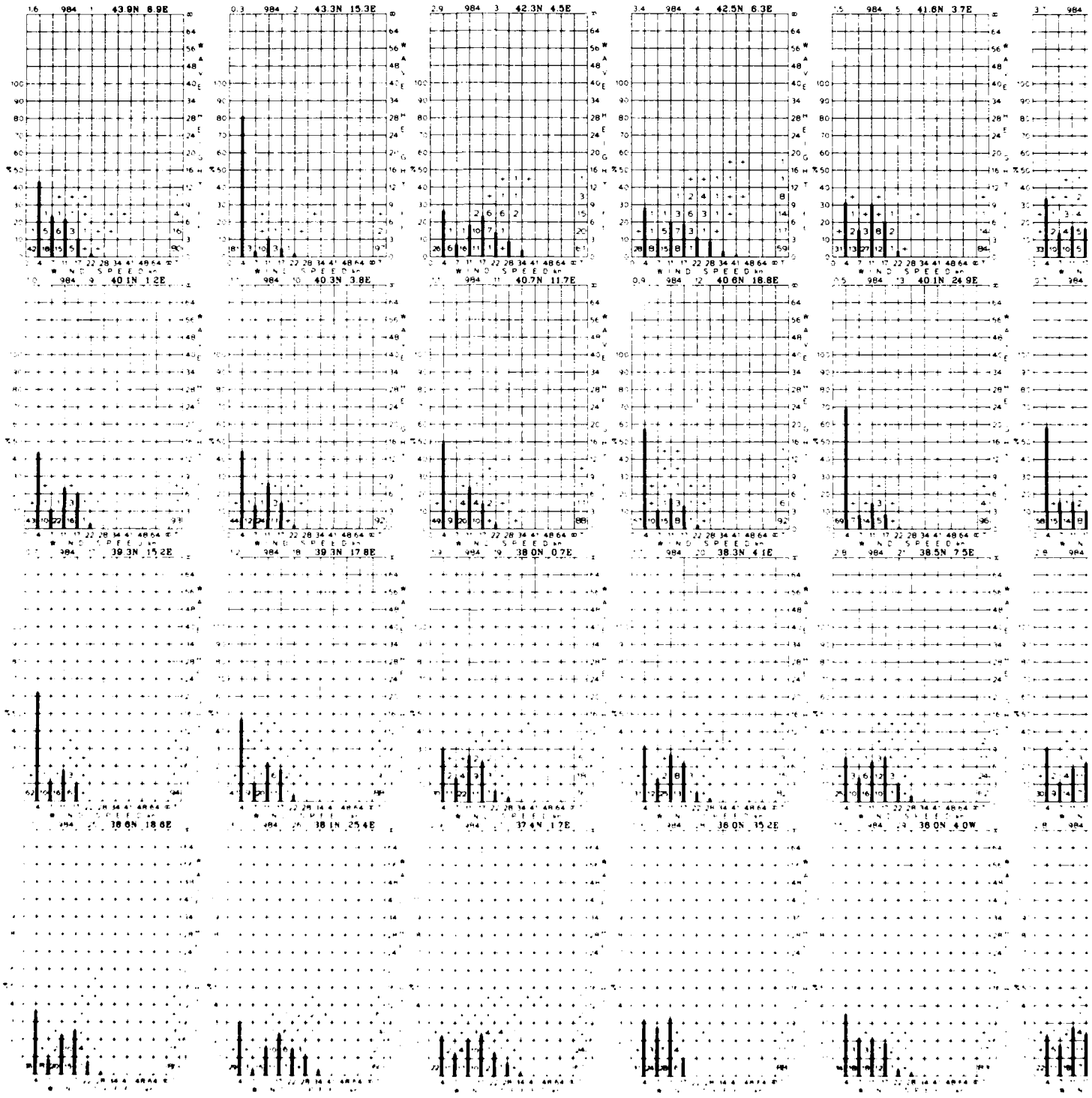
WAVE HEIGHT AND WIND SPEED



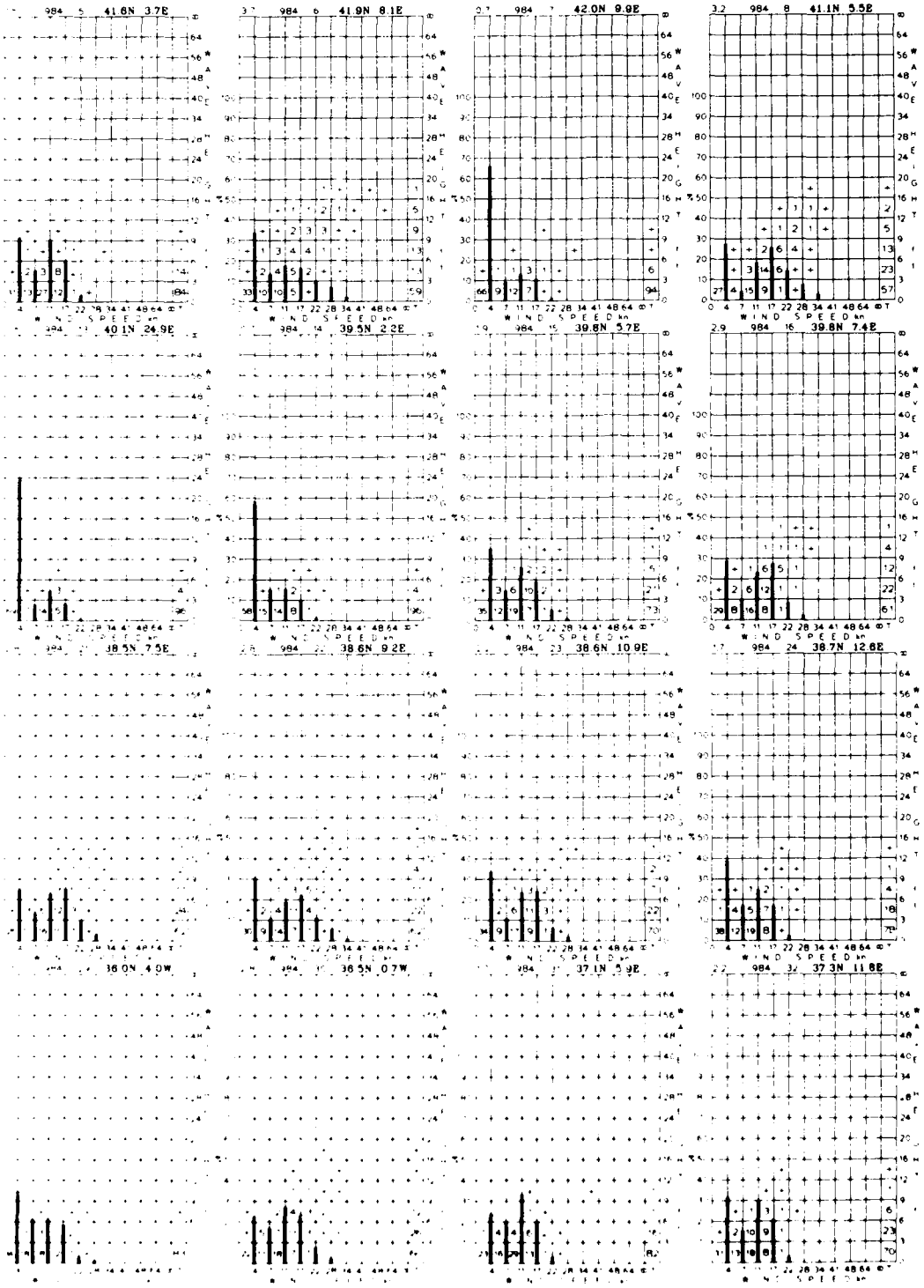
WAVE HEIGHT AND WIND SPEED (Cont'd)



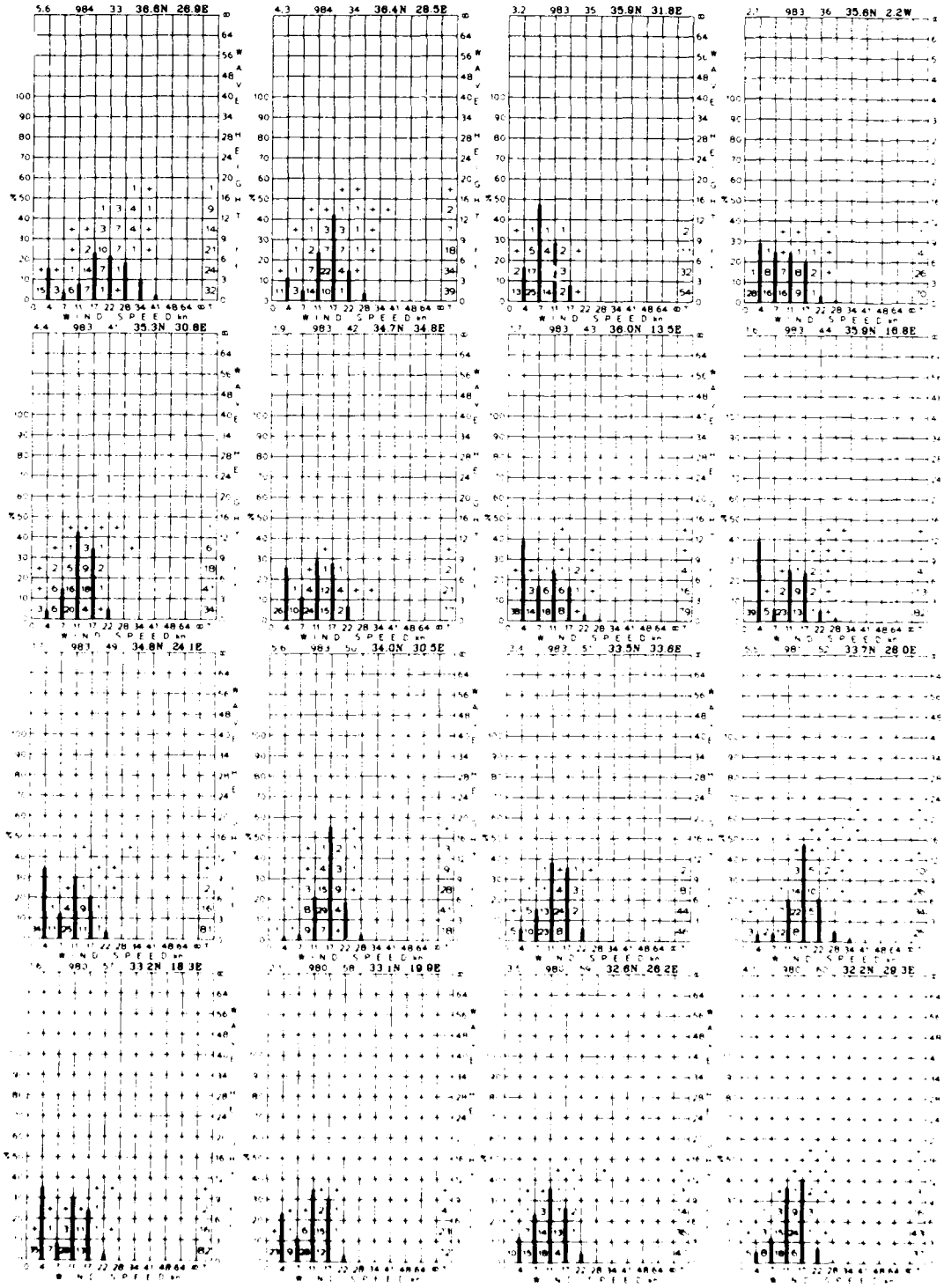


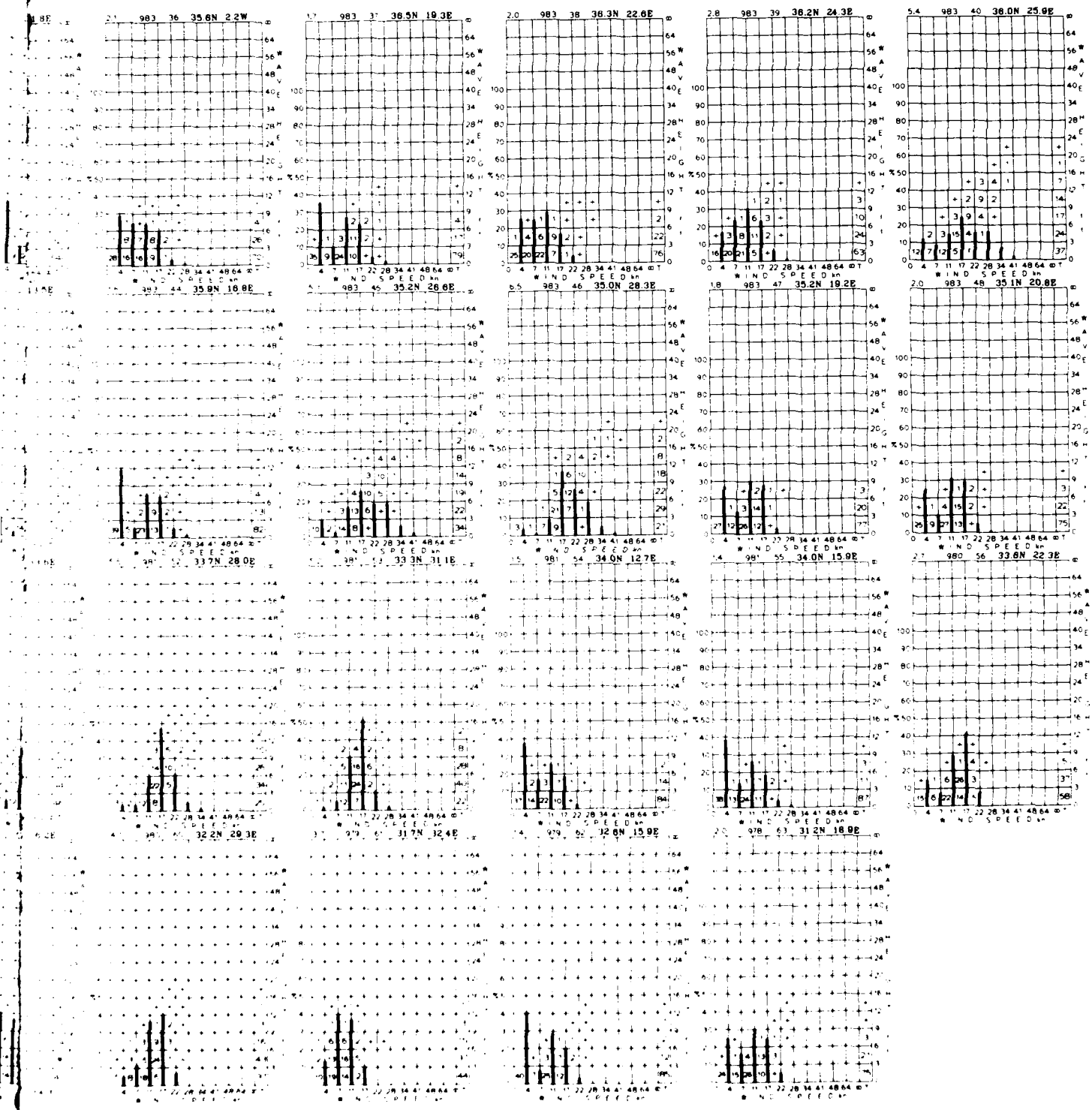

43.9N 6.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
41.6N 3.7E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
40.6N 18.8E
40.1N 24.9E
39.3N 15.2E
39.3N 17.8E
38.0N 0.7E
38.3N 4.1E
38.5N 7.5E
38.6N 18.6E
38.1N 25.4E
37.4N 1.7E
38.0N 15.2E
38.0N 4.0W
WIND SPEED kn

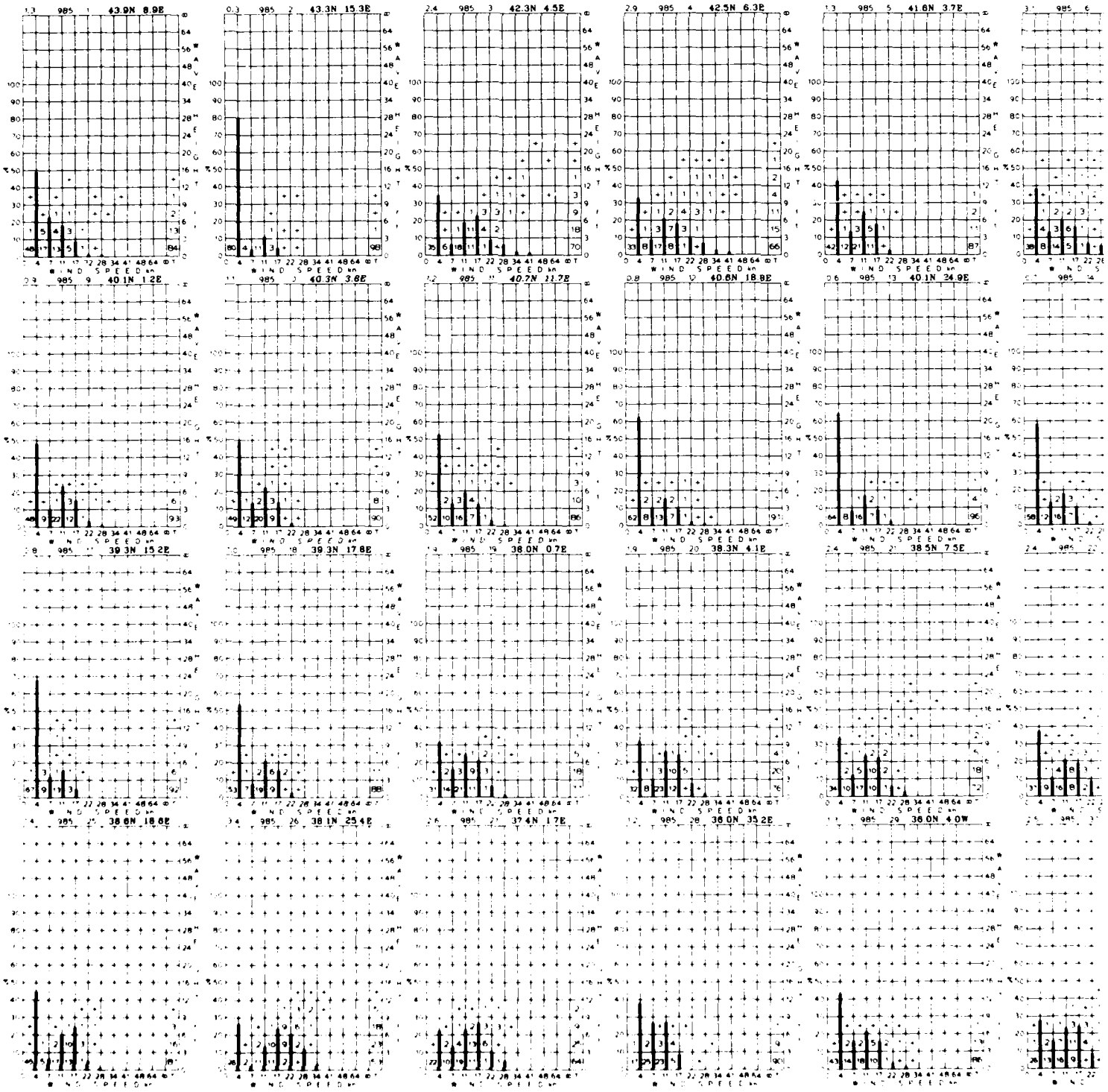
WAVE HEIGHT AND WIND SPEED



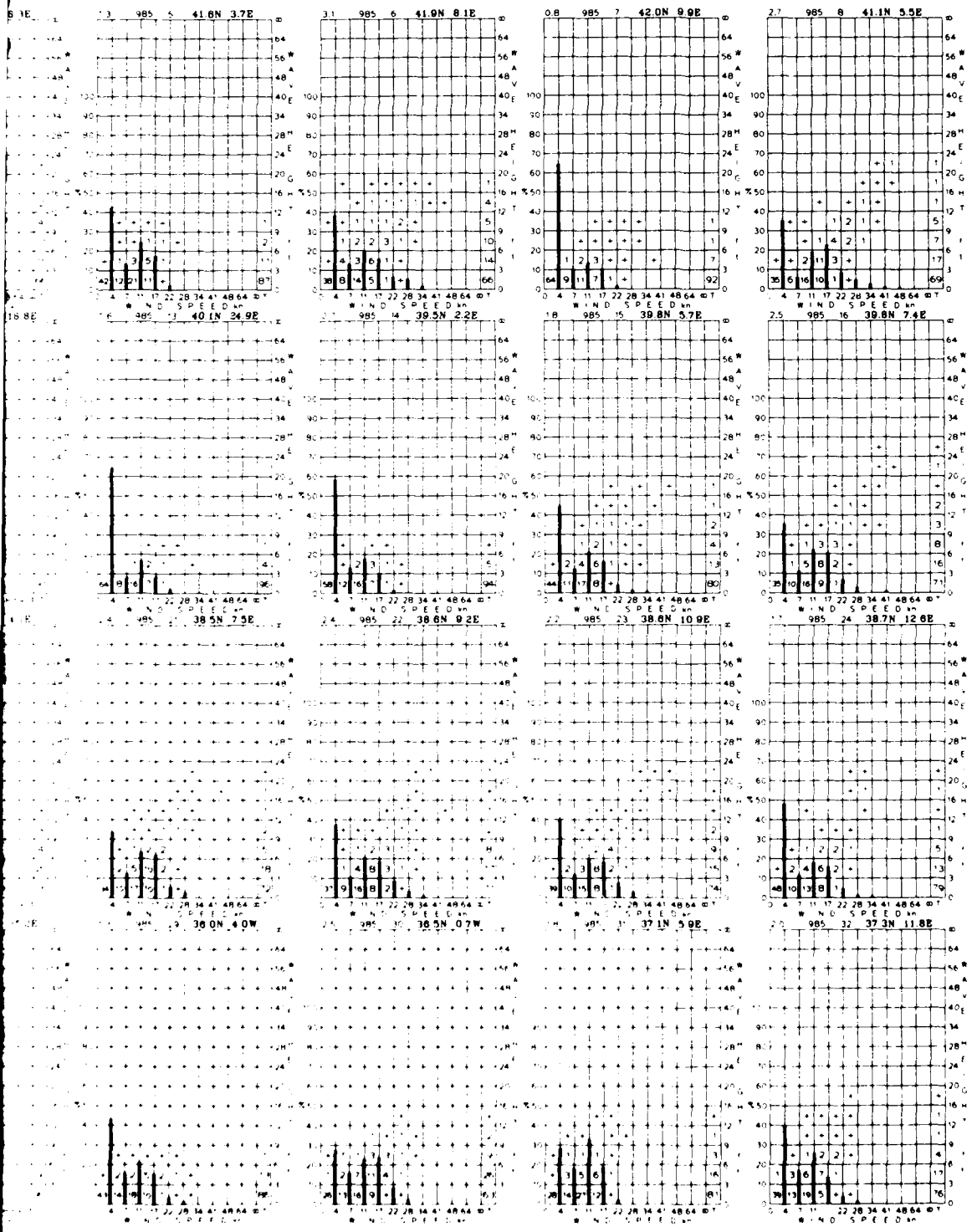
WAVE HEIGHT AND WIND SPEED (Cont'd)



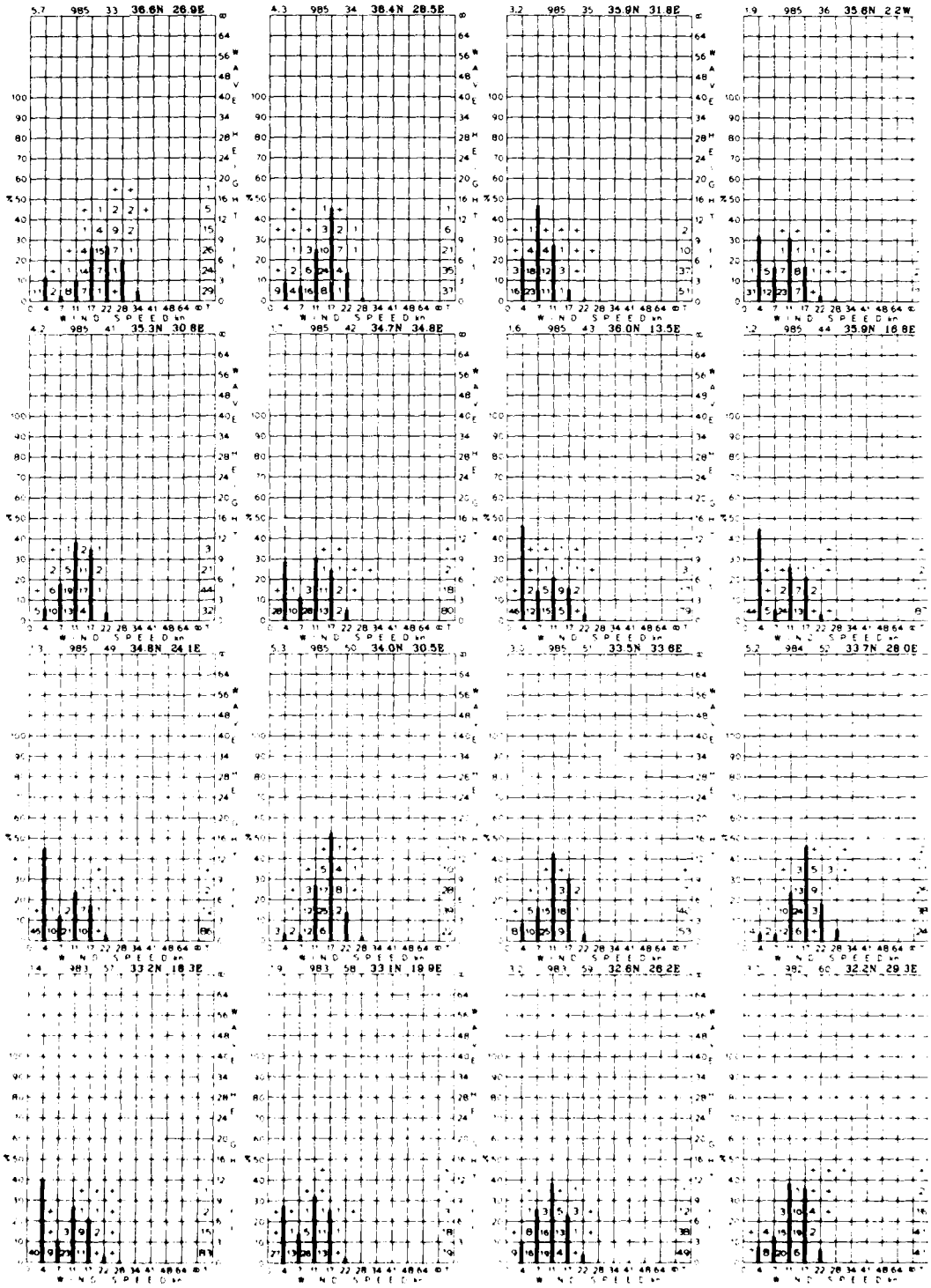

983 36 35.6N 2.2W
983 37 36.5N 19.3E
983 38 36.3N 22.6E
983 39 36.2N 24.3E
983 40 36.0N 25.9E
983 44 35.9N 16.8E
983 45 35.2N 26.6E
983 46 35.0N 28.3E
983 47 35.2N 19.2E
983 48 35.1N 20.8E
33.7N 28.0E
33.3N 31.1E
34.0N 12.7E
34.0N 15.9E
33.6N 22.3E
32.2N 29.3E
31.7N 32.4E
32.6N 15.9E
31.2N 18.9E
WIND SPEED kn


43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
41.6N 3.7E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
40.6N 18.8E
40.1N 24.9E
39.3N 15.2E
39.3N 17.8E
38.0N 0.7E
38.3N 4.1E
38.5N 7.5E
38.6N 18.6E
38.1N 25.4E
37.4N 1.7E
36.0N 35.2E
36.0N 4.0W
WIND SPEED kn

WAVE HEIGHT AND WIND SPEED

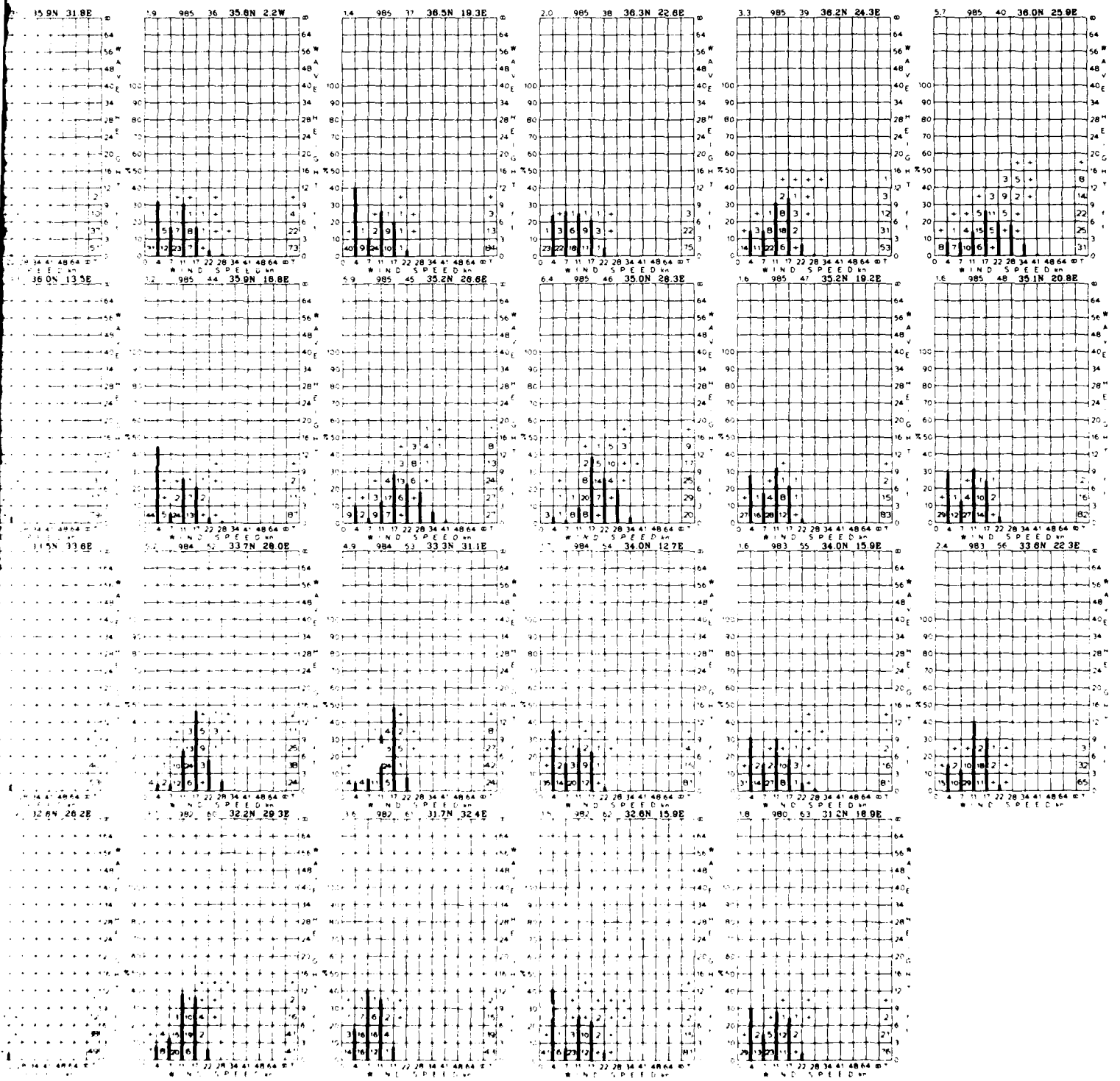


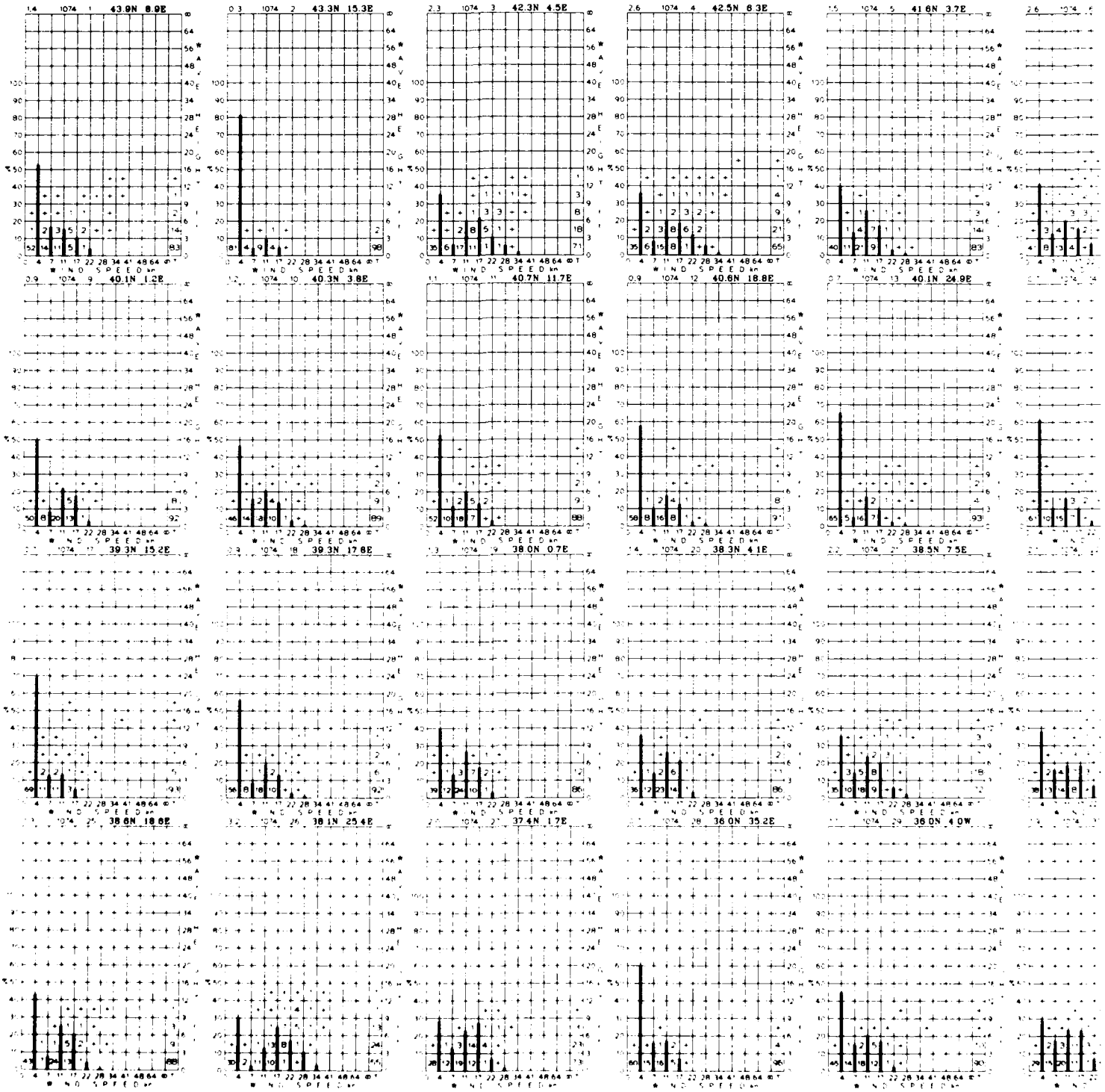
WAVE HEIGHT AND WIND SPEED (Cont'd)



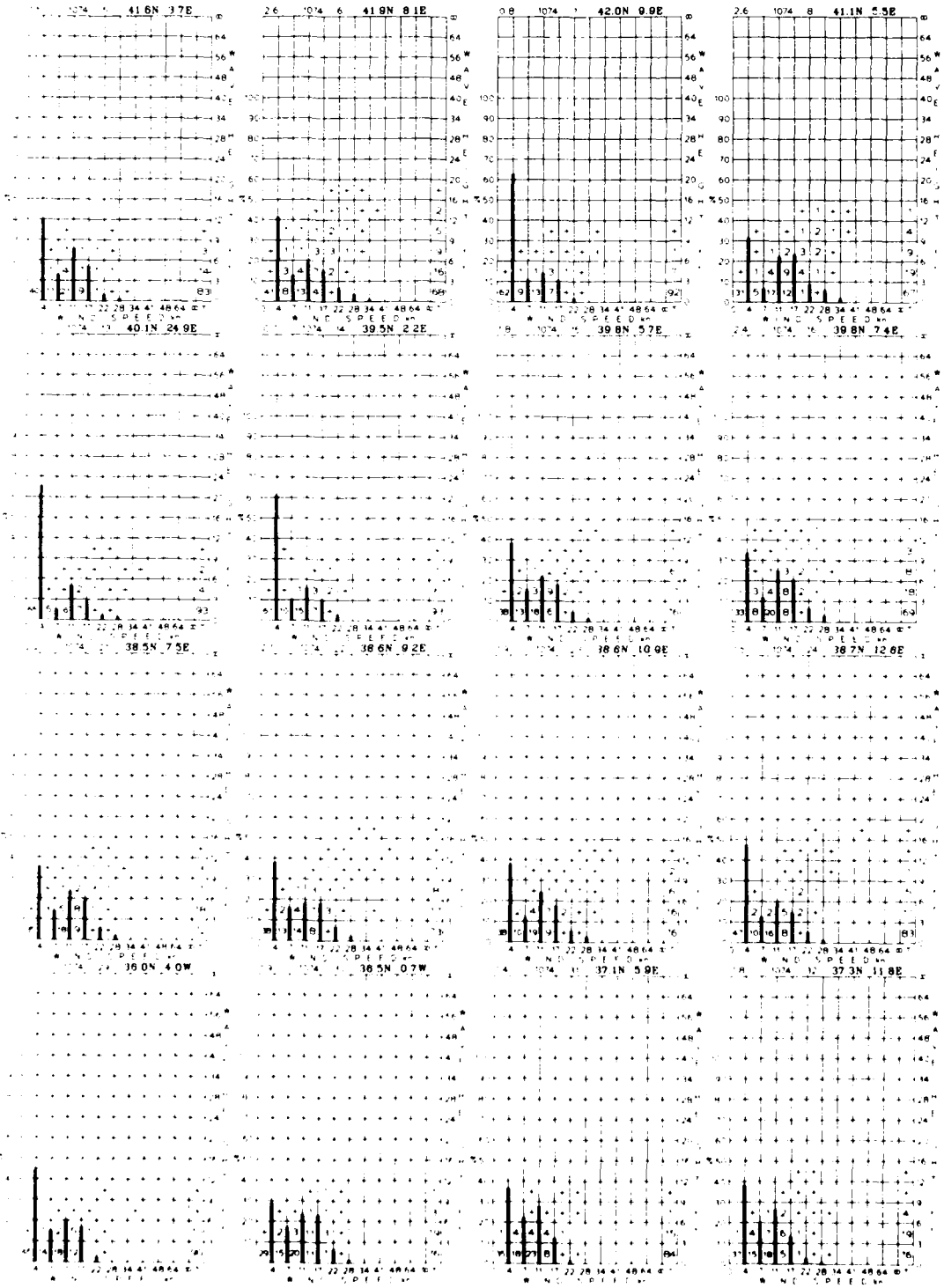
SPEED (Cont'd)

AUGUST

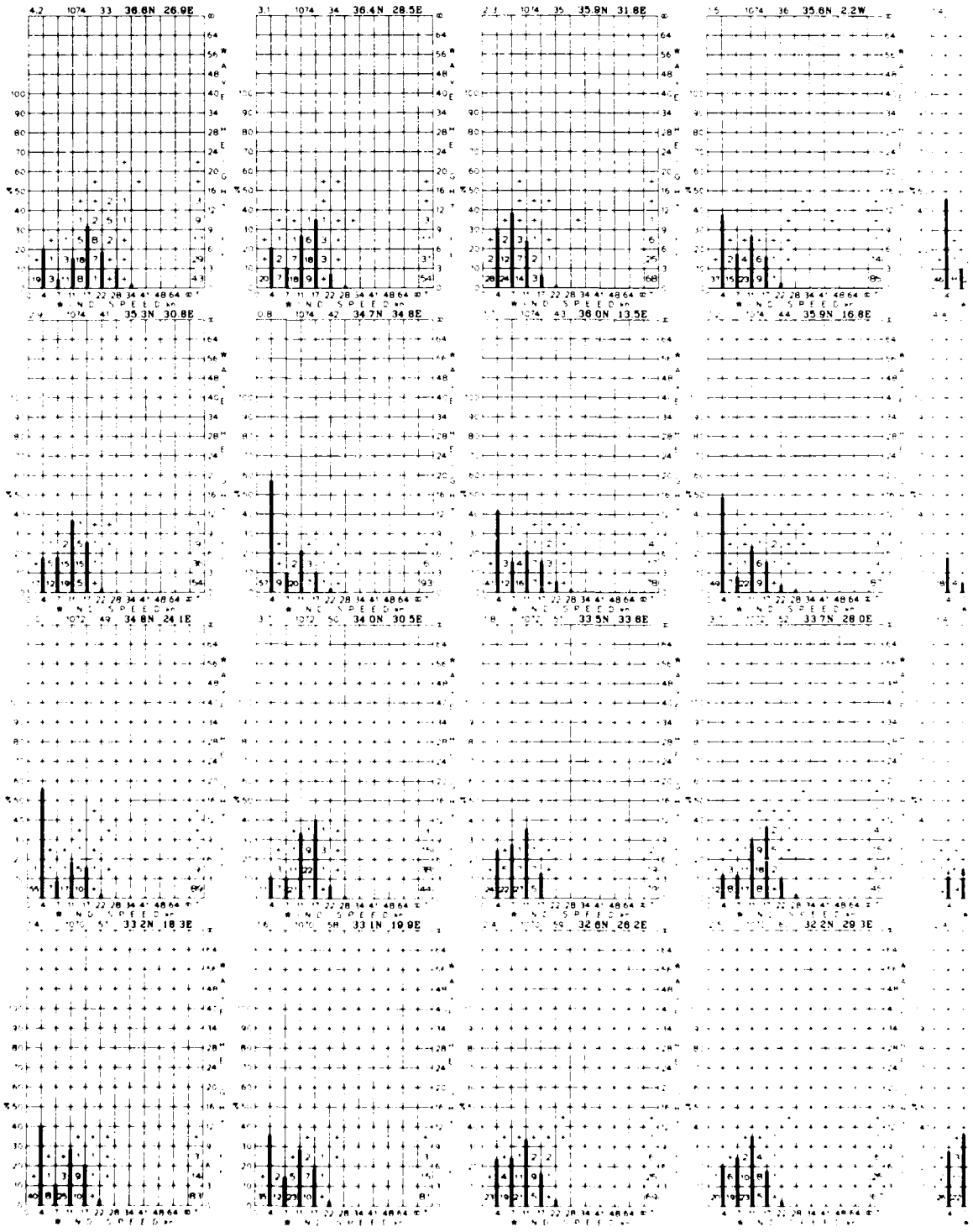


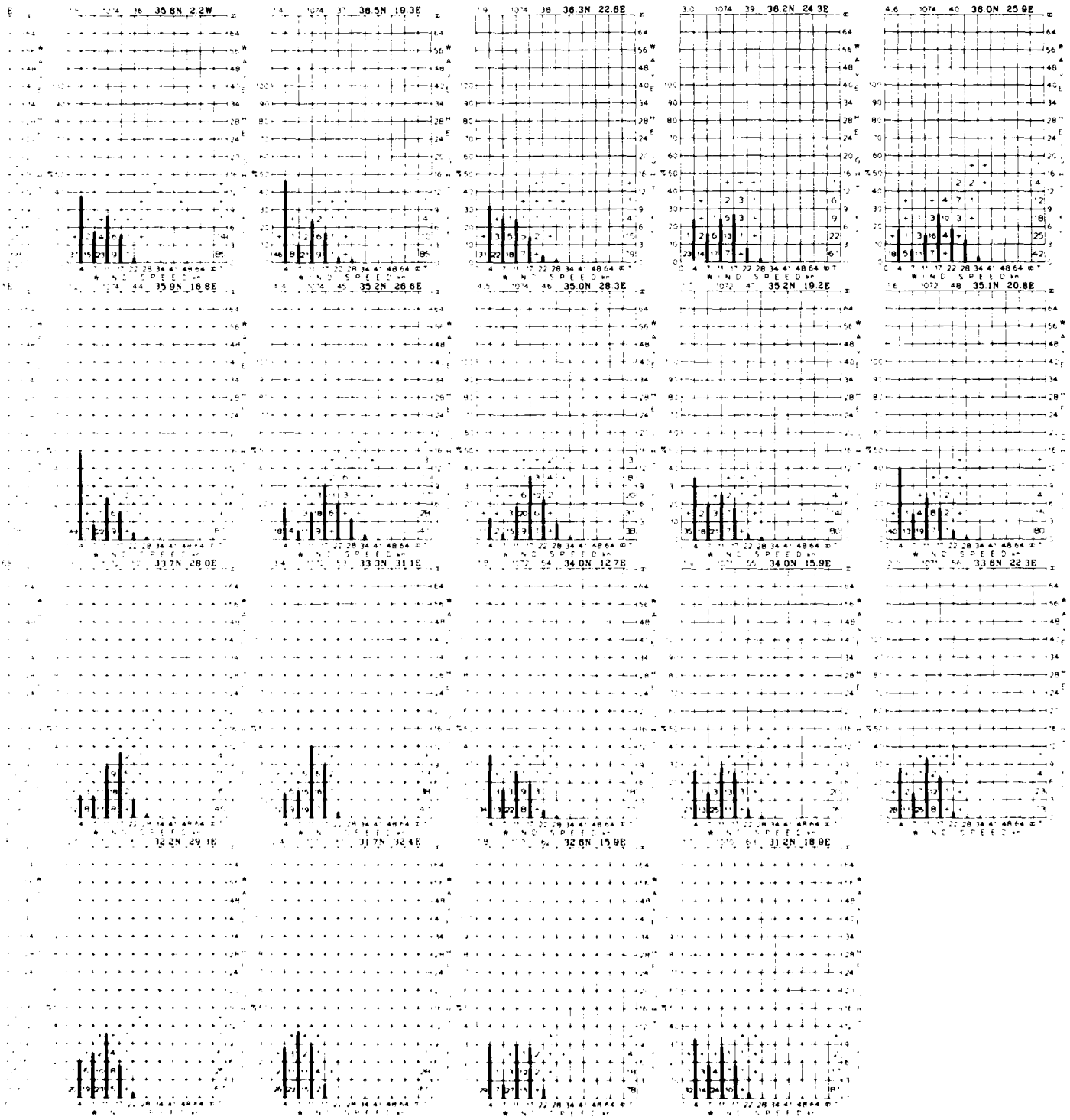

43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 8.3E
41.6N 3.7E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
40.6N 18.8E
40.1N 24.9E
39.3N 15.2E
39.3N 17.8E
38.0N 0.7E
38.3N 4.1E
38.5N 7.5E
38.6N 18.8E
38.1N 25.4E
37.4N 1.7E
36.0N 35.2E
36.0N 4.0W
WIND SPEED km

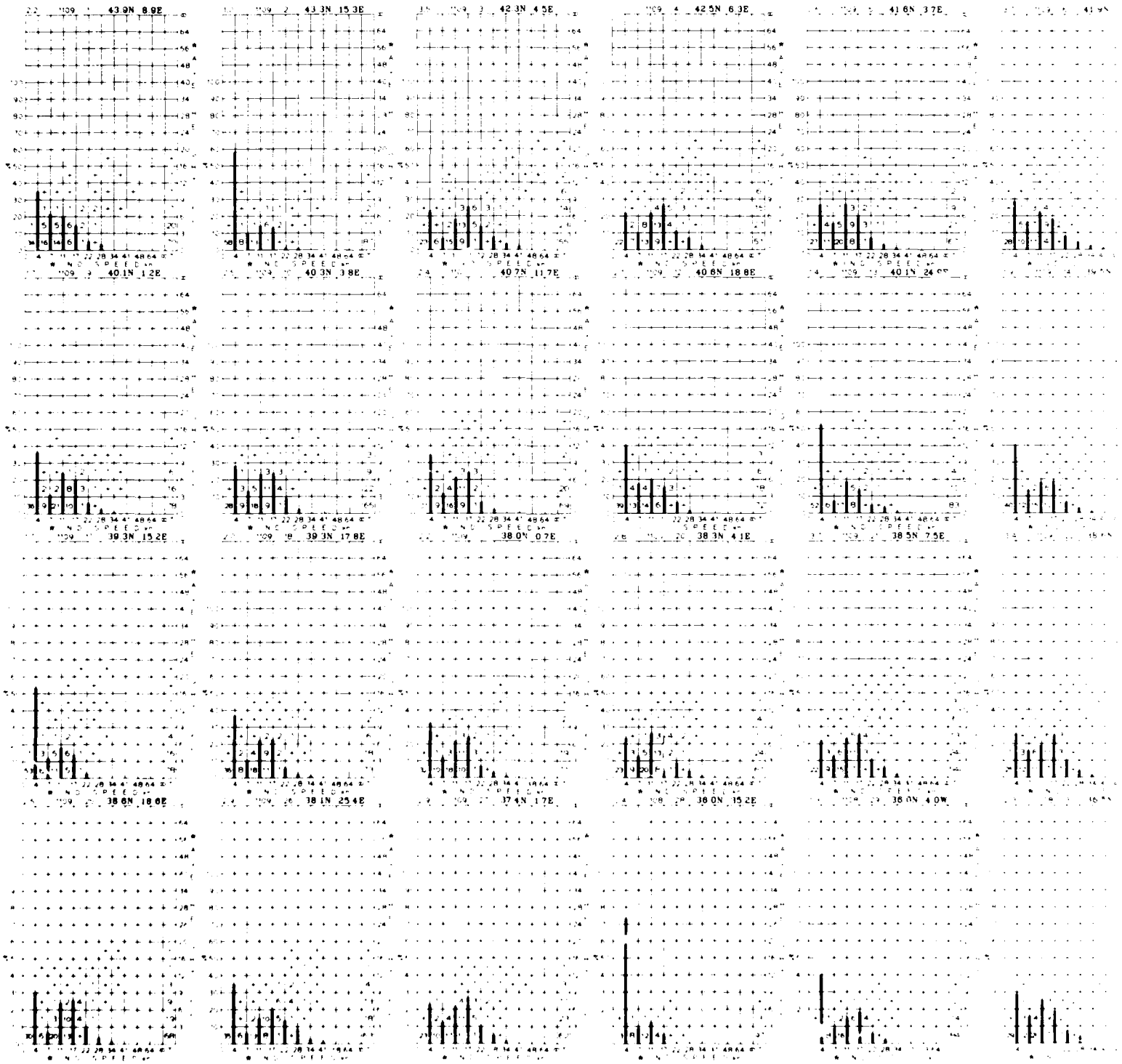
WAVE HEIGHT AND WIND SPEED



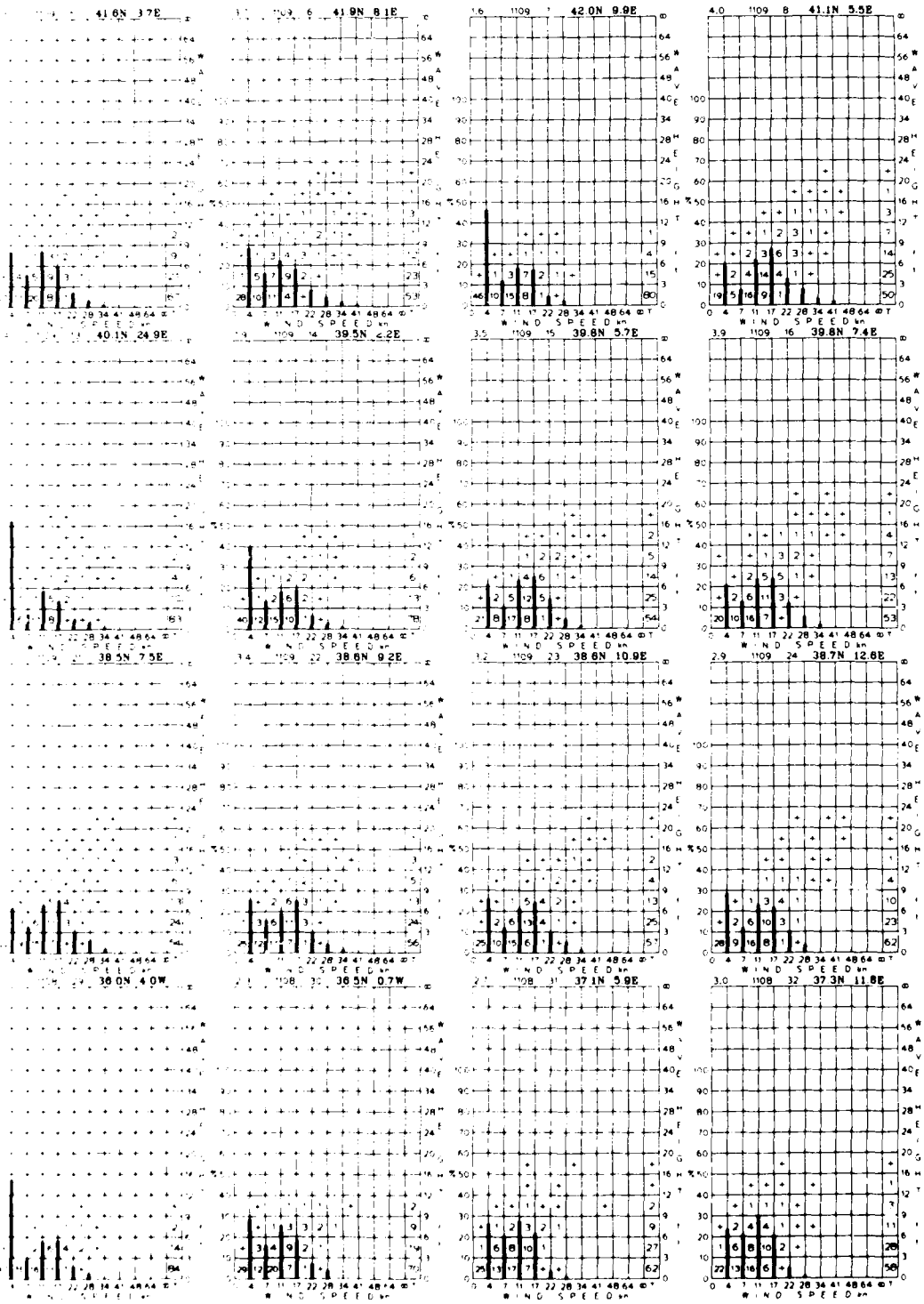
WAVE HEIGHT AND WIND SPEED (Cont'd)



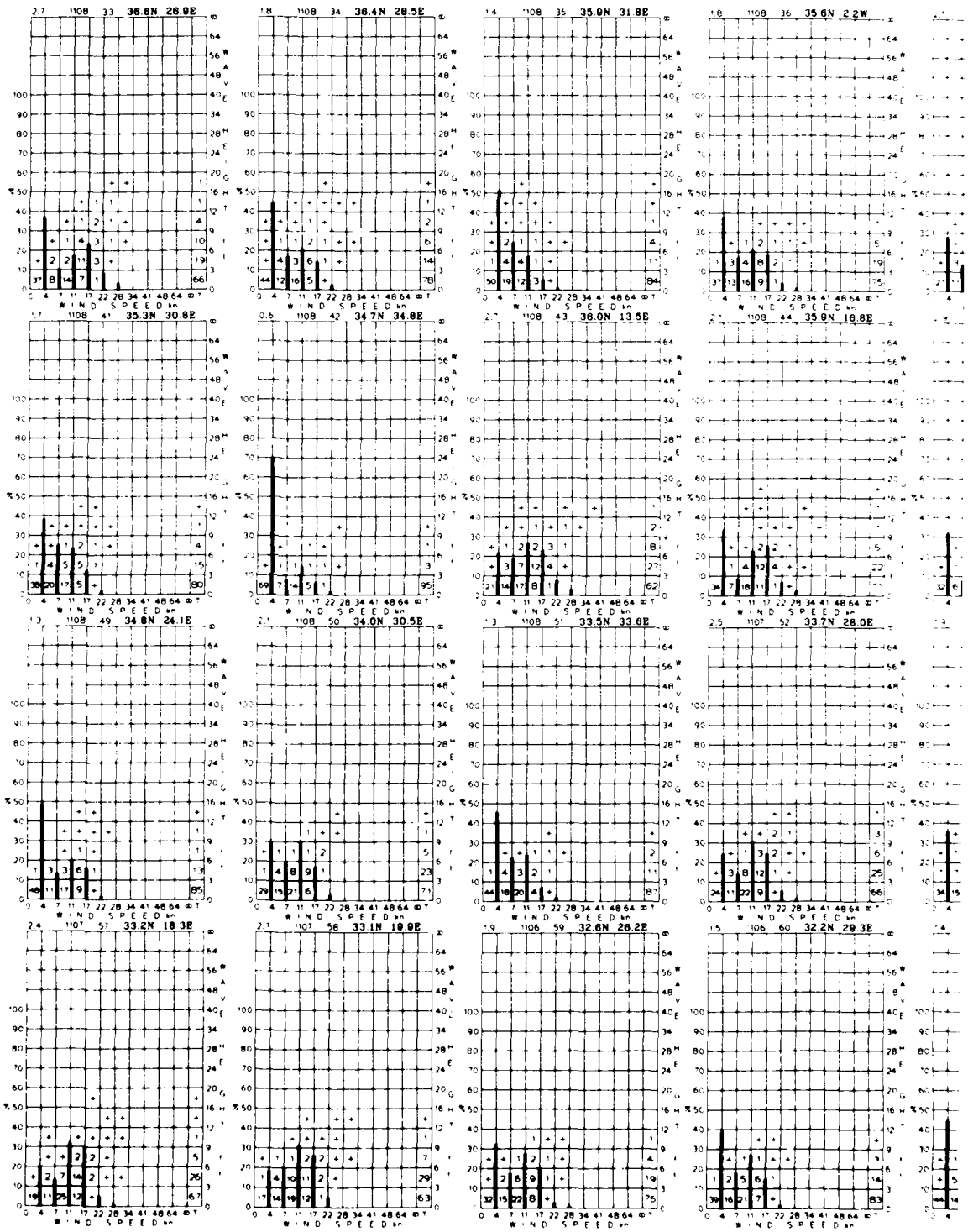

36 35.6N 22W
37 36.5N 19.3E
38 36.3N 22.6E
39 36.2N 24.3E
40 36.0N 25.9E
44 35.9N 16.8E
45 35.2N 26.6E
46 35.0N 28.3E
47 35.2N 19.2E
48 35.1N 20.8E
33.7N 28.0E
33.3N 31.1E
34.0N 12.7E
34.0N 15.9E
33.6N 22.3E
32.2N 29.1E
31.7N 32.4E
32.6N 15.9E
31.2N 18.9E
WIND SPEED


43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
41.6N 3.7E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
40.6N 18.8E
40.1N 24.0E
39.3N 15.2E
39.3N 17.8E
38.0N 0.7E
38.3N 4.1E
38.5N 7.5E
38.6N 18.0E
38.1N 25.4E
37.4N 1.7E
38.0N 15.2E
38.0N 4.0W

WAVE HEIGHT AND WIND SPEED

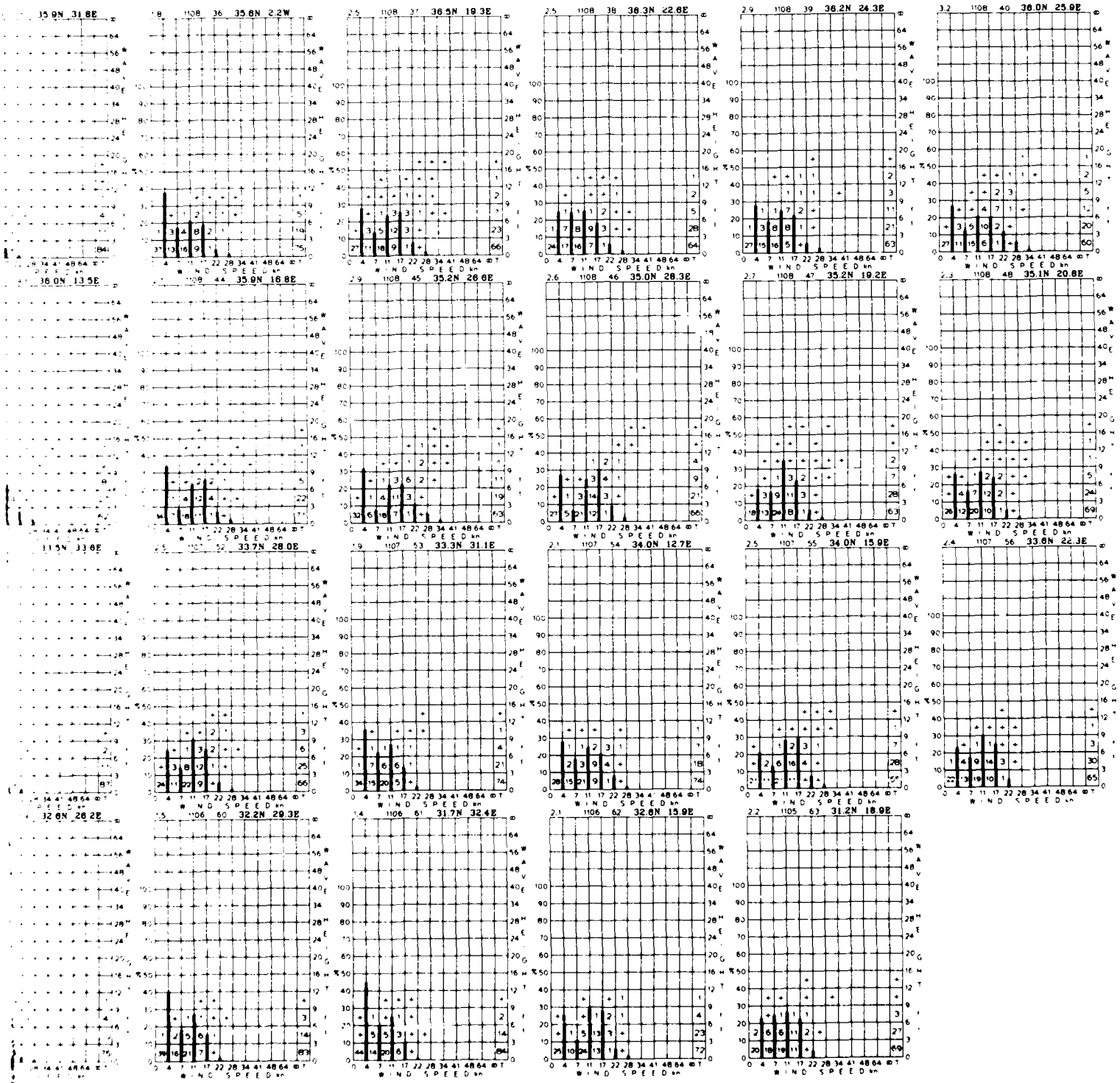


WAVE HEIGHT AND WIND SPEED (Cont'd)



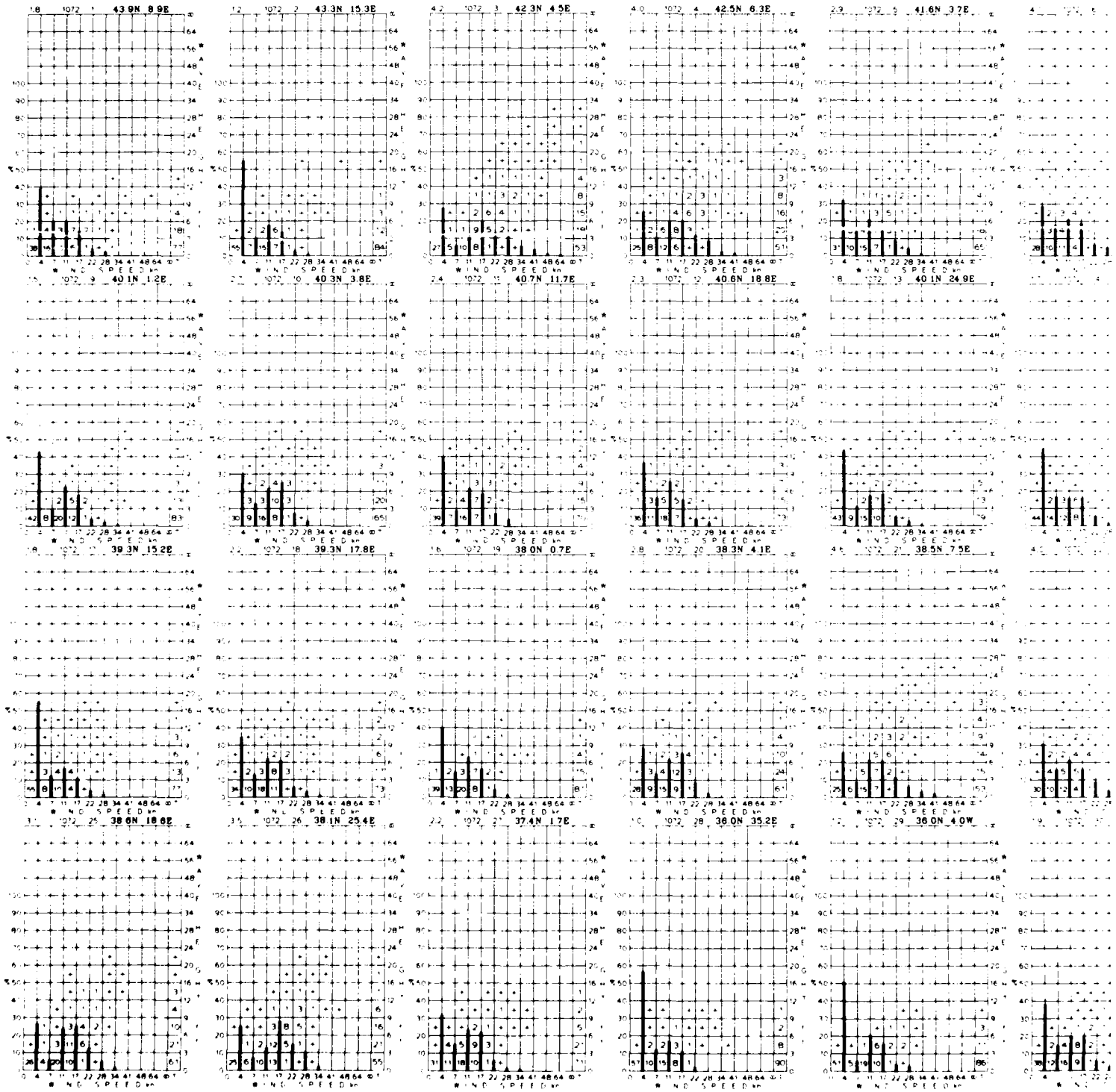
D SPEED (Cont'd)

OCTOBER

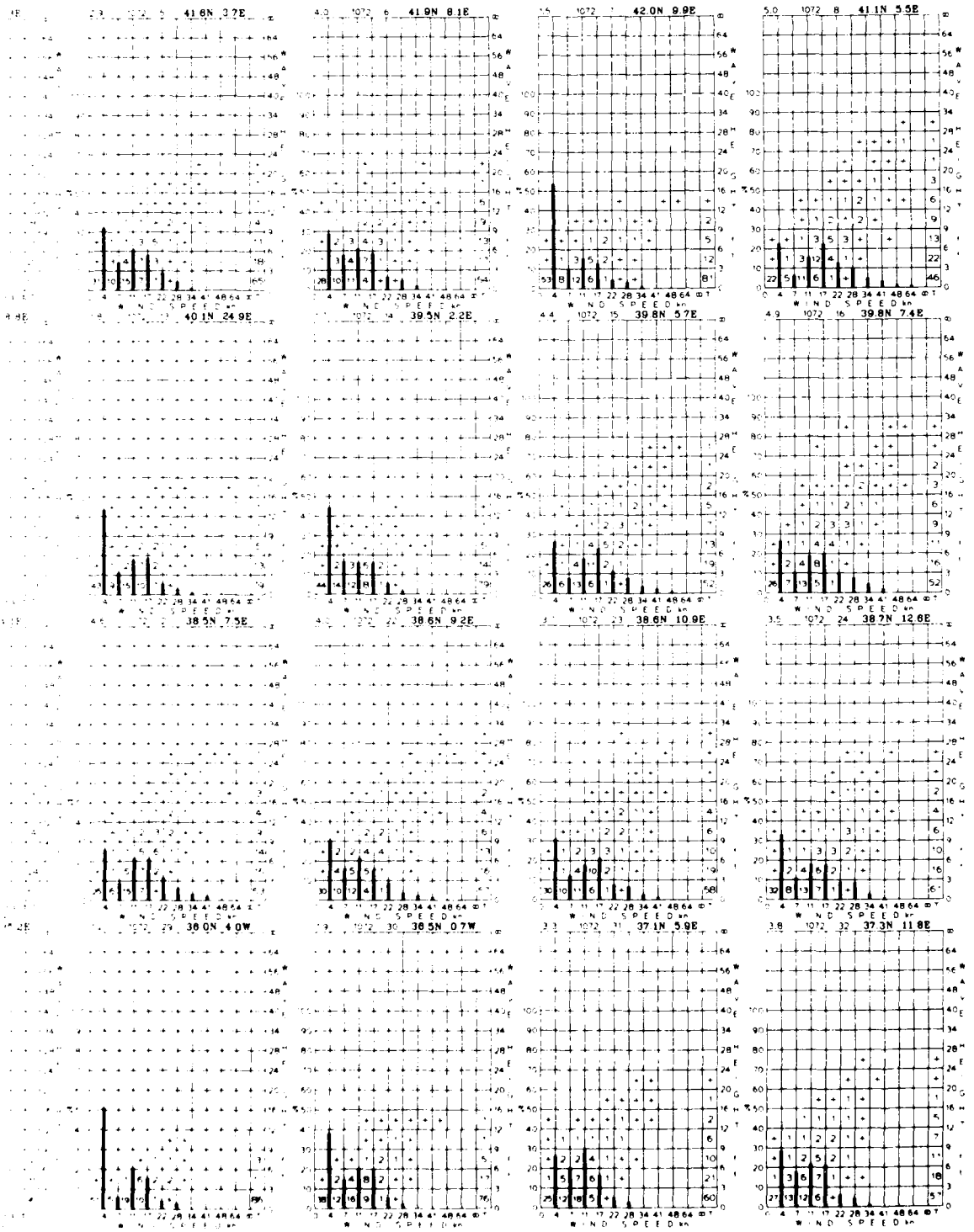


NOVEMBER

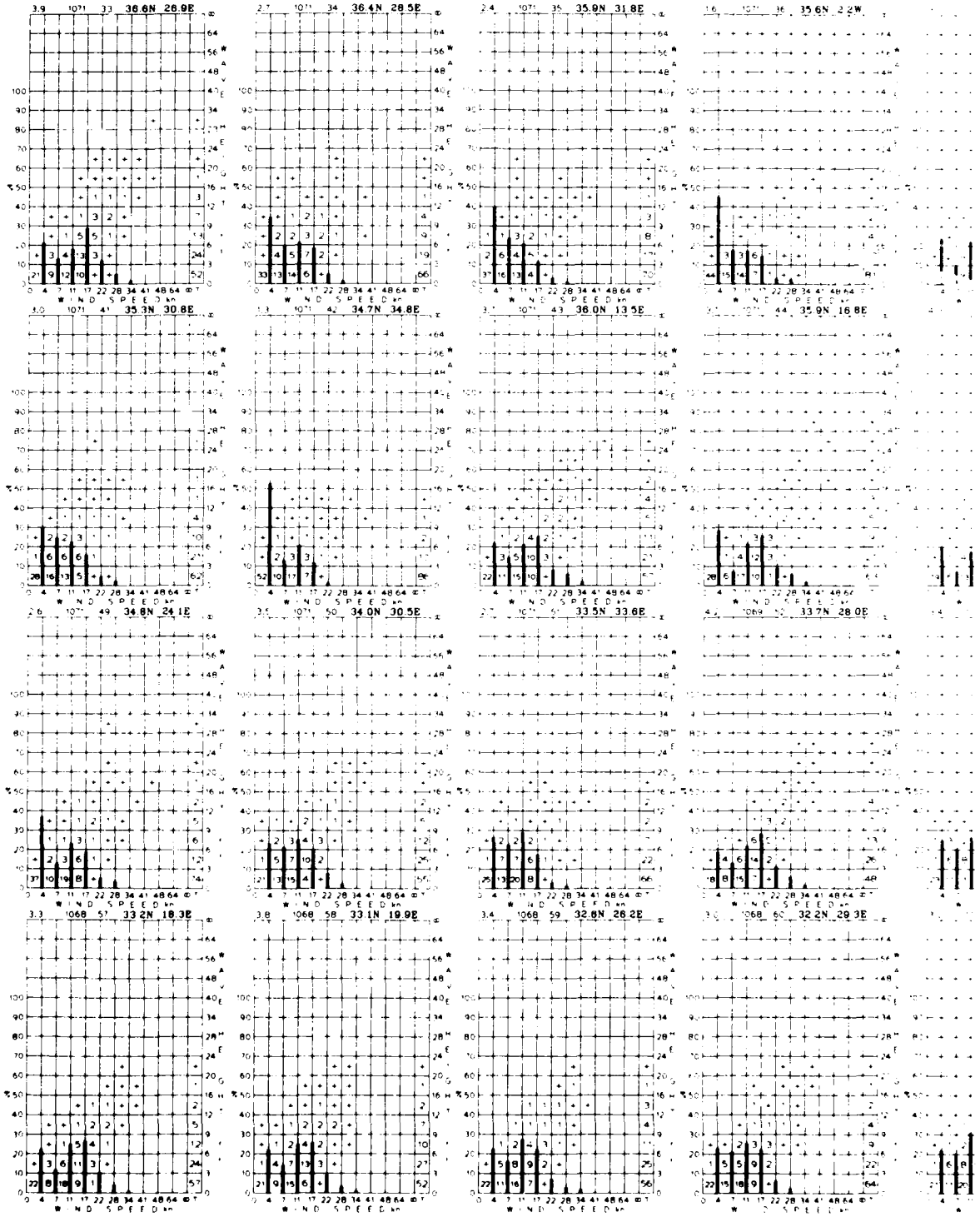
WAVE H



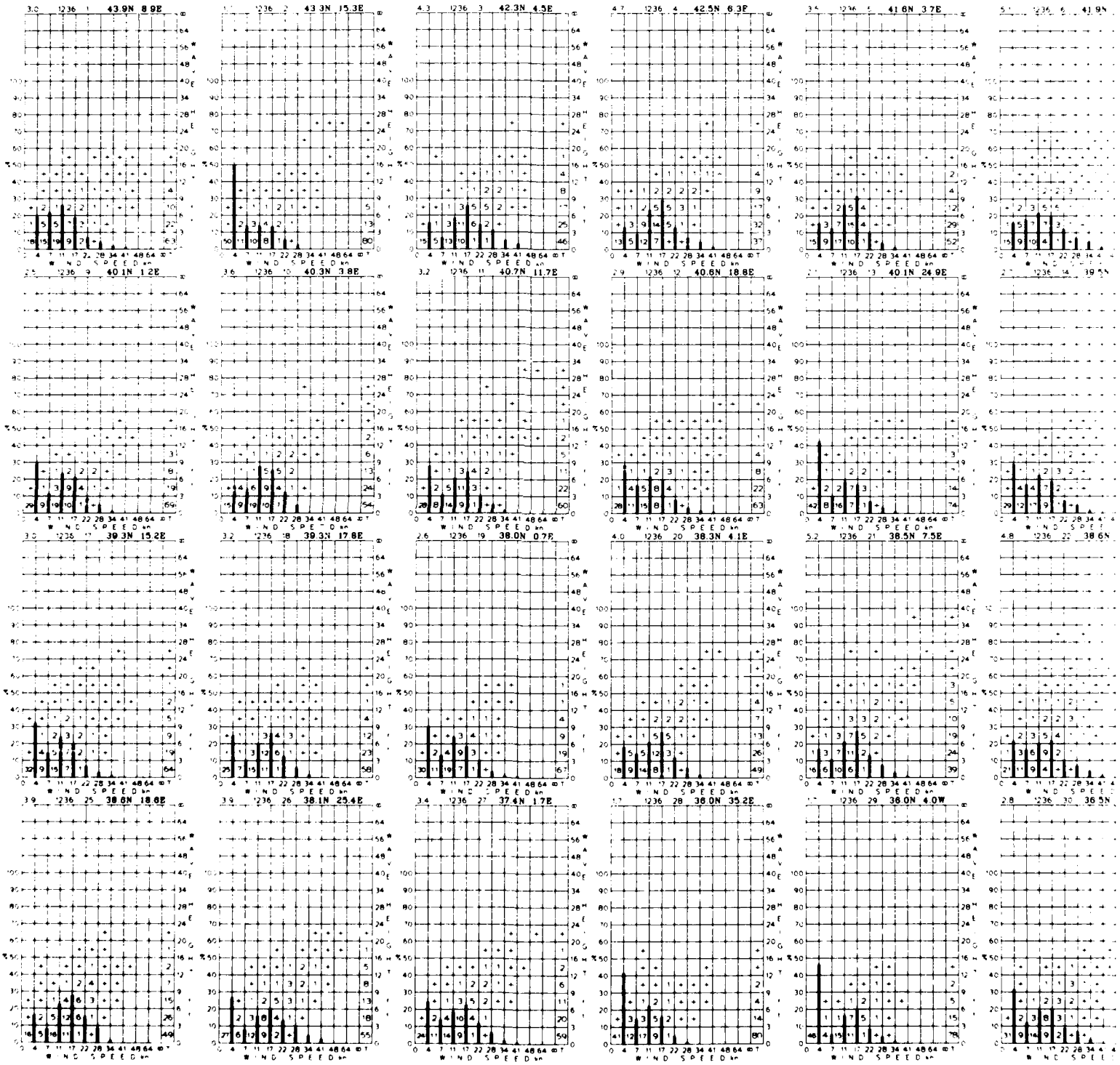
WAVE HEIGHT AND WIND SPEED



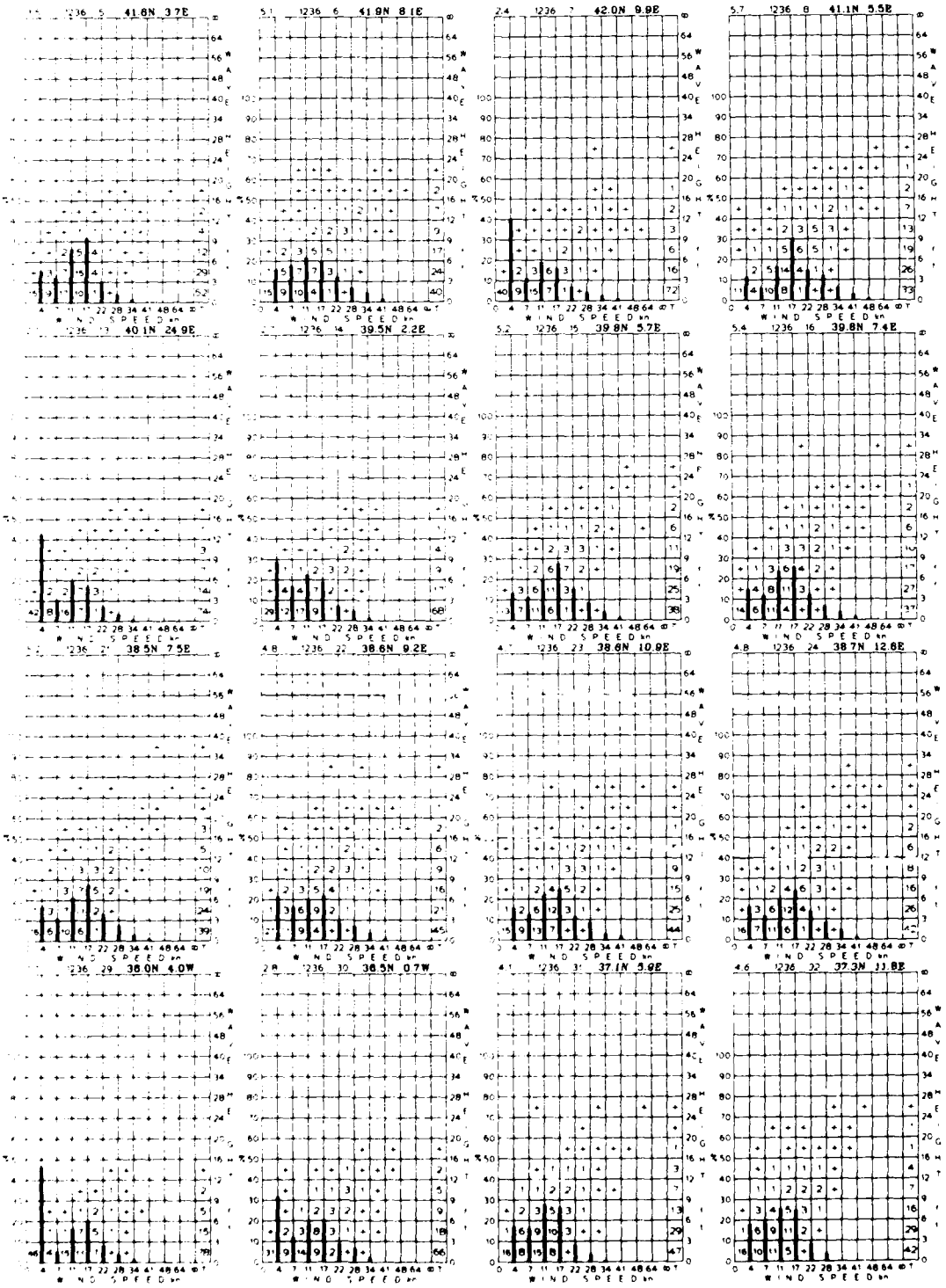
WAVE HEIGHT AND WIND SPEED (Cont'd)



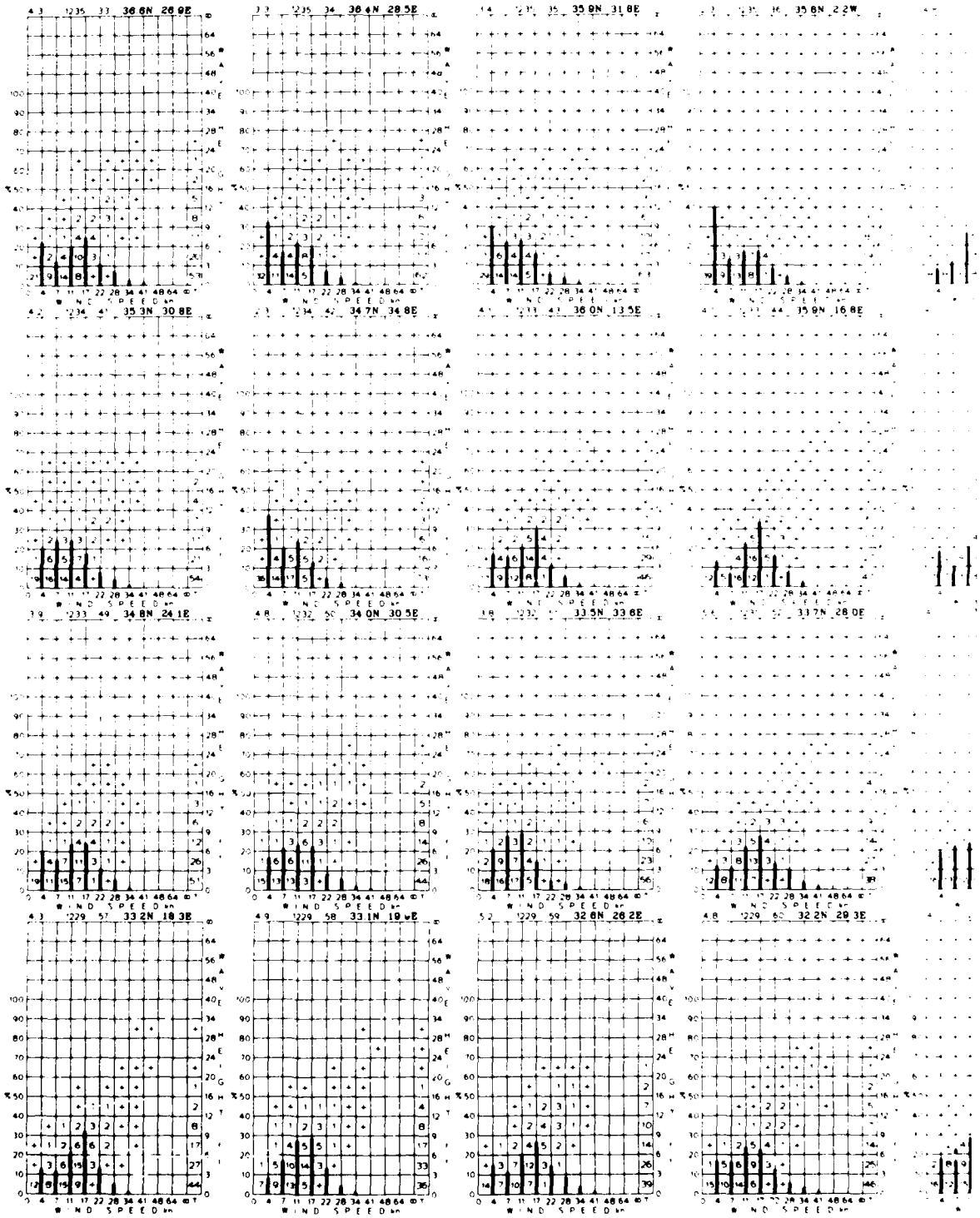
35.6N 22.2W
36.5N 19.3E
36.3N 22.6E
36.2N 24.3E
36.0N 25.9E
35.9N 16.8E
35.2N 26.6E
35.0N 28.3E
35.2N 19.2
35.1N 20.8E
33.7N 28.0E
33.3N 31.1E
34.0N 12.7E
34.0N 15.9E
33.6N 22.3E
32.2N 29.3E
31.7N 32.4E
32.8N 15.9E
31.2N 18.9E
WIND SPEED

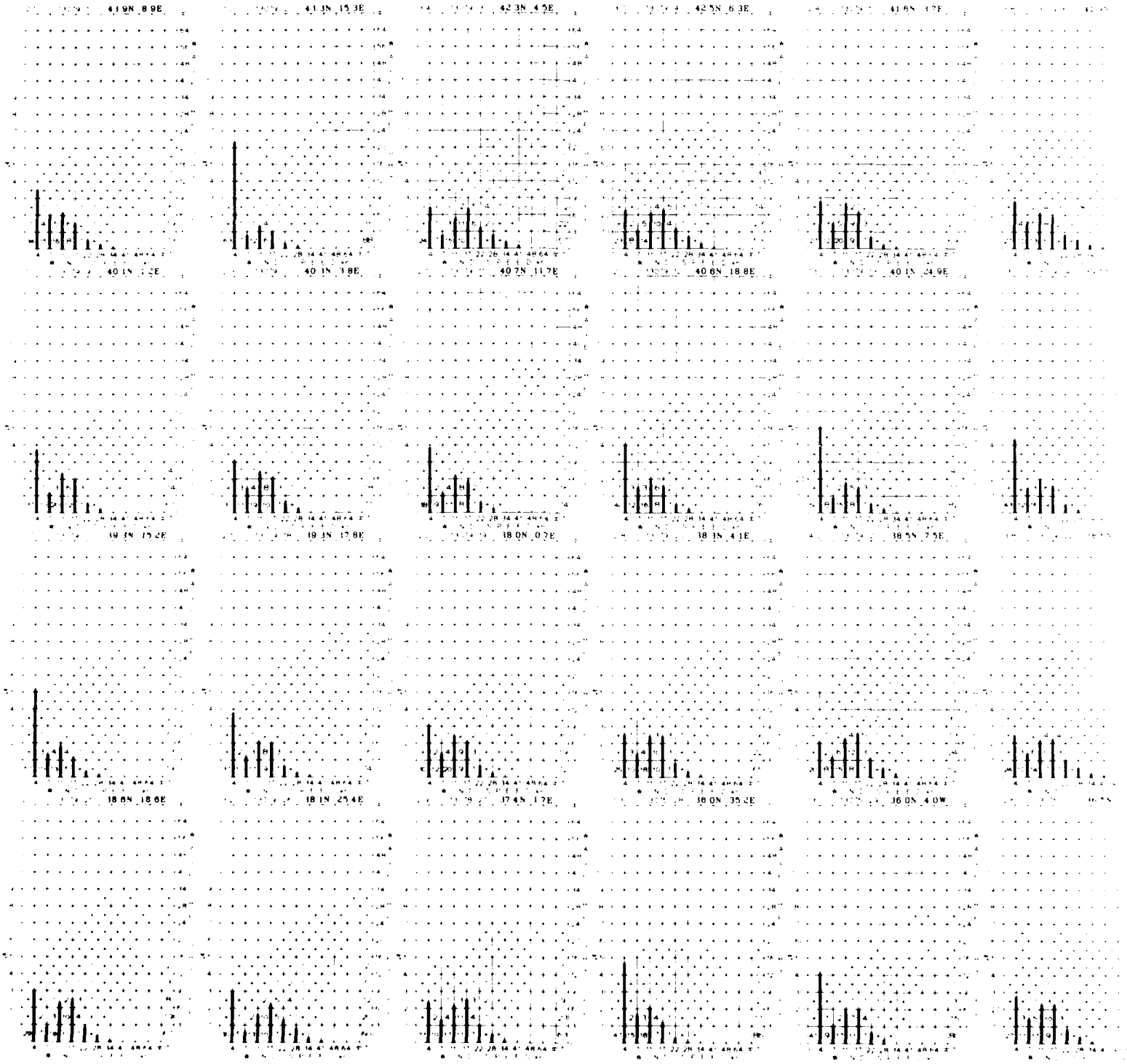

43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
41.6N 3.7E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
40.0N 18.8E
40.1N 24.9E
39.3N 15.2E
39.3N 17.8E
38.0N 0.7E
38.3N 4.1E
38.5N 7.5E
38.0N 18.8E
38.1N 25.4E
37.4N 1.7E
38.0N 35.2E
38.0N 4.0W
WIND SPEED km

WAVE HEIGHT AND WIND SPEED

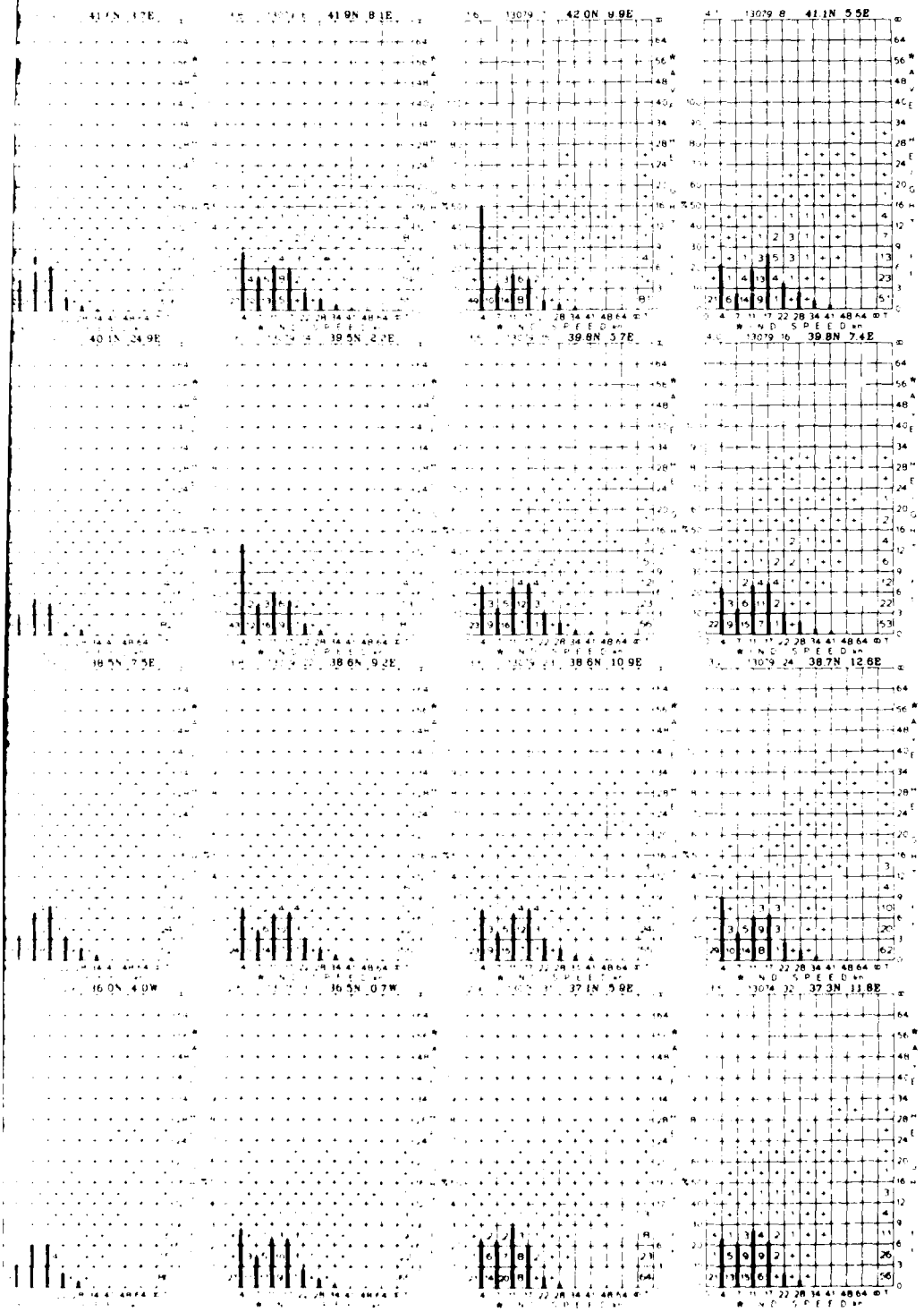


WAVE HEIGHT AND WIND SPEED (Cont'd)

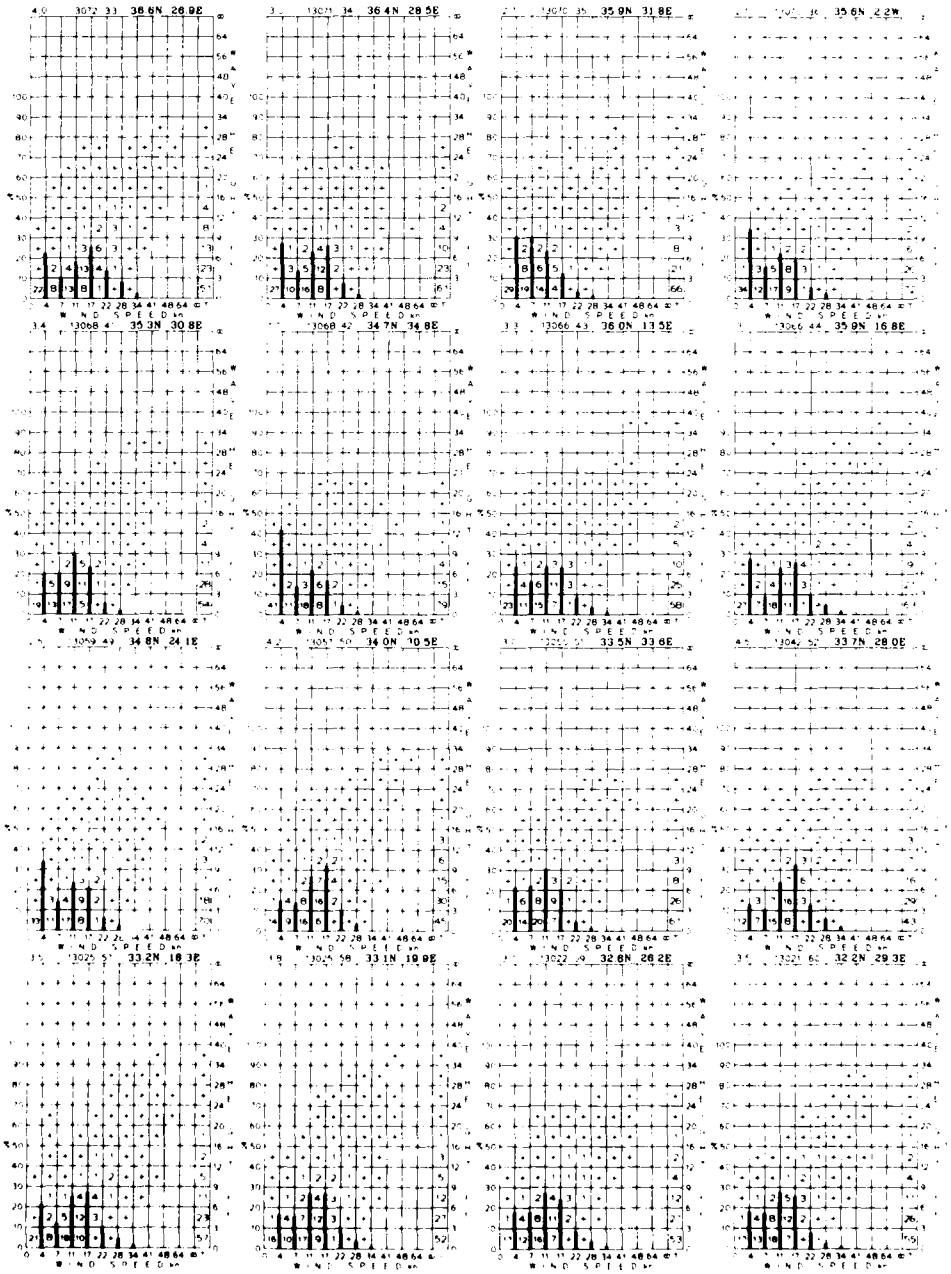


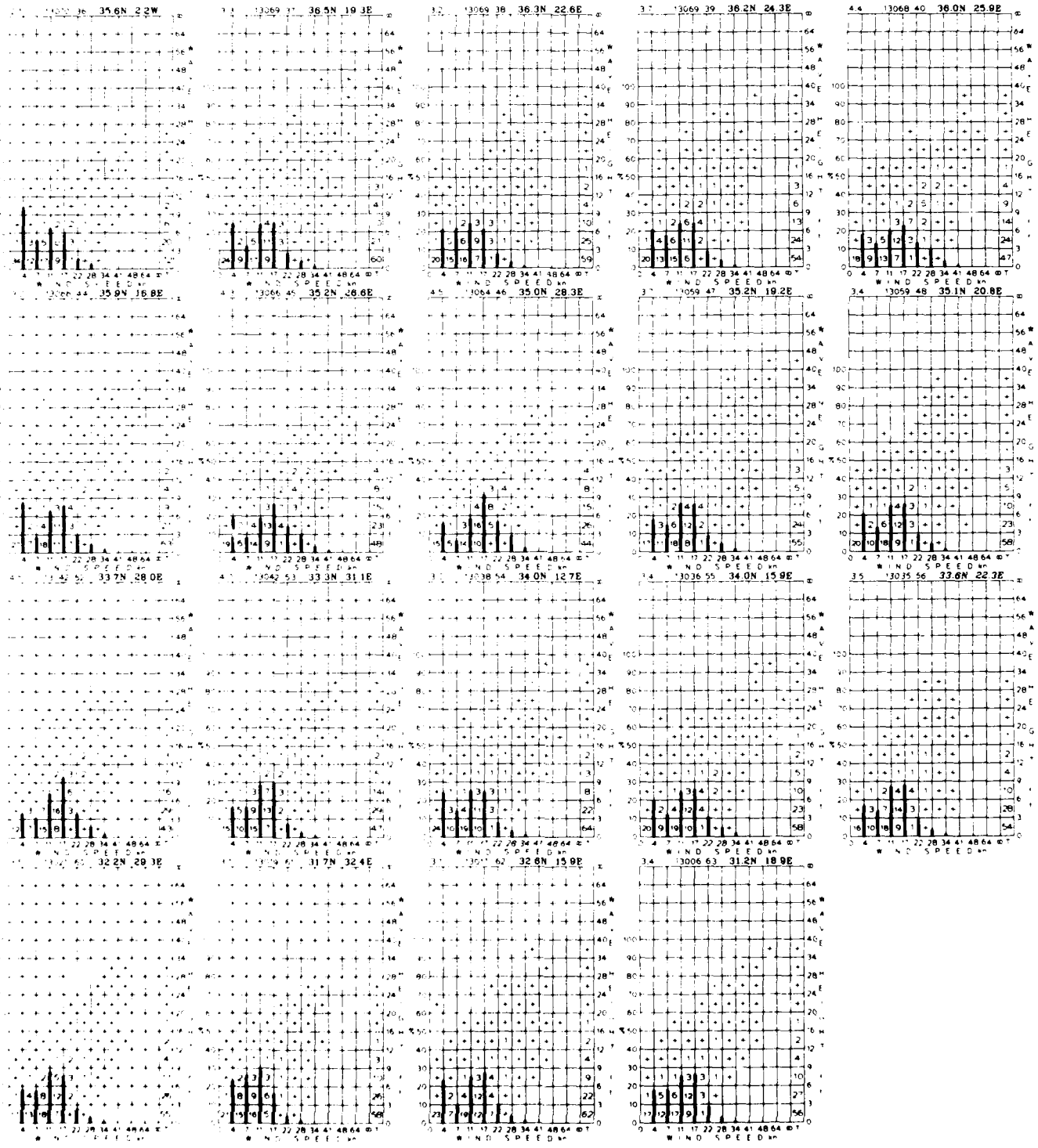

41.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
41.6N 1.7E
40.1N 1.2E
40.1N 3.8E
40.7N 11.7E
40.6N 18.8E
40.1N 24.9E
39.3N 15.2E
39.3N 17.8E
38.0N 0.7E
38.3N 4.1E
38.5N 7.5E
38.6N 18.6E
38.1N 25.4E
37.4N 1.7E
38.0N 35.2E
36.0N 4.0W

WAVE HEIGHT AND WIND SPEED



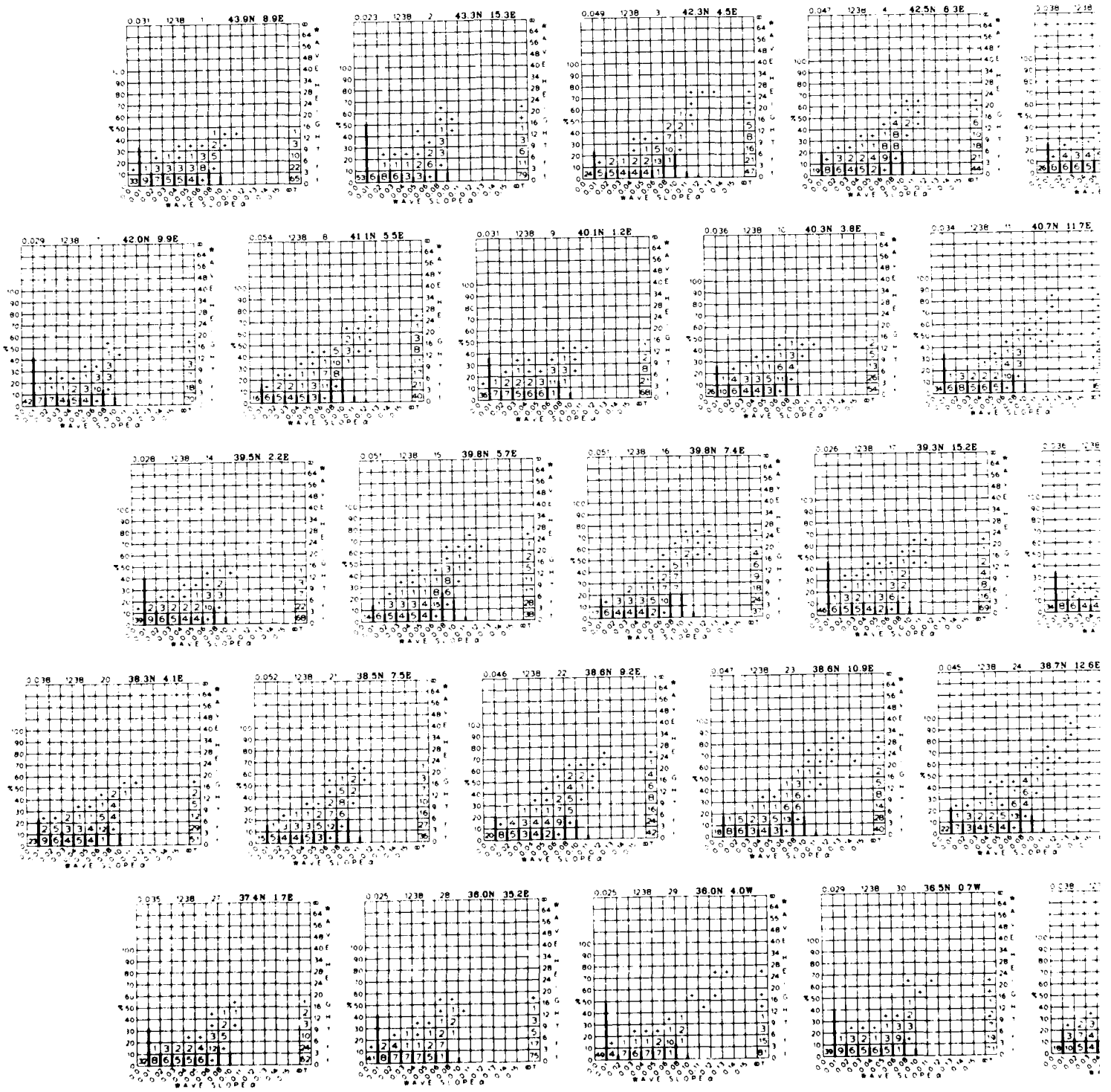
WAVE HEIGHT AND WIND SPEED (Cont'd)



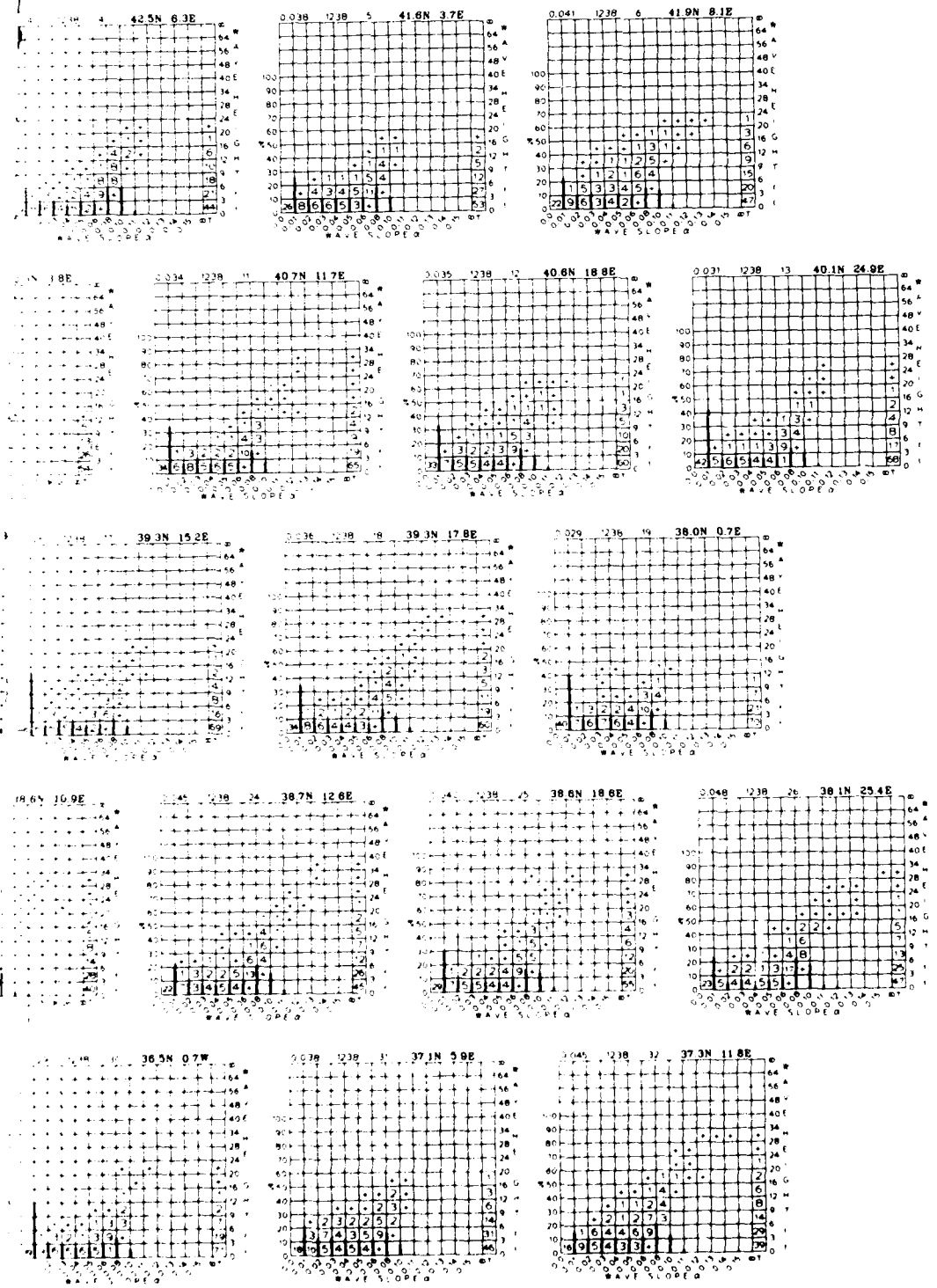

13069 37 36.5N 19.3E
13069 38 36.3N 22.6E
13069 39 36.2N 24.3E
13068 40 36.0N 25.9E
13066 44 35.9N 16.8E
13066 45 35.2N 26.6E
13064 46 35.0N 28.3E
13059 47 35.2N 19.2E
13059 48 35.1N 20.8E
33.7N 28.0E
33.3N 31.1E
34.0N 12.7E
34.0N 15.9E
33.6N 22.3E
32.2N 29.3E
31.7N 32.4E
32.6N 15.9E
31.2N 18.9E
WIND SPEED kn

JANUARY

WAVE HEI

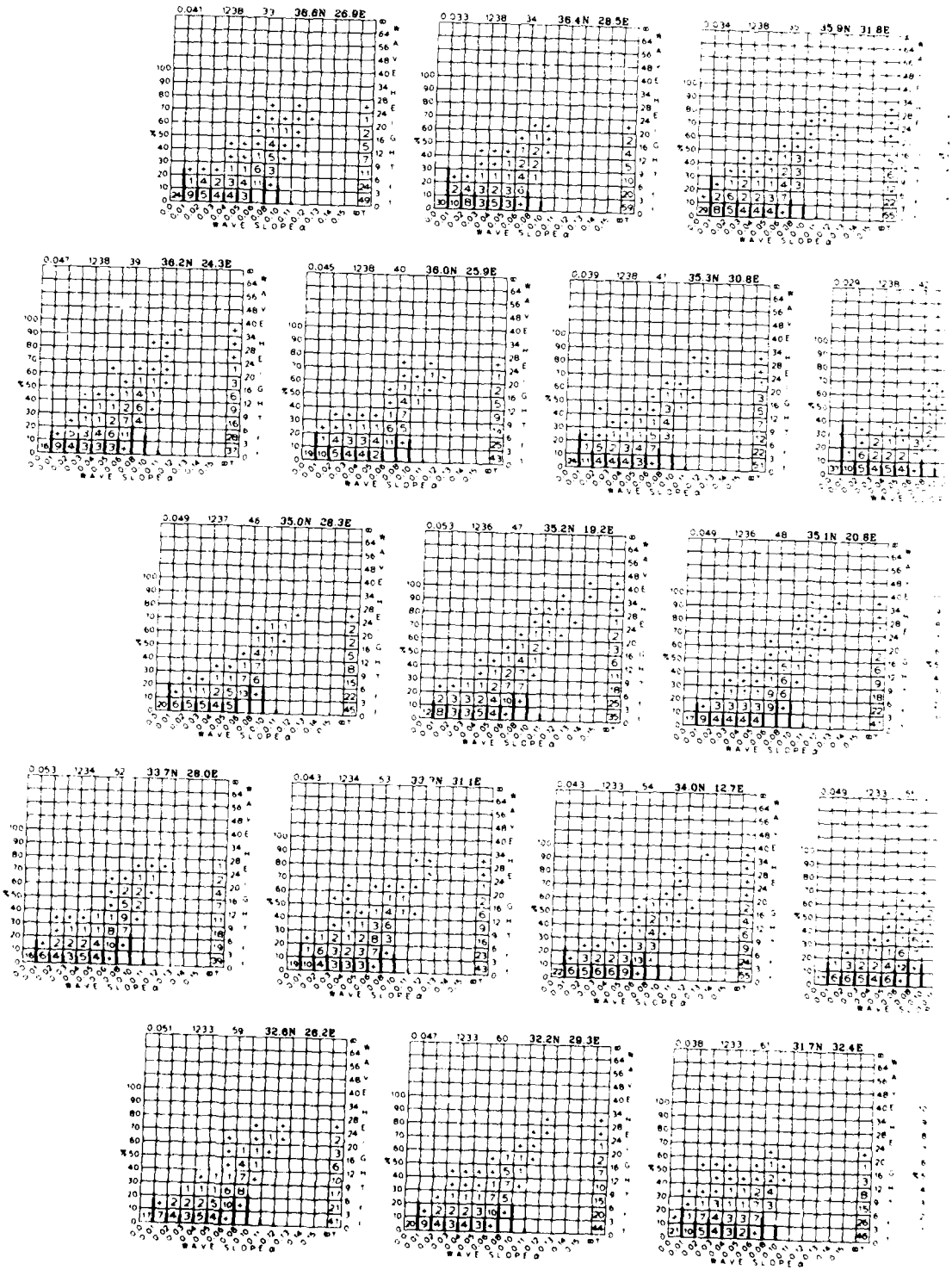


WAVE HEIGHT AND WAVE SLOPE (α)



92 B

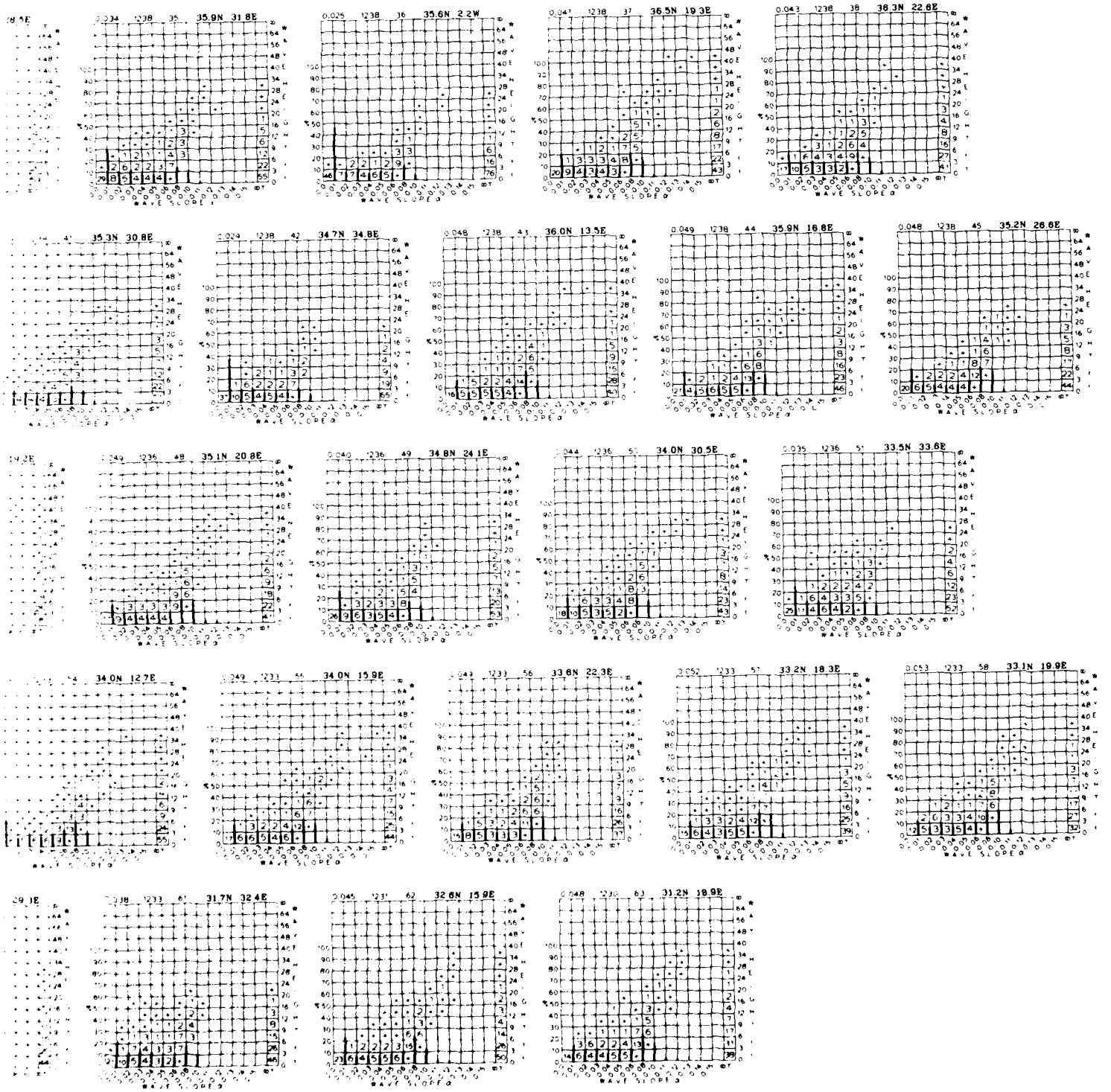
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'



93 A

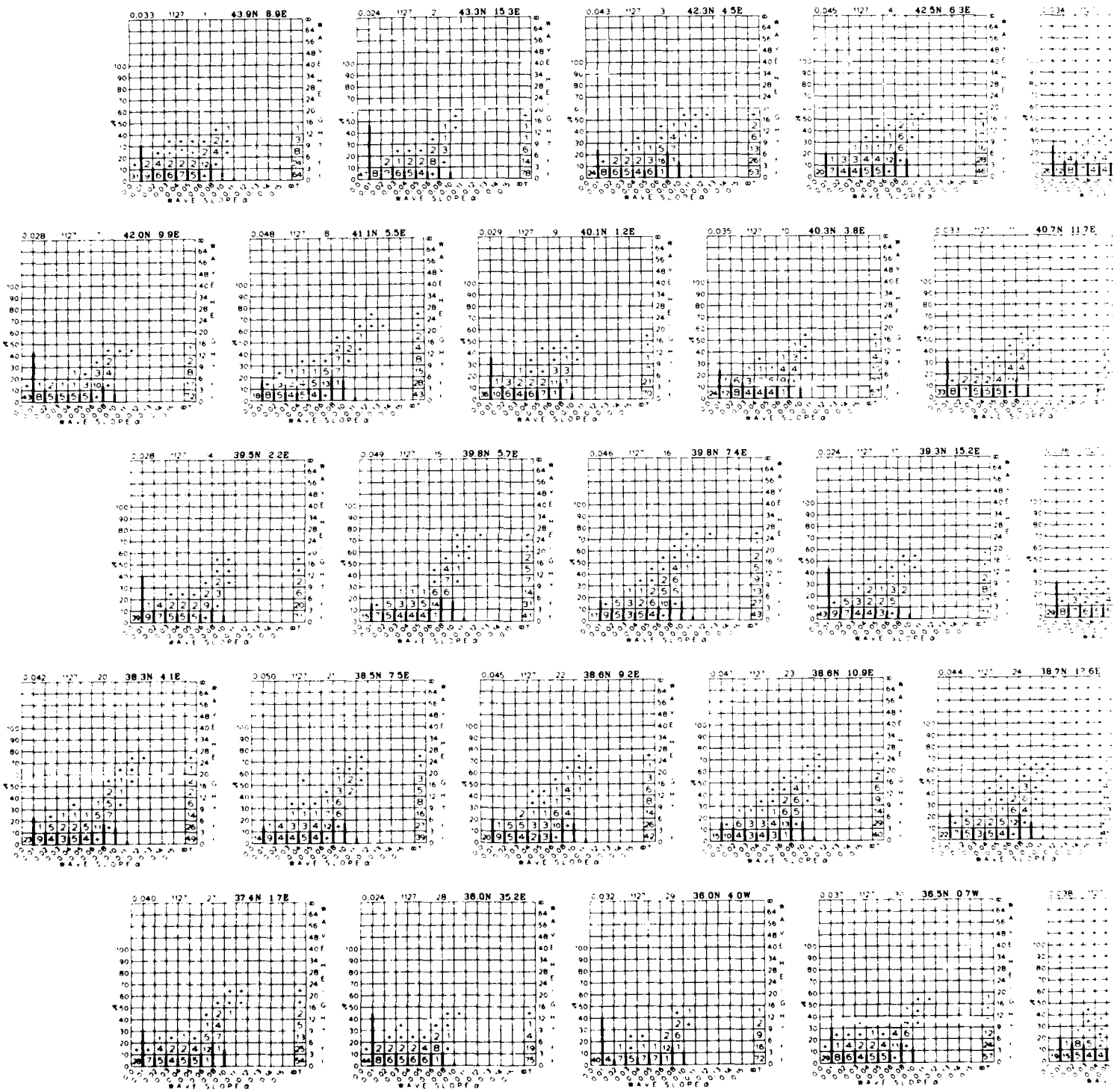
SLOPE (α) (Cont'd)

JANUARY

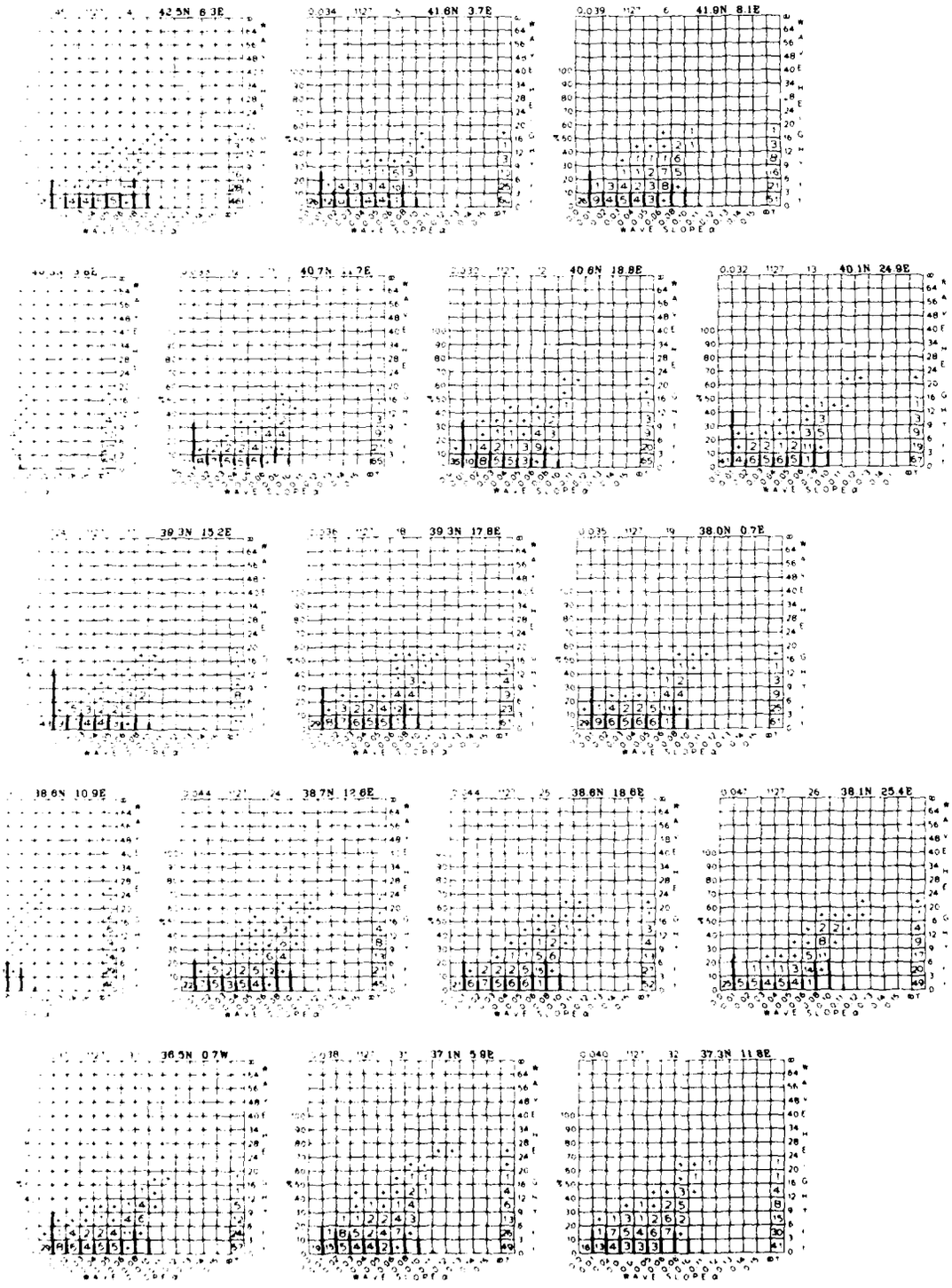


FEBRUARY

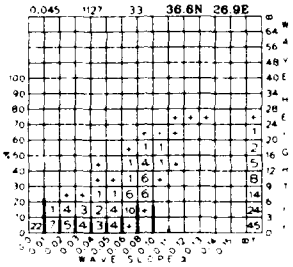
WAVE HEIG

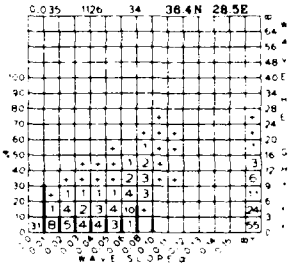


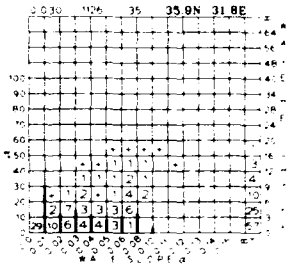
WAVE HEIGHT AND WAVE SLOPE (α)

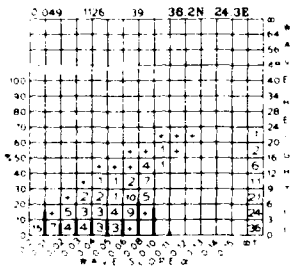


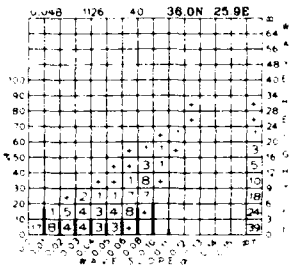
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)

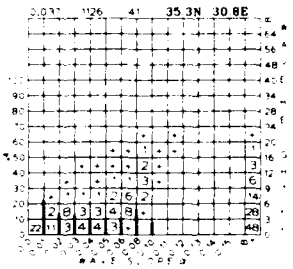


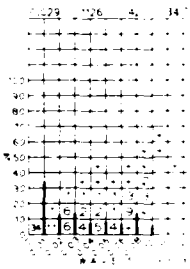


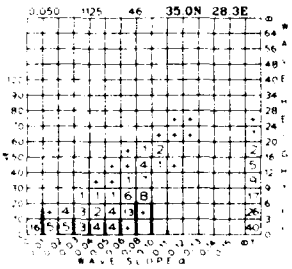


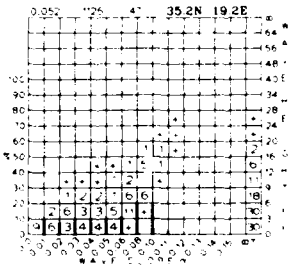


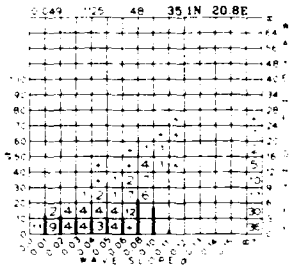


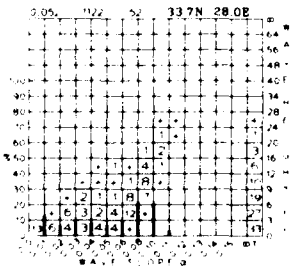


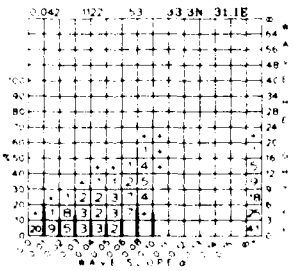


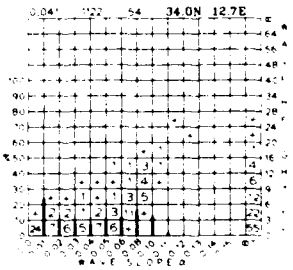


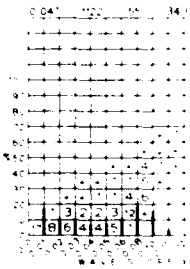


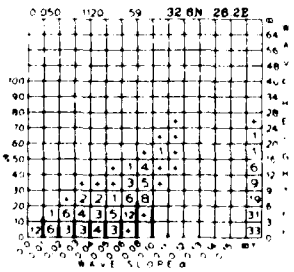


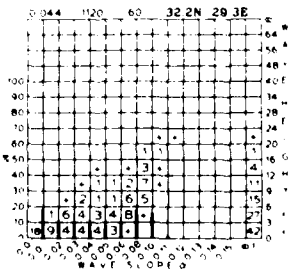


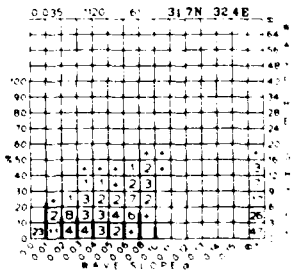






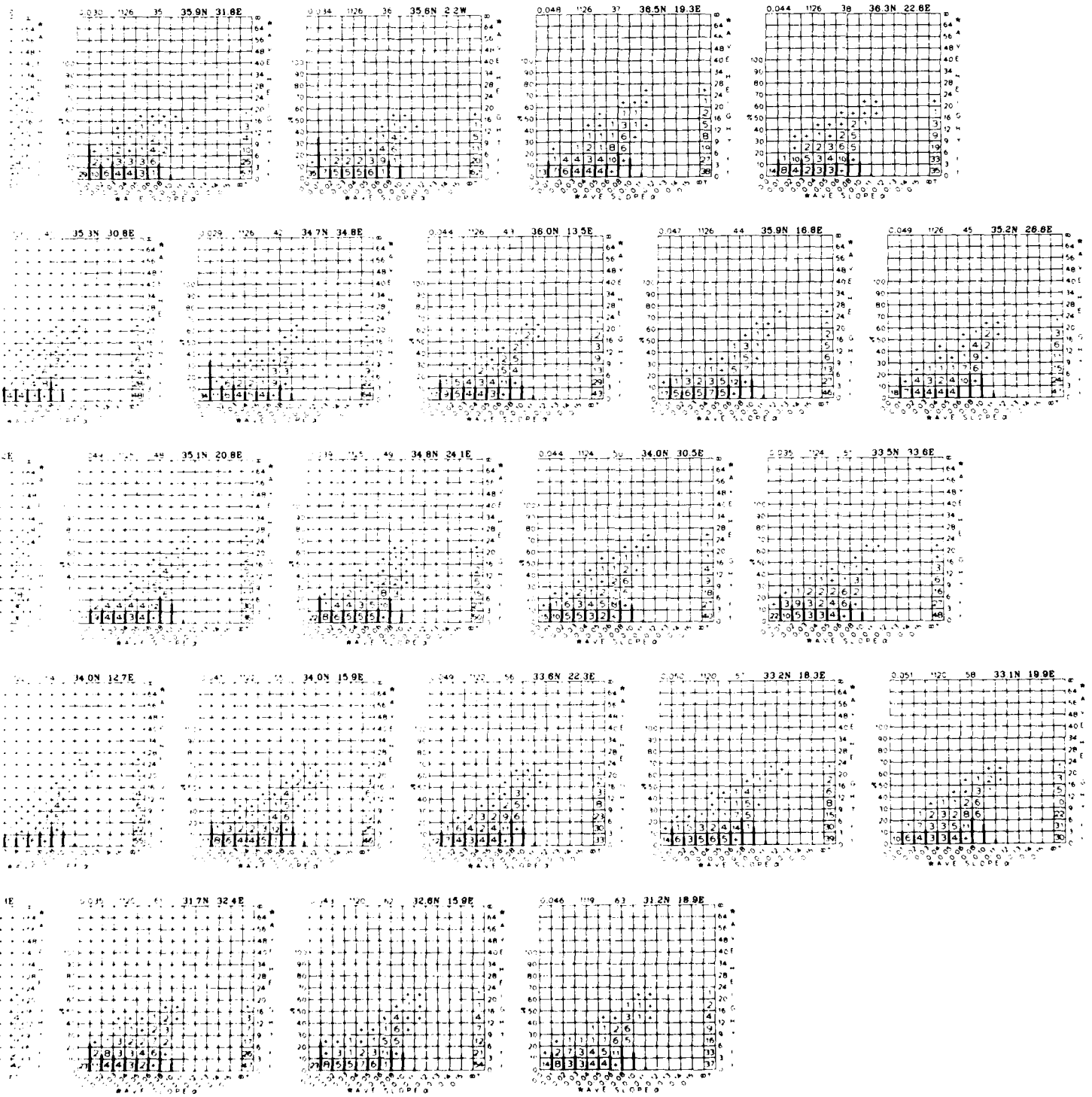






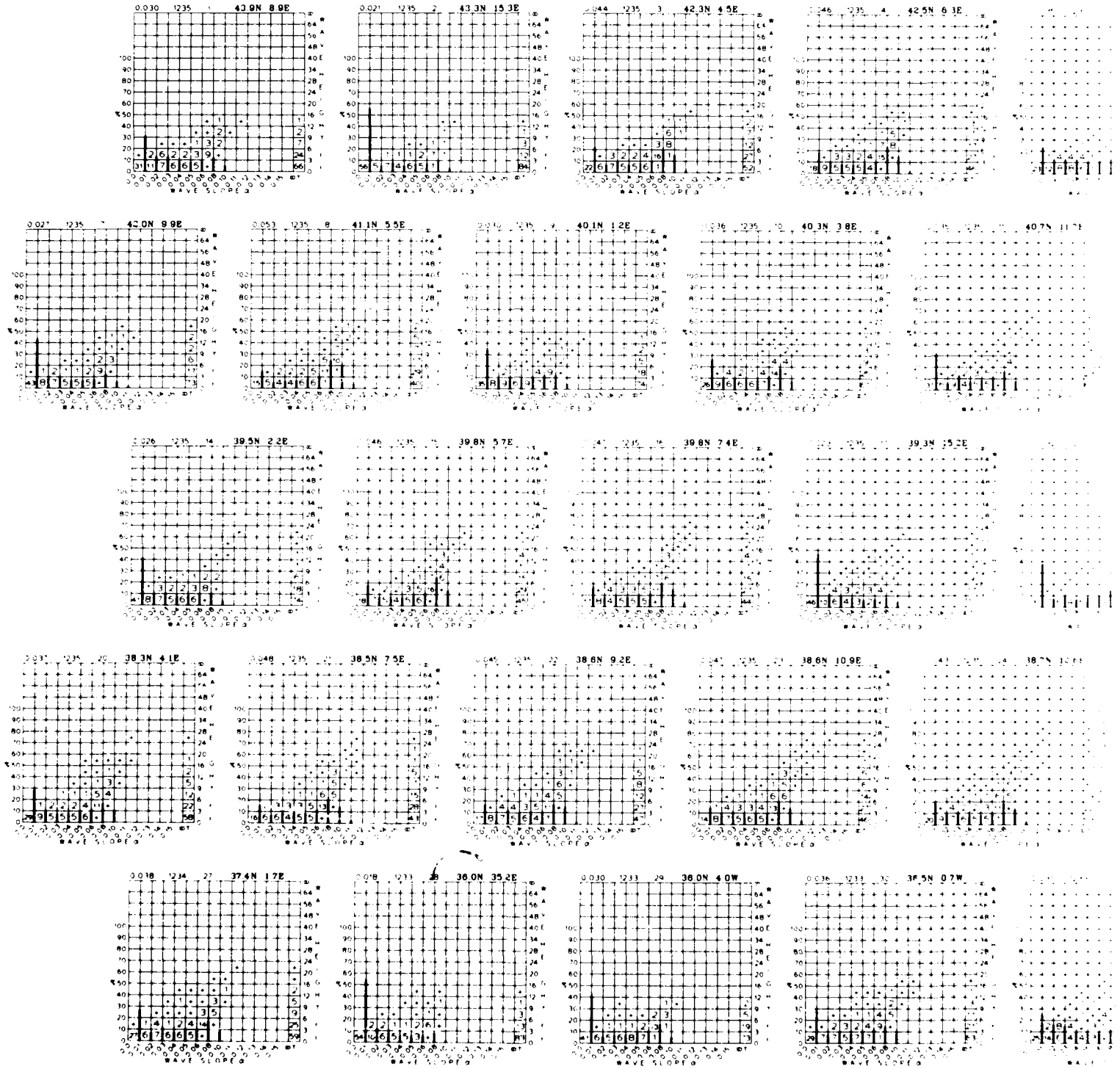
95 A

SLOPE (α) (Cont'd) FEBRUARY

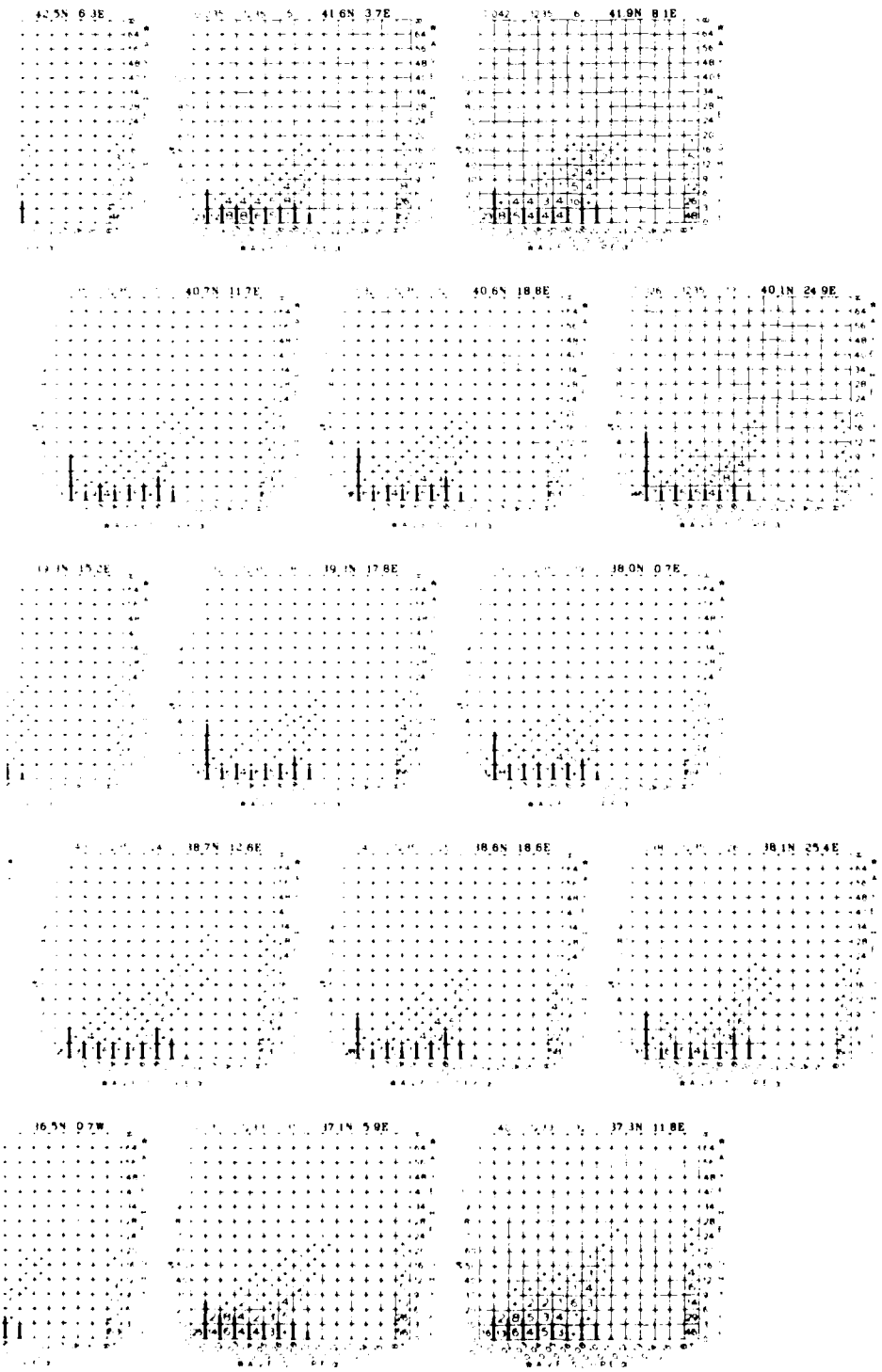


MARCH

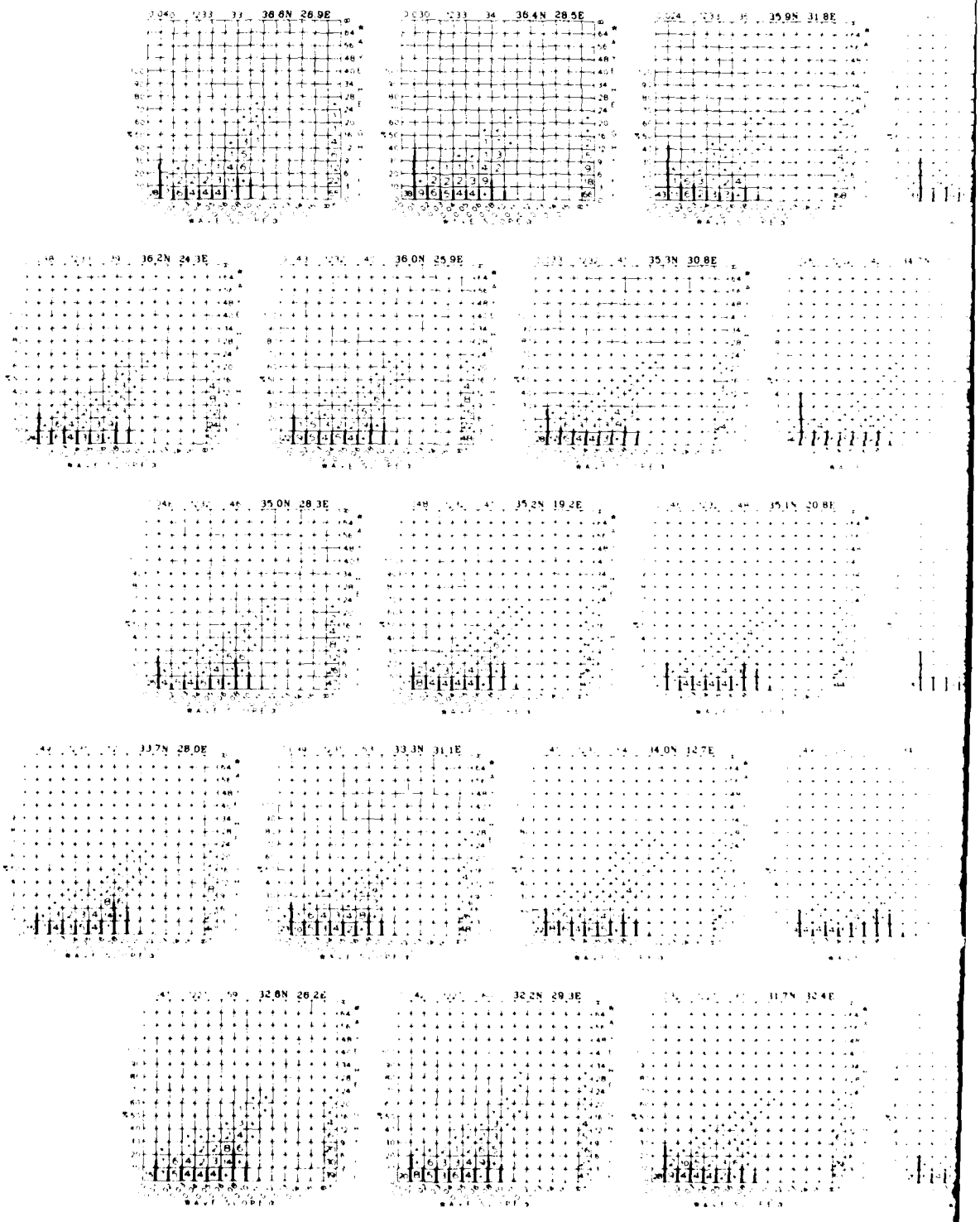
WAVE HEIG



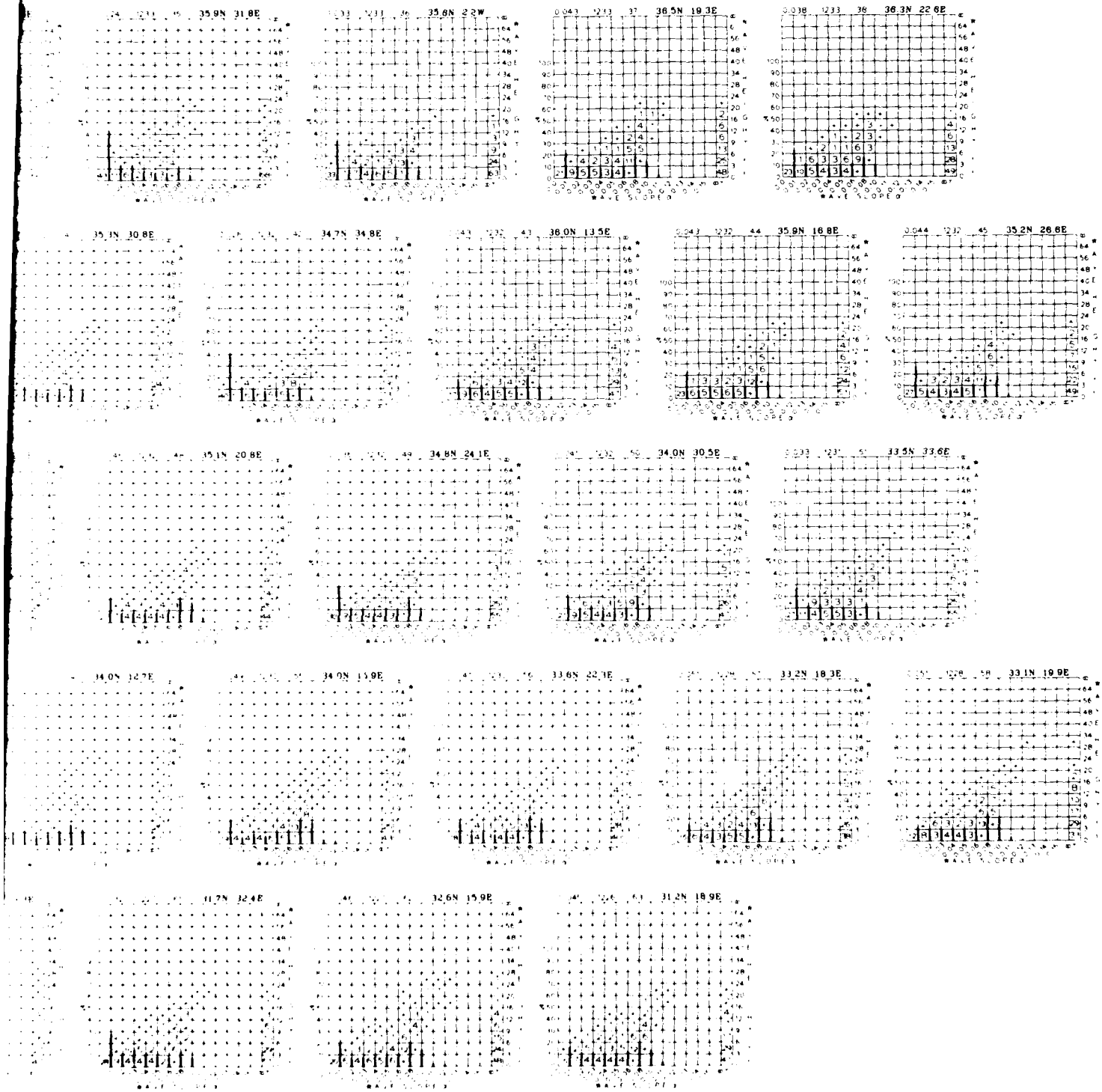
WAVE HEIGHT AND WAVE SLOPE (α)

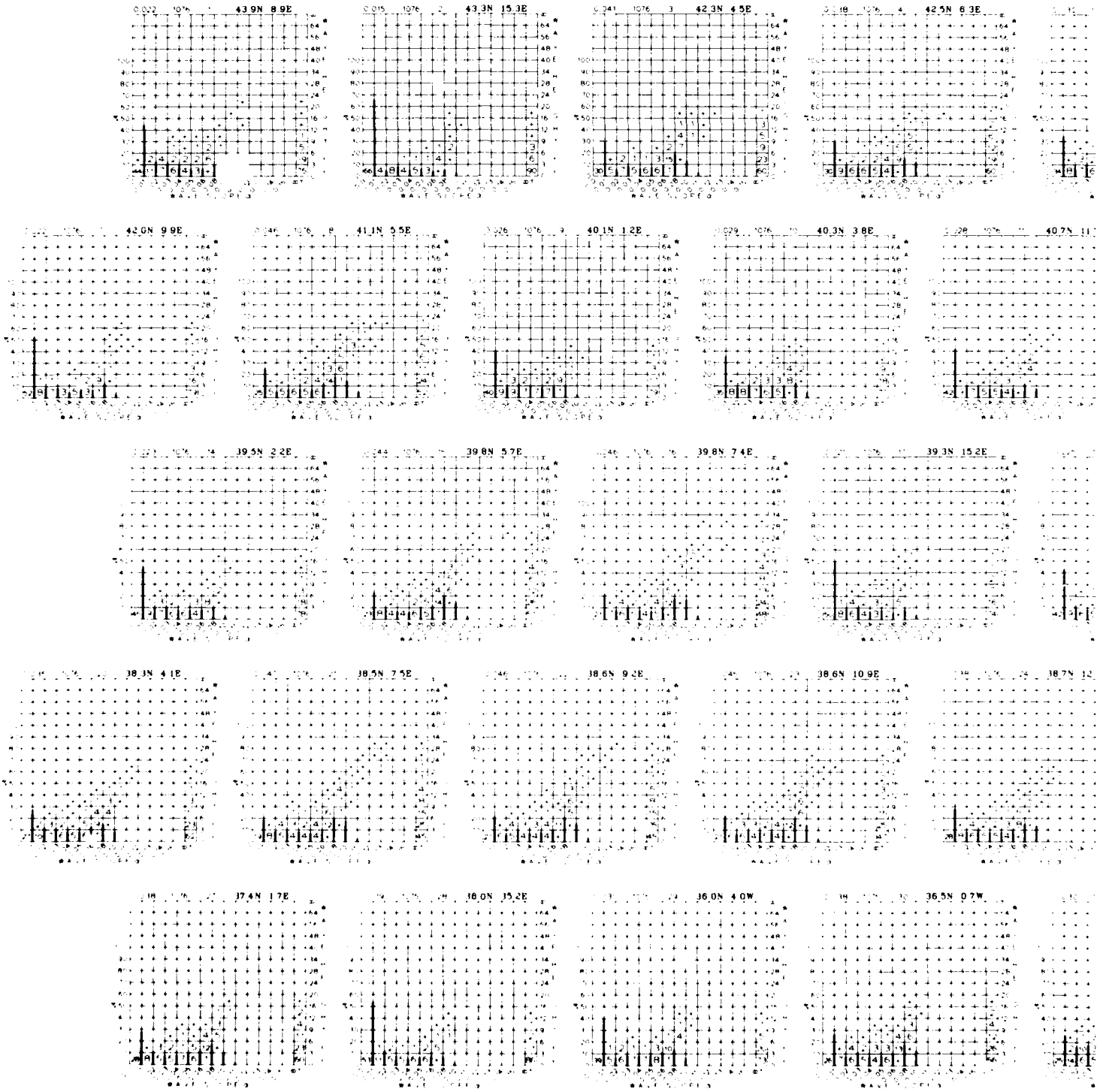


WAVE HEIGHT AND WAVE SLOPE (a) (Cont'd)

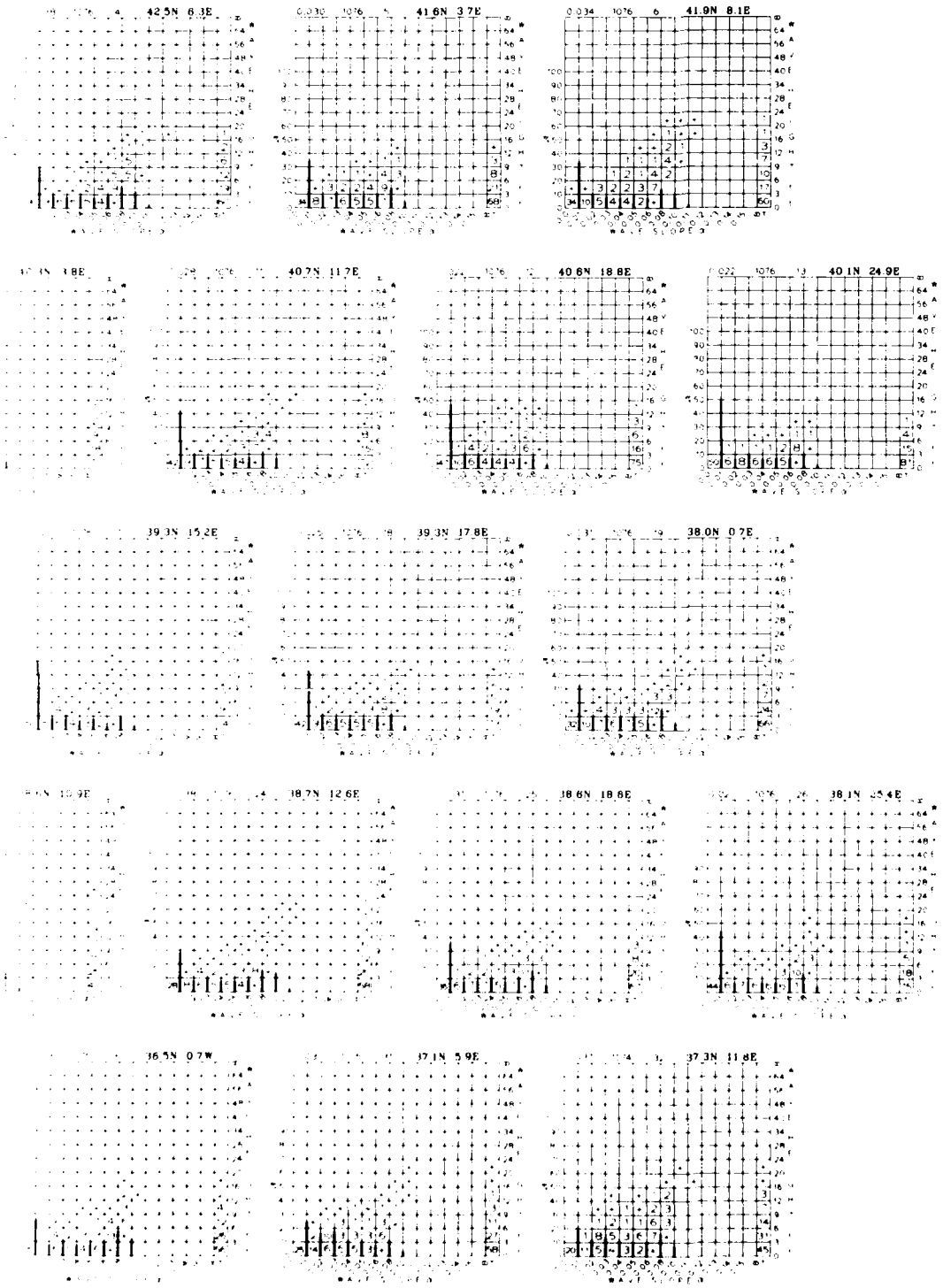


SLOPE (α) (Cont'd) MARCH

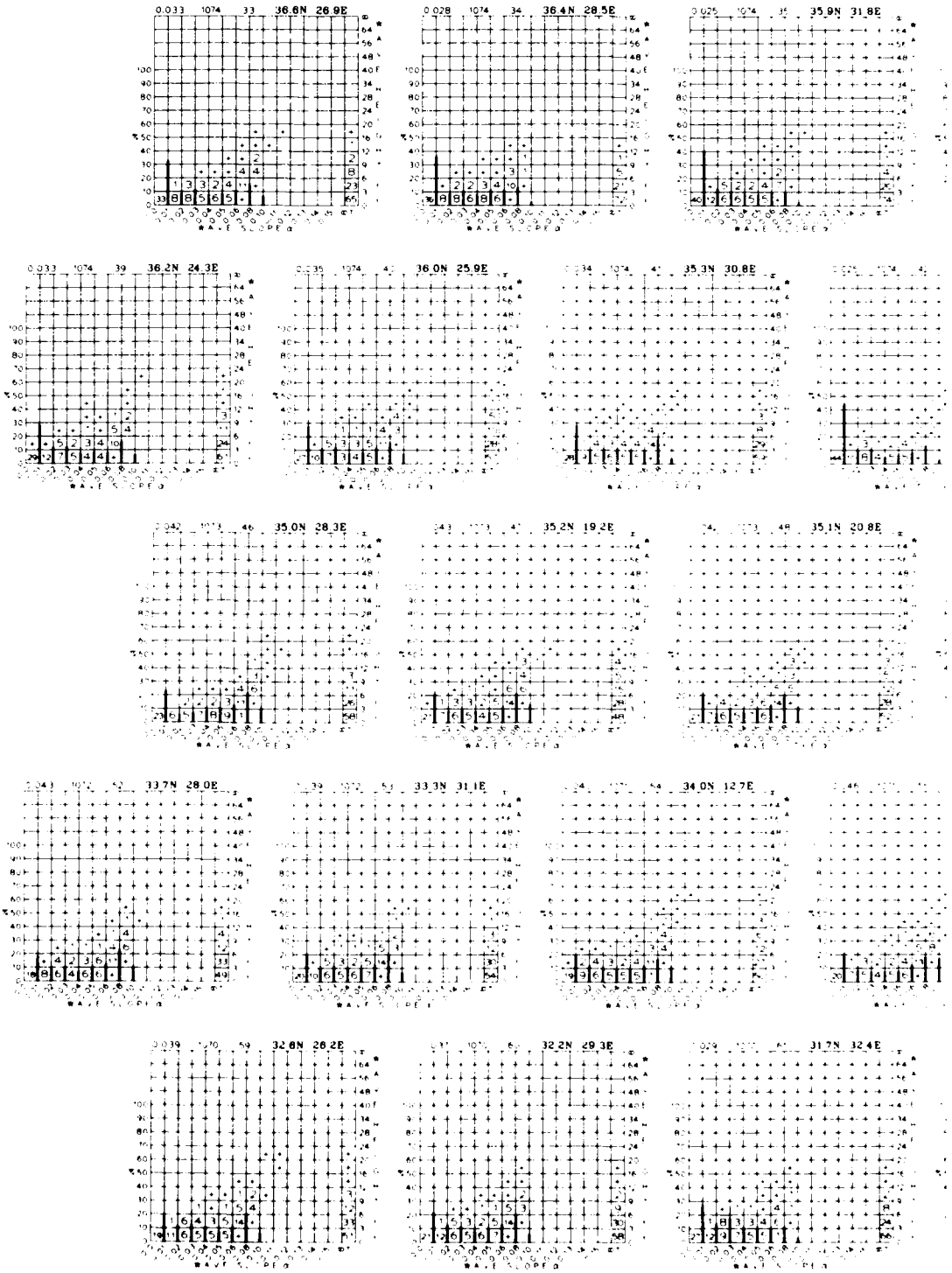



43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
42.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
39.5N 2.2E
39.8N 5.7E
39.8N 7.4E
39.3N 15.2E
38.3N 4.1E
38.5N 7.5E
38.6N 9.2E
38.6N 10.9E
37.4N 1.7E
36.0N 15.2E
36.0N 4.0W
36.5N 0.7W

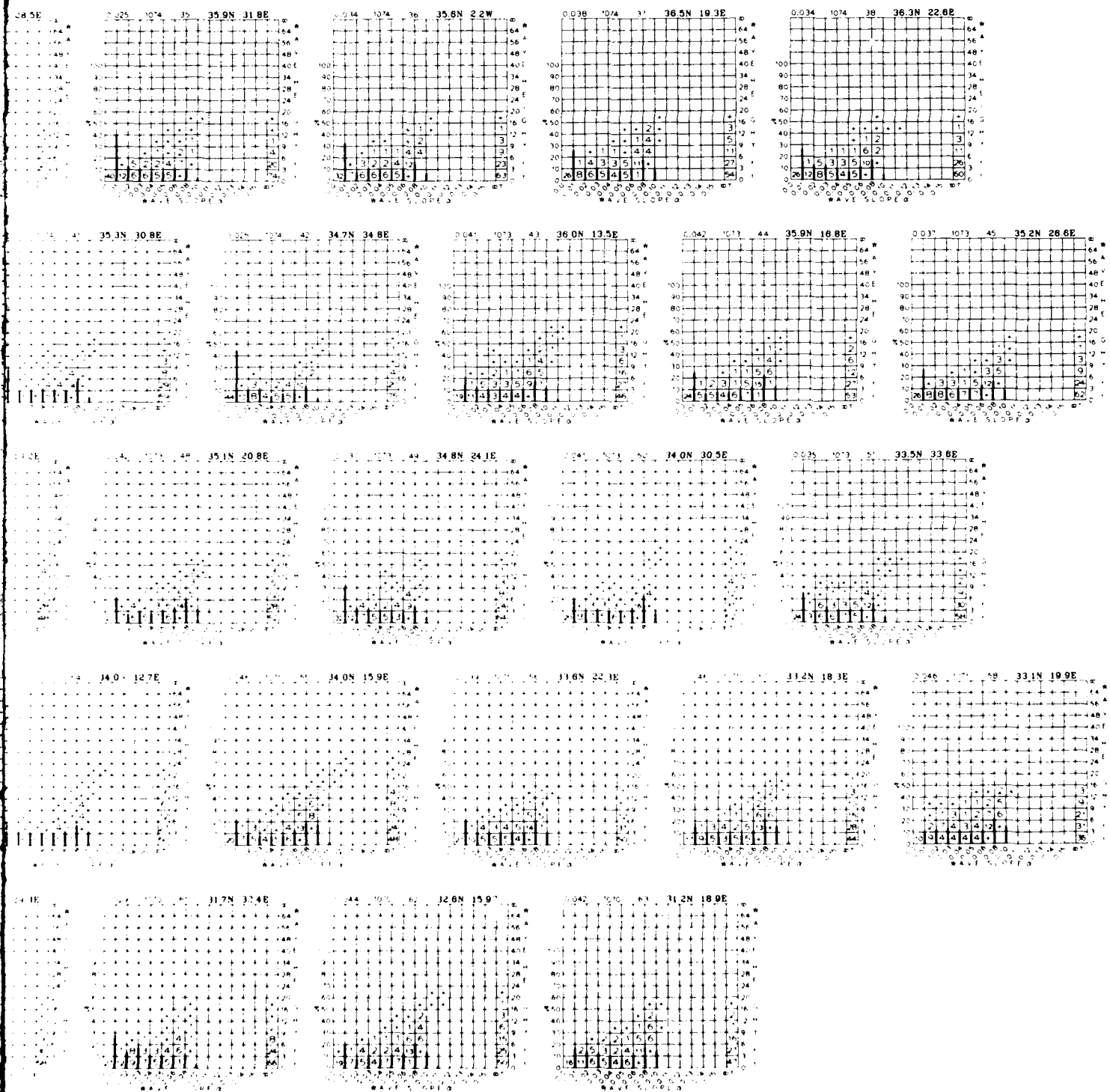
WAVE HEIGHT AND WAVE SLOPE (α)



WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd

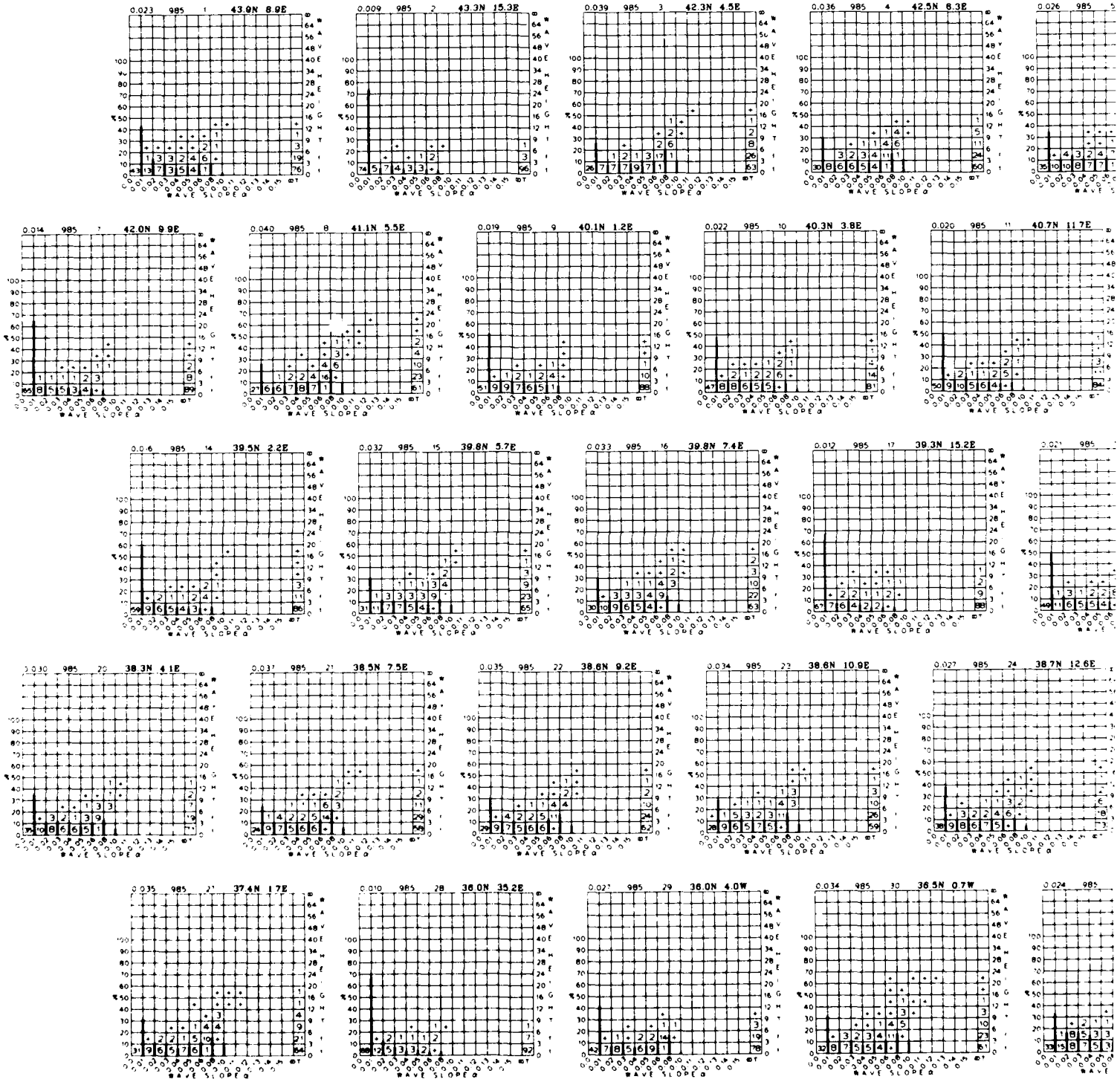


E SLOPE (α) (Cont'd) APRIL

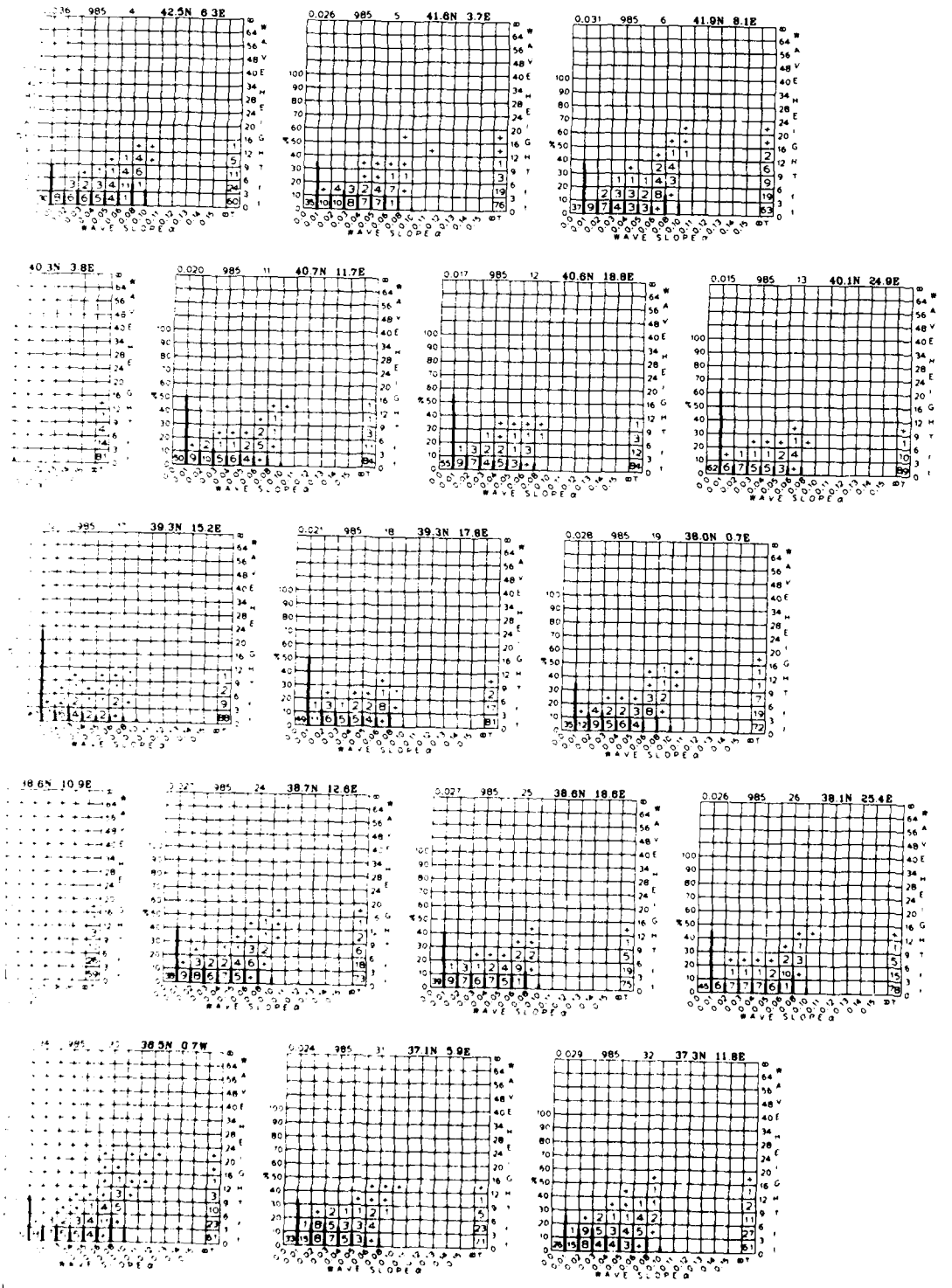


MAY

WAVE HEIG

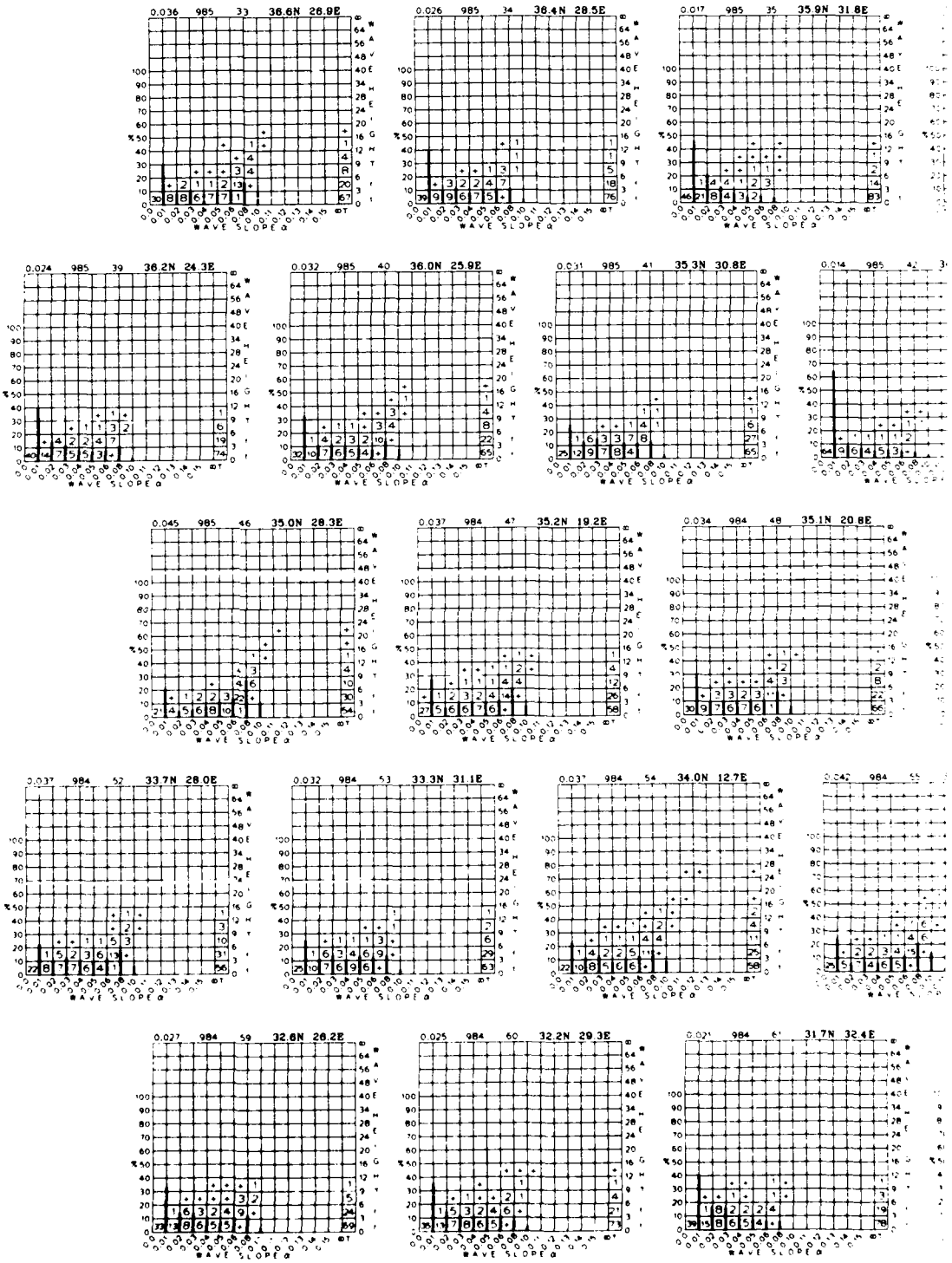


WAVE HEIGHT AND WAVE SLOPE (α)



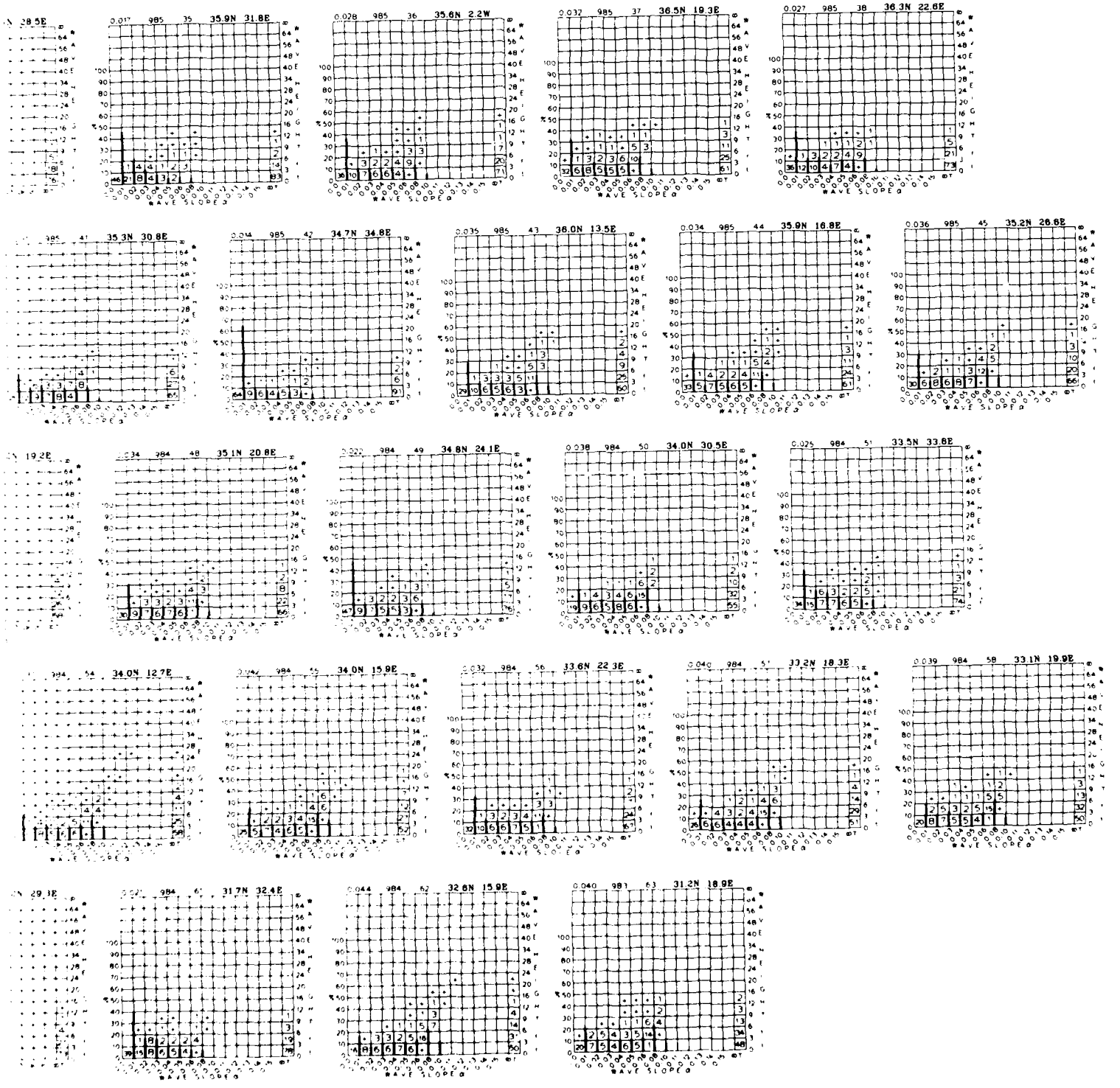
100B

WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd



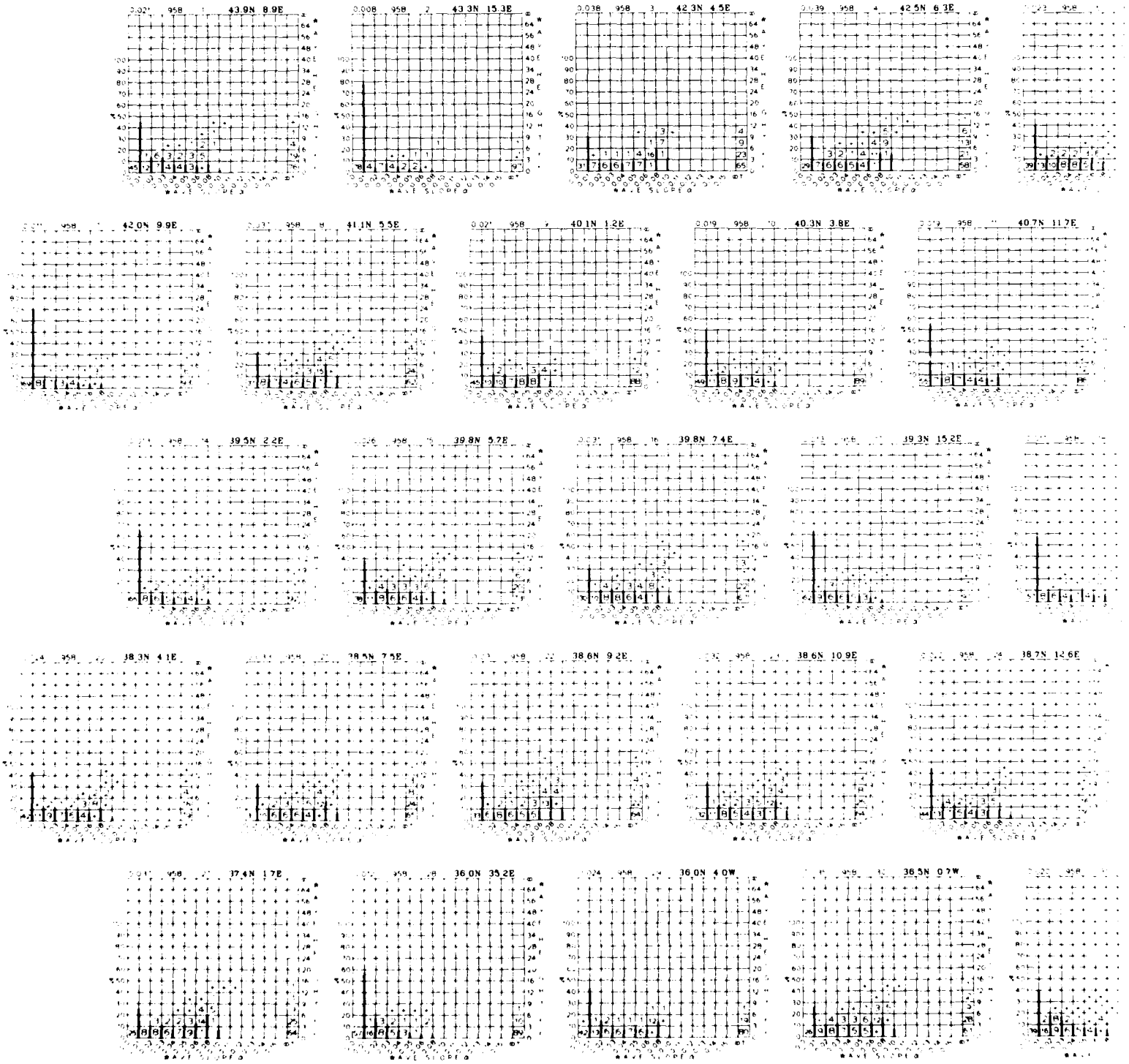
E SLOPE (α) (Cont'd)

MAY

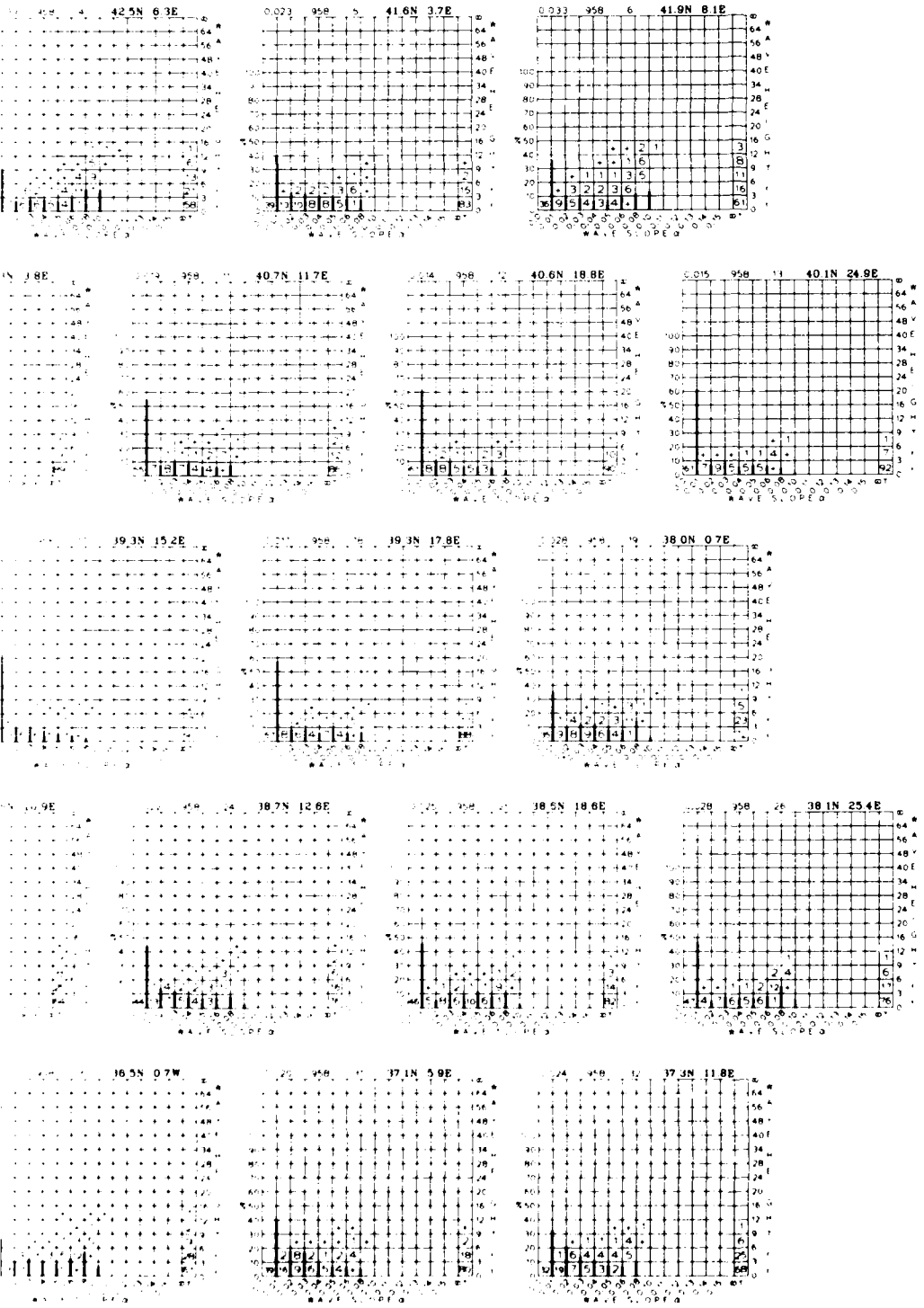


JUNE

WAVE HEIGH

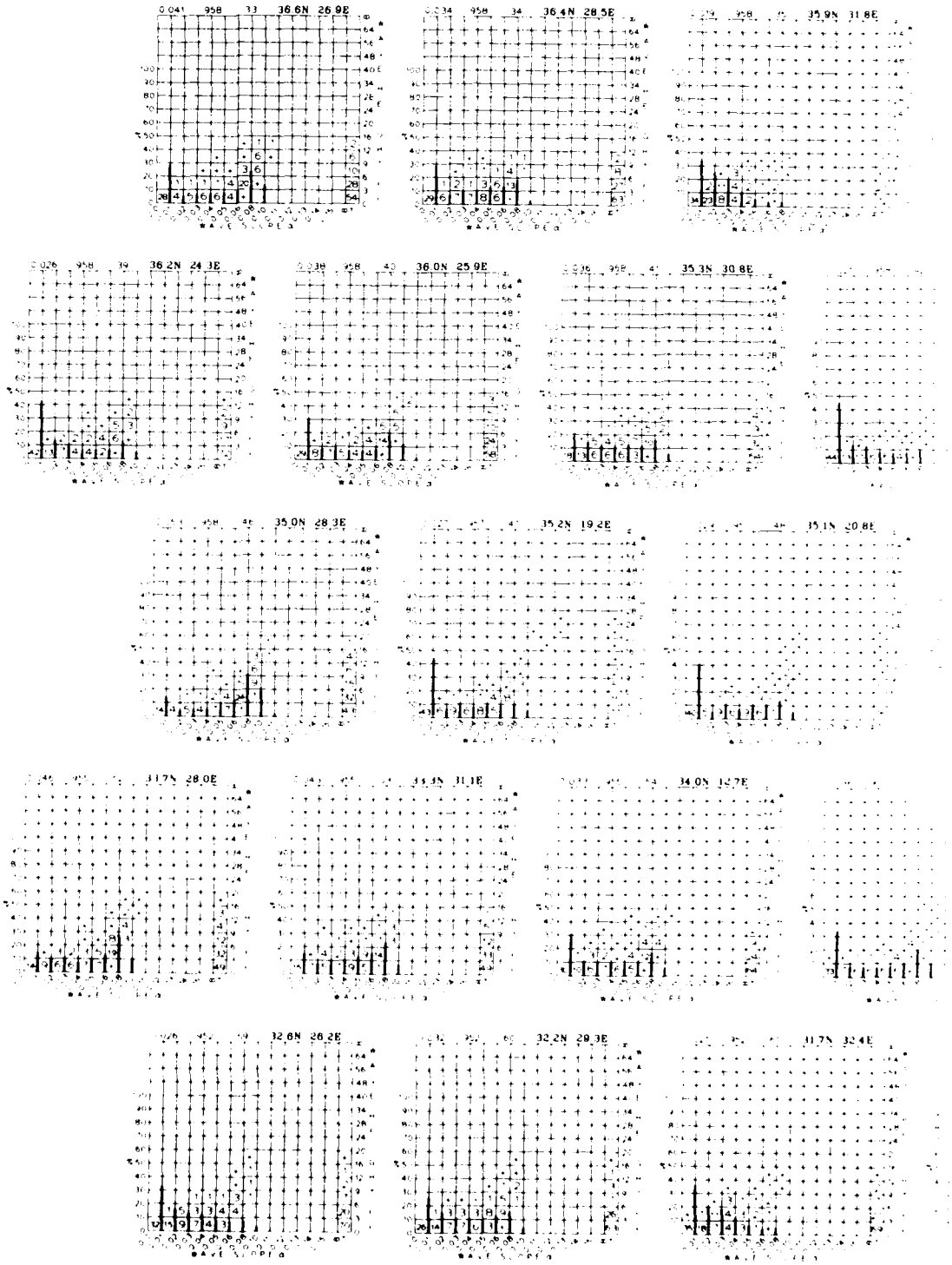


WAVE HEIGHT AND WAVE SLOPE (α)

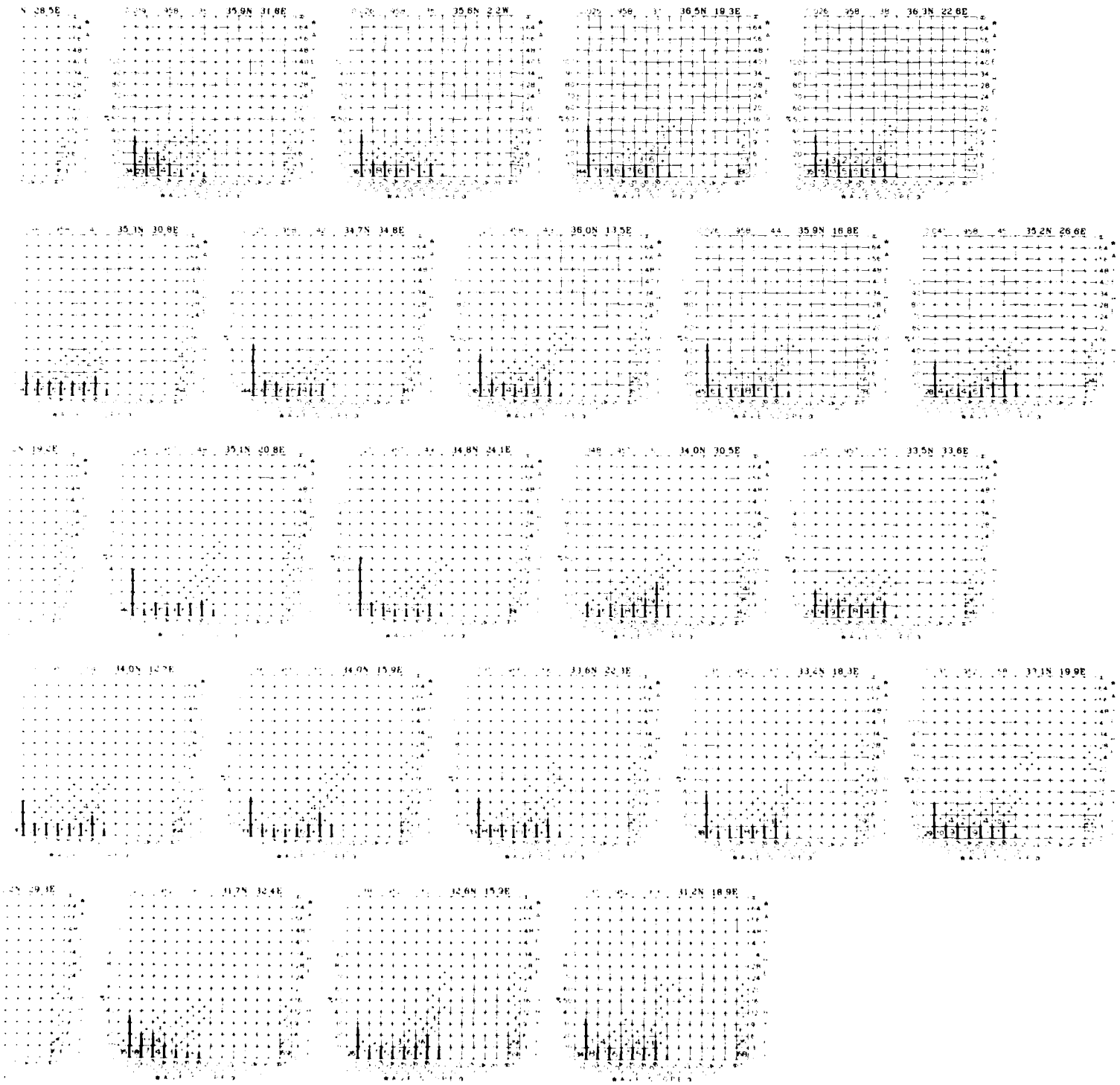


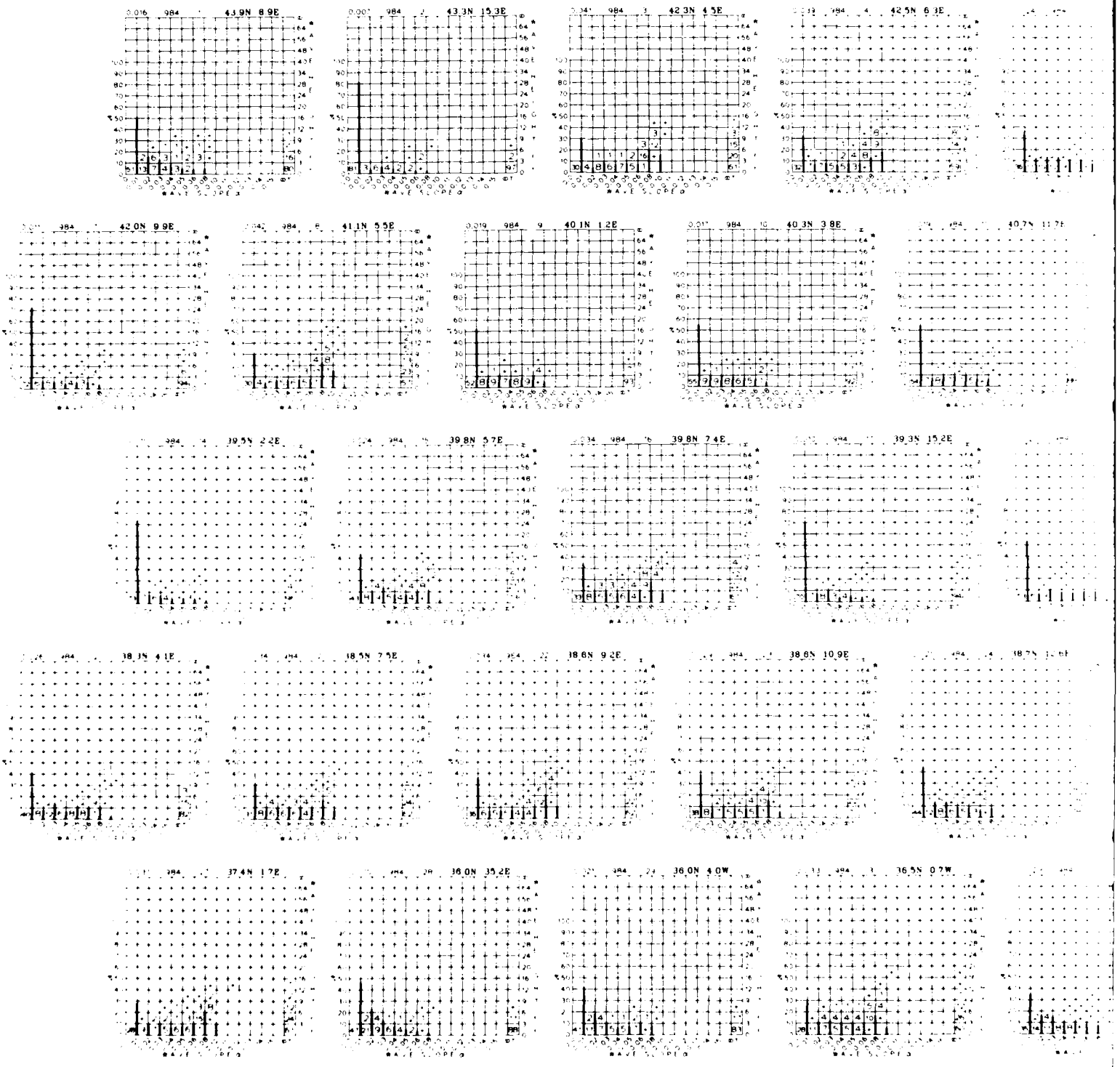
102B

WAVE HEIGHT AND WAVE SLOPE (α) (Cont'

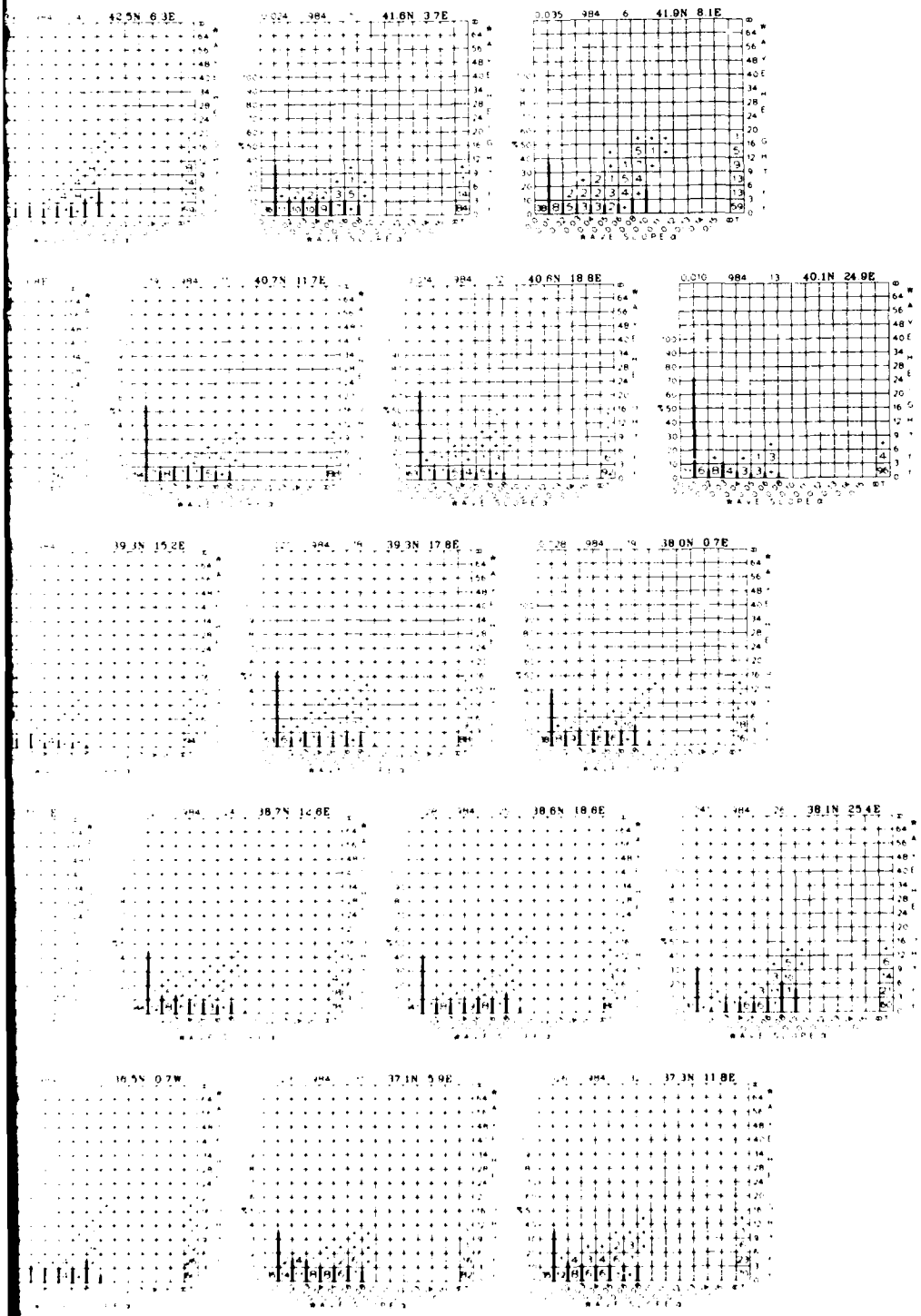


E SLOPE (α) (Cont'd) JUNE

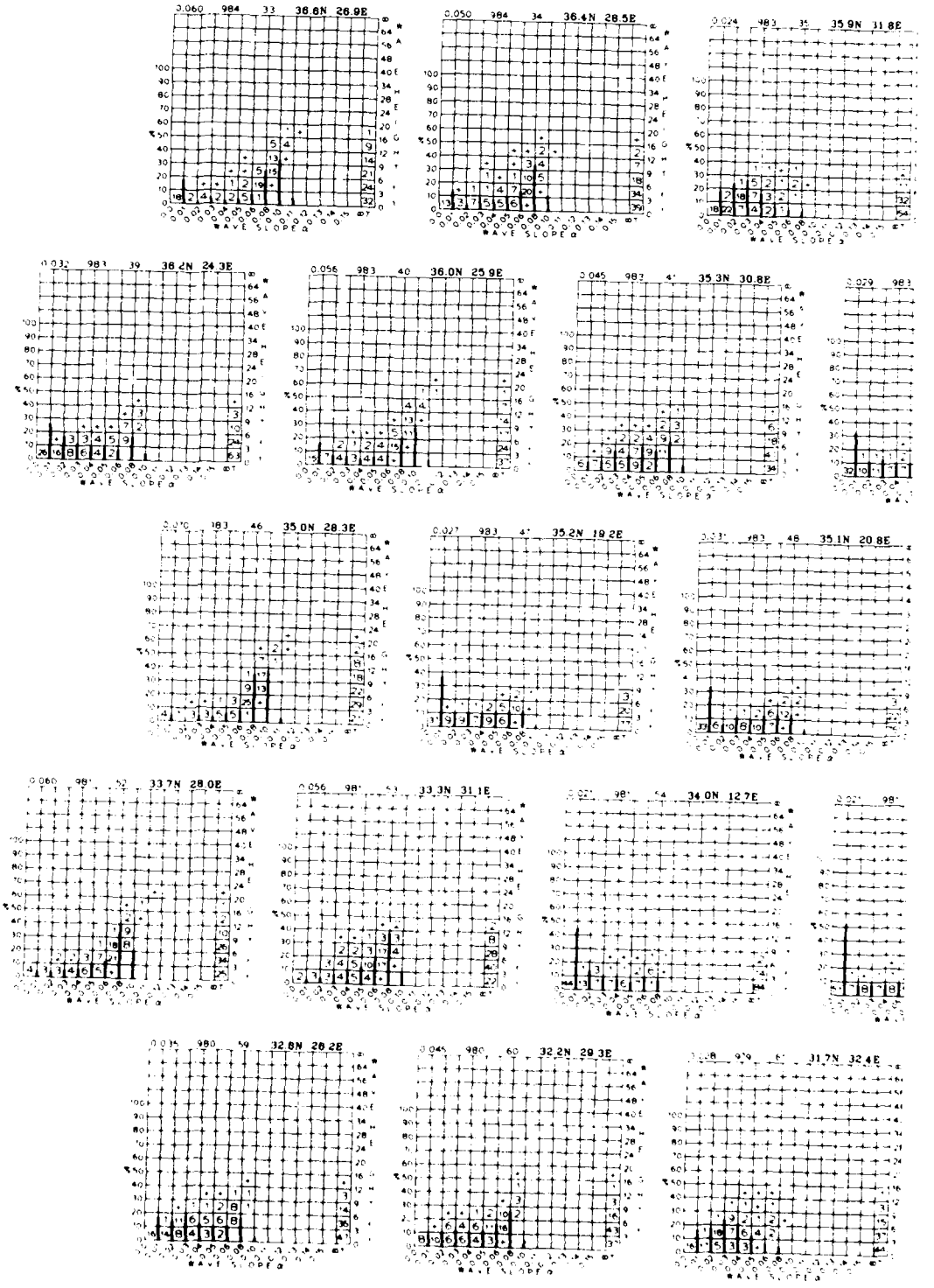



43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
42.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
39.5N 2.2E
39.8N 5.7E
39.8N 7.4E
39.3N 15.2E
38.3N 4.1E
38.5N 7.5E
38.6N 9.2E
38.6N 10.9E
37.4N 1.7E
36.0N 35.2E
36.0N 4.0W
36.5N 0.7W

WAVE HEIGHT AND WAVE SLOPE (α)

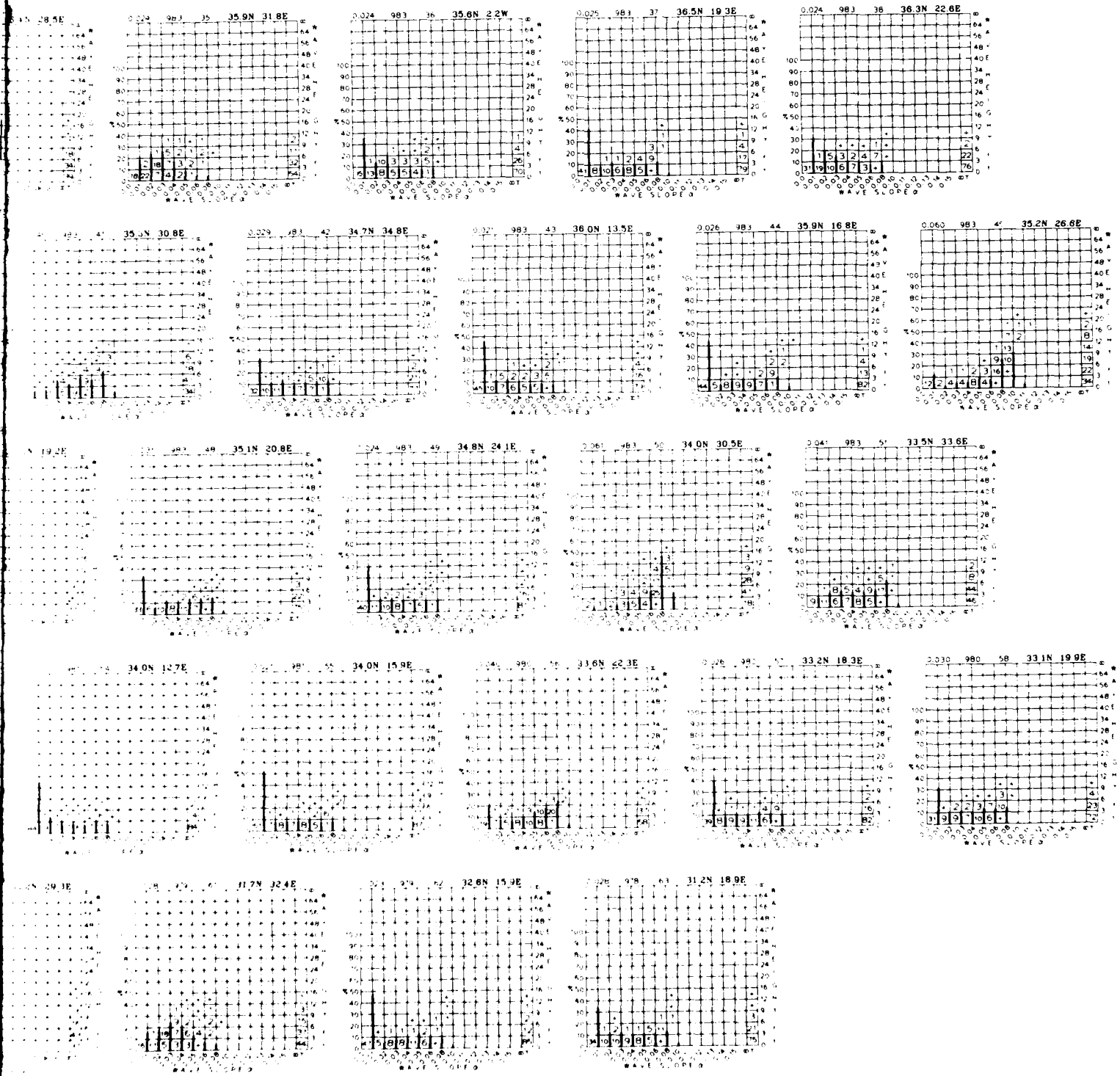


WAVE HEIGHT AND WAVE SLOPE (α) (Co



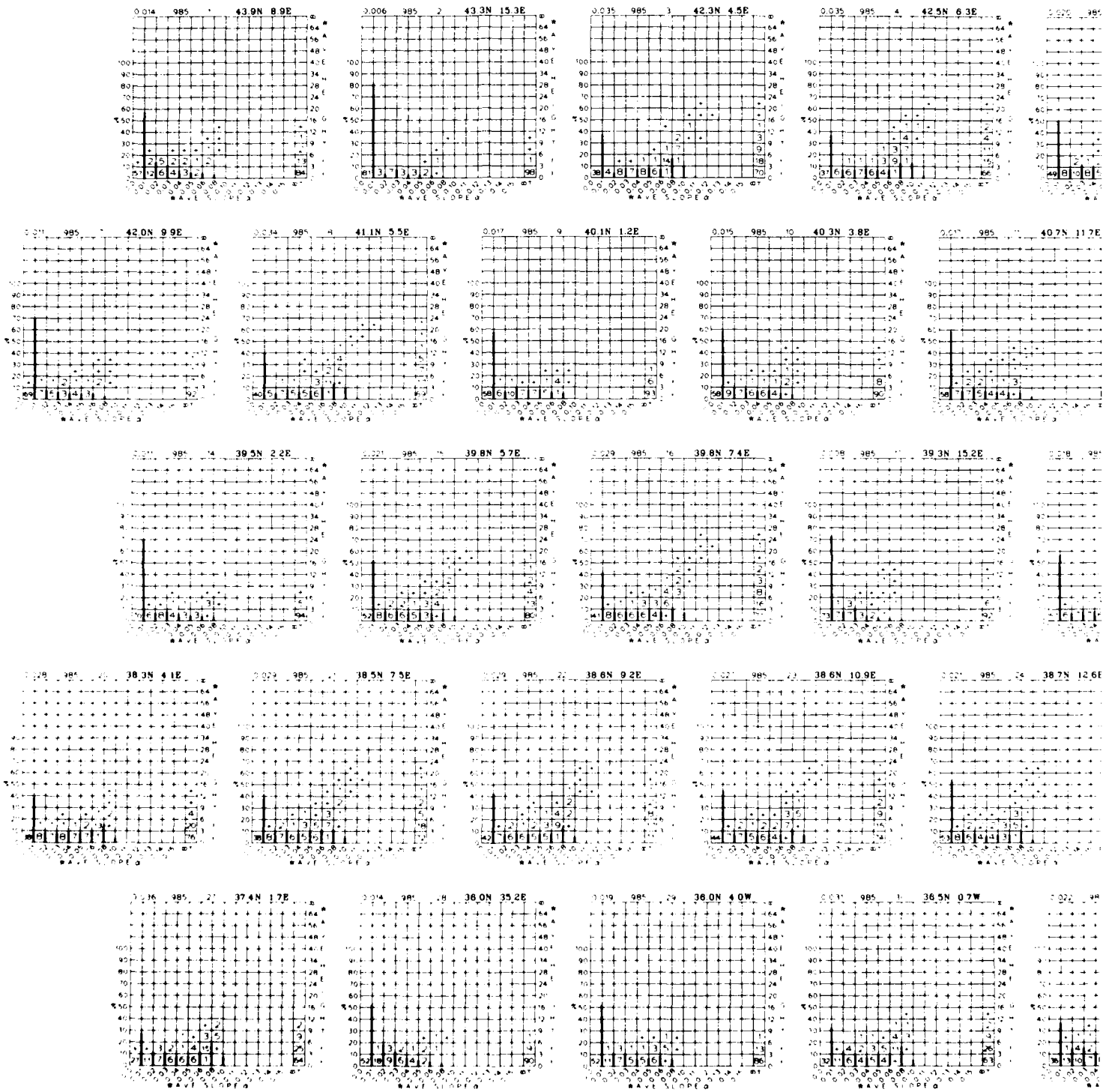
VE SLOPE (α) (Cont'd)

JULY

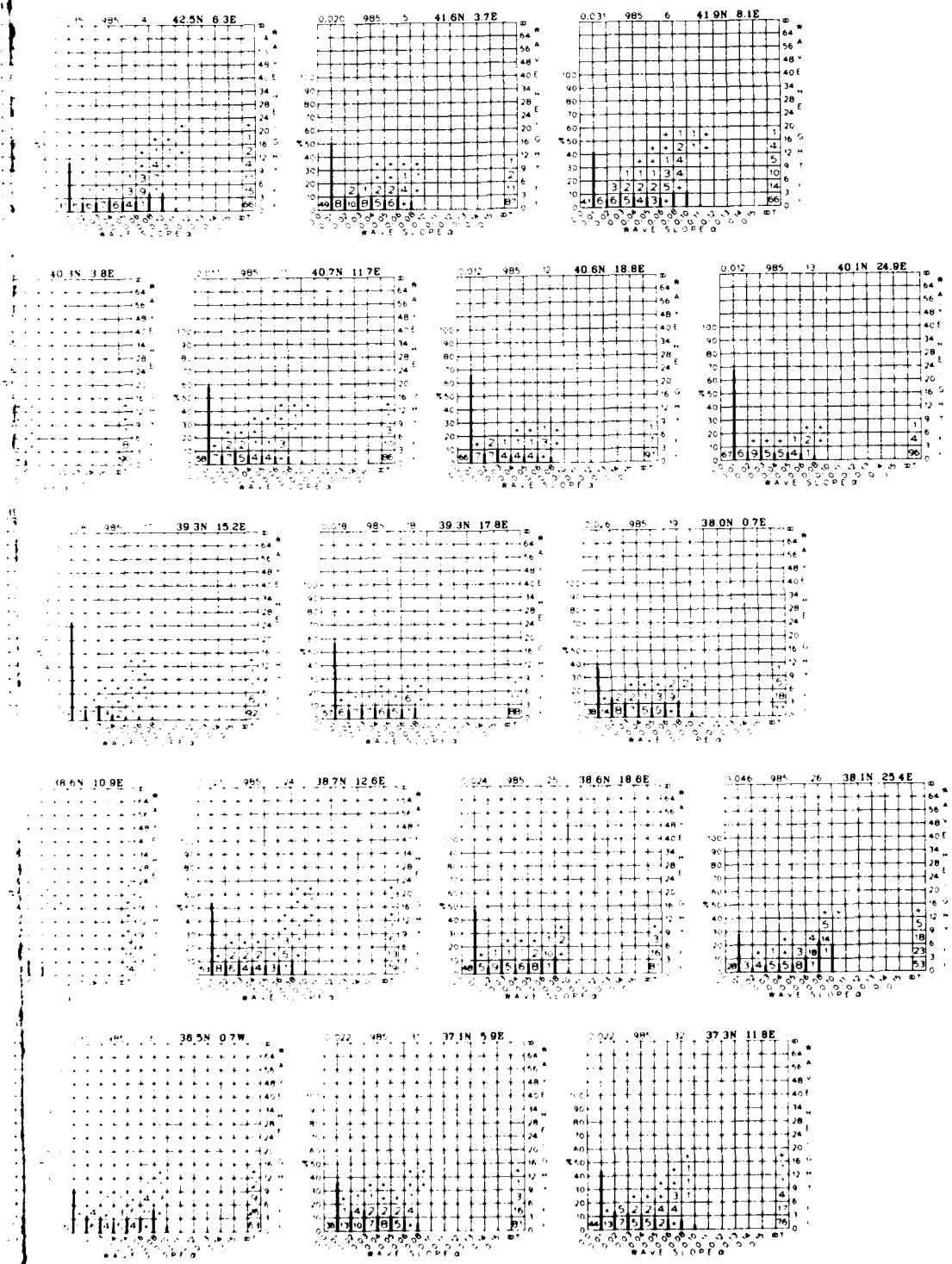


AUGUST

WAVE HEI

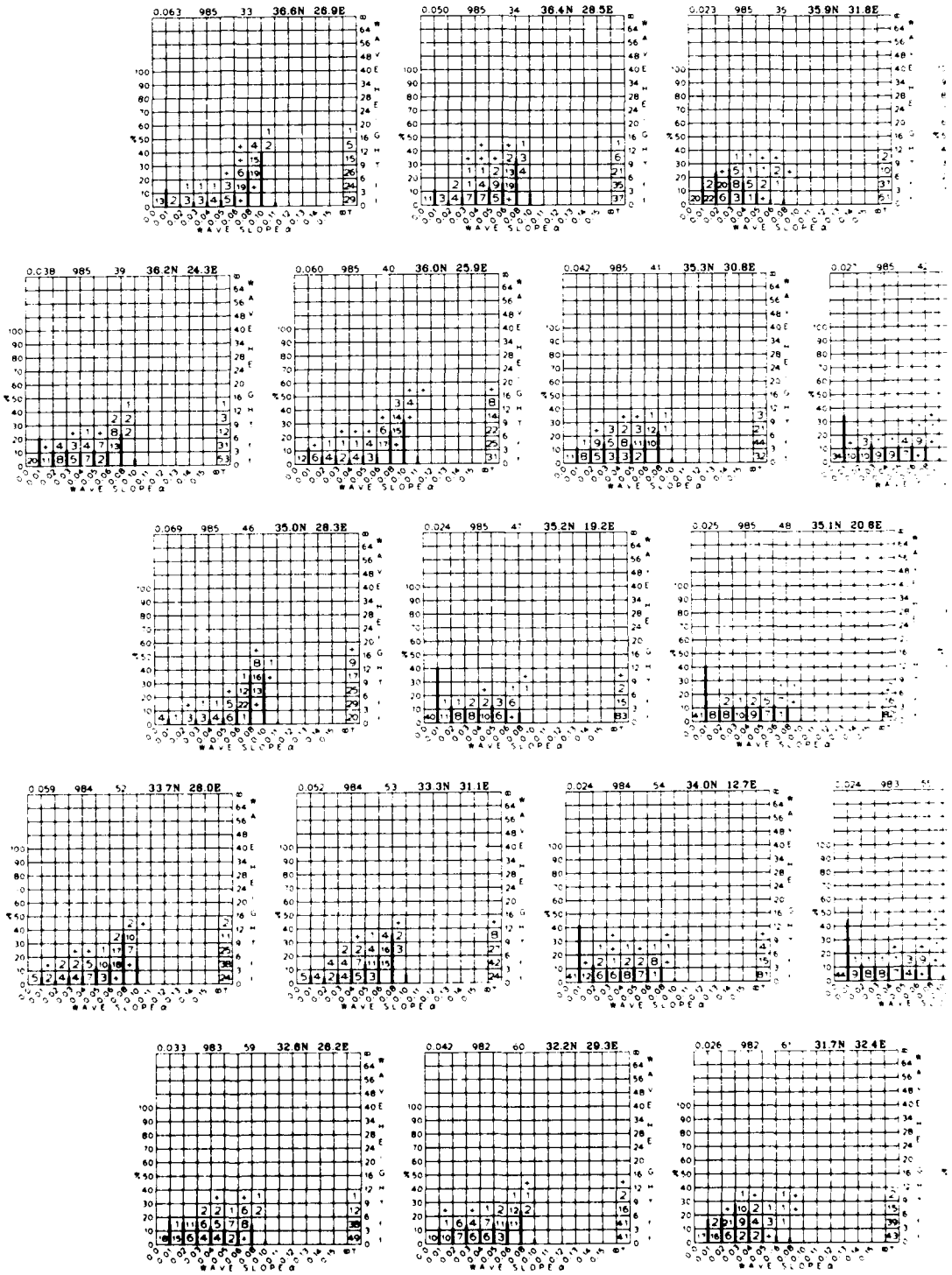


WAVE HEIGHT AND WAVE SLOPE (α)



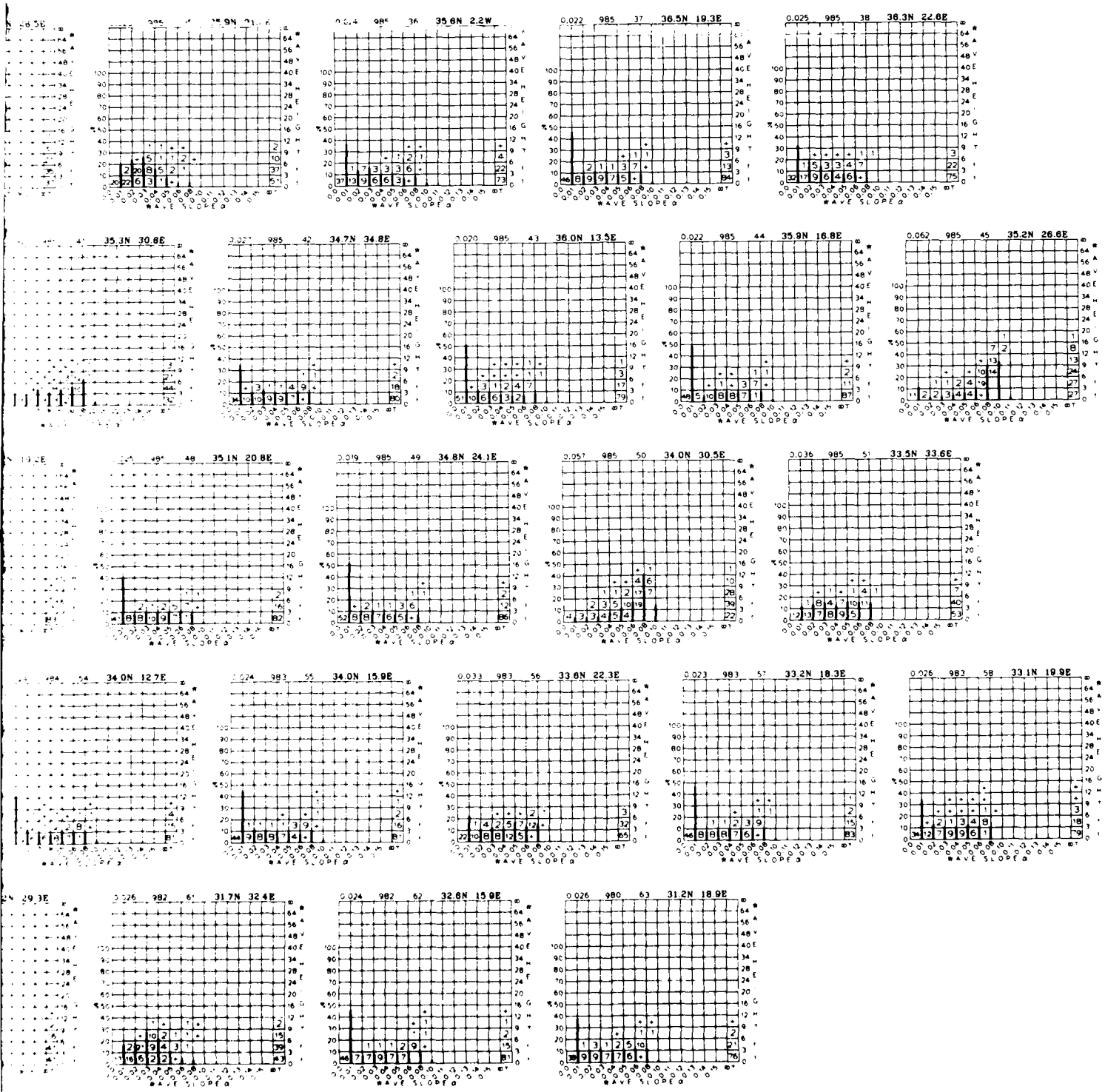
106B

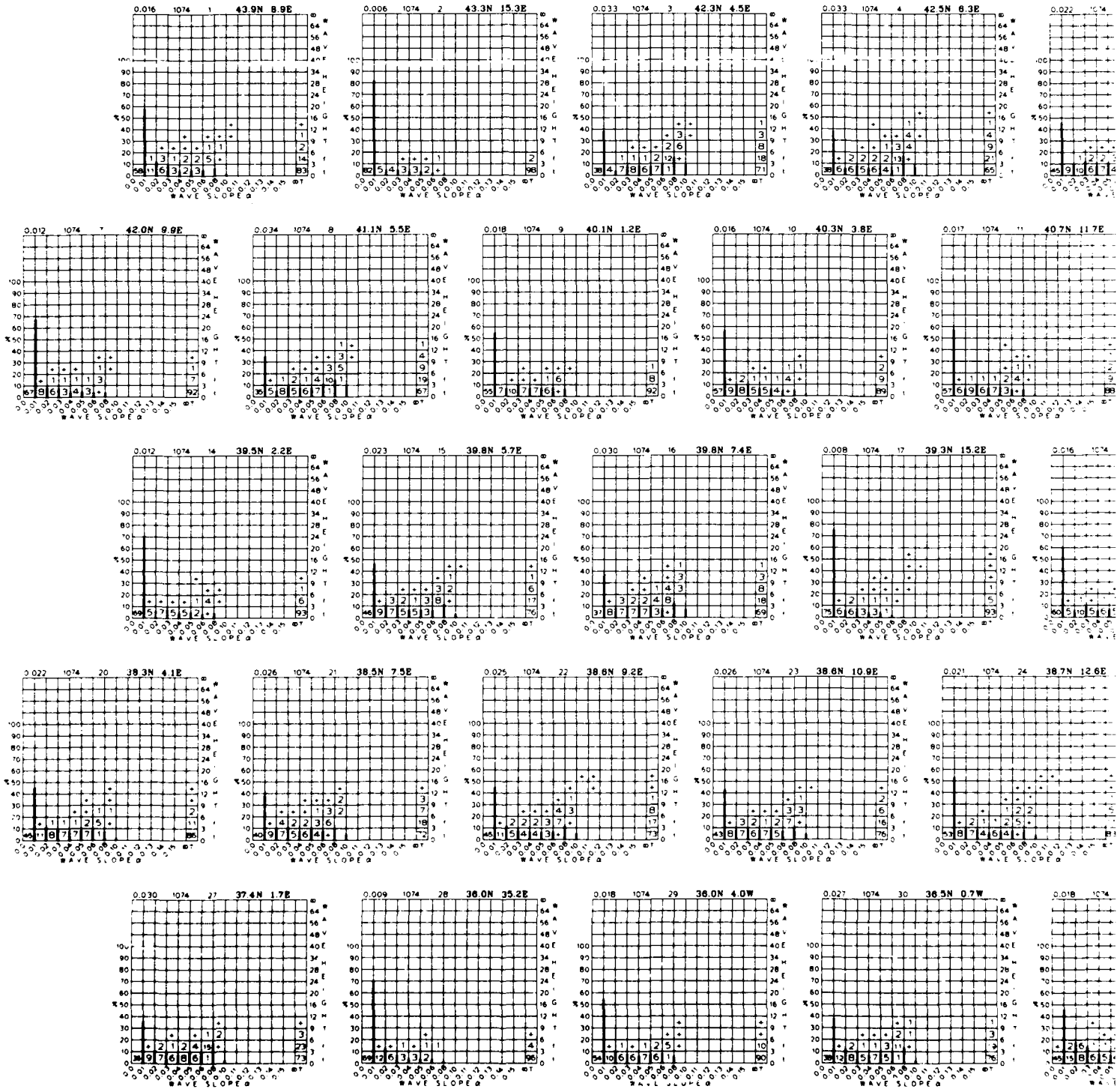
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



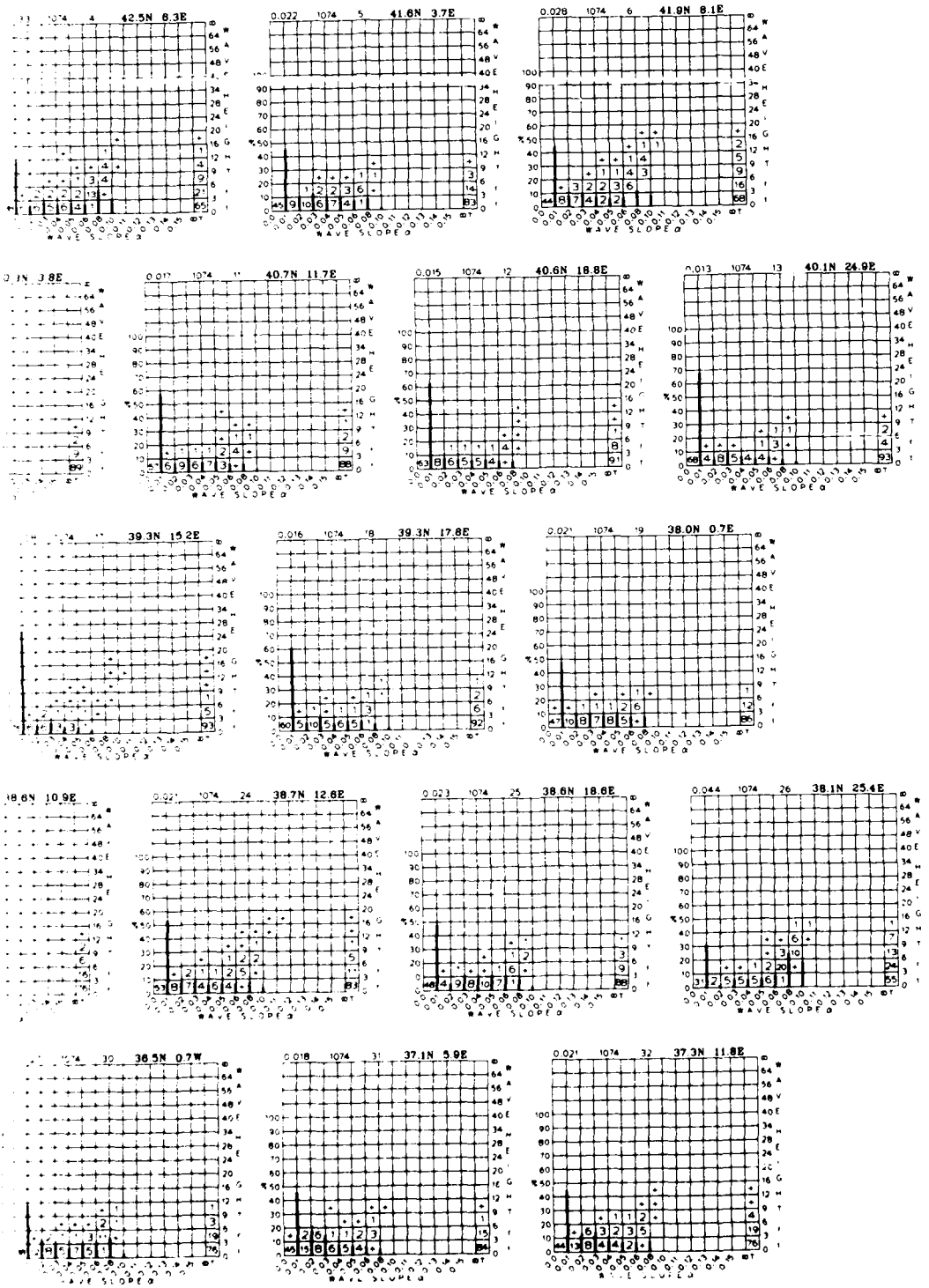
E SLOPE (α) (Cont'd)

AUGUST



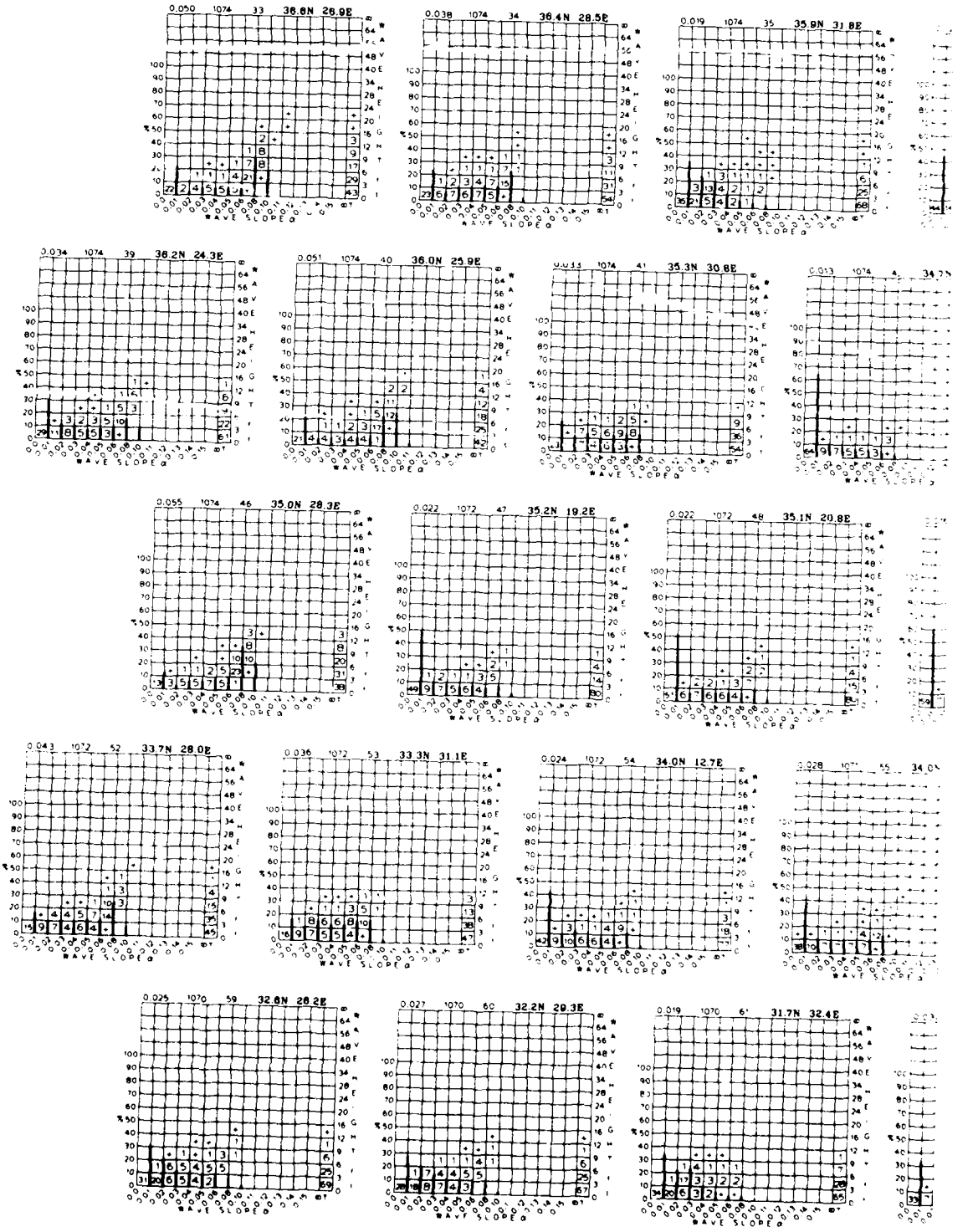

0.016 1074 1 43.9N 8.9E
0.006 1074 2 43.3N 15.3E
0.033 1074 3 42.3N 4.5E
0.033 1074 4 42.5N 8.3E
0.012 1074 7 42.0N 9.9E
0.034 1074 8 41.1N 5.5E
0.018 1074 9 40.1N 1.2E
0.016 1074 10 40.3N 3.8E
0.017 1074 11 40.7N 11.7E
0.012 1074 14 39.5N 2.2E
0.023 1074 15 39.8N 5.7E
0.030 1074 16 39.8N 7.4E
0.008 1074 17 39.3N 15.2E
0.022 1074 20 39.3N 4.1E
0.026 1074 21 38.5N 7.5E
0.025 1074 22 38.6N 9.2E
0.026 1074 23 38.6N 10.9E
0.021 1074 24 38.7N 12.6E
0.030 1074 27 37.4N 1.7E
0.009 1074 28 36.0N 35.2E
0.018 1074 29 36.0N 4.0W
0.027 1074 30 36.5N 0.7W
WAVE SLOPE α

WAVE HEIGHT AND WAVE SLOPE (α)



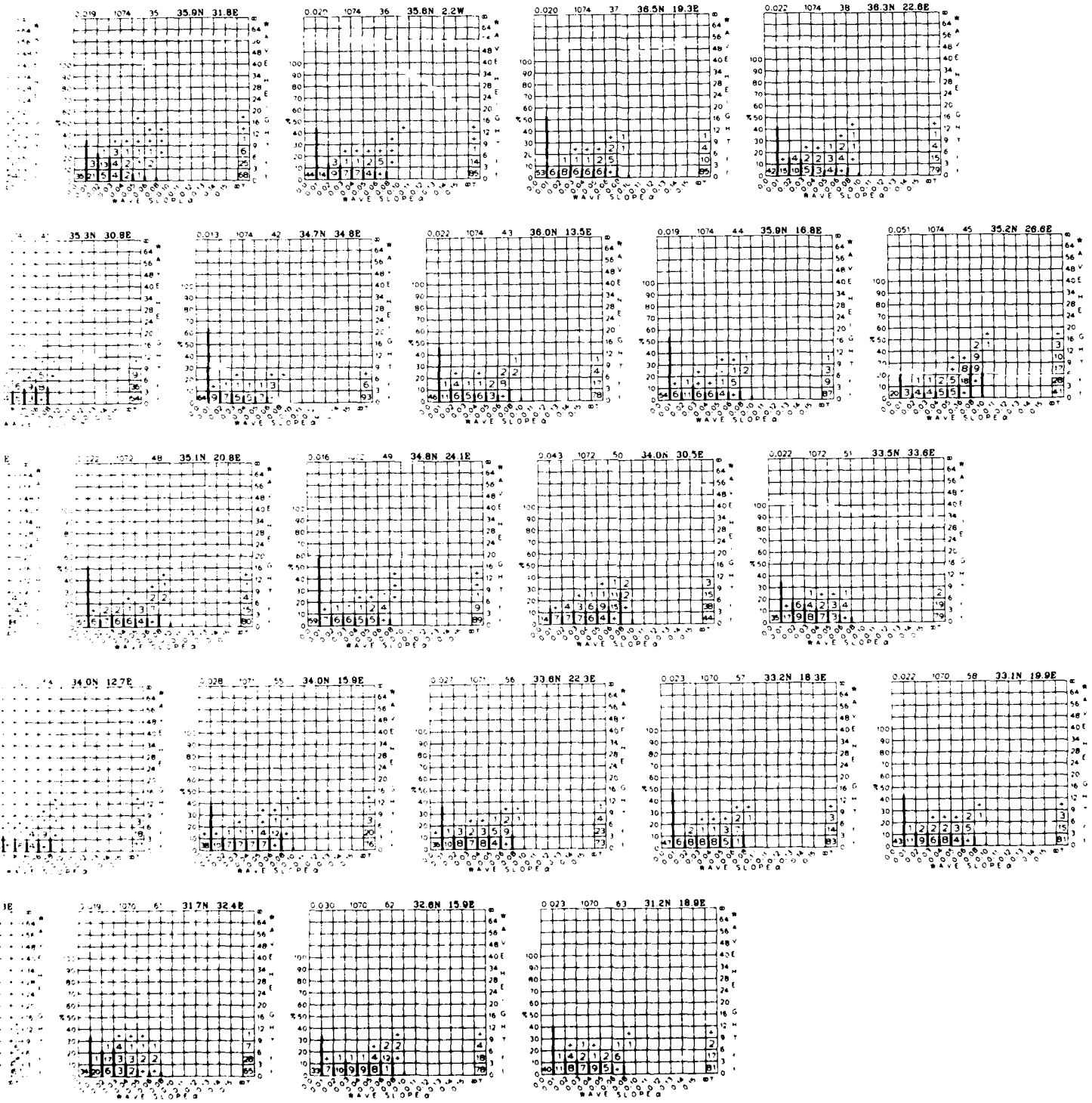
105 B

WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)



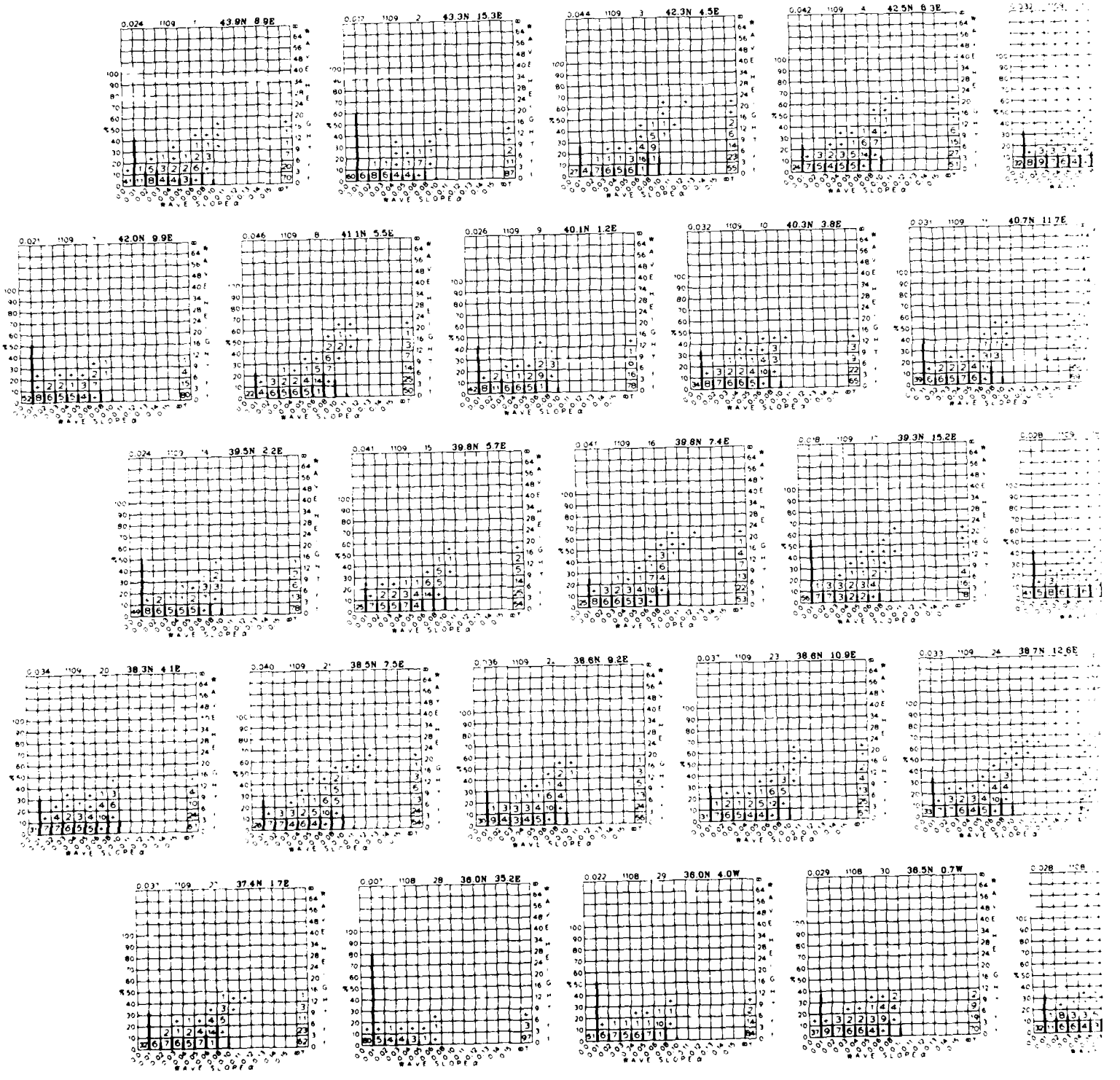
SLOPE (α) (Cont'd)

SEPTEMBER

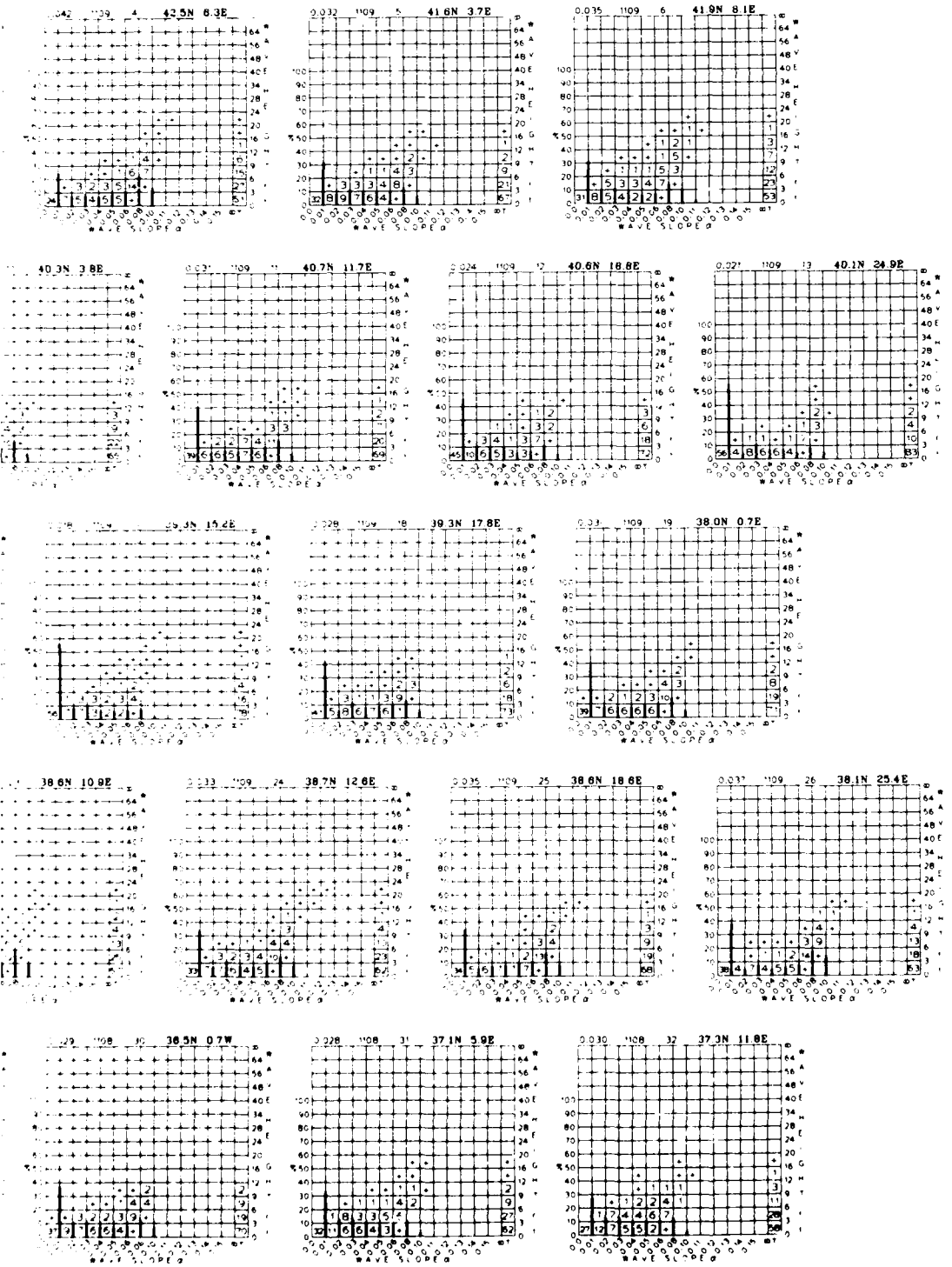


OCTOBER

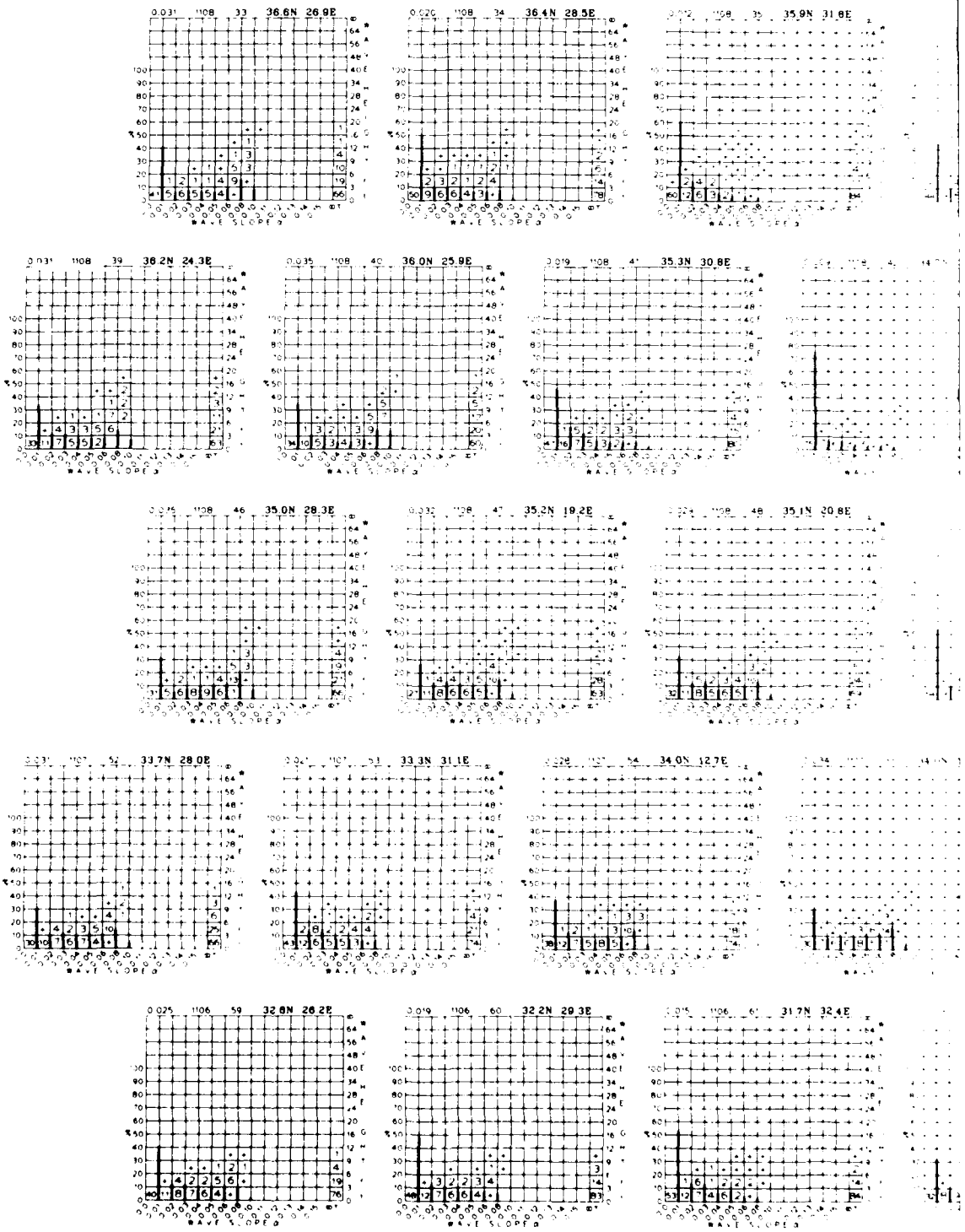
WAVE HEIG



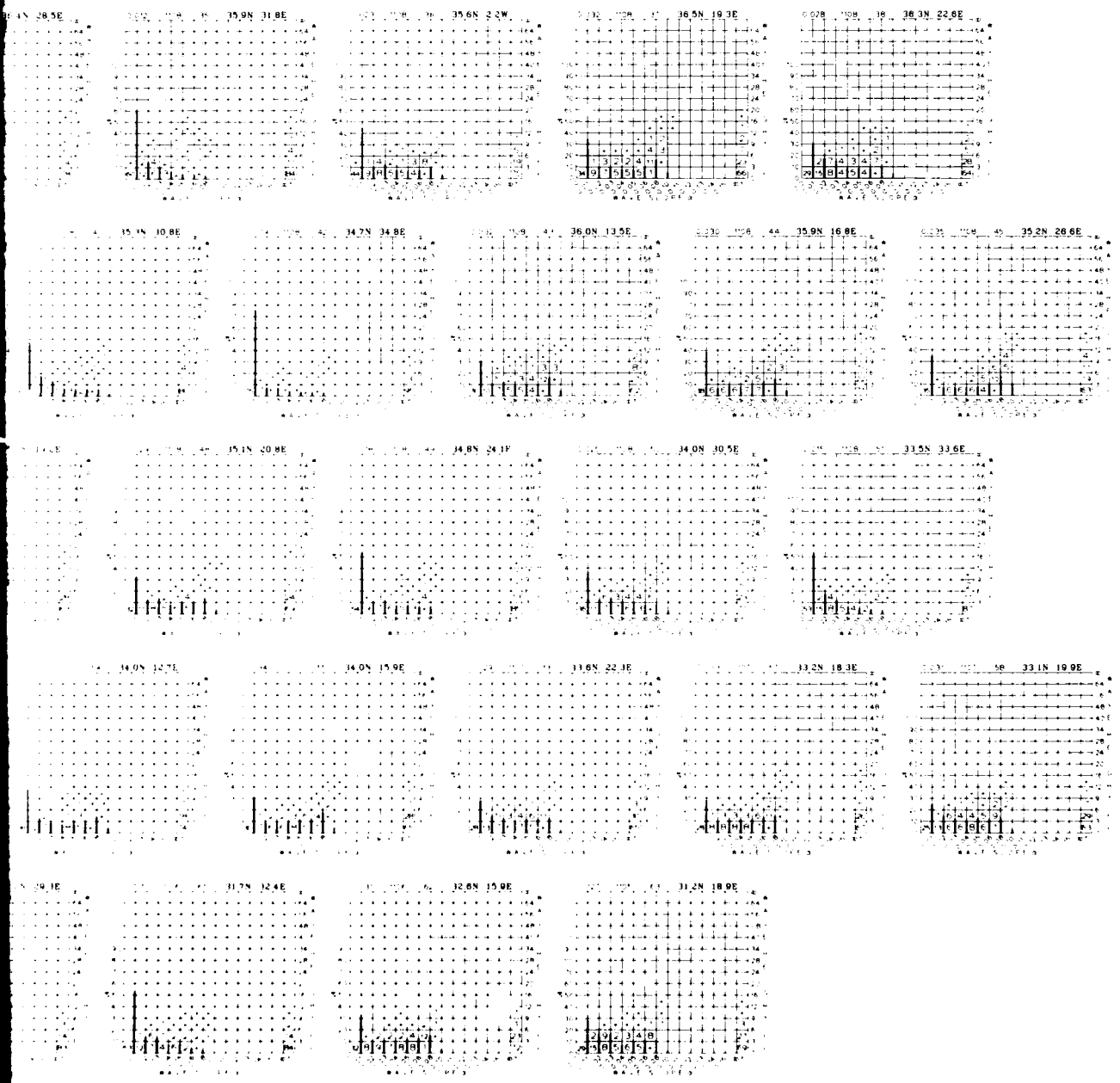
WAVE HEIGHT AND WAVE SLOPE (α)



WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)

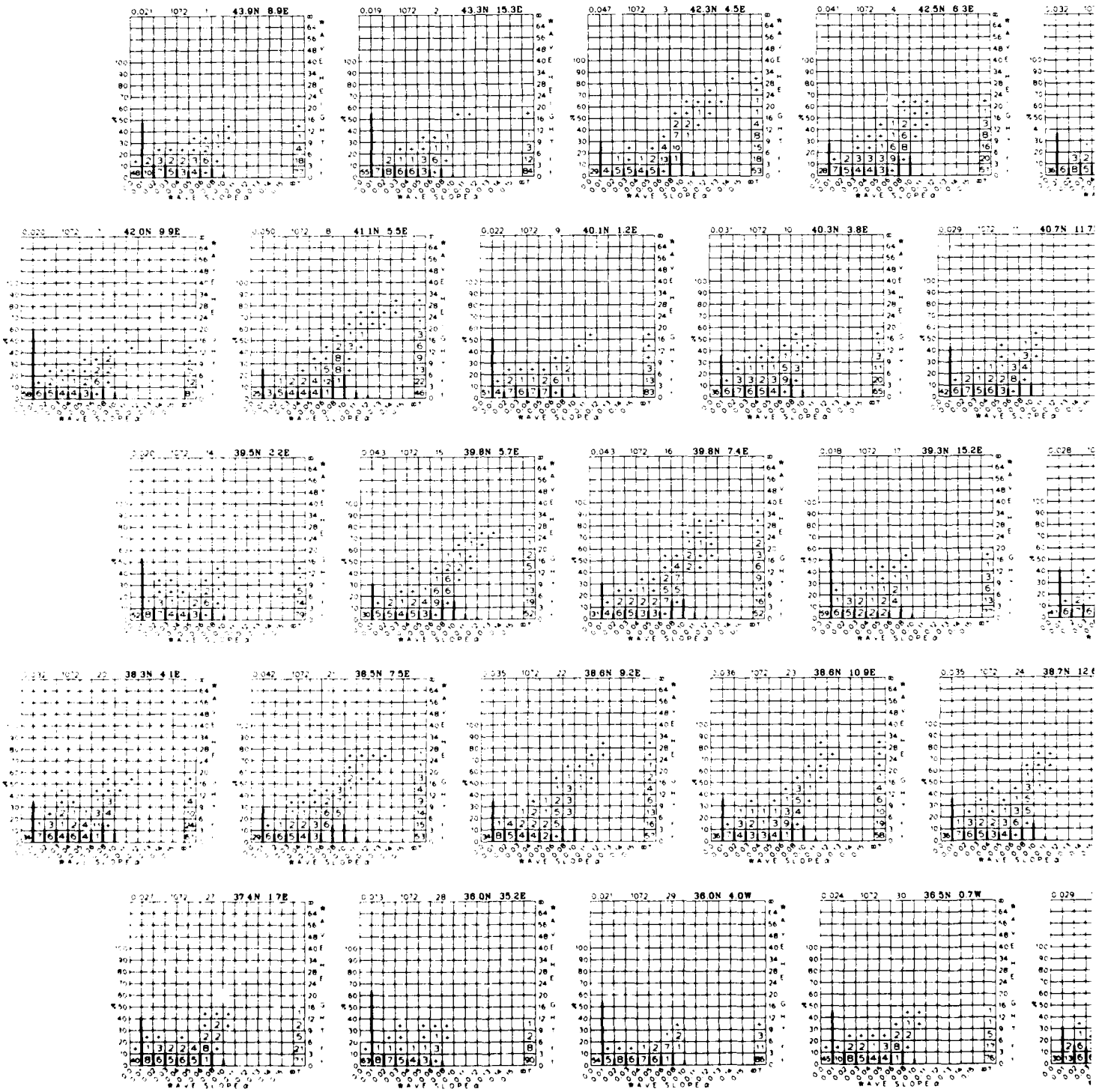


VE SLOPE (α) (Cont'd) OCTOBER

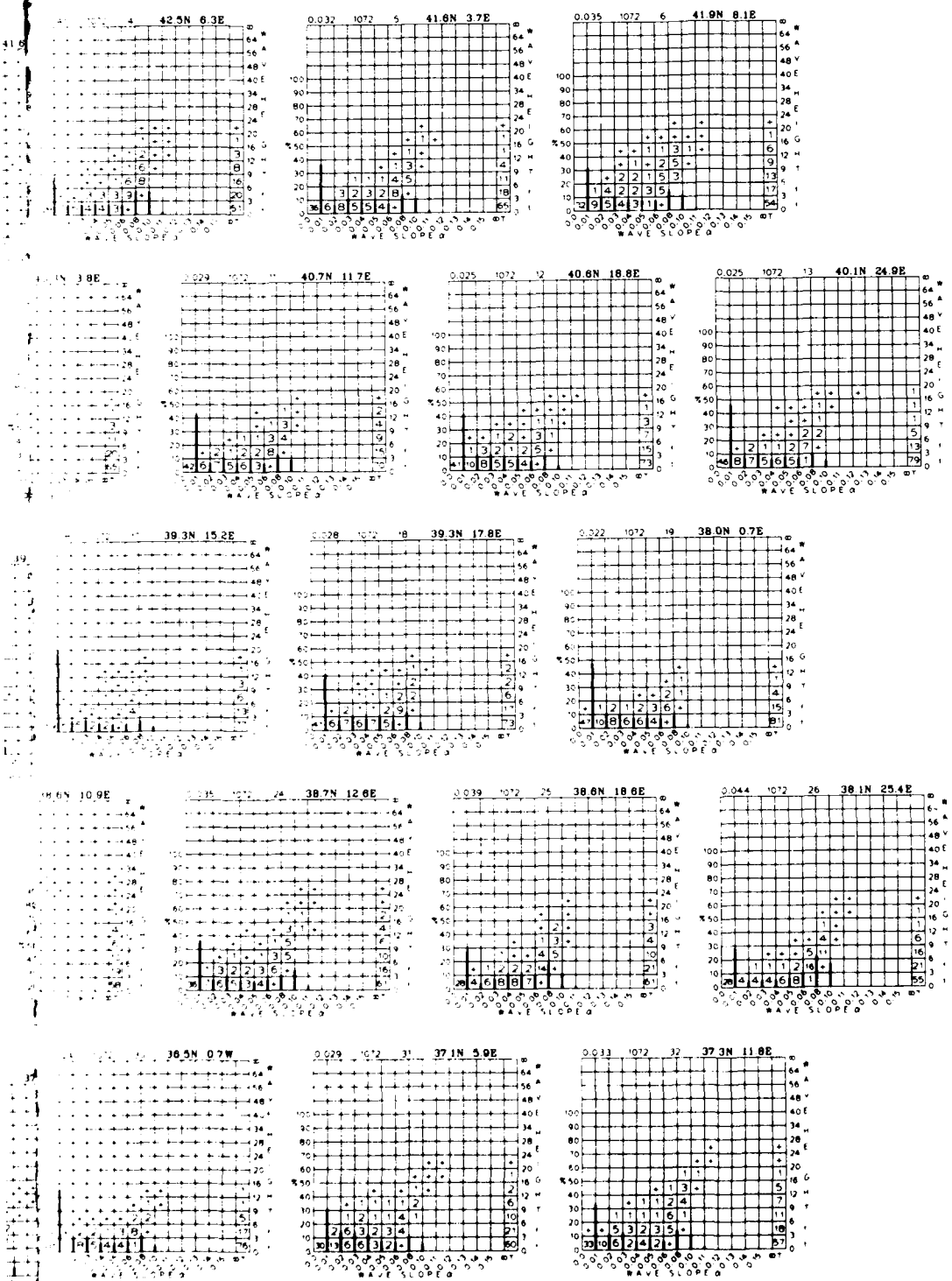


NOVEMBER

WAVE HE

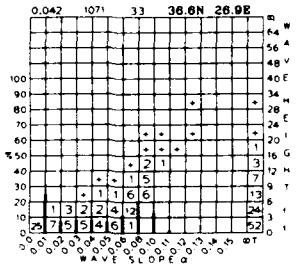


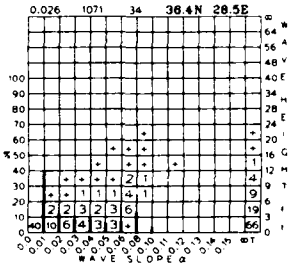
WAVE HEIGHT AND WAVE SLOPE (α)

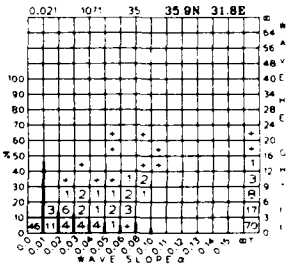


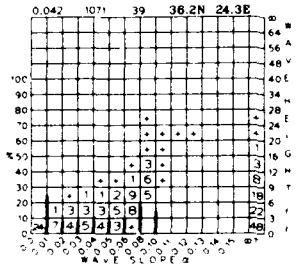
112 P.

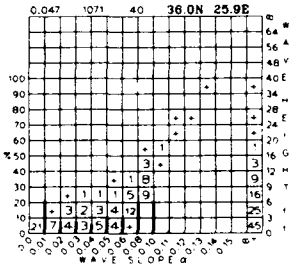
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'

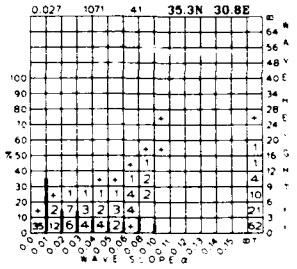


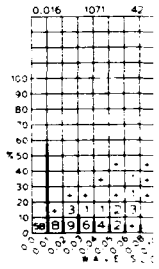


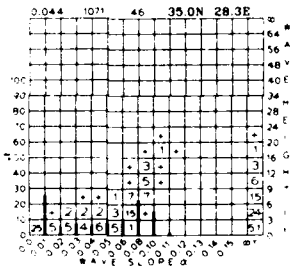


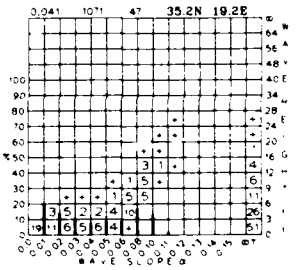


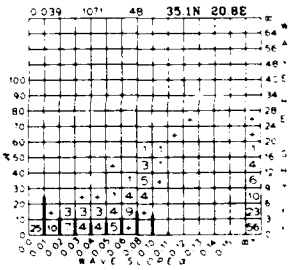


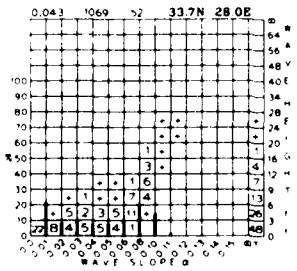


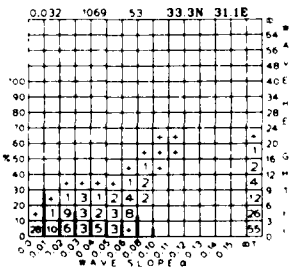


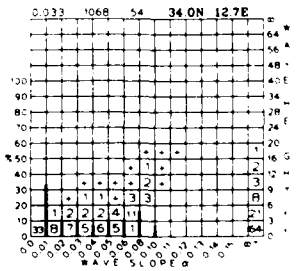


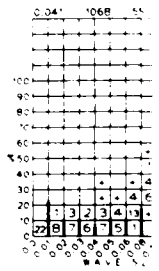


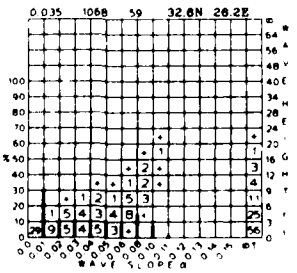


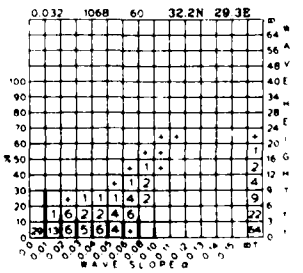


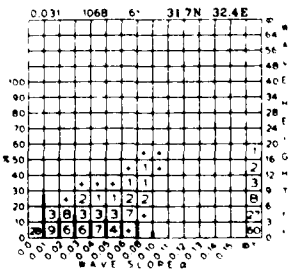






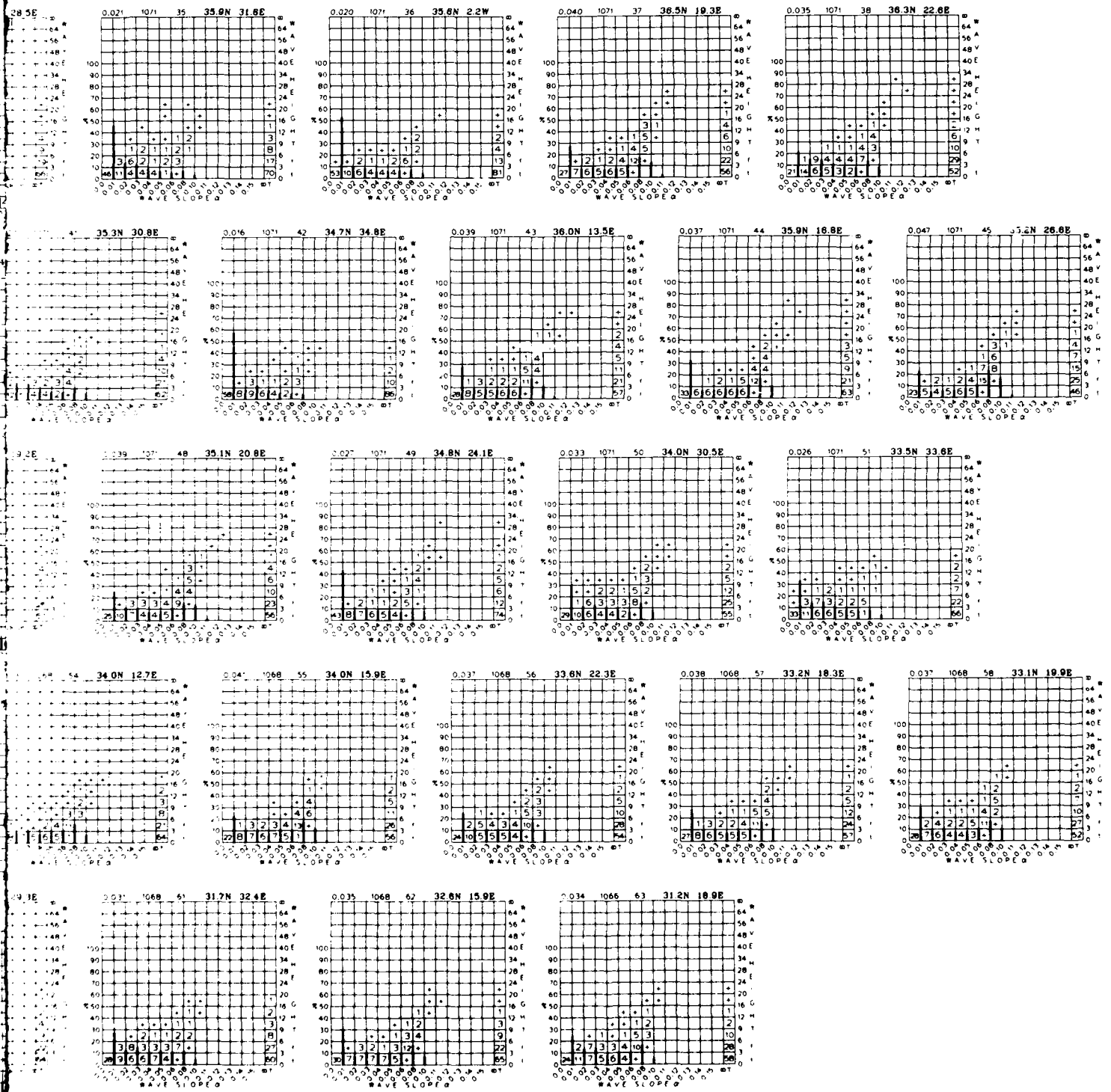






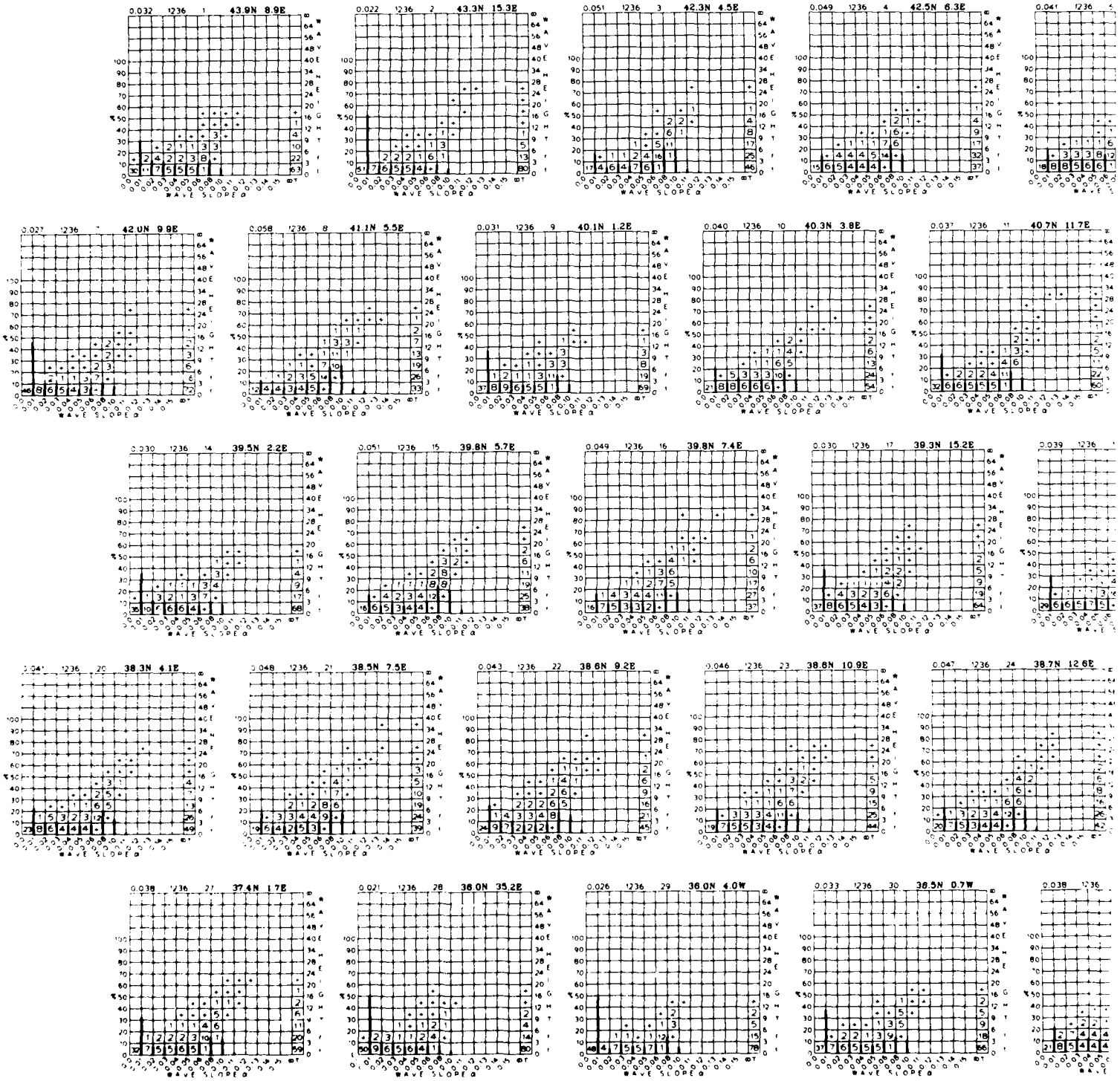
SLOPE (α) (Cont'd)

NOVEMBER

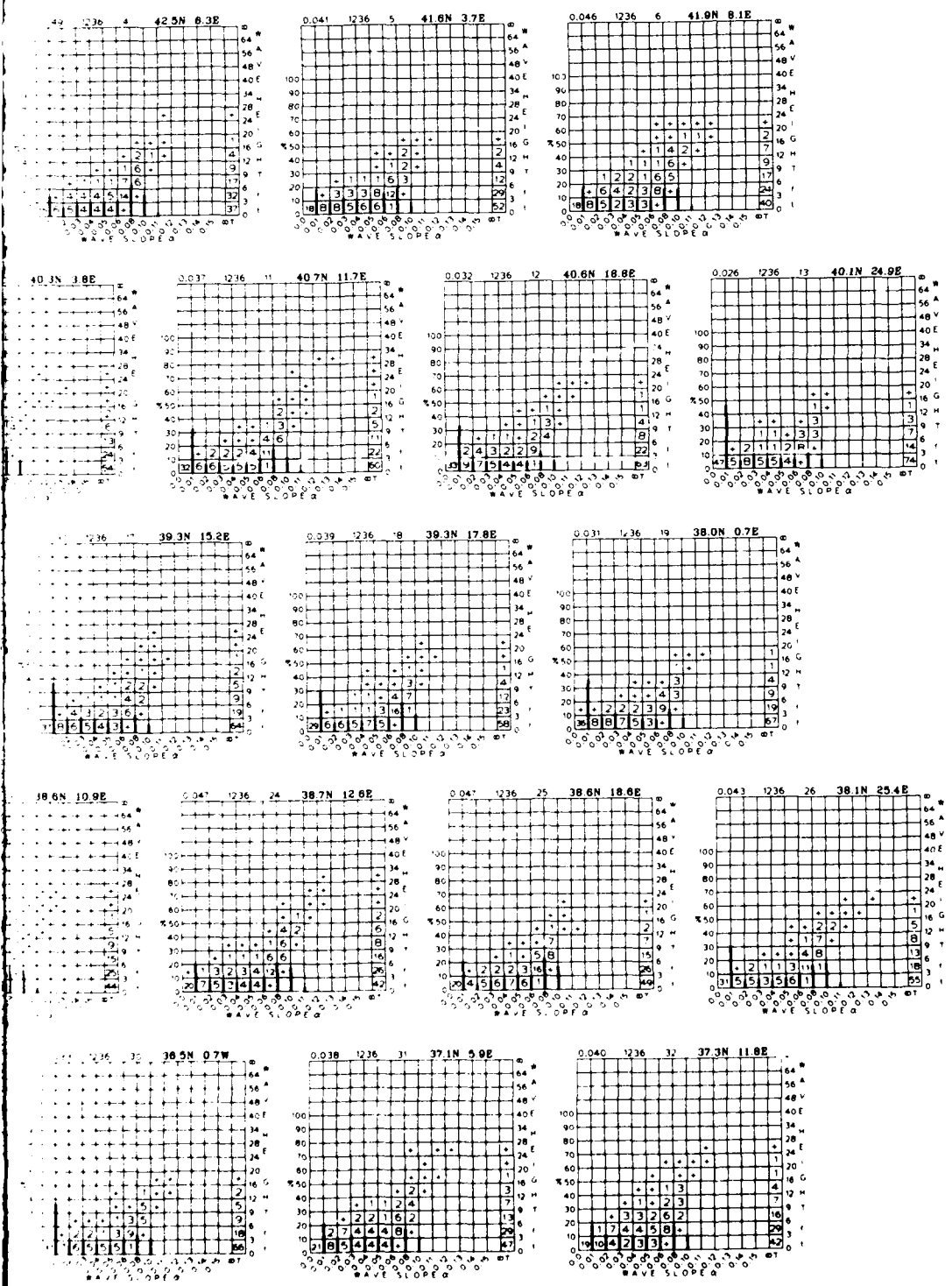


DECEMBER

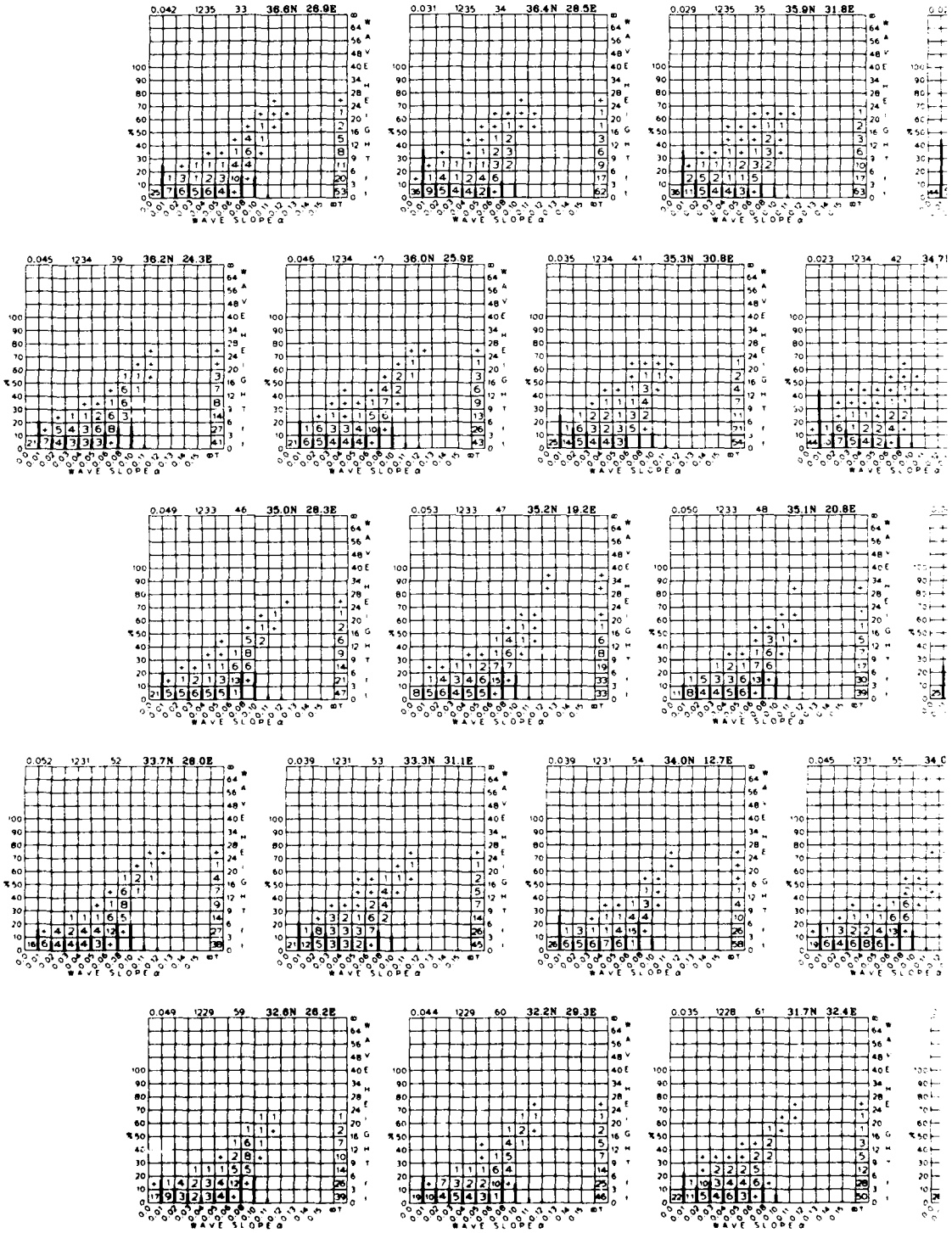
WAVE HEIG



WAVE HEIGHT AND WAVE SLOPE (α)

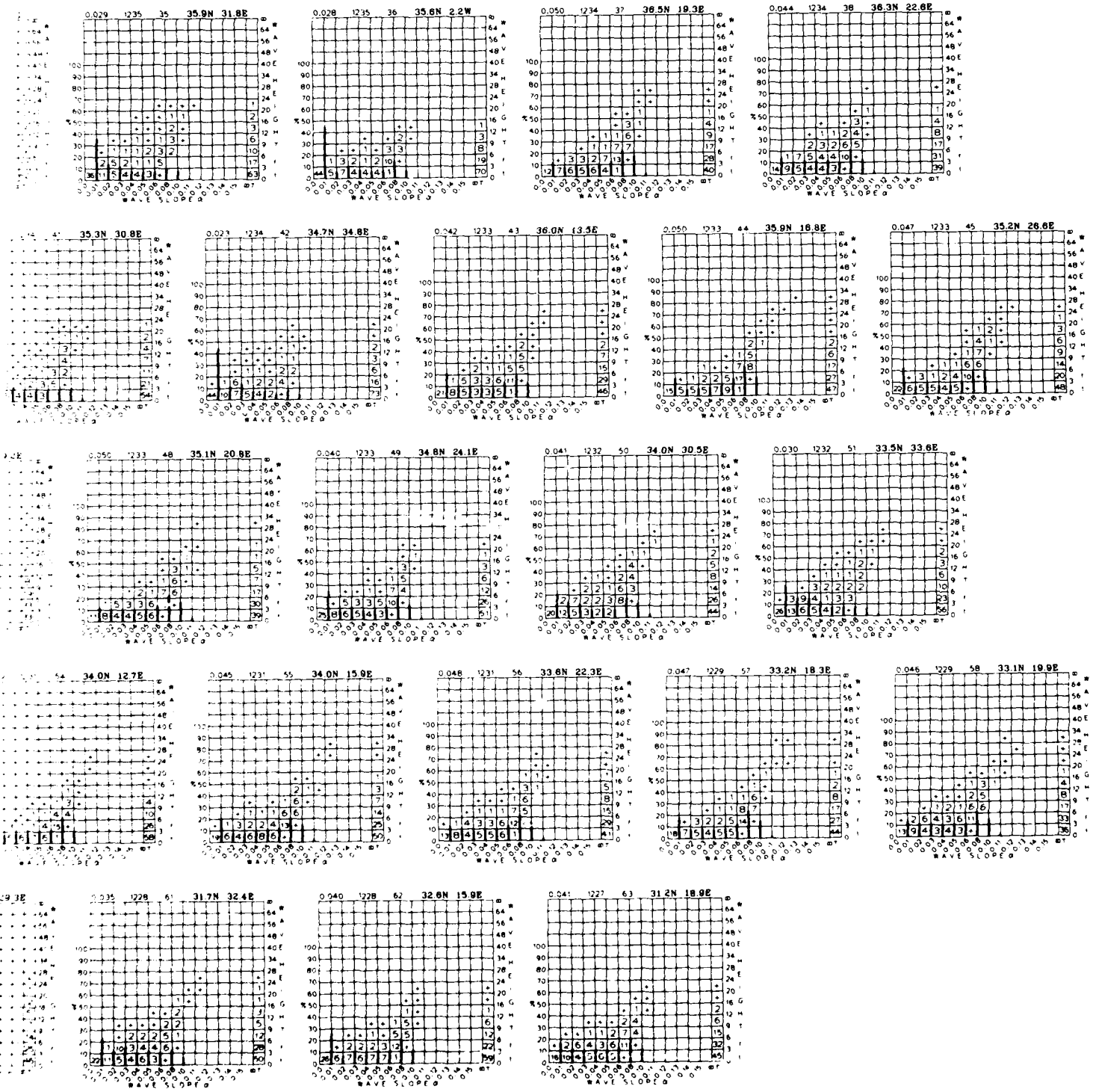


WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)

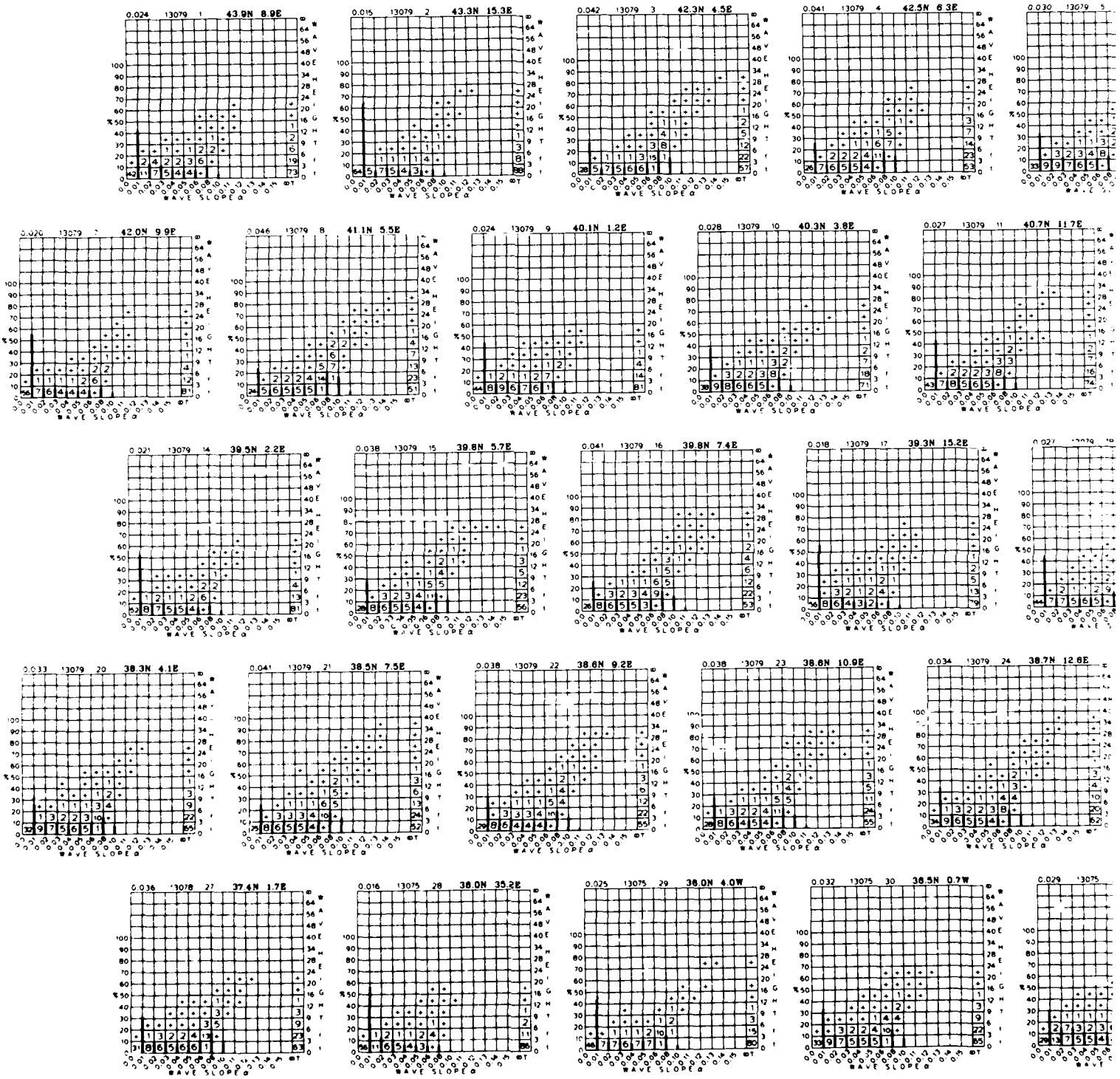


SLOPE (α) (Cont'd)

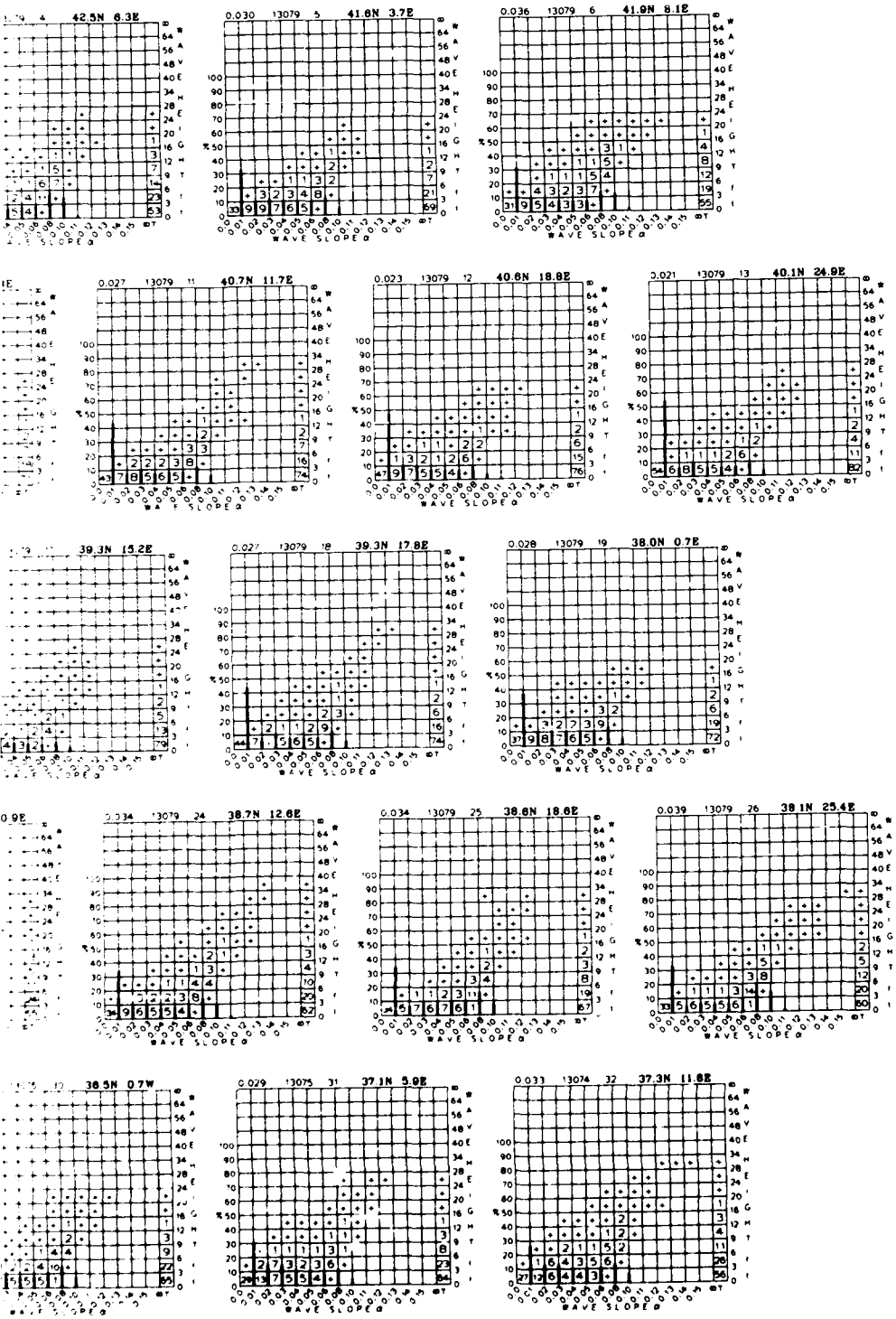
DECEMBER



ANNUAL WAVE HEIGH

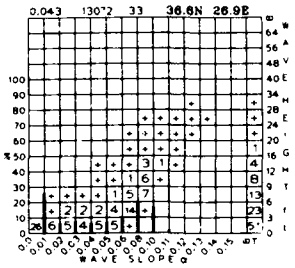


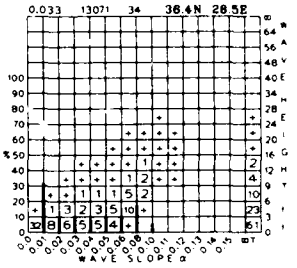
WAVE HEIGHT AND WAVE SLOPE (α)

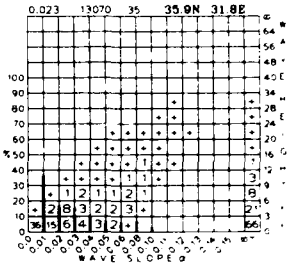


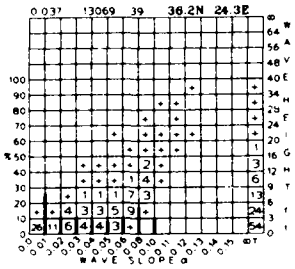
116 B

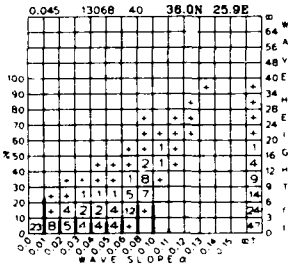
WAVE HEIGHT AND WAVE SLOPE (α) (Cont'd)

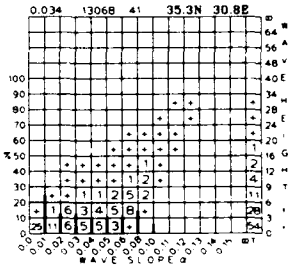


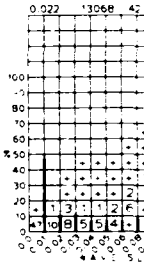


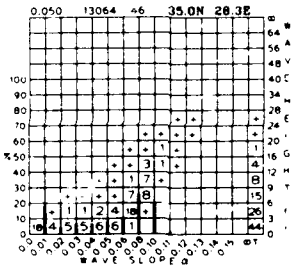


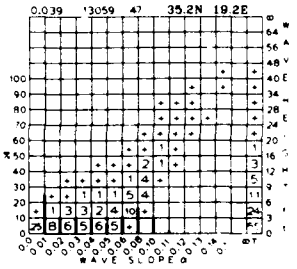


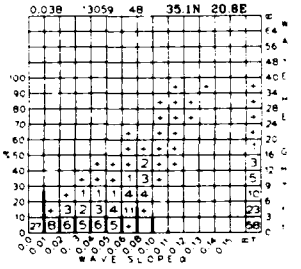


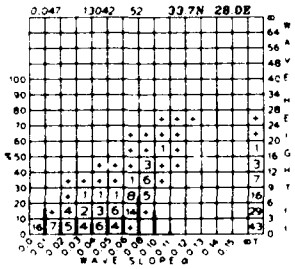


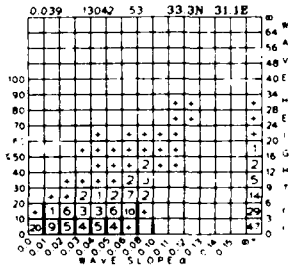


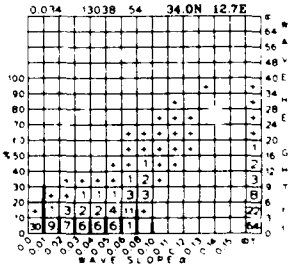


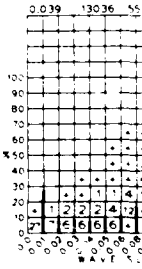


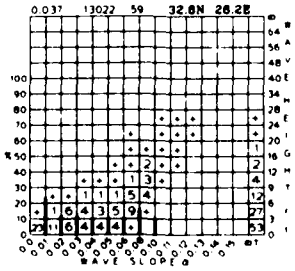


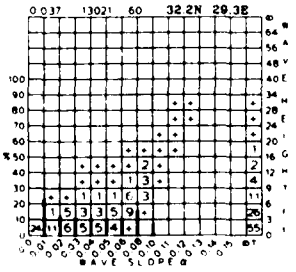


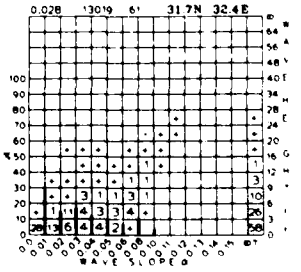






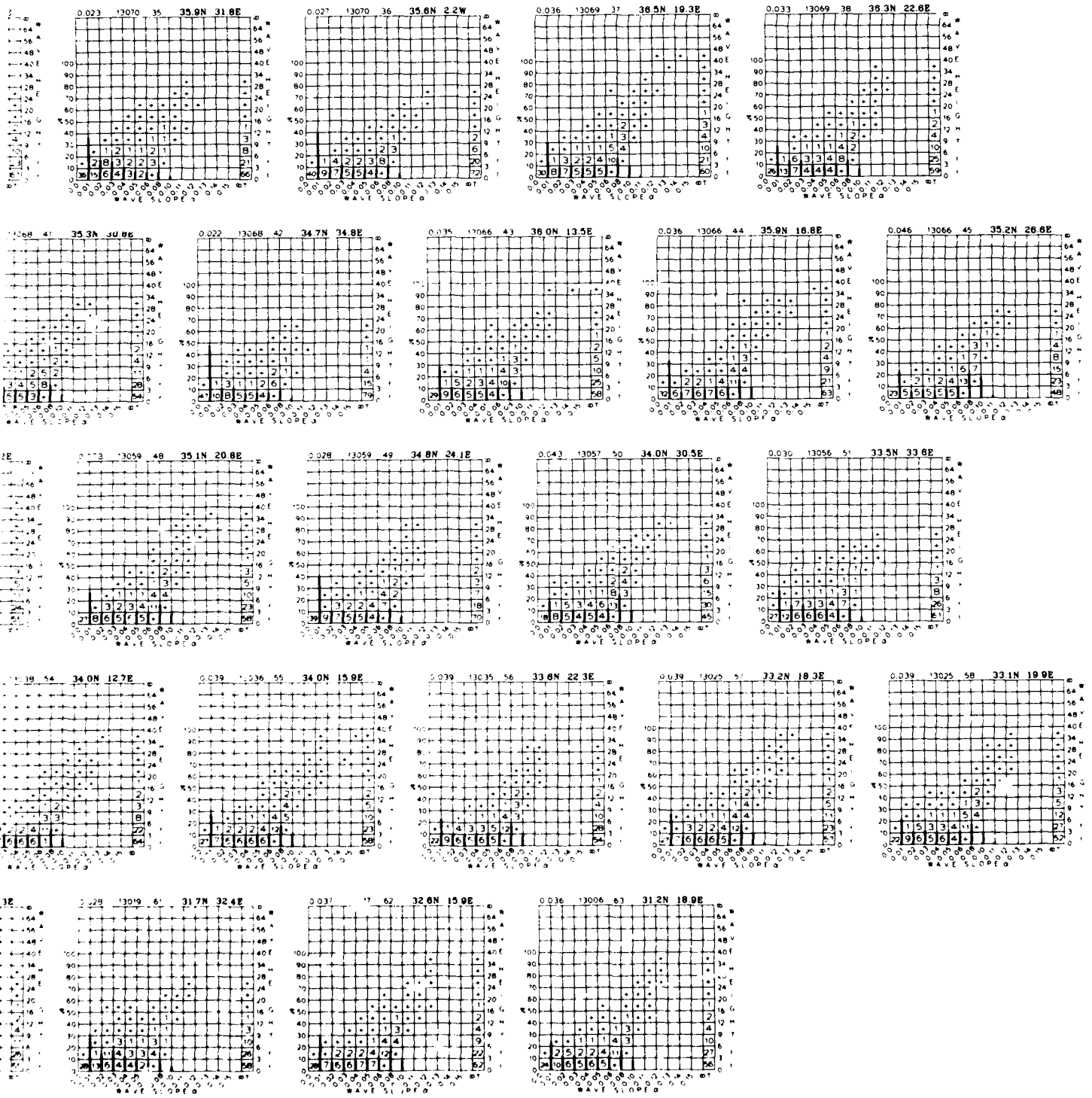






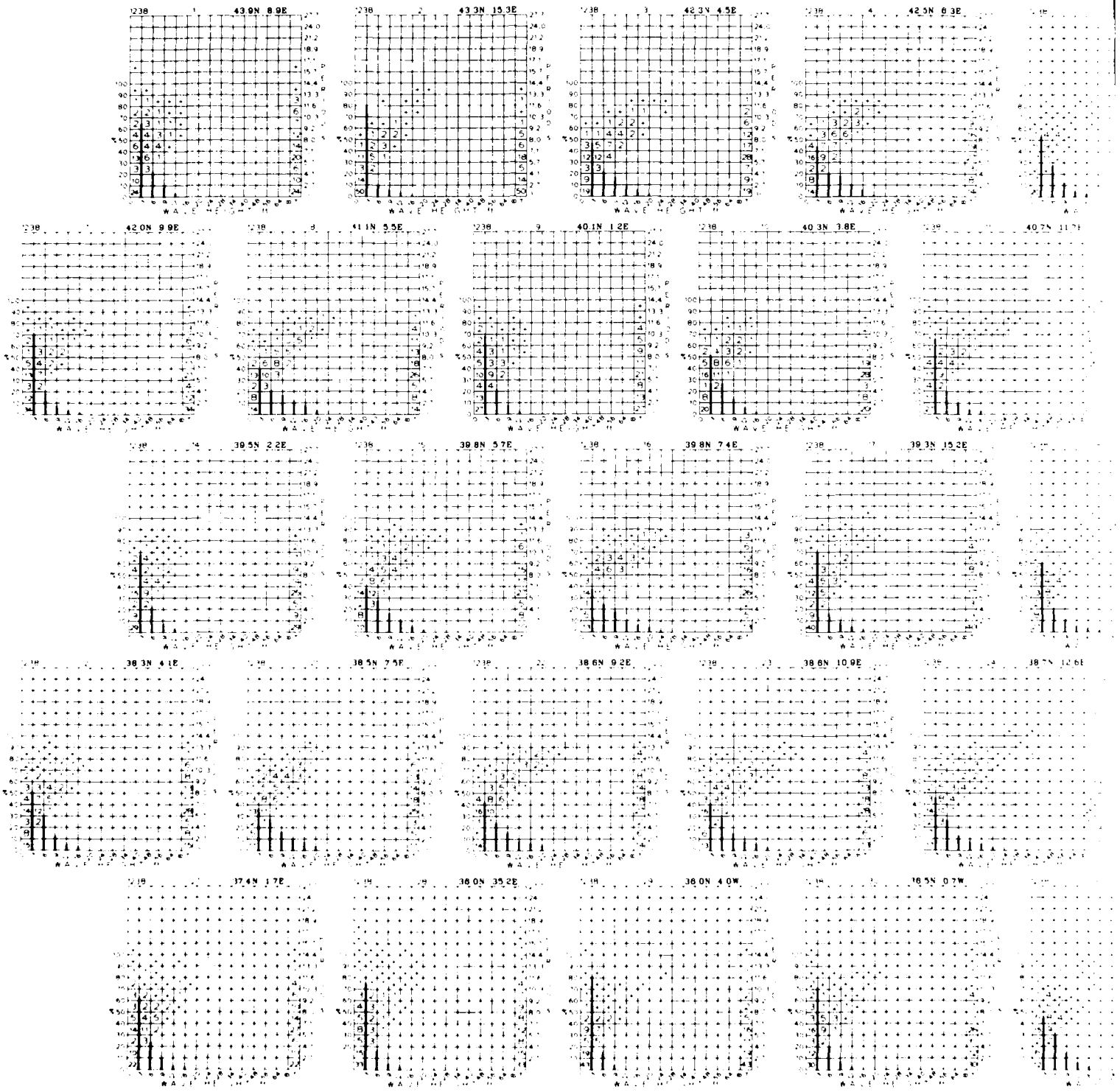
SLOPE (α) (Cont'd)

ANNUAL

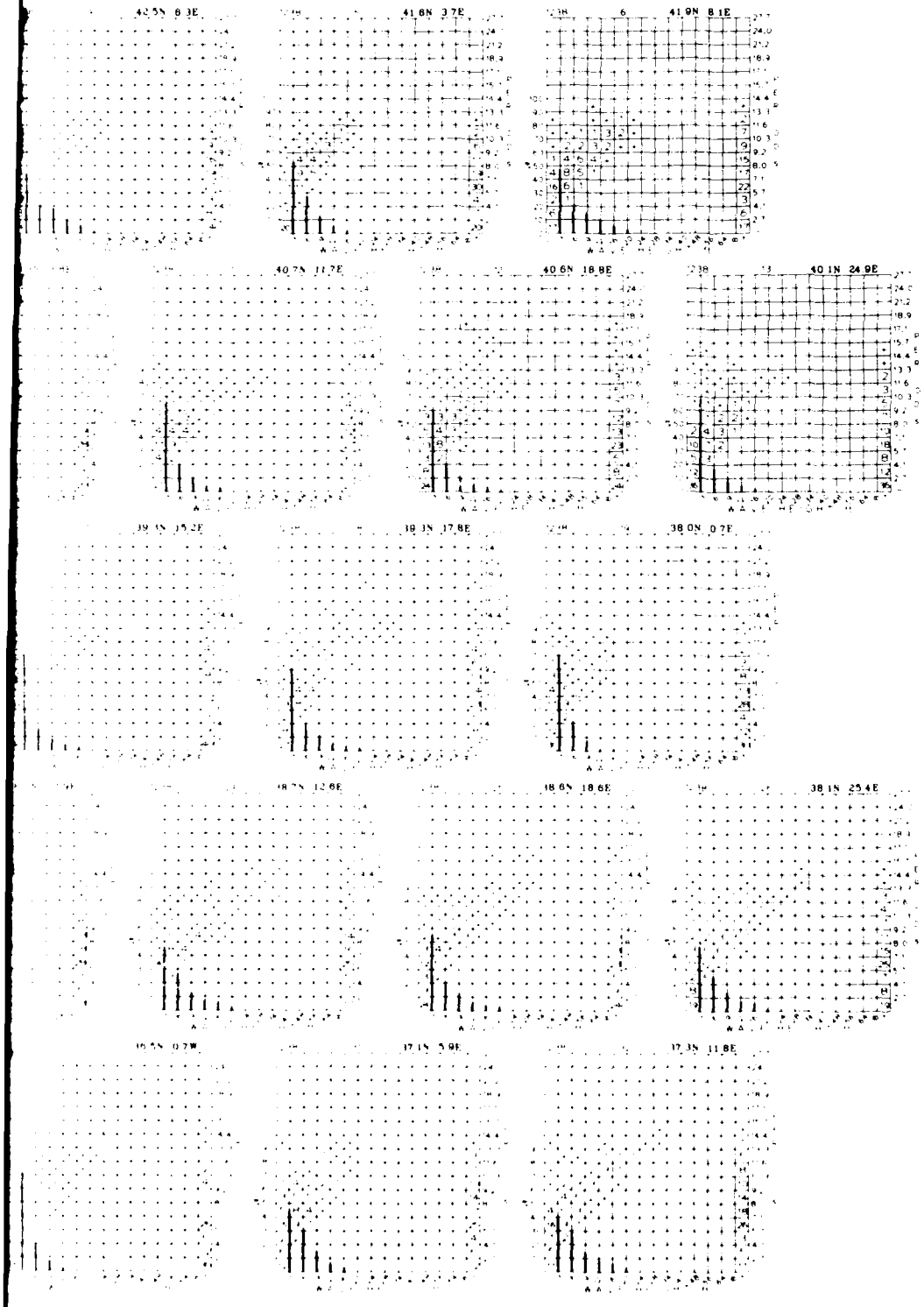


JANUARY

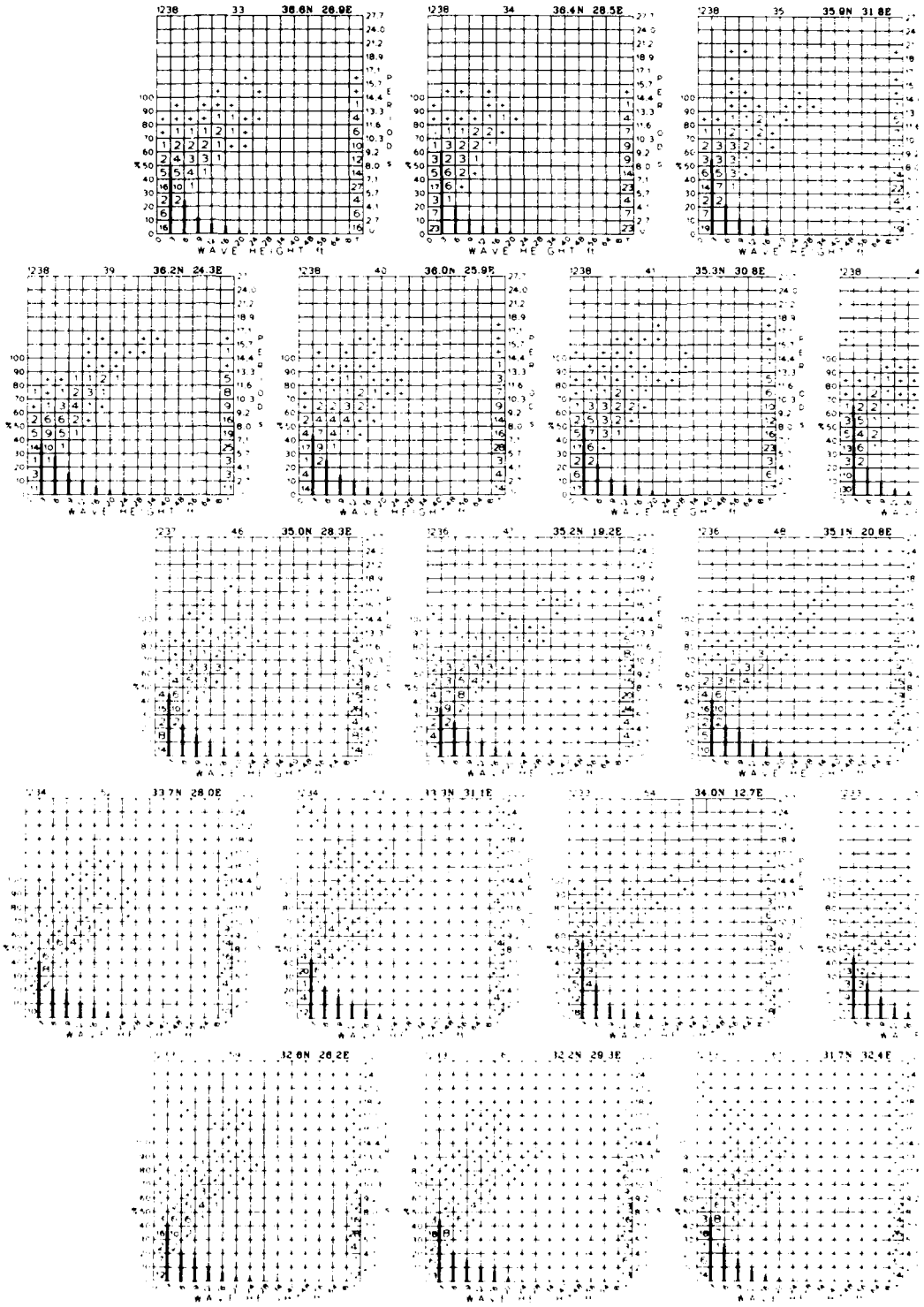
WAVE



WAVE HEIGHT AND PERIOD



WAVE HEIGHT AND PERIOD (Cont'd)



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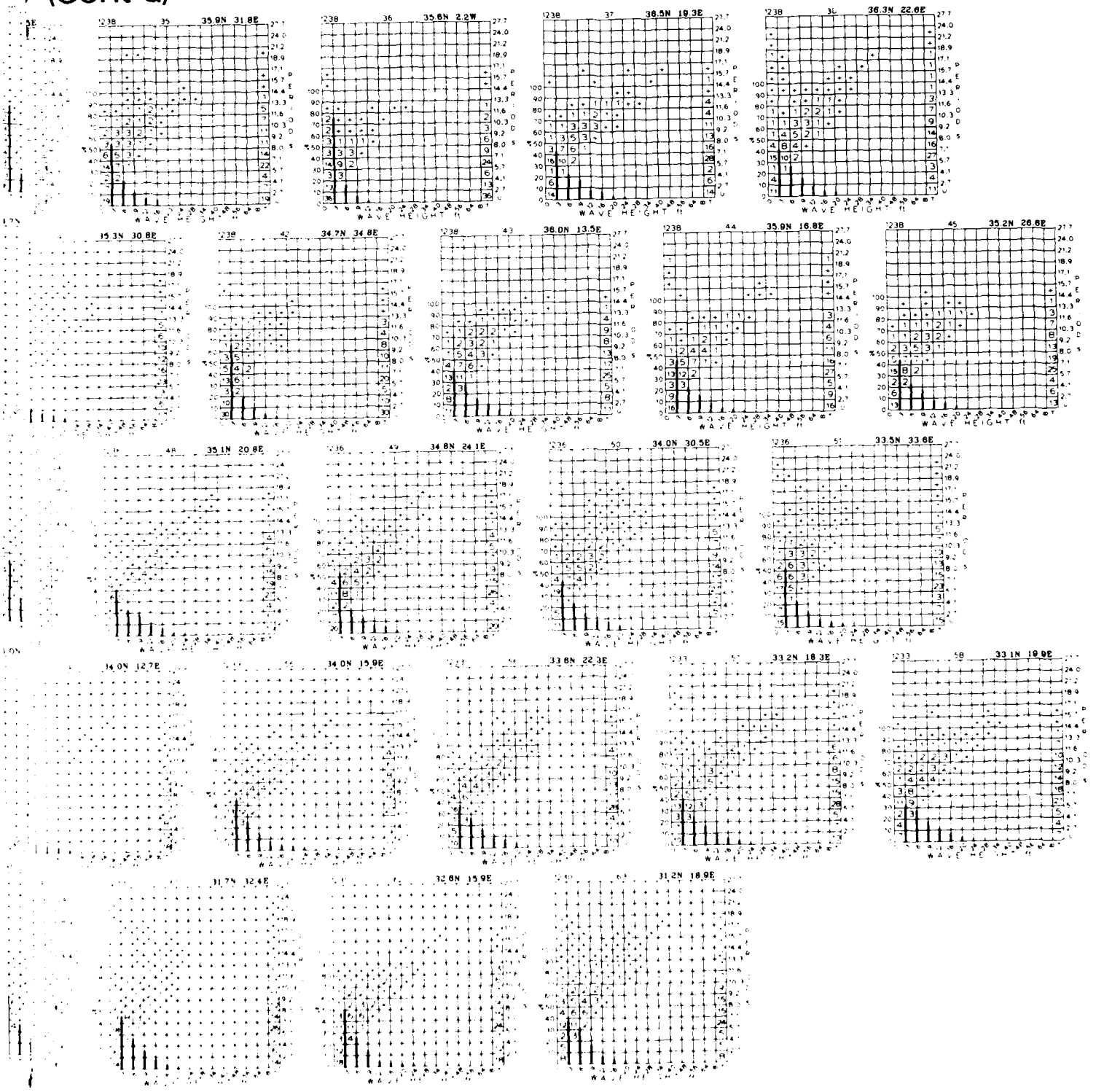
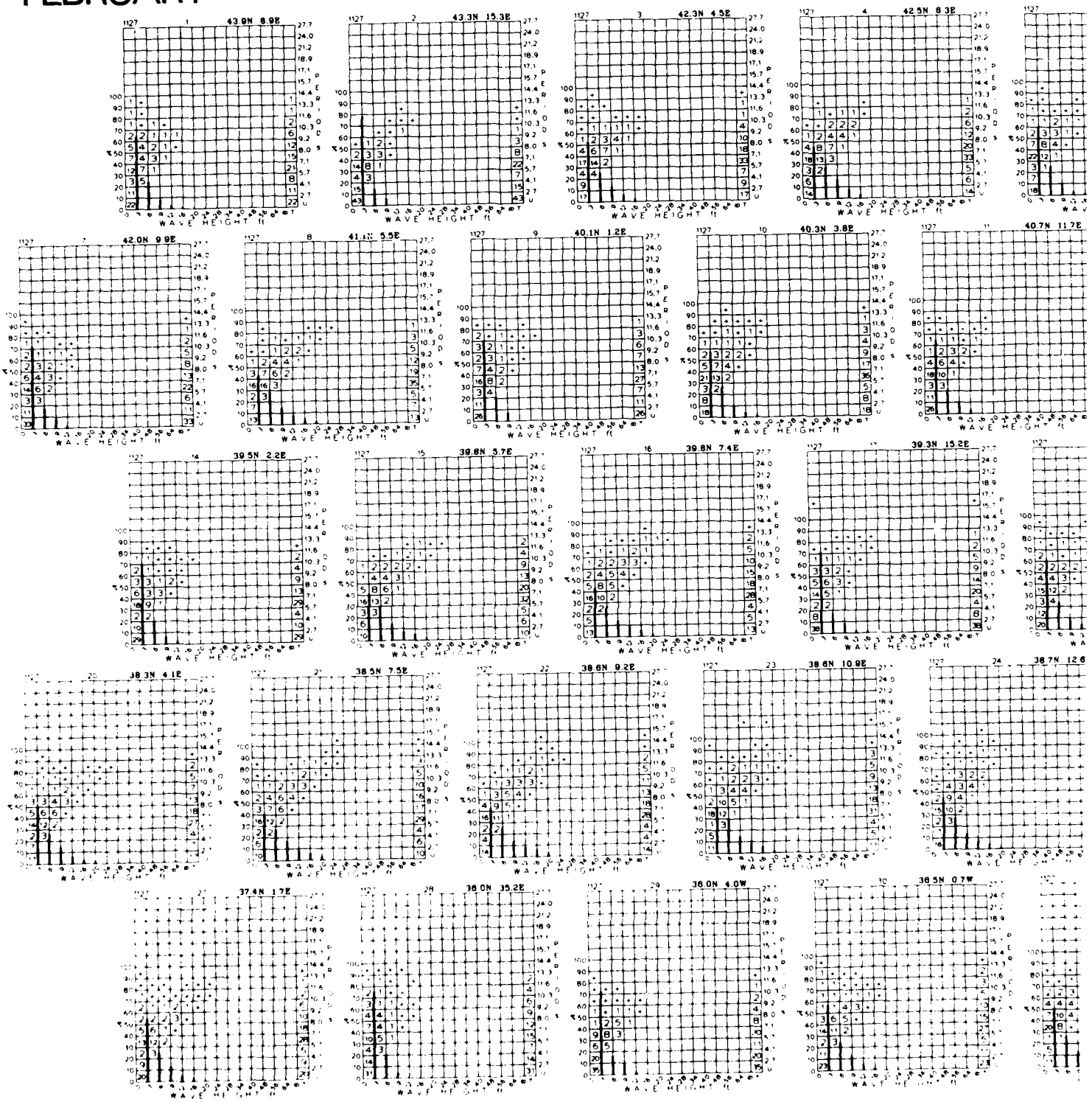
JANUARY

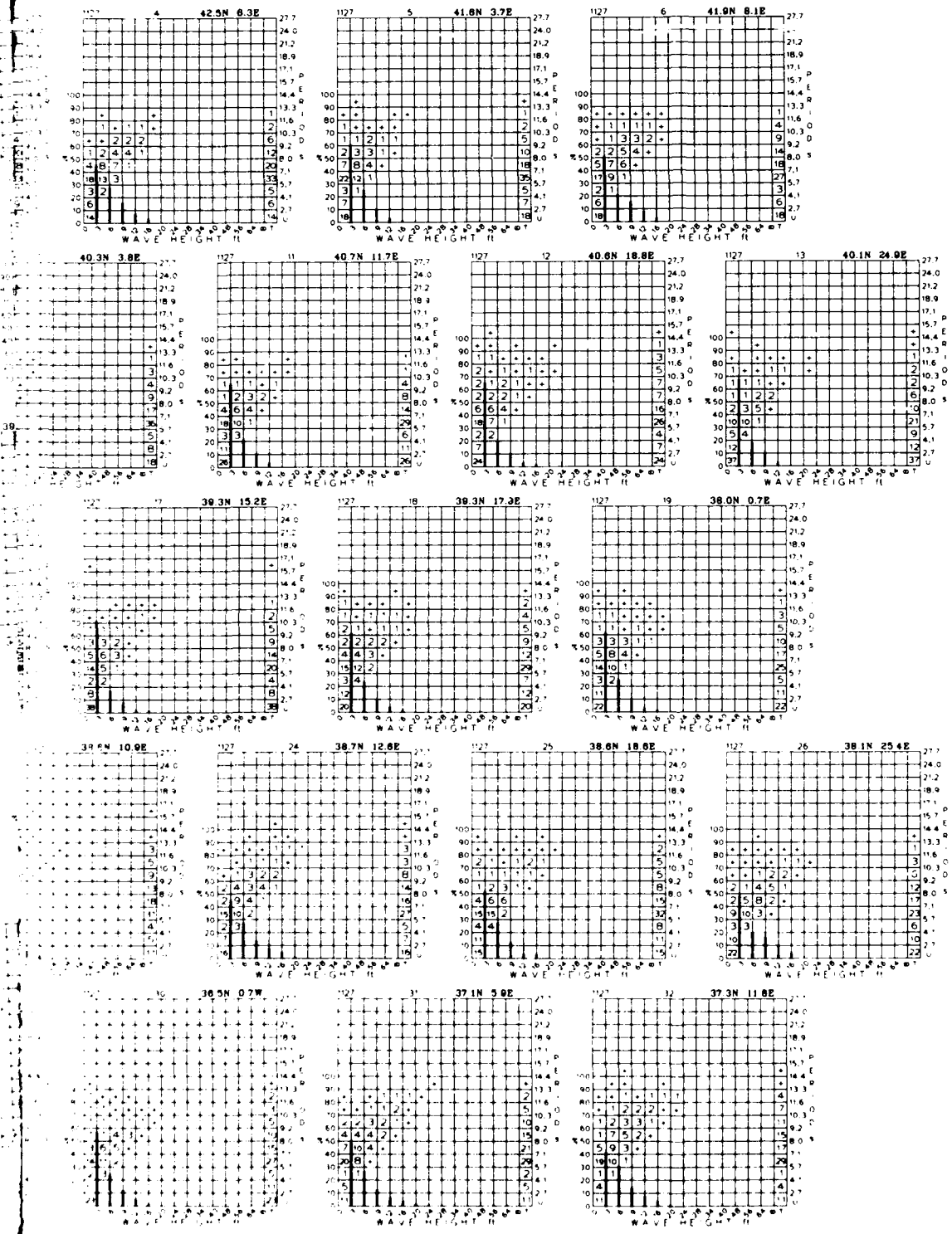


FEBRUARY

WAV

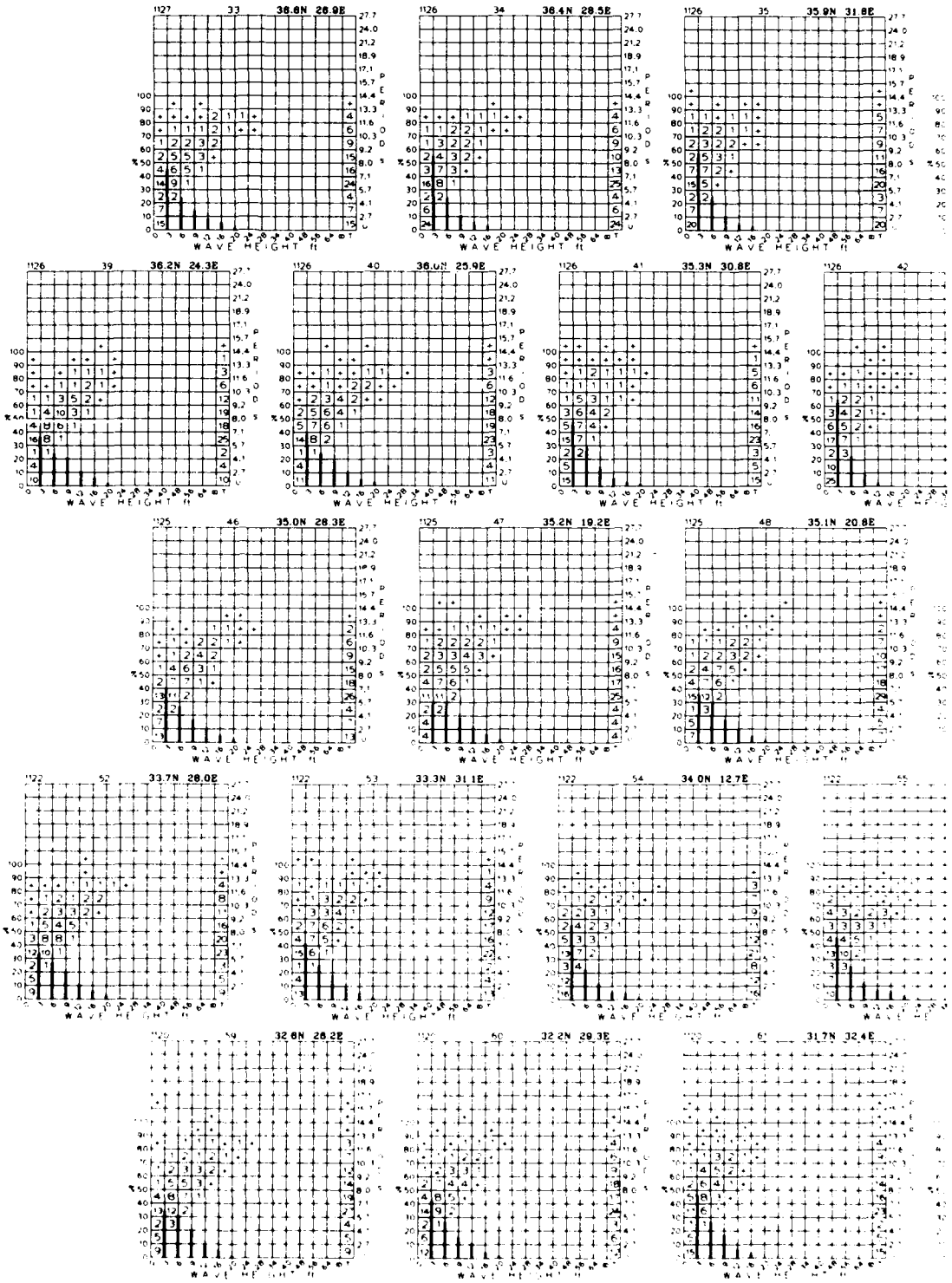


WAVE HEIGHT AND PERIOD

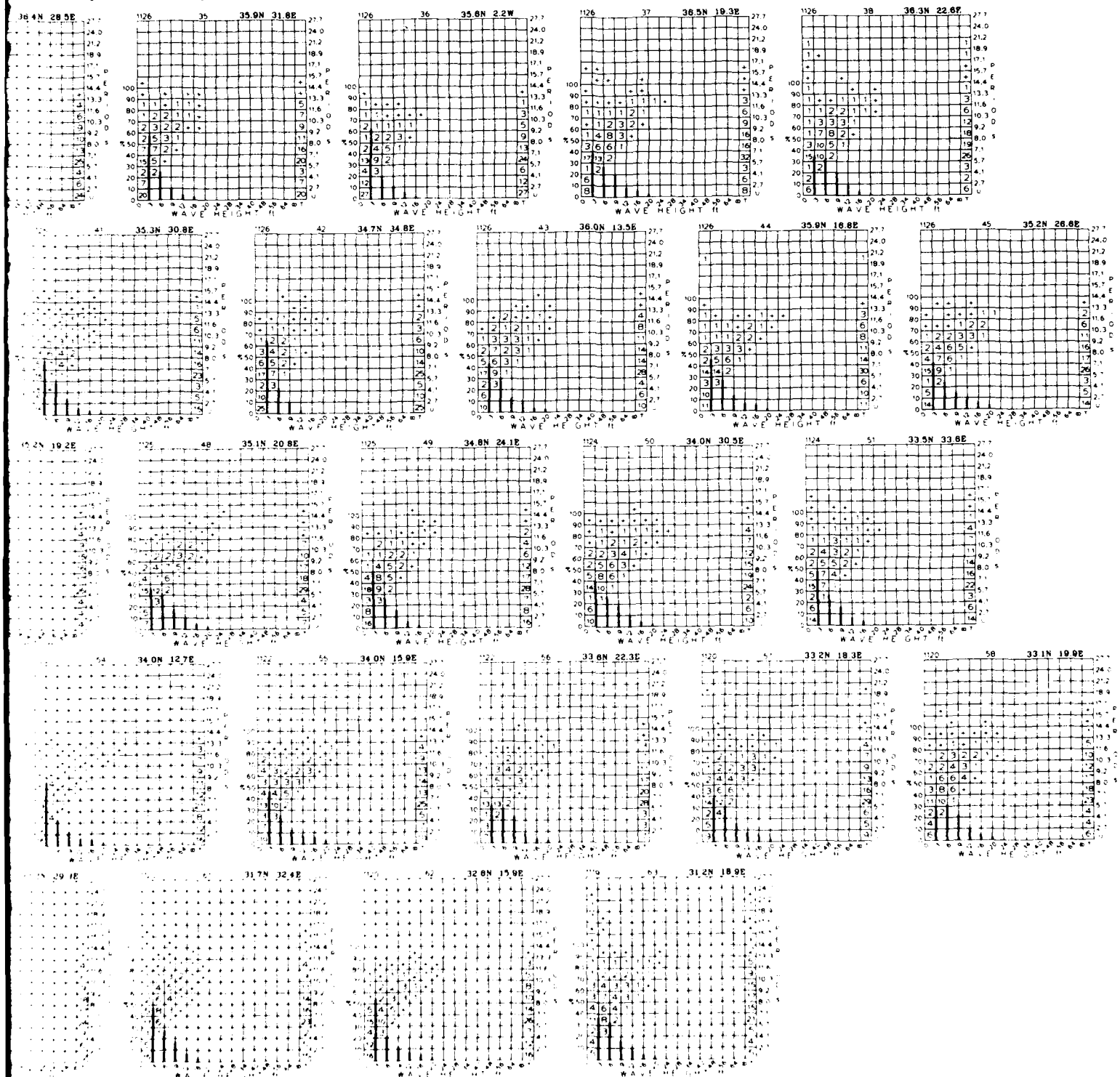


120B

WAVE HEIGHT AND PERIOD (Cont'd)

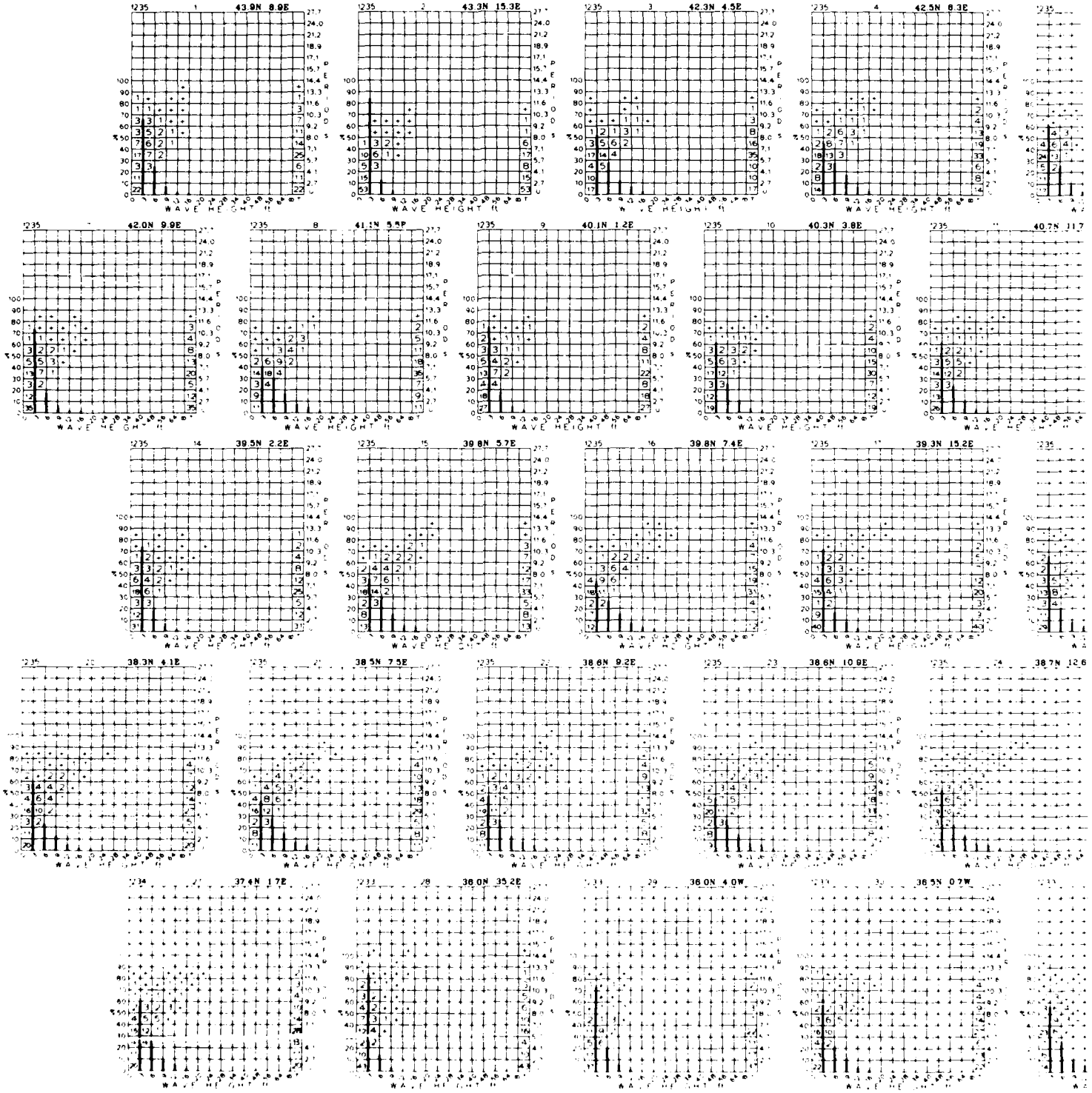


121P


35 35.9N 31.8E
36 35.8N 2.2W
37 36.5N 19.3E
38 36.3N 22.6E
41 35.3N 30.8E
42 34.7N 34.8E
43 36.0N 13.5E
44 35.9N 16.8E
45 35.2N 26.6E
48 35.1N 20.8E
49 34.8N 24.1E
50 34.0N 30.5E
51 33.5N 33.6E
54 34.0N 12.7E
55 34.0N 15.9E
56 33.8N 22.3E
57 33.2N 18.3E
58 33.1N 19.9E
61 31.7N 32.4E
62 32.8N 15.9E
63 31.2N 18.9E
WAVE HEIGHT ft

MARCH

WA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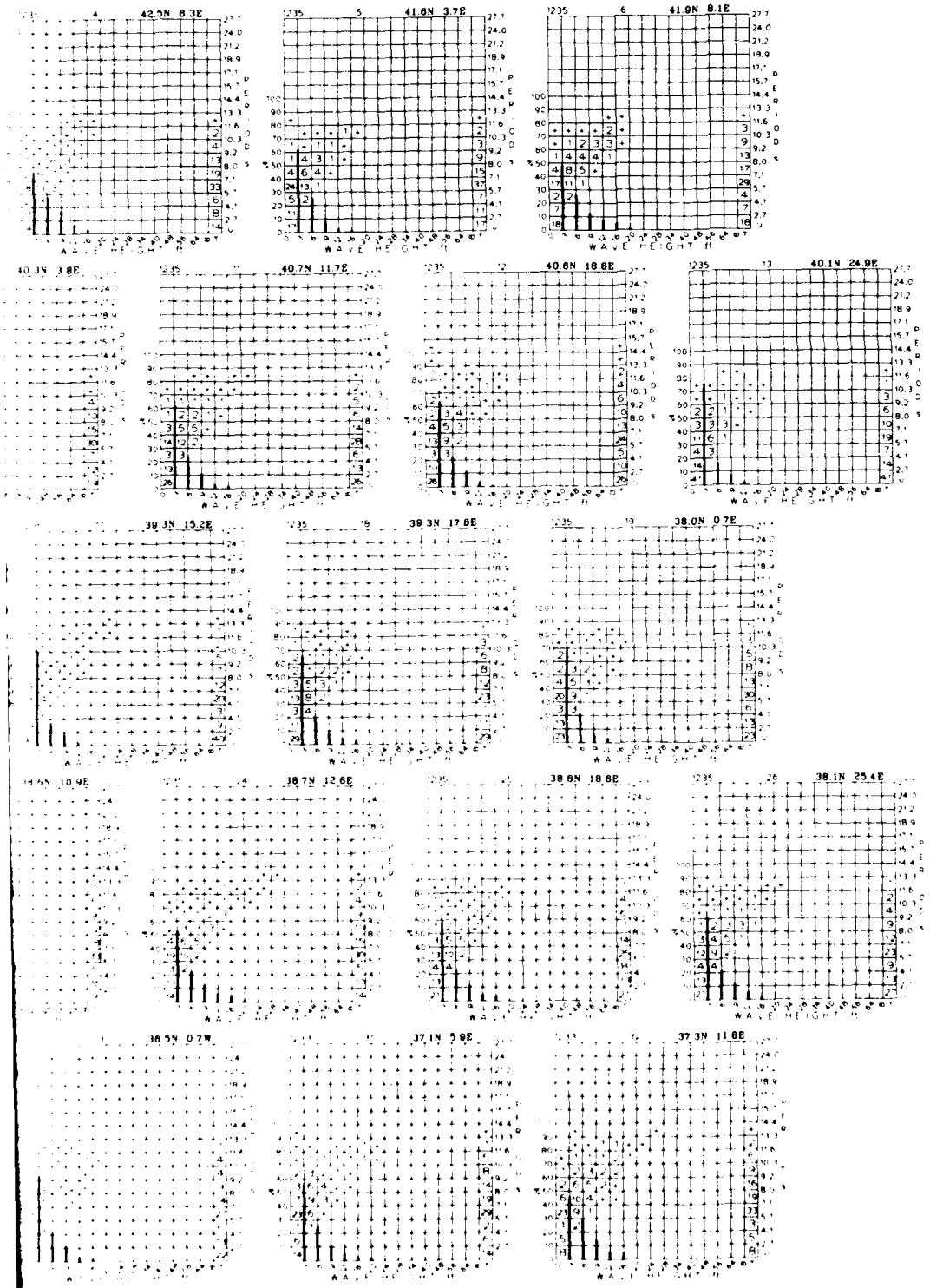
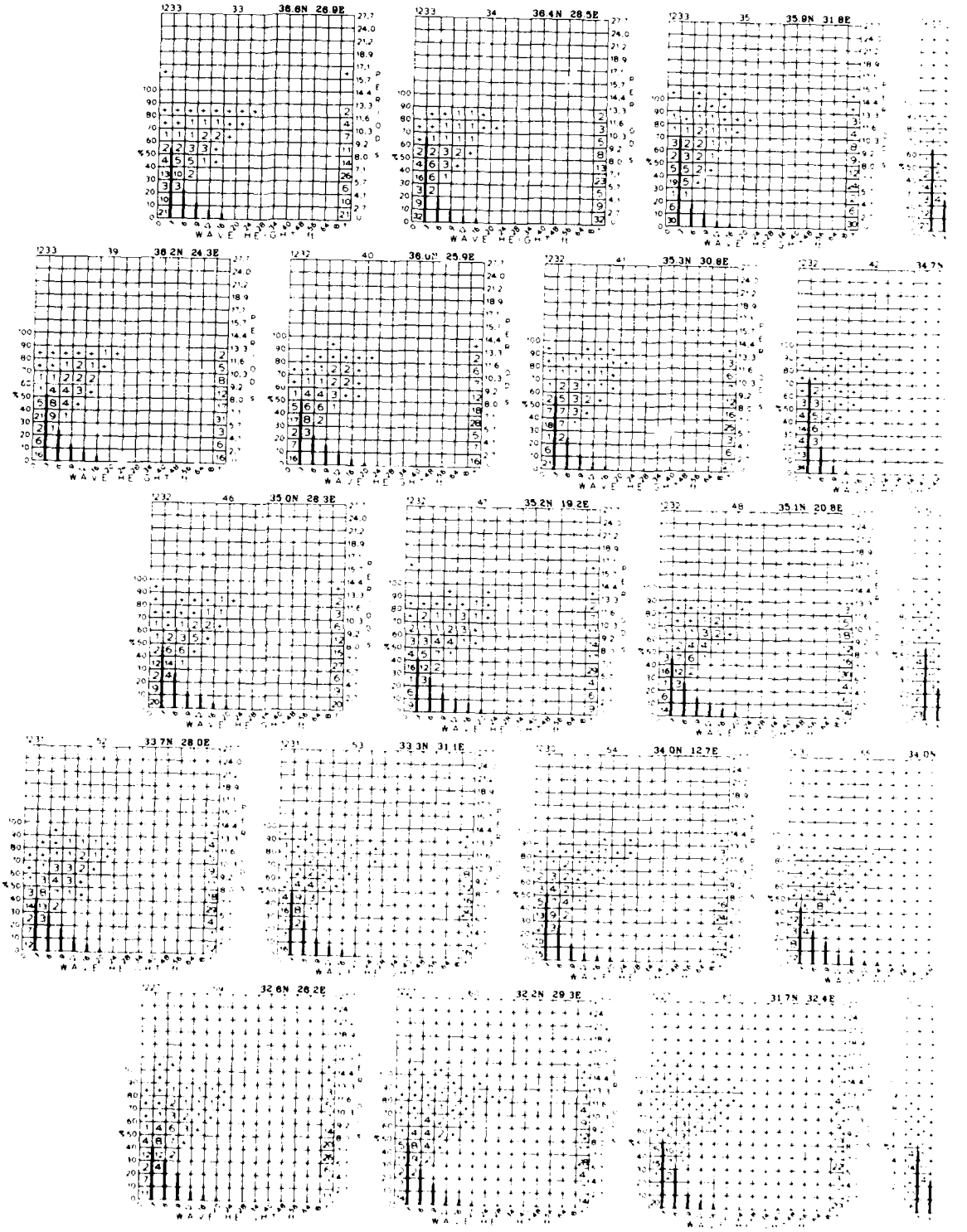
1235 2 43.3N 15.3E
1235 3 42.3N 4.5E
1235 4 42.5N 8.3E
1235 8 41.1N 5.9E
1235 9 40.1N 1.2E
1235 10 40.3N 3.8E
1235 14 39.5N 2.2E
1235 15 39.8N 5.7E
1235 16 39.8N 7.4E
1235 17 39.3N 15.2E
1235 20 38.3N 4.1E
1235 21 38.5N 7.5E
1235 22 38.6N 9.2E
1235 23 38.6N 10.9E
1235 24 38.7N 12.6
1234 27 37.4N 1.7E
1233 28 38.0N 35.2E
1233 29 38.0N 4.0W
1233 30 38.5N 0.7W
WAVE HEIGHT M
PERIOD

WAVE HEIGHT AND PERIOD

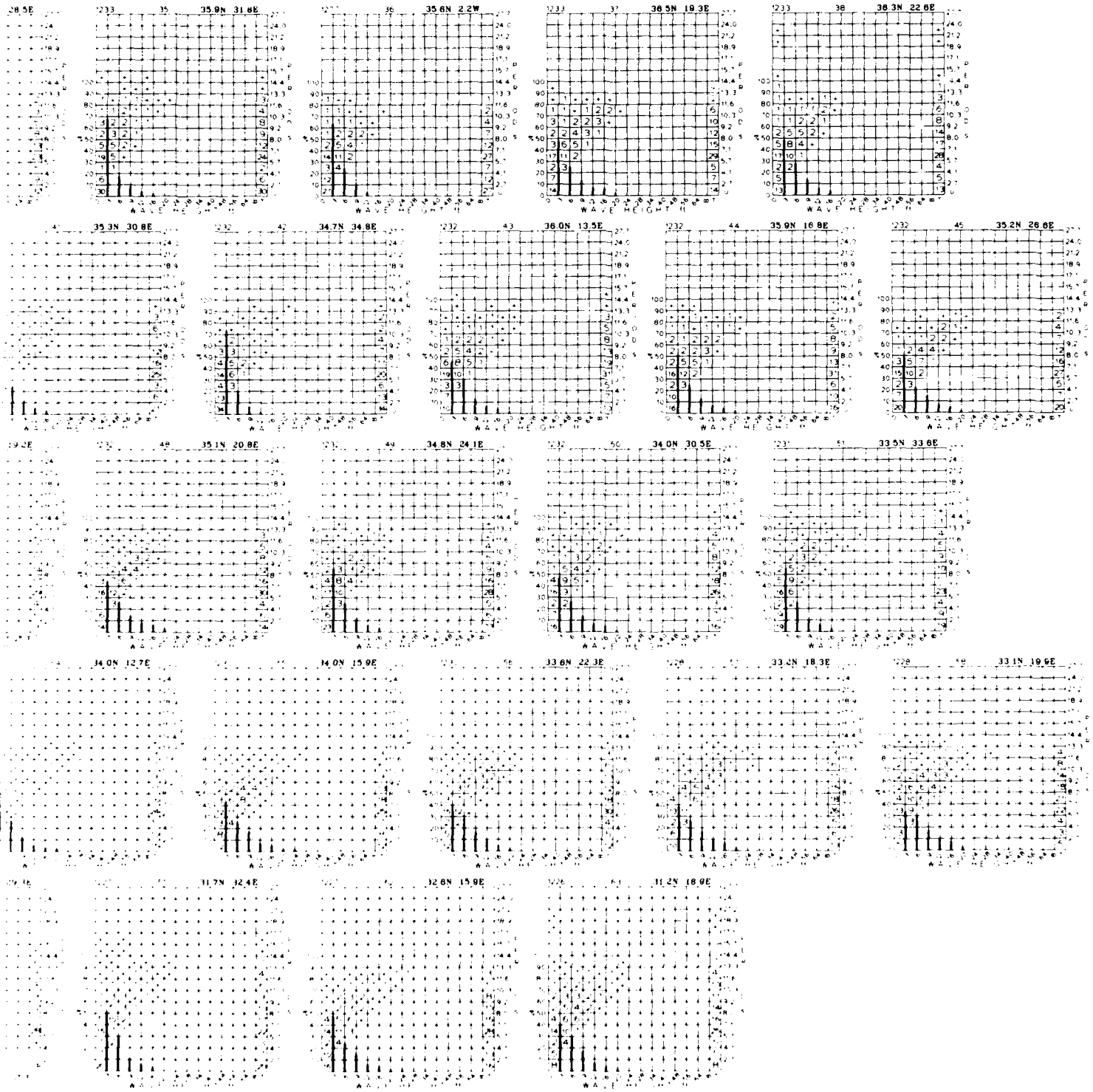


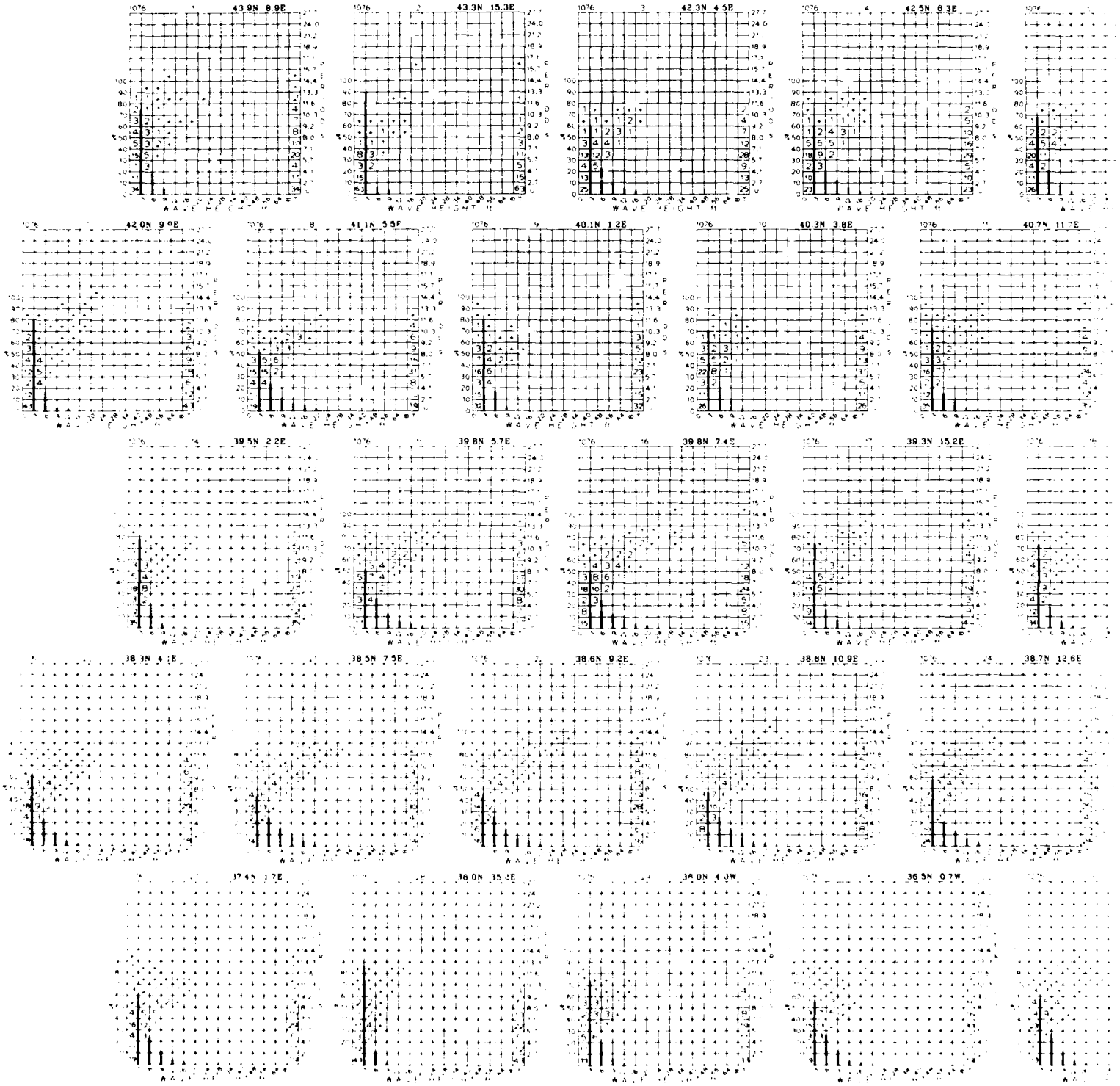
22 R

WAVE HEIGHT AND PERIOD (Cont'd)



D (Cont'd) MARCH

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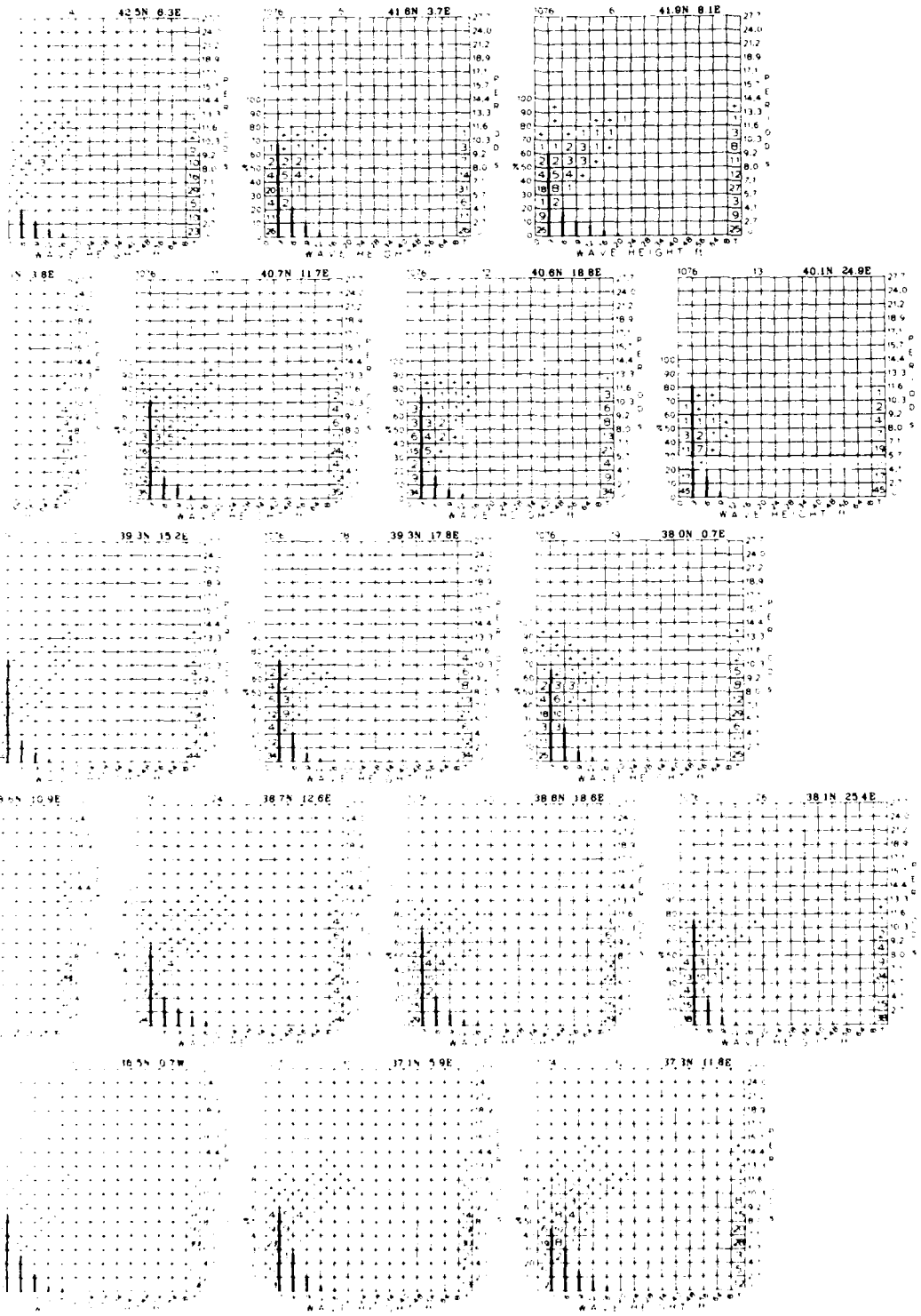
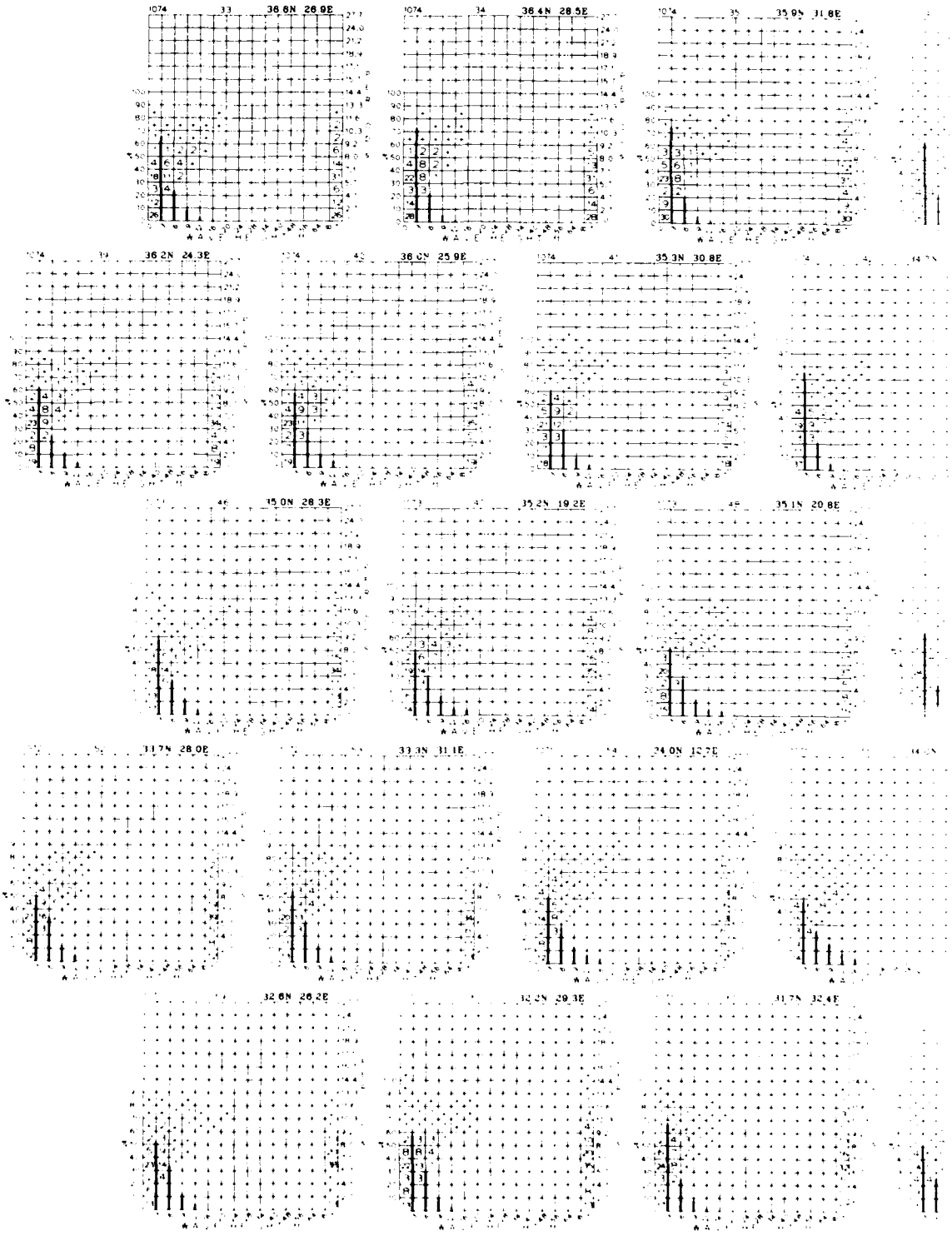
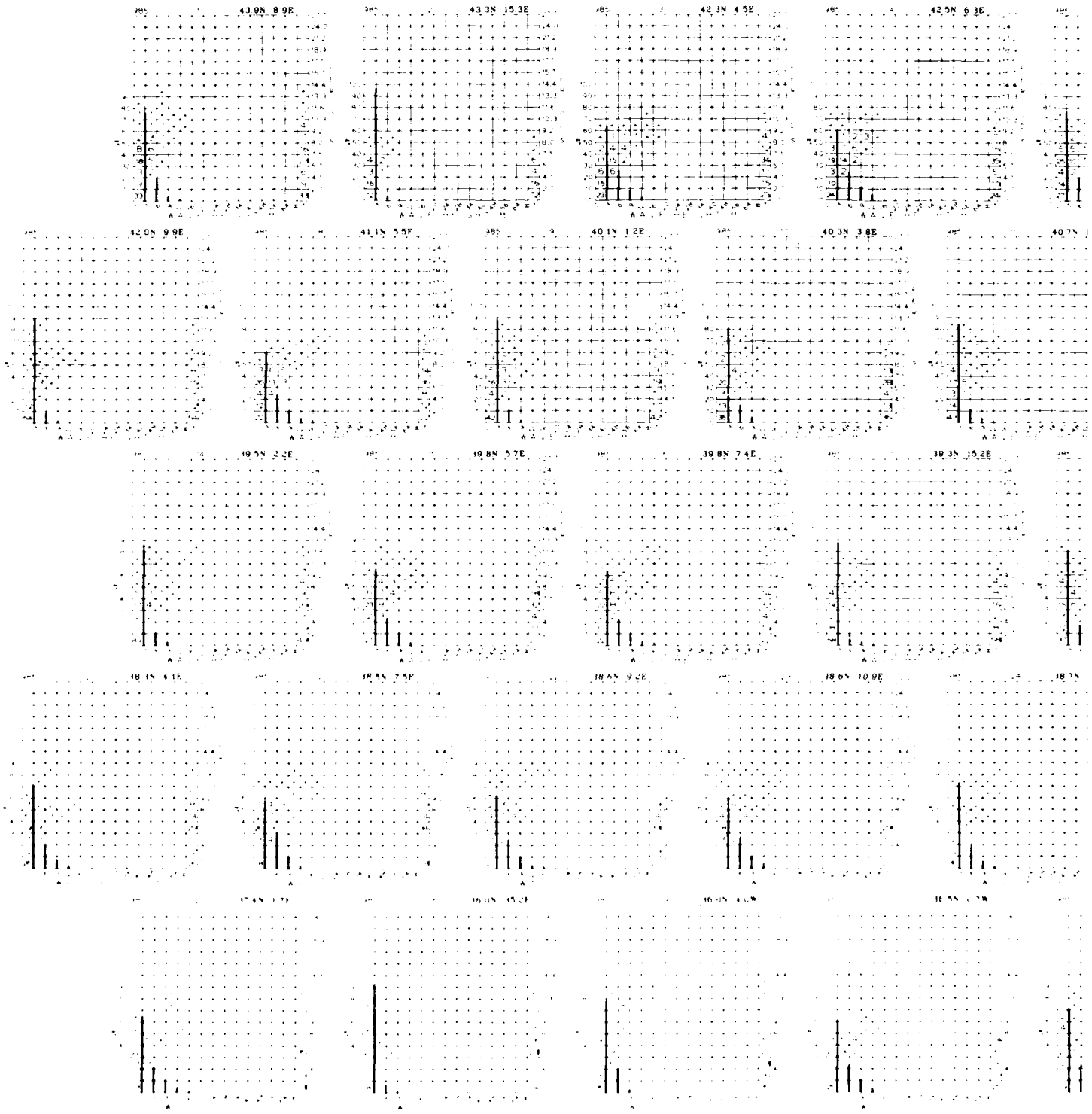
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
42.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
39.5N 2.2E
39.8N 5.7E
39.8N 7.4E
39.3N 15.2E
38.3N 4.1E
38.5N 7.5E
38.6N 9.2E
38.6N 10.9E
38.7N 12.6E
37.4N 1.7E
36.0N 35.2E
36.0N 4.3W
36.5N 0.7W
WAVE HEIGHT H

WAVE HEIGHT AND PERIOD



WAVE HEIGHT AND PERIOD (Cont'd)

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42.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
39.5N 2.2E
39.8N 5.7E
39.8N 7.4E
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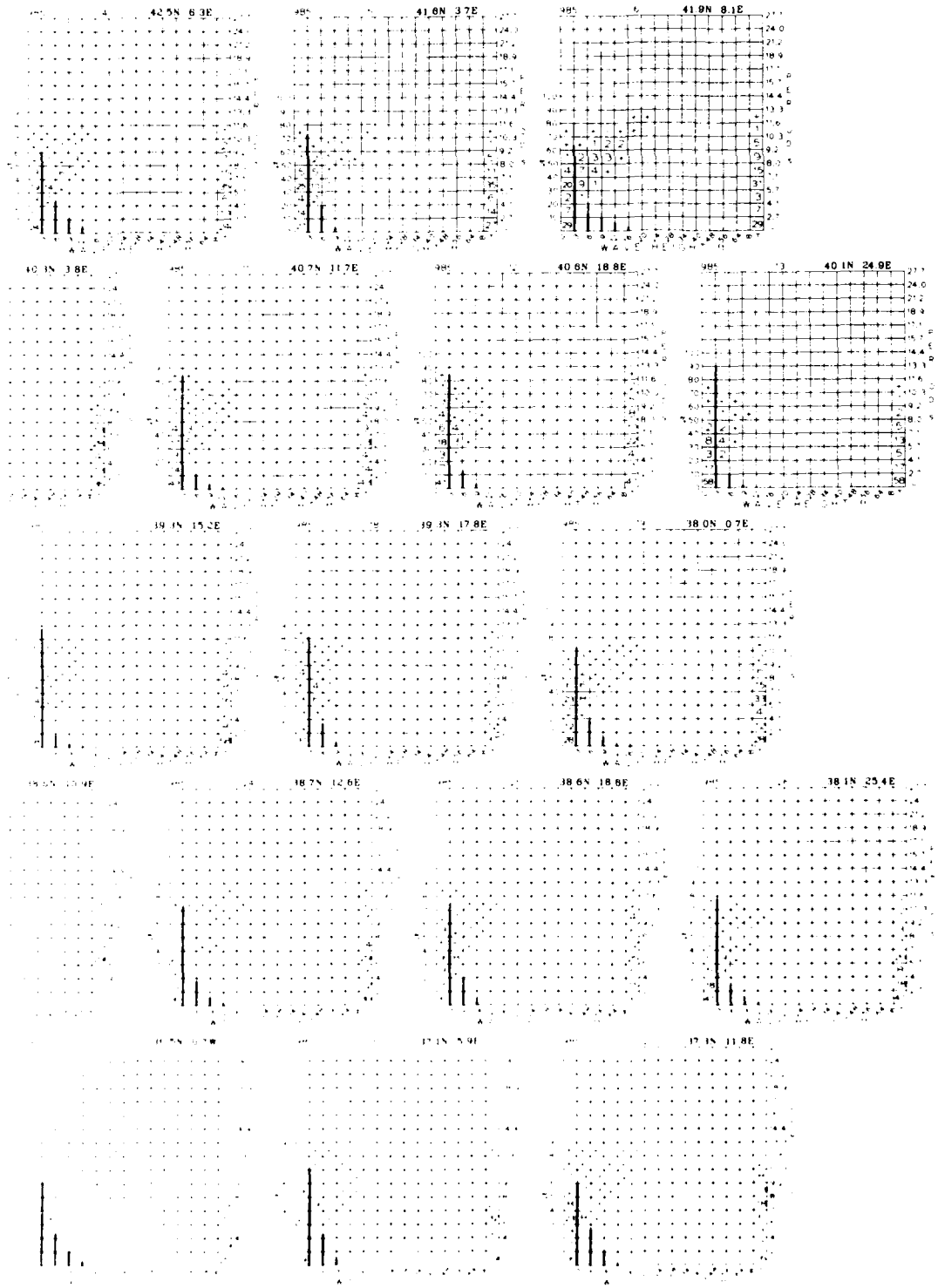
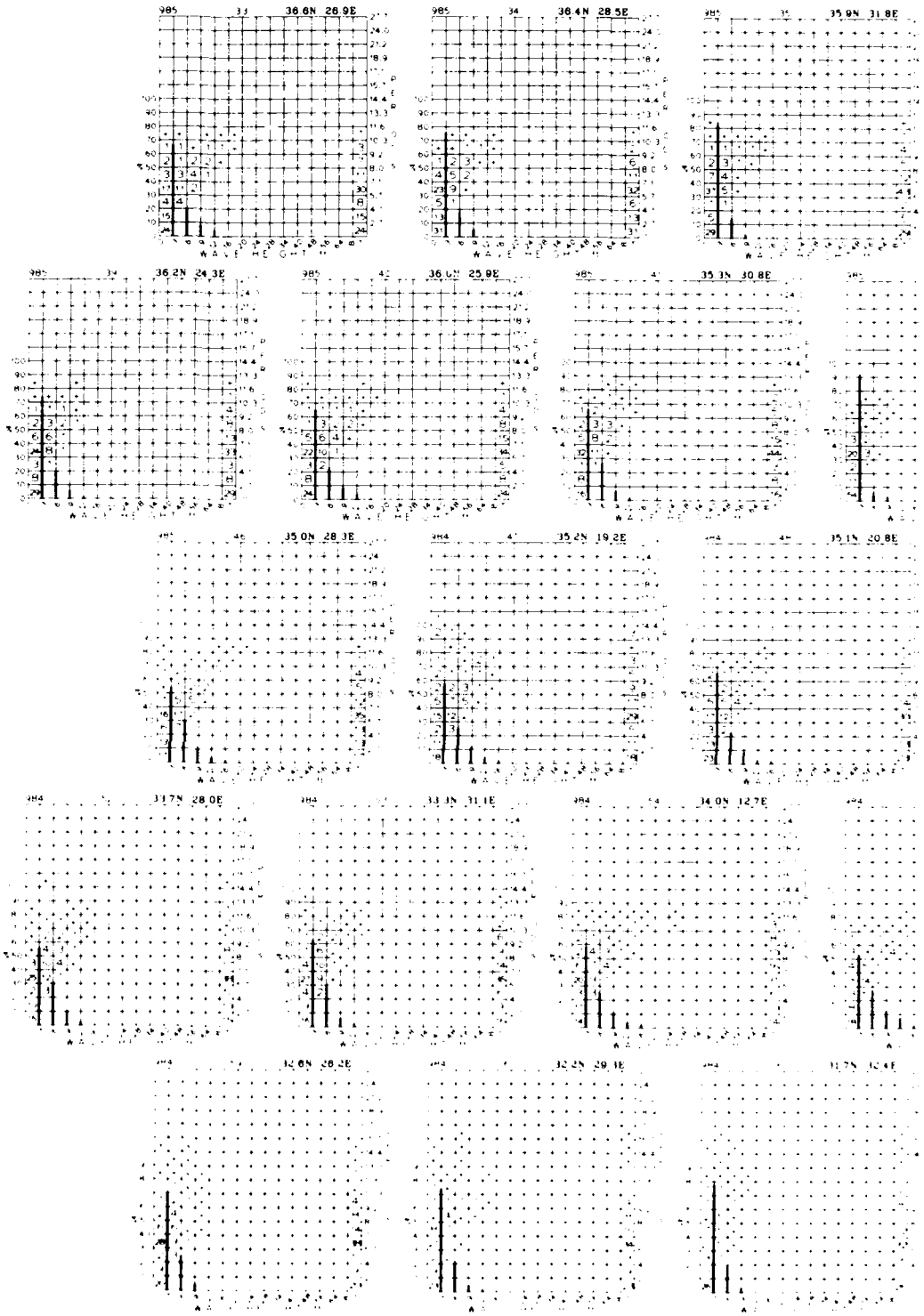
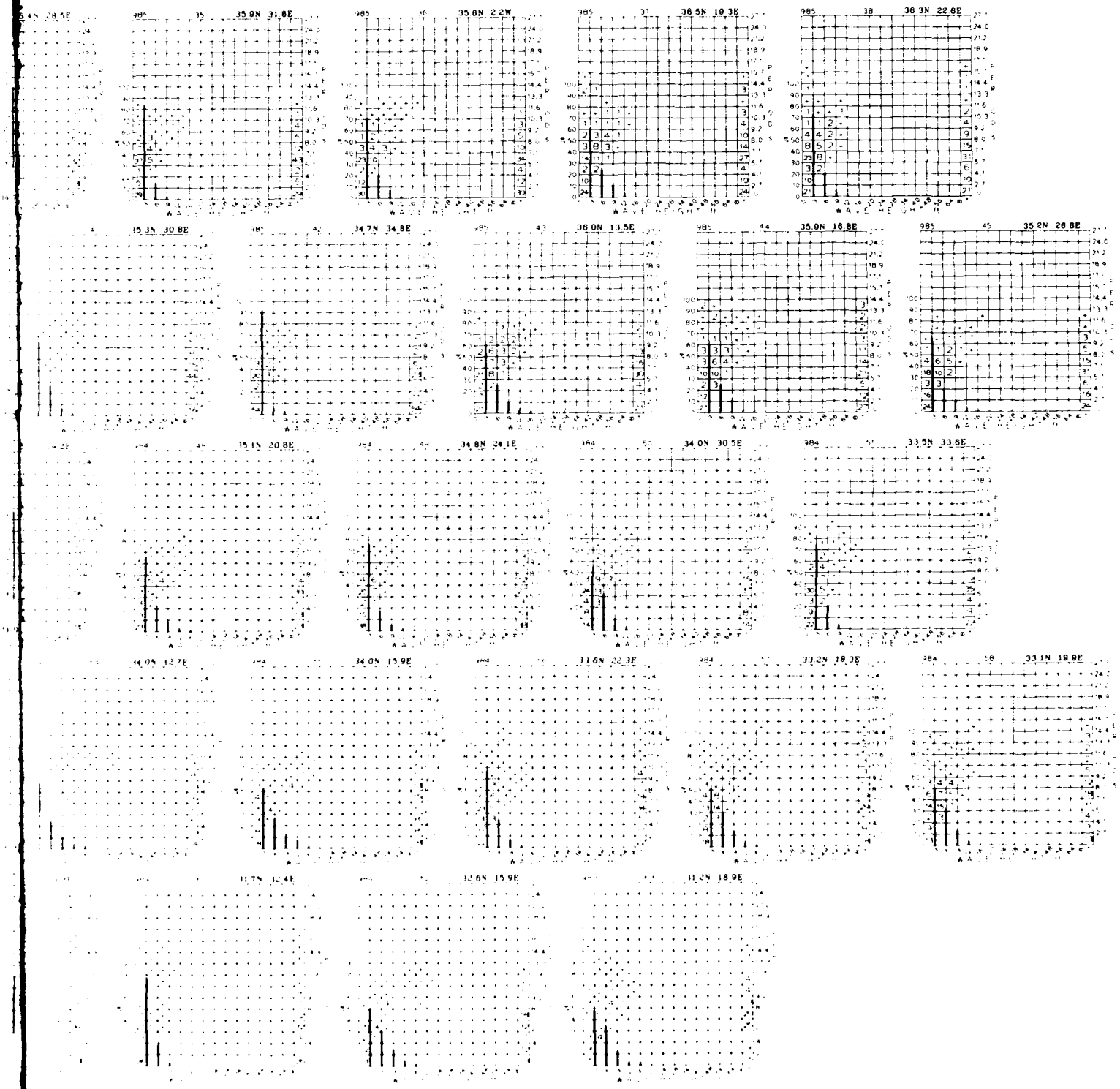
38.6N 9.2E
38.6N 10.9E

WAVE HEIGHT AND PERIOD



WAVE HEIGHT AND PERIOD (Cont'd)

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35.9N 16.8E
35.2N 26.8E
35.1N 20.8E
34.8N 24.1E
34.0N 30.5E
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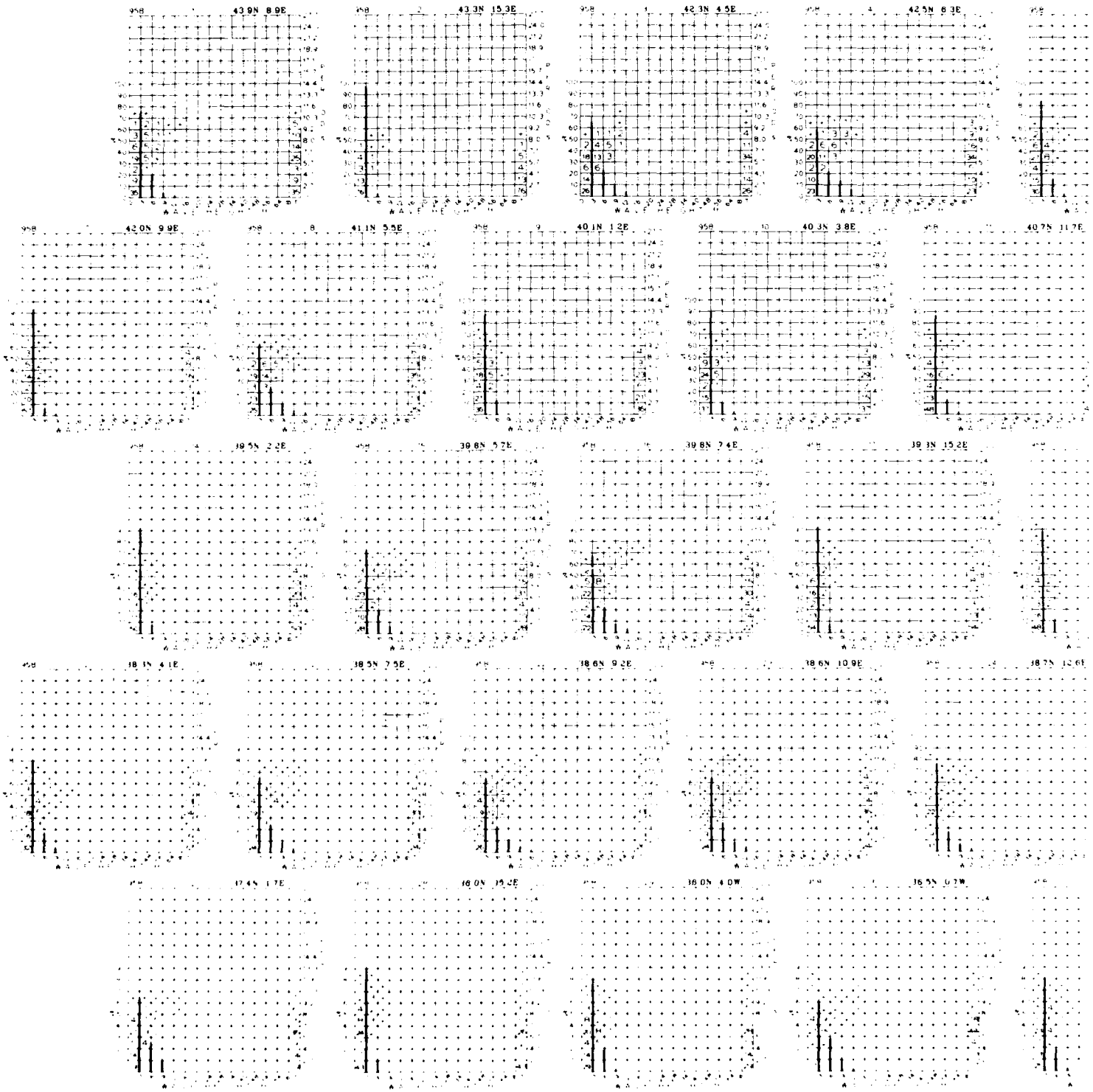
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40.7N 11.7E
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39.8N 5.7E
39.8N 7.4E
39.3N 15.2E
38.1N 4.1E
38.5N 7.5E
38.6N 9.2E
38.6N 10.9E
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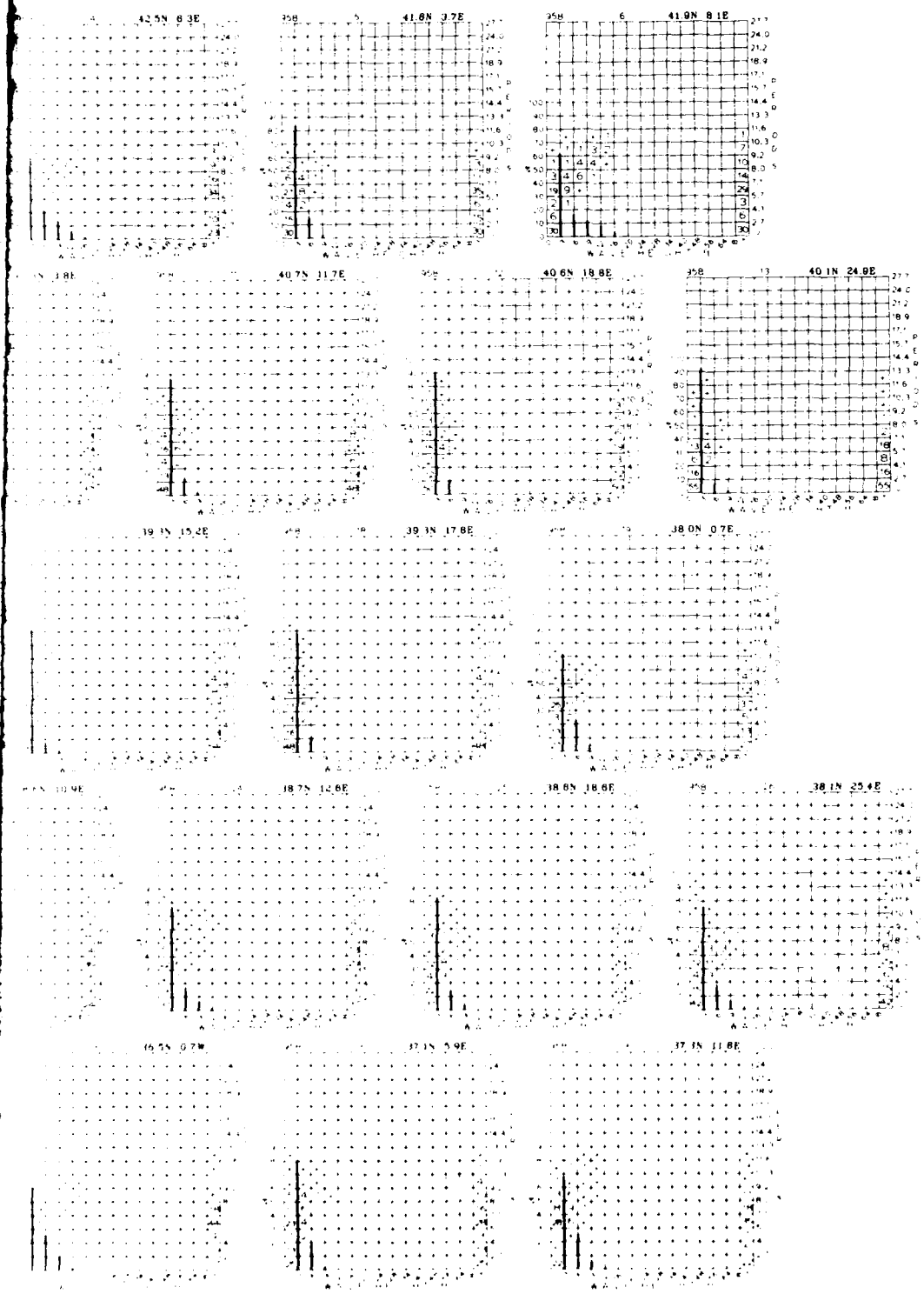
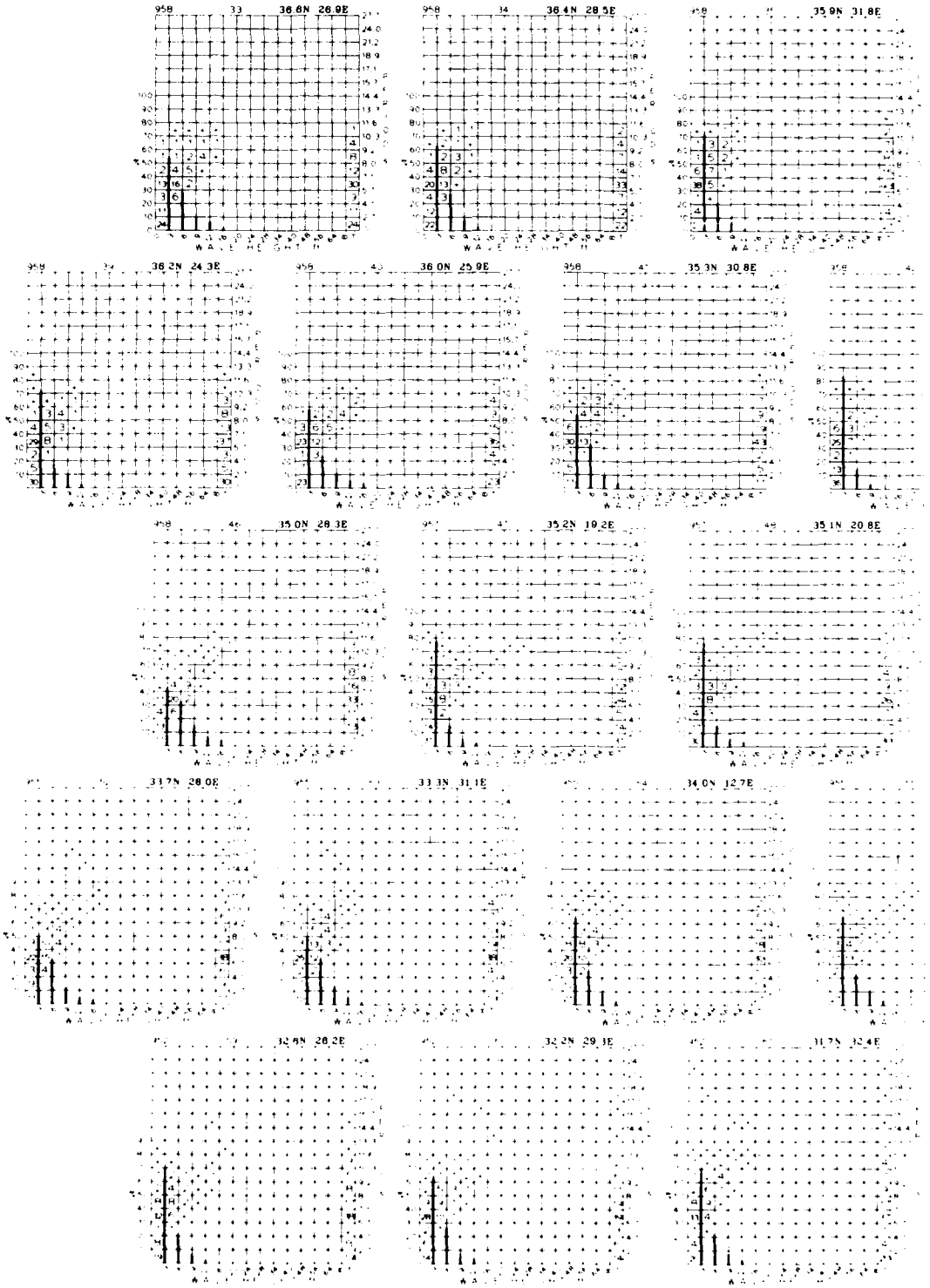
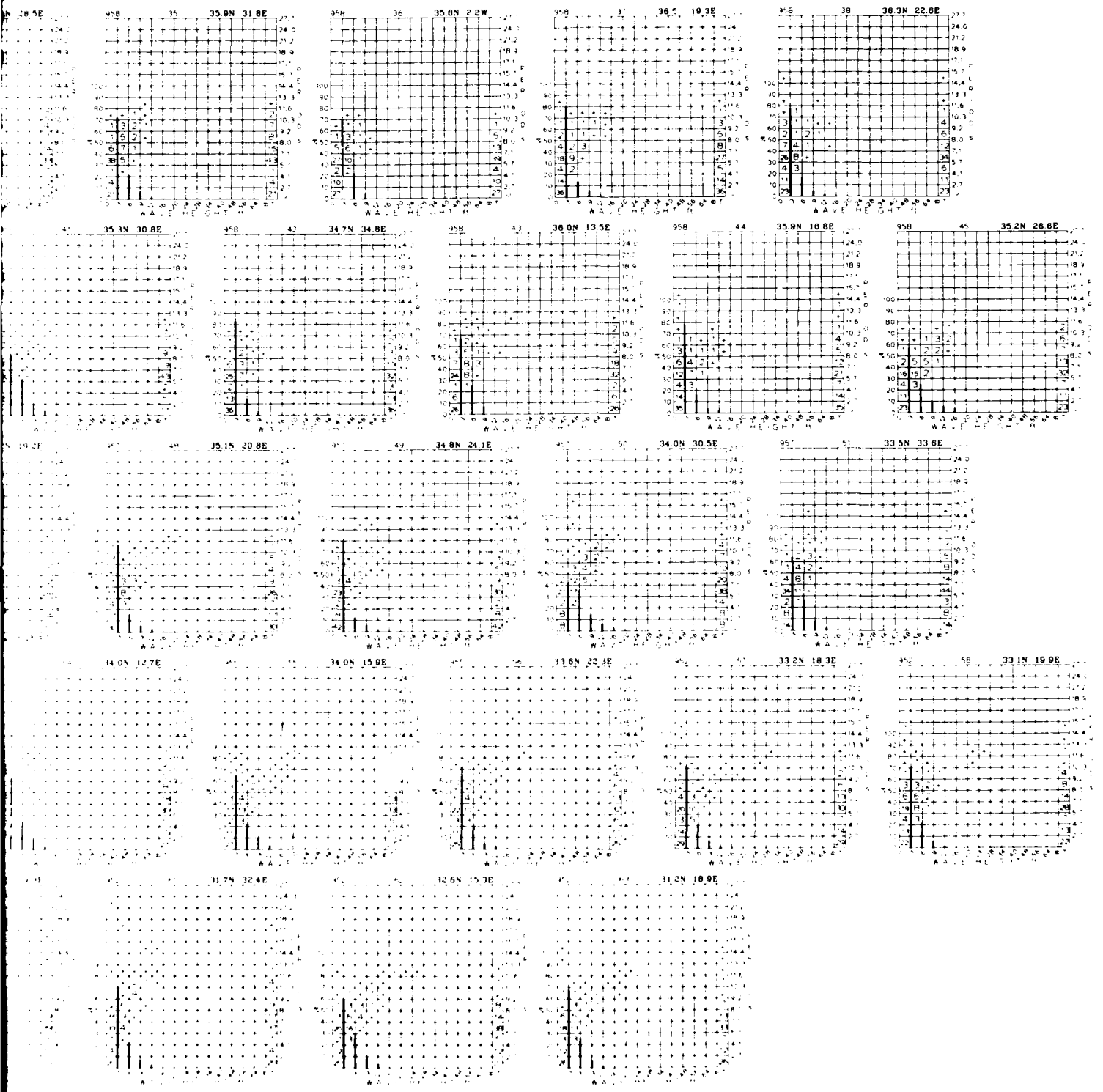
36.0N 4.0W
36.5N 0.7W

WAVE HEIGHT AND PERIOD



WAVE HEIGHT AND PERIOD (Cont'd)

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35.9N 16.8E
35.2N 26.6E
35.1N 20.8E
34.8N 24.1E
34.0N 30.5E
33.5N 33.6E
34.0N 15.9E
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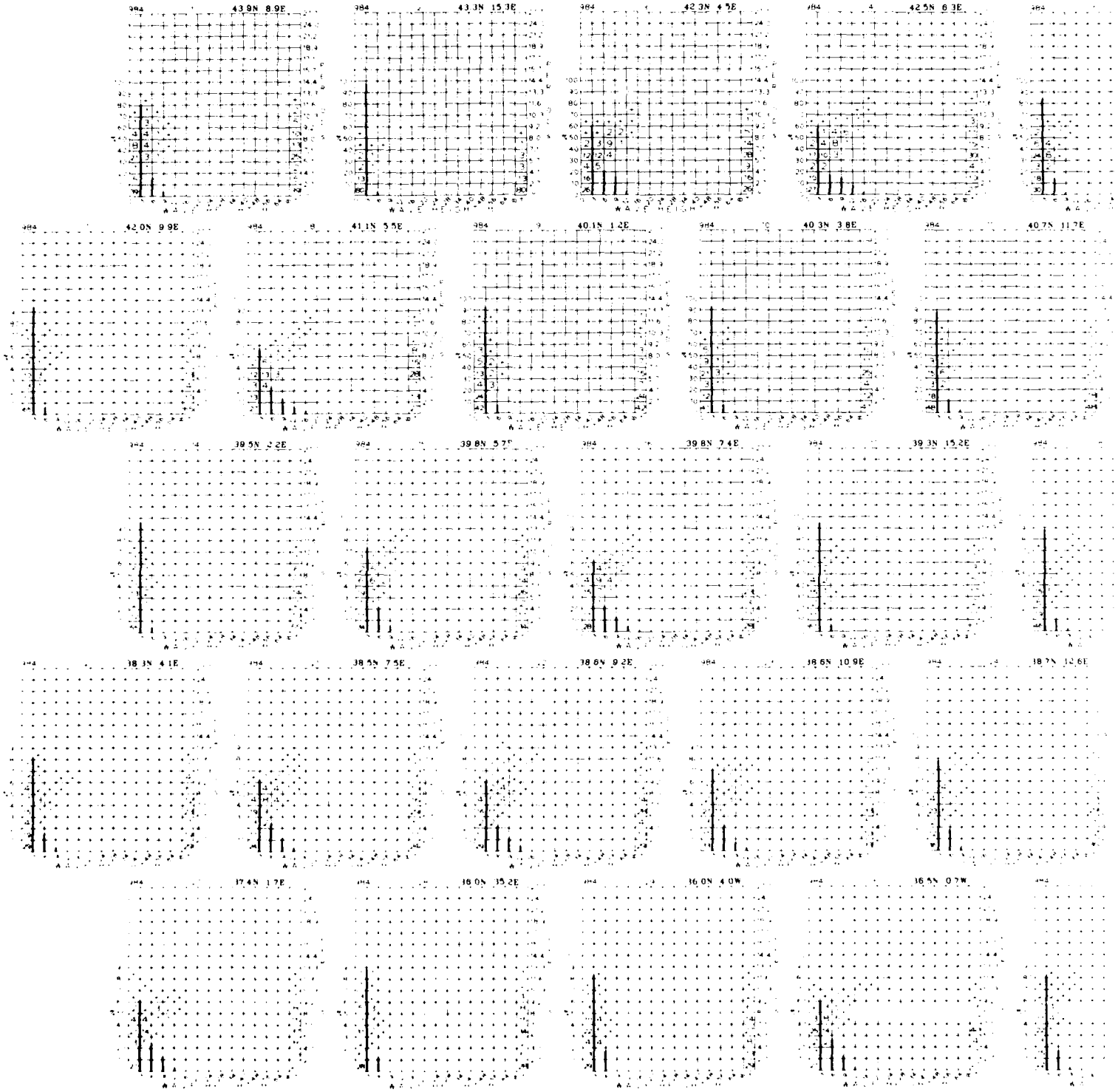
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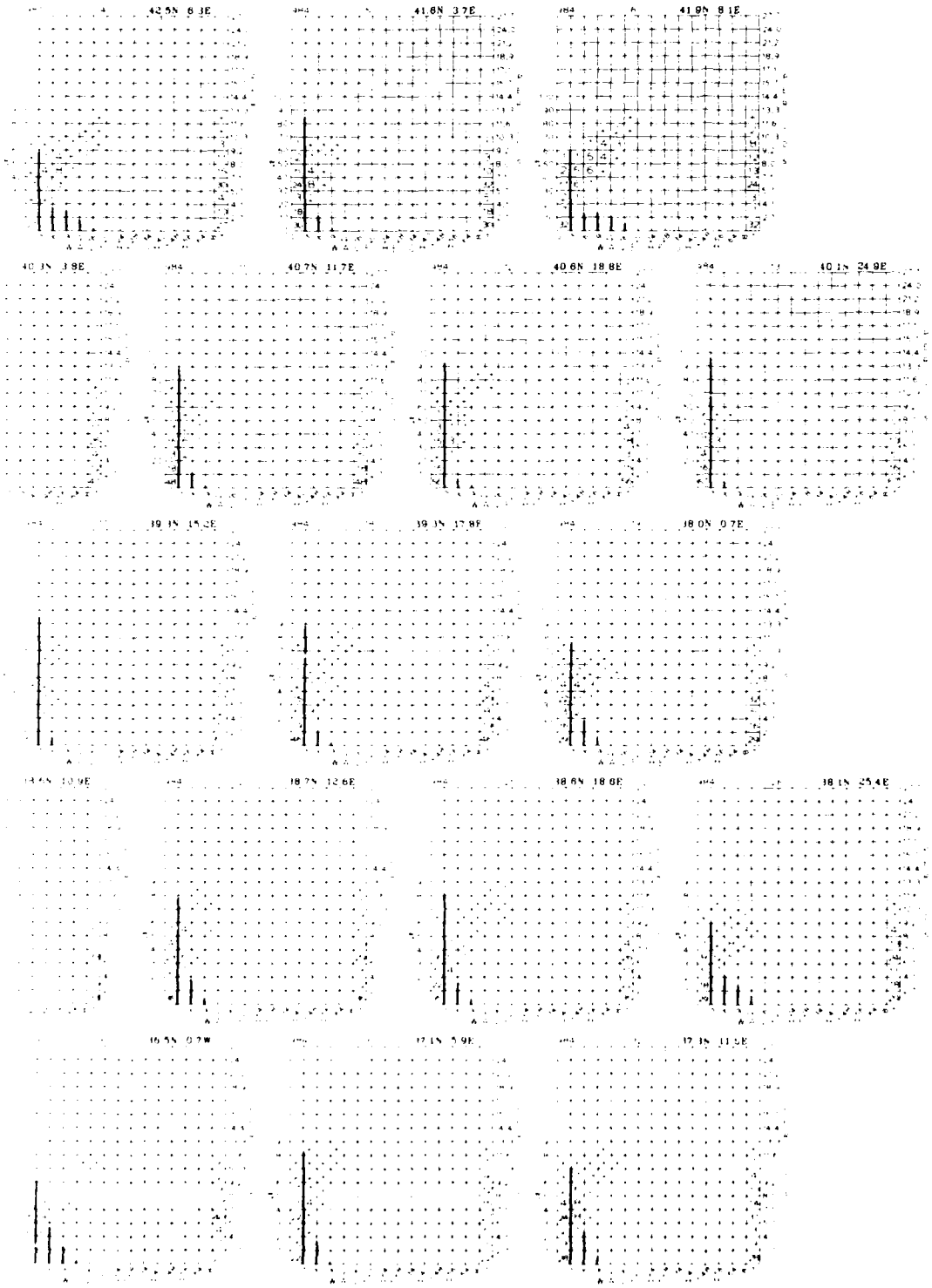
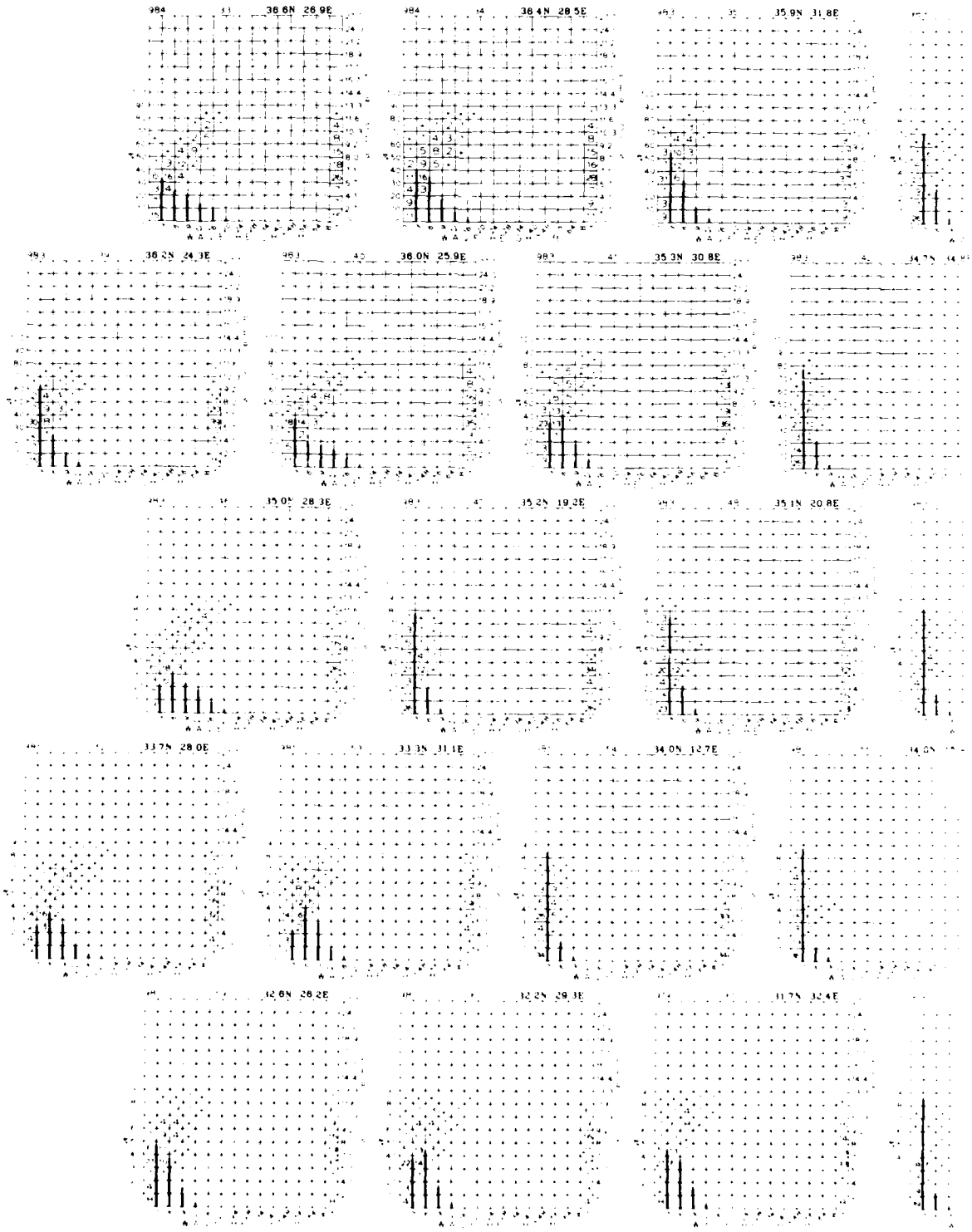
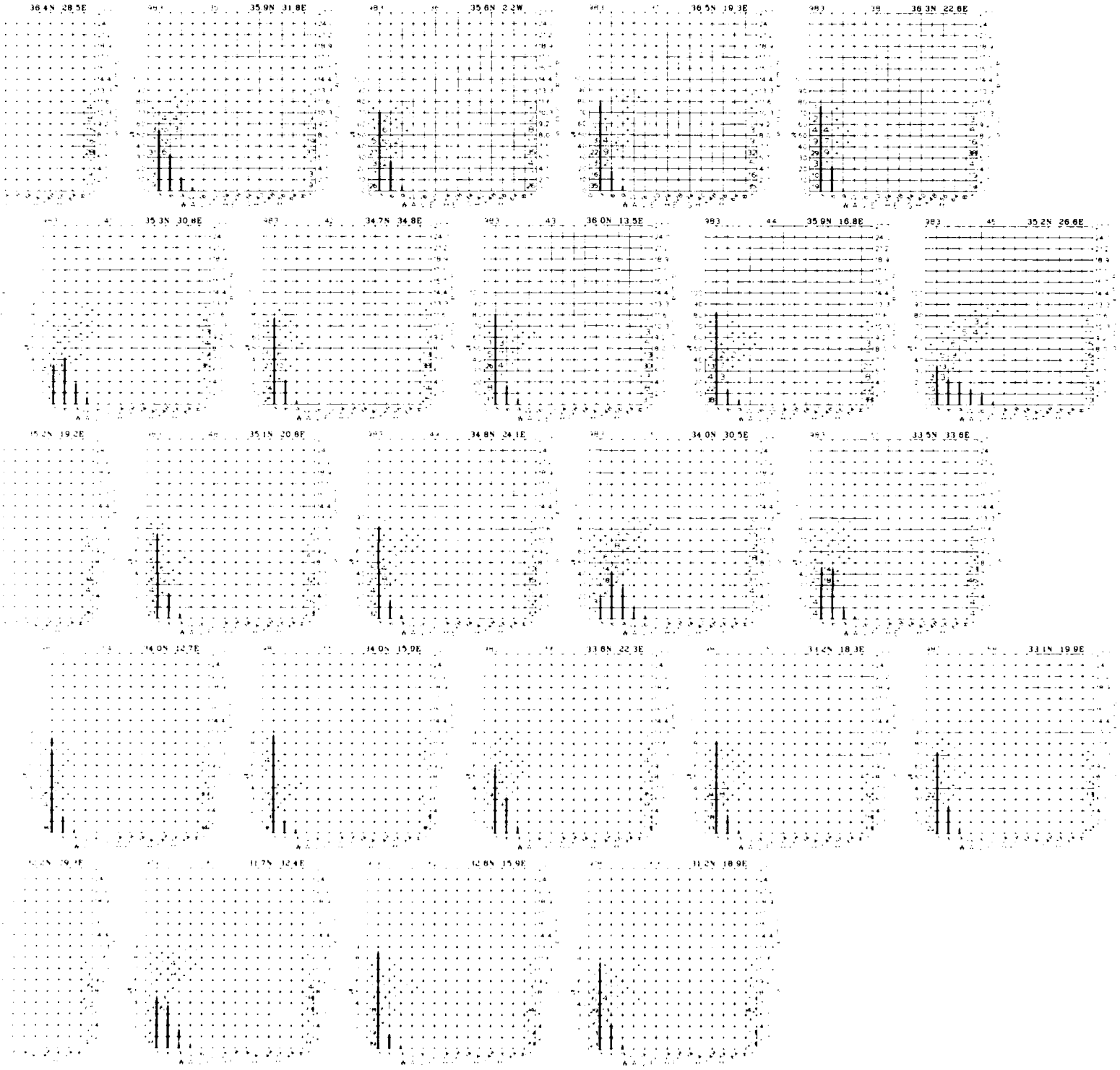
WAVE HEIGHT AND PERIOD



WAVE HEIGHT AND PERIOD (Cont'd)

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36.3N 22.8E
35.3N 30.8E
34.7N 34.8E
36.0N 13.5E
35.9N 16.8E
35.2N 26.6E
35.1N 20.8E
34.8N 24.1E
34.0N 30.5E
33.5N 33.6E
34.0N 32.7E
34.0N 15.9E
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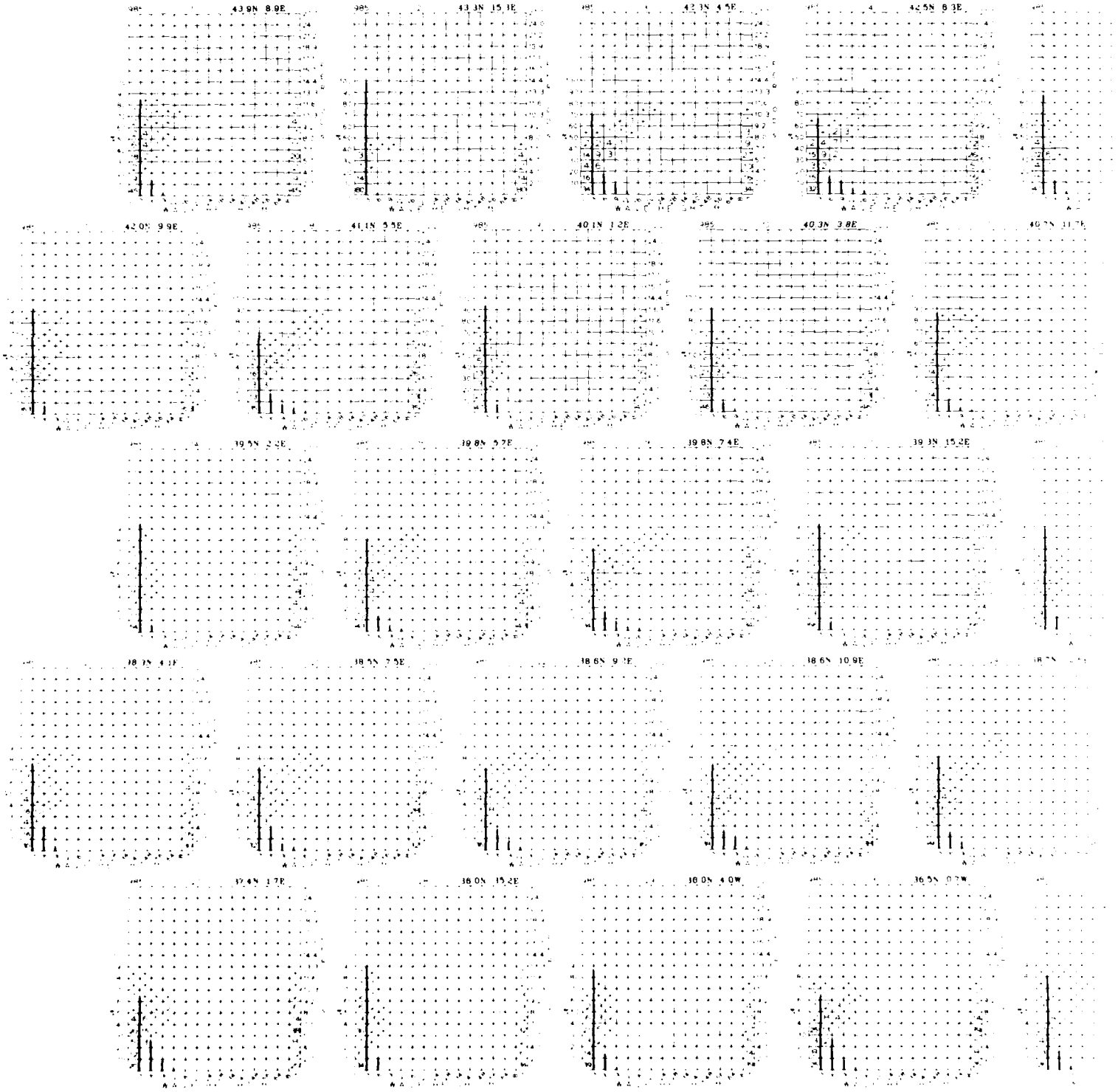
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41.1N 5.5E
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40.3N 3.8E
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38.6N 9.2E
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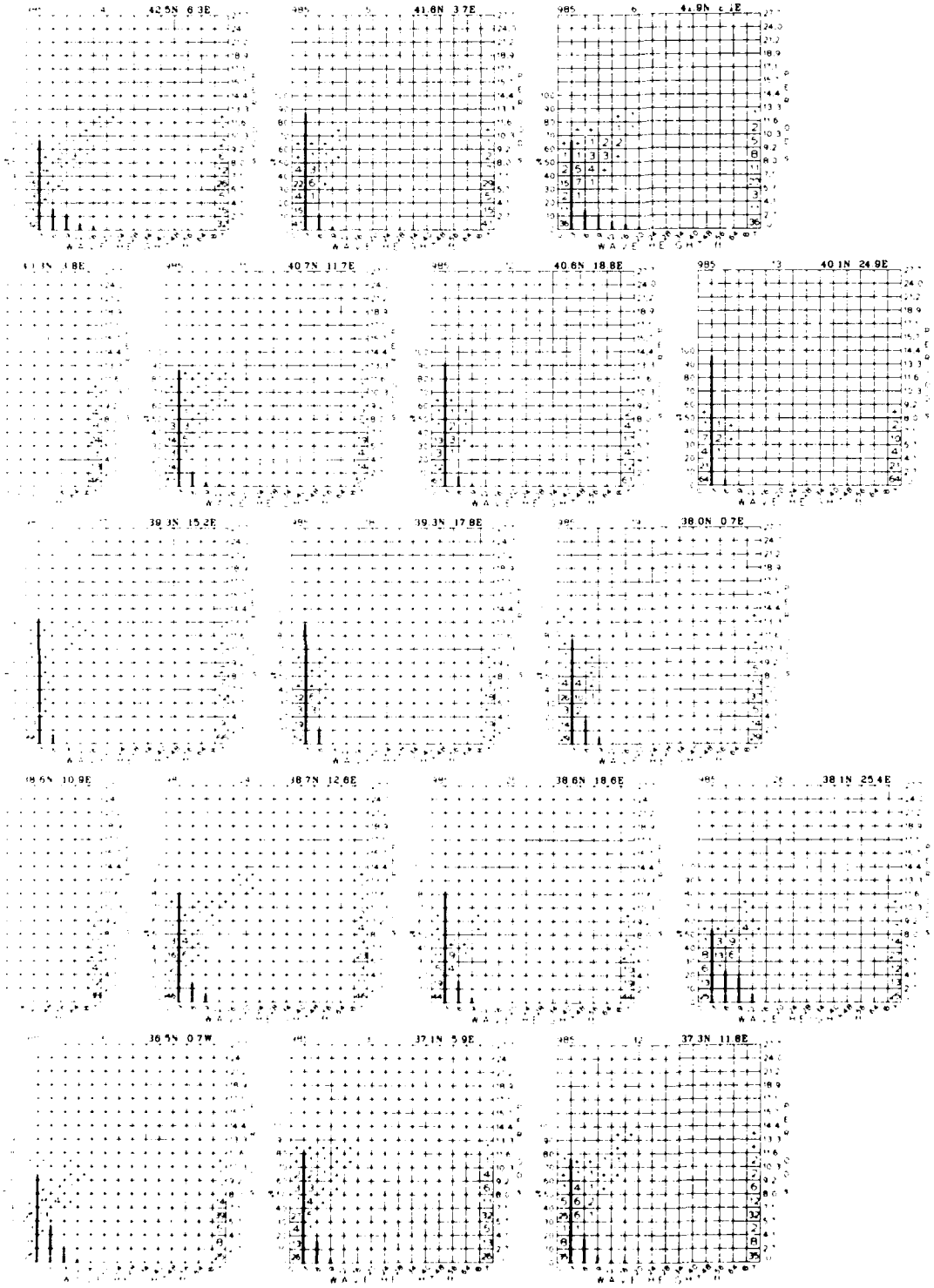
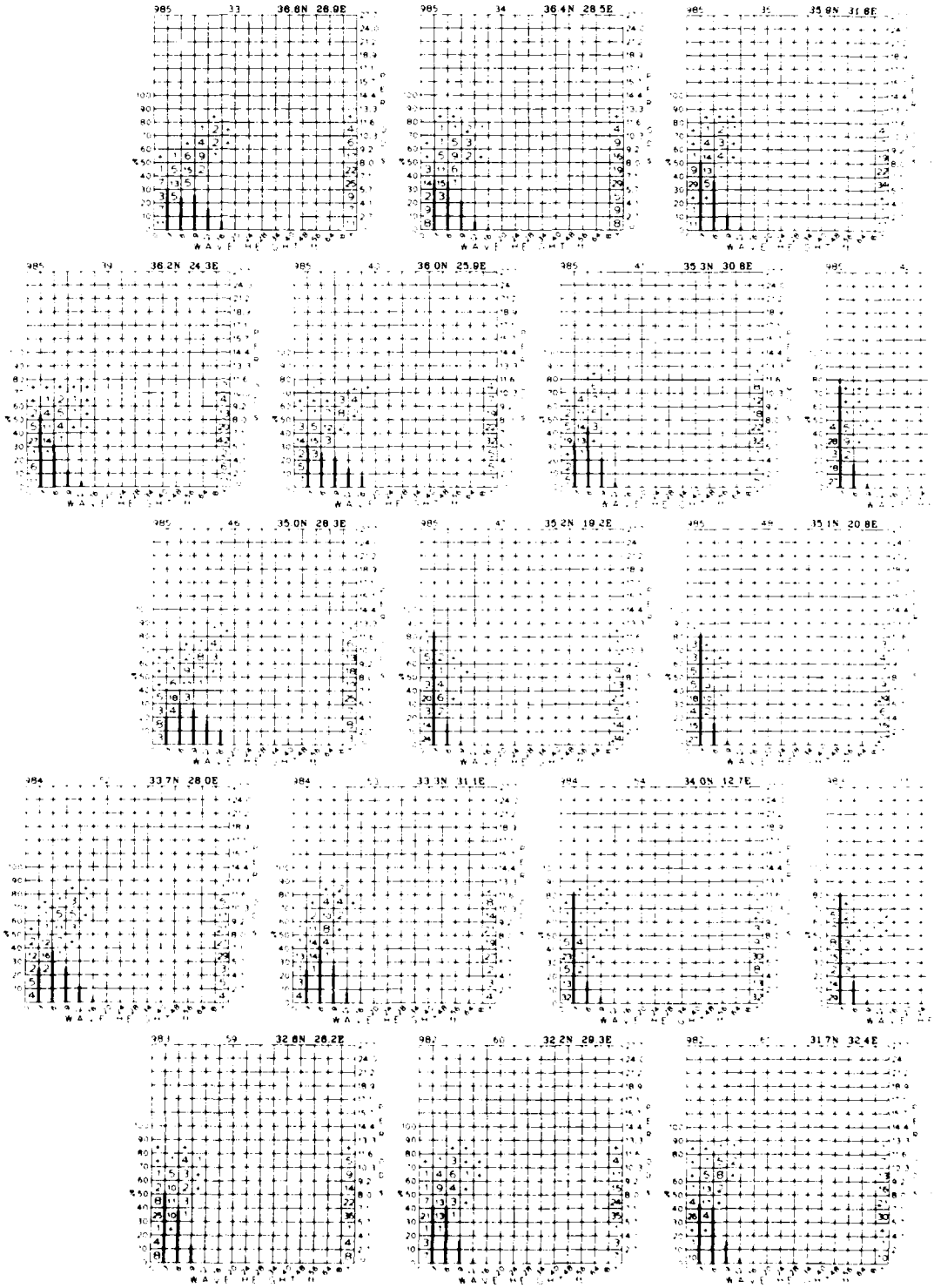
36.0N 4.0W
36.5N 0.7W

WAVE HEIGHT AND PERIOD

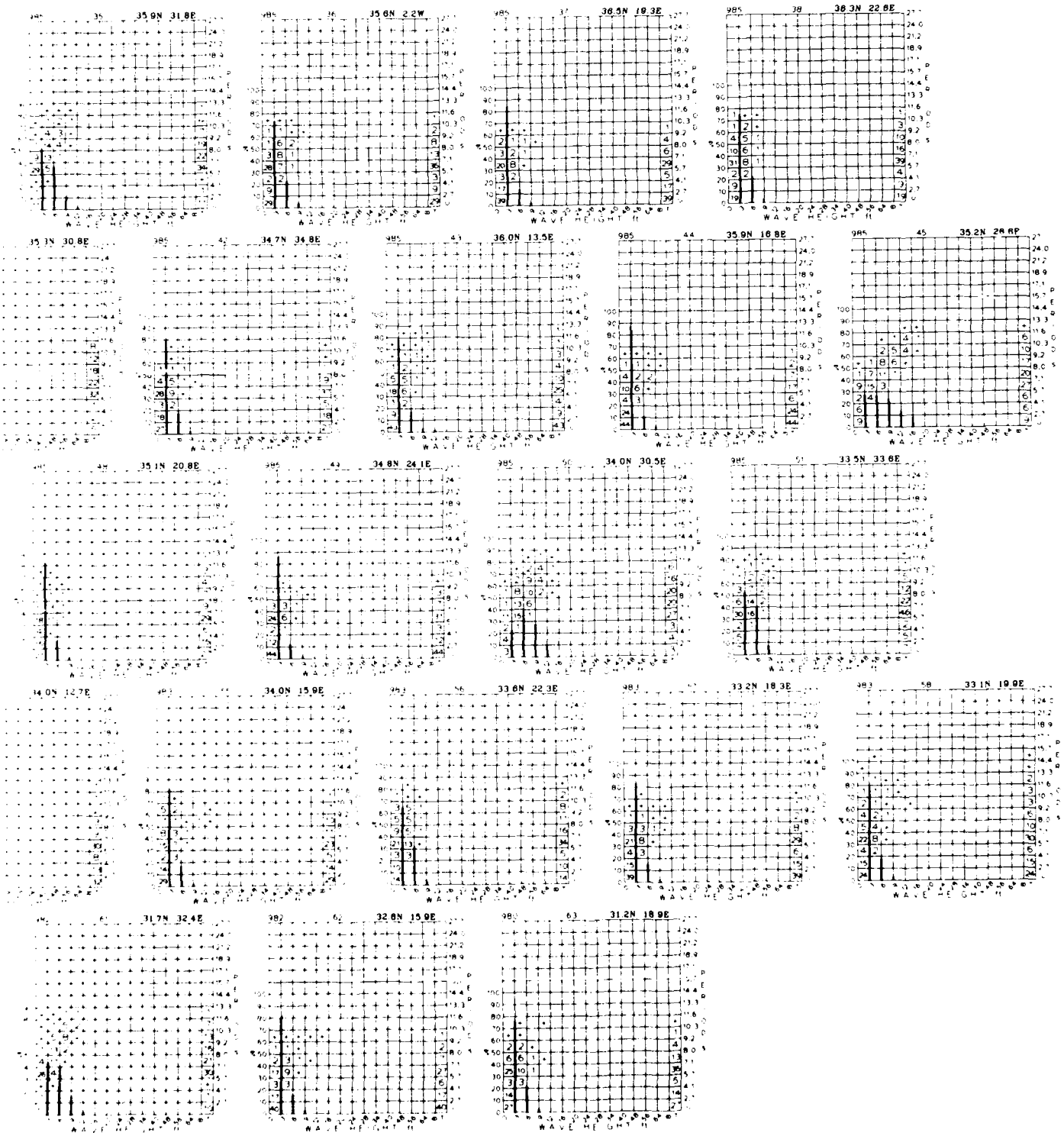


WAVE HEIGHT AND PERIOD (Cont'd)



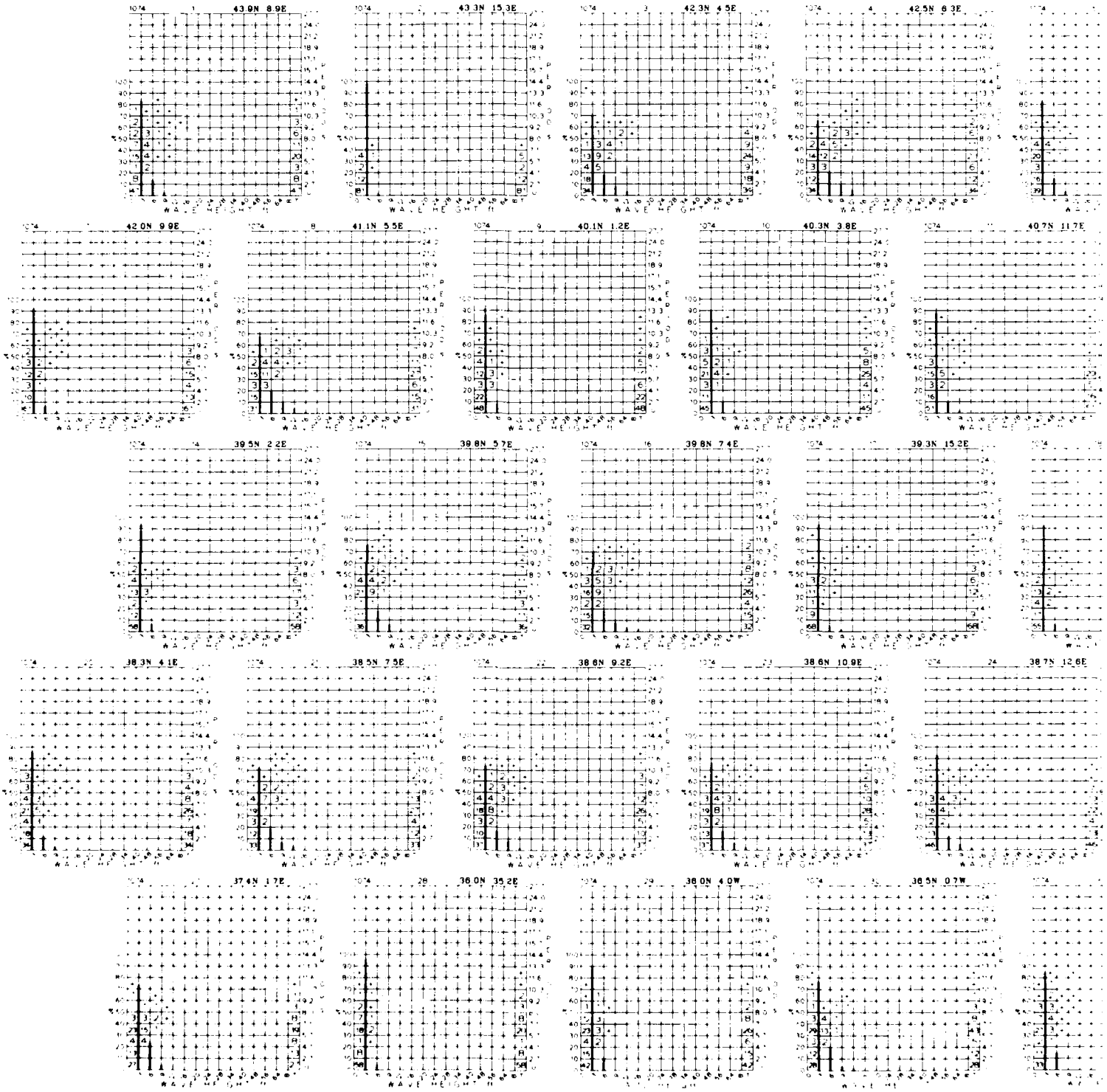
(Cont'd)

AUGUST

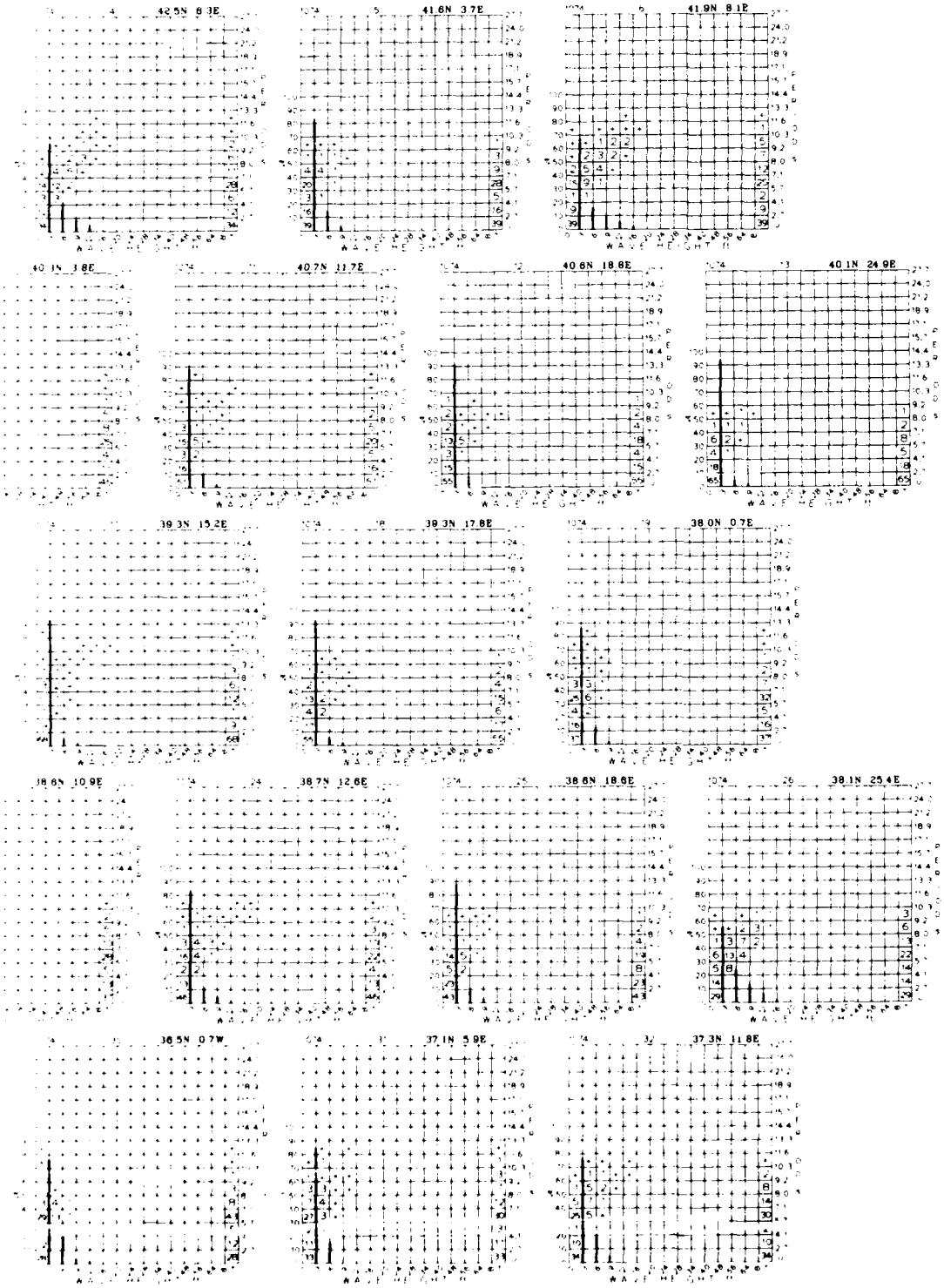


SEPTEMBER

WAV

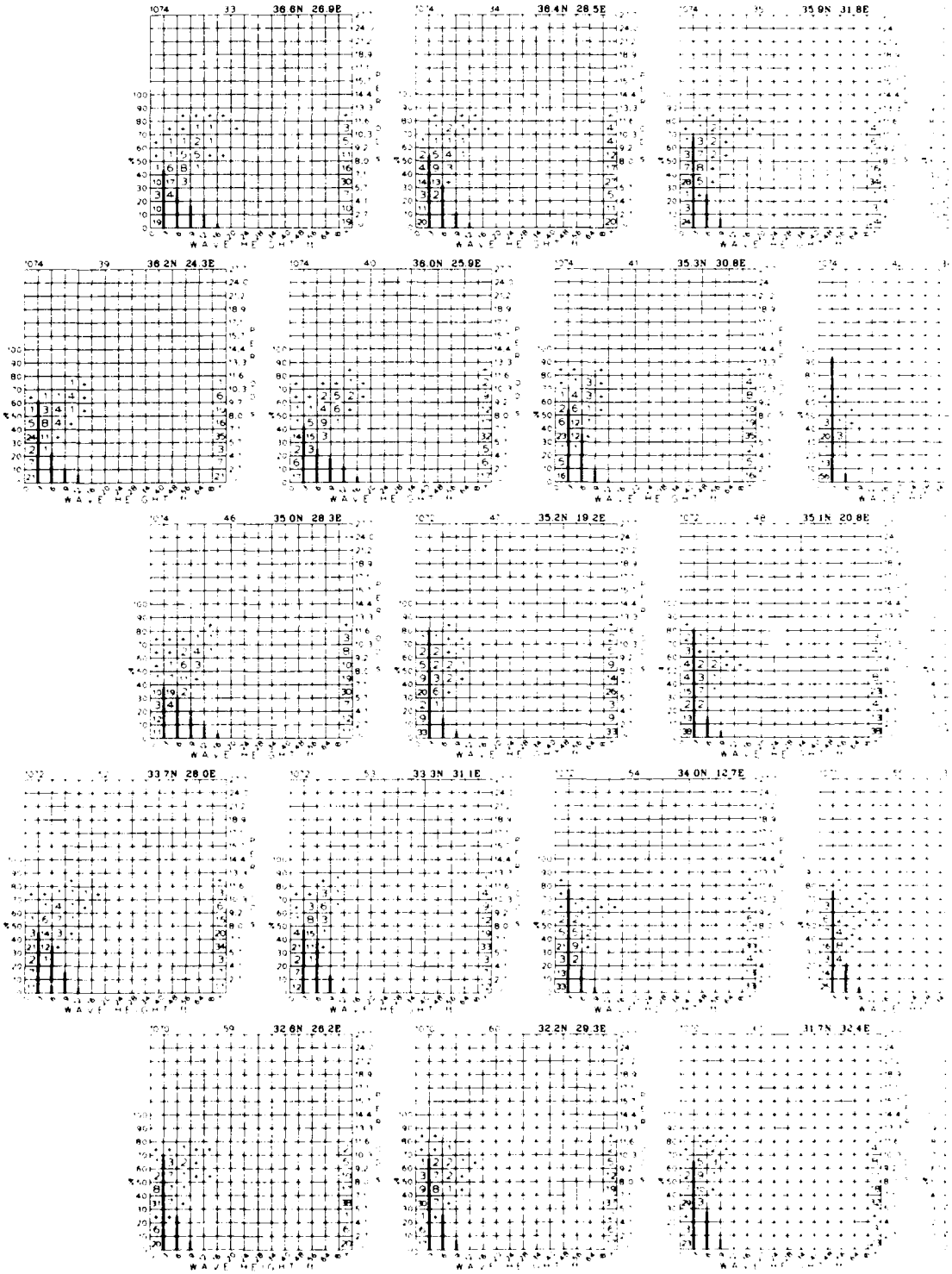


WAVE HEIGHT AND PERIOD



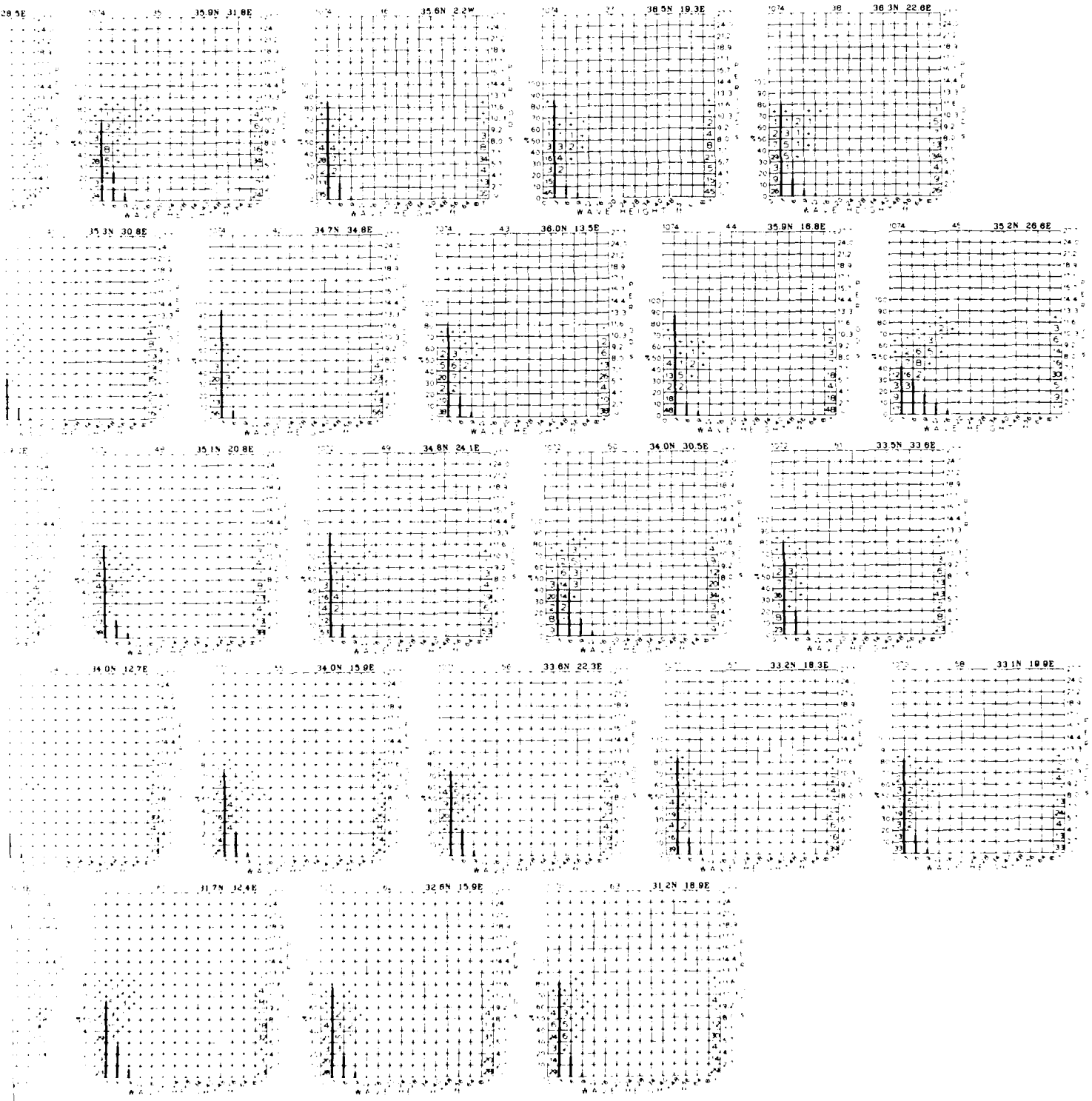
134 A

WAVE HEIGHT AND PERIOD (Cont'd)



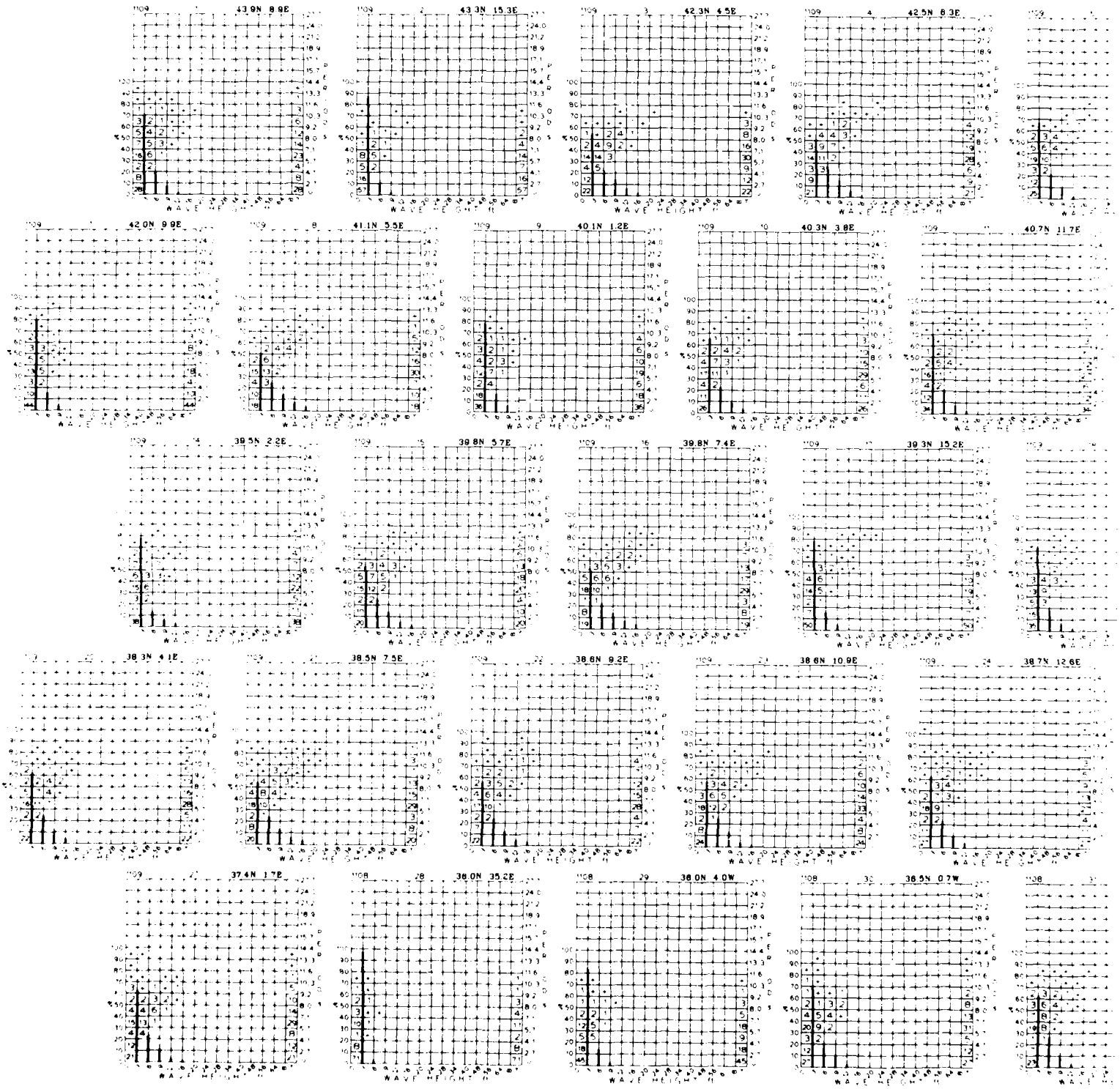
D (Cont'd)

SEPTEMBER

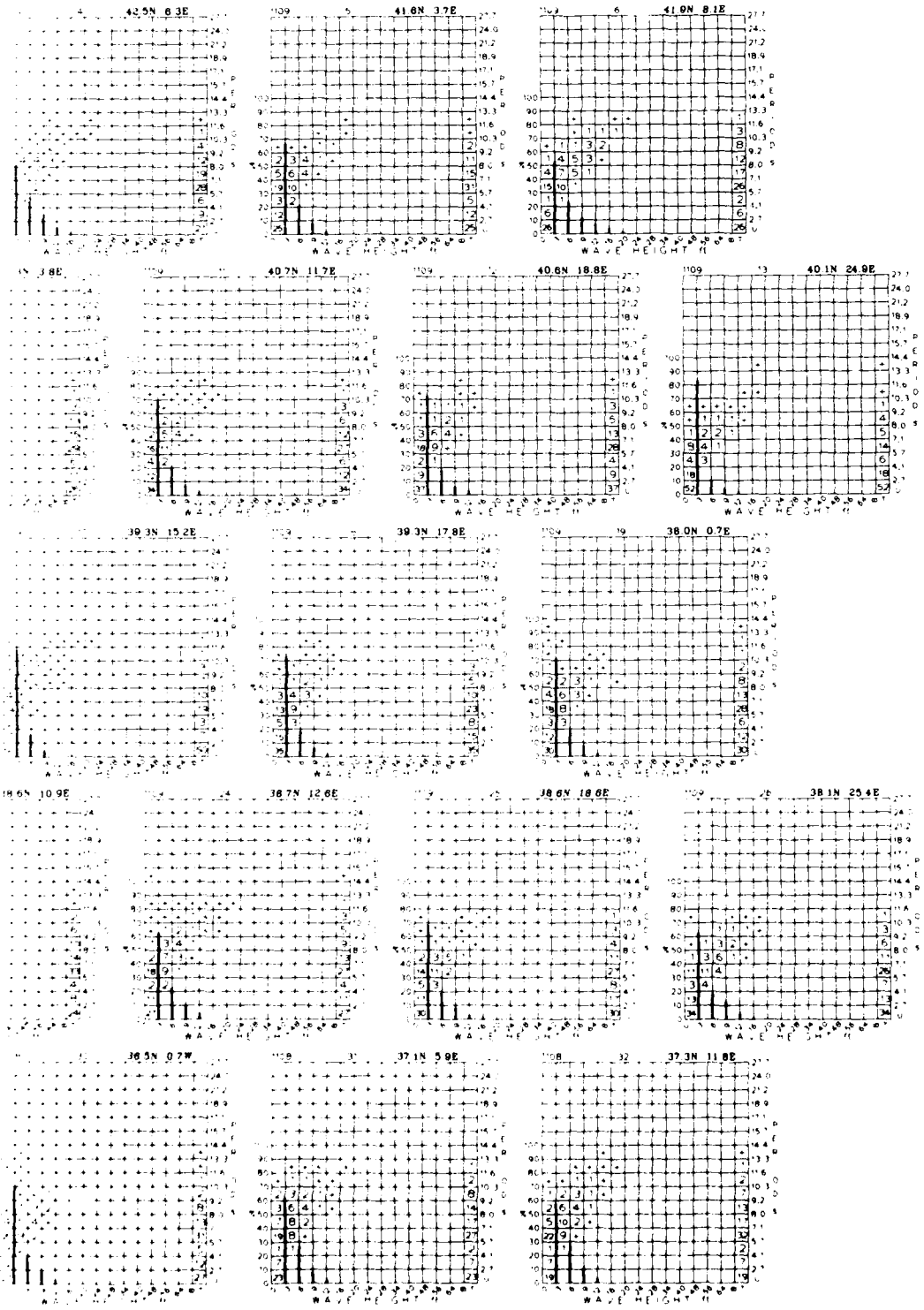


OCTOBER

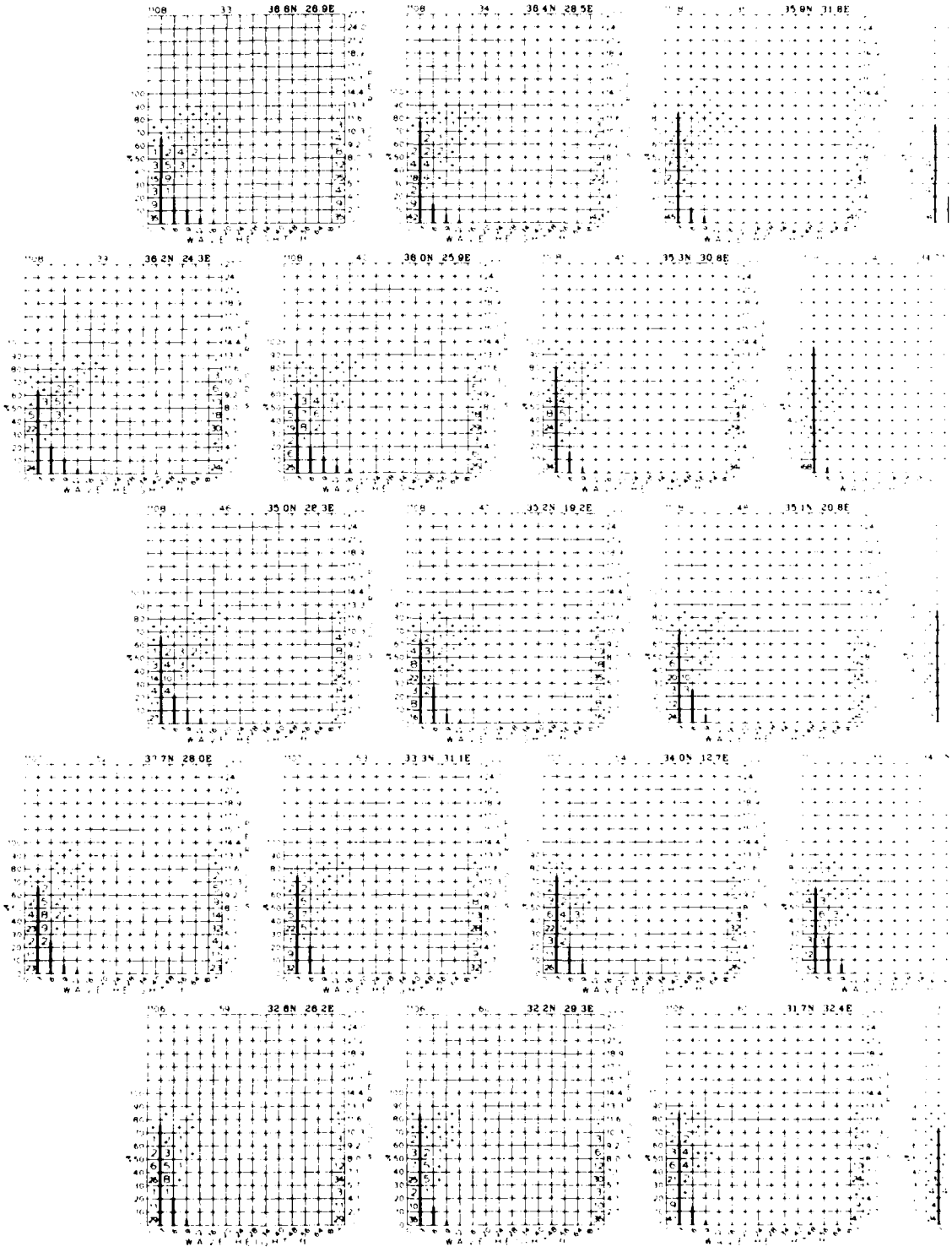
WAVE



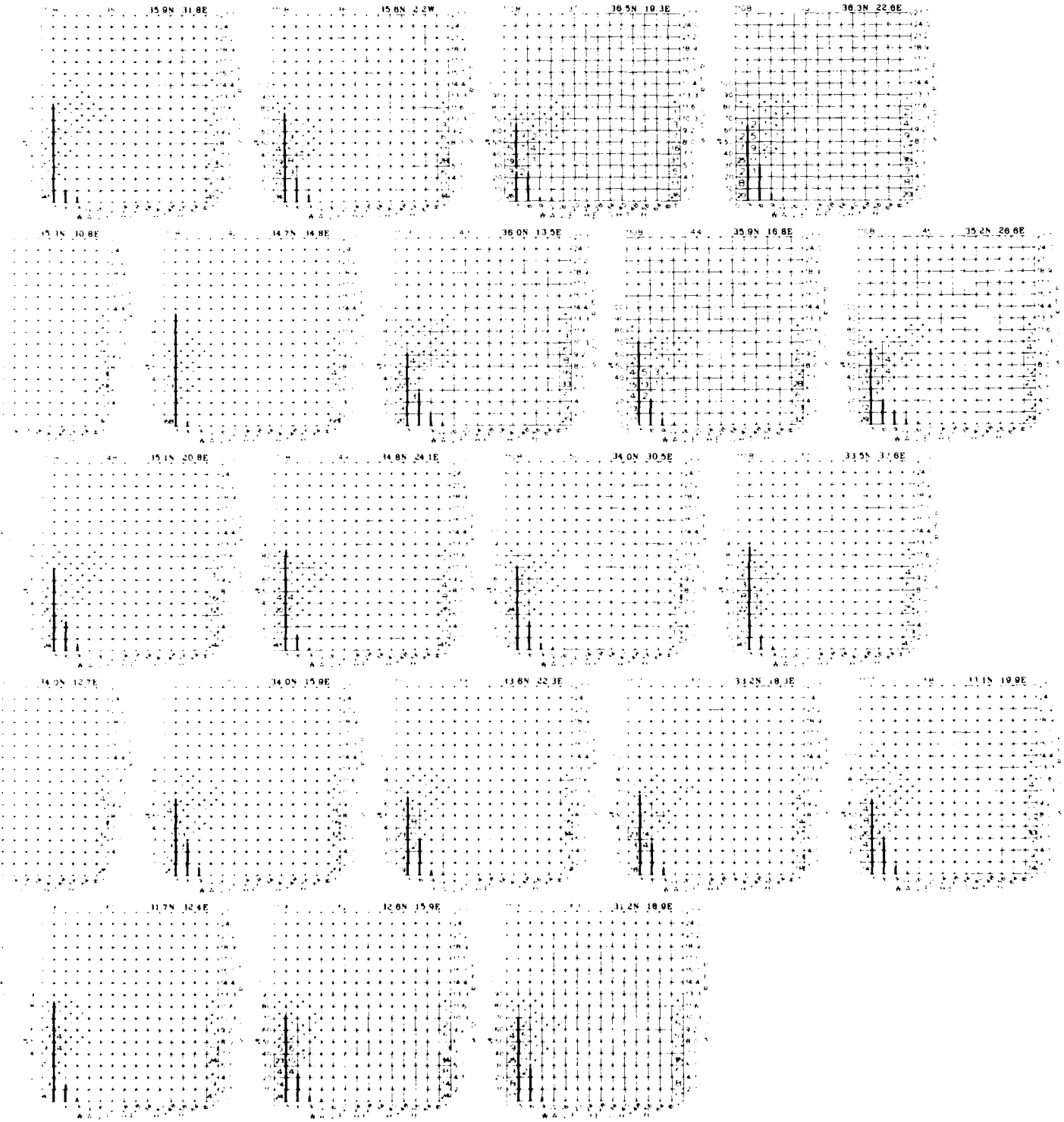
WAVE HEIGHT AND PERIOD

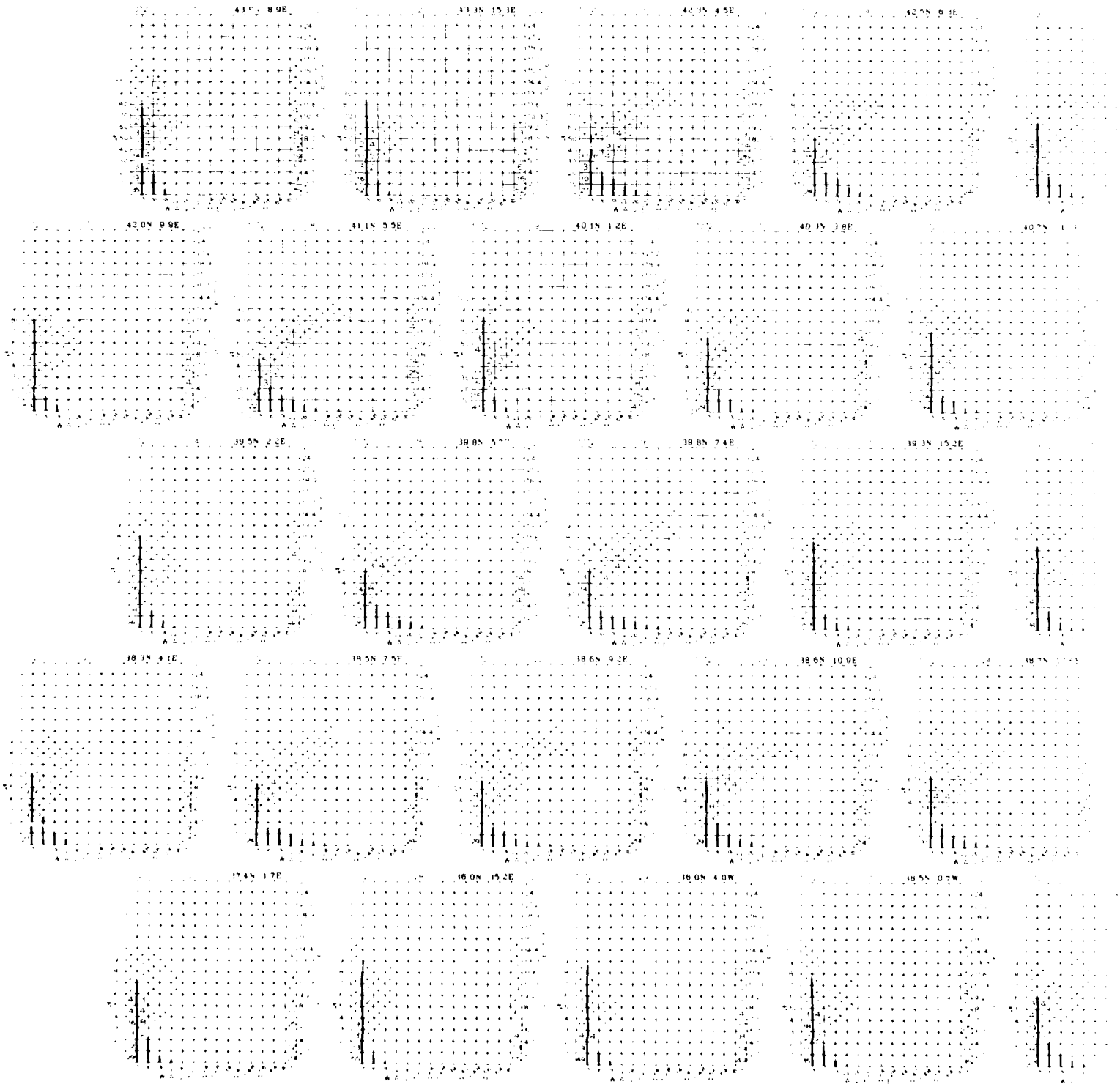


WAVE HEIGHT AND PERIOD (Cont'd)

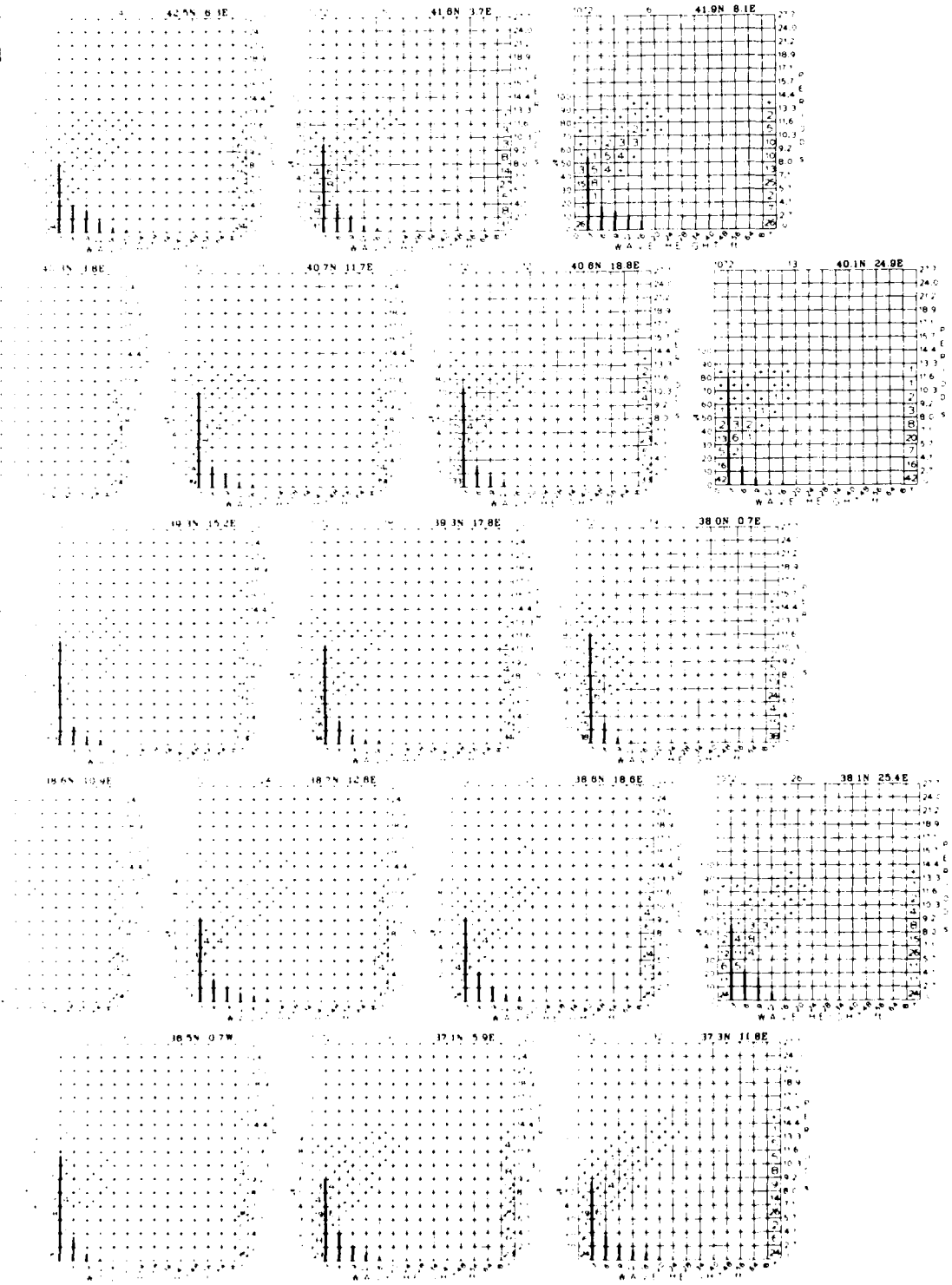


OCTOBER


35.9N 31.8E
35.6N 2.2W
36.5N 19.3E
36.3N 22.8E
35.1N 10.8E
34.7N 14.8E
36.0N 13.5E
35.9N 16.8E
35.2N 28.6E
35.1N 20.8E
34.8N 24.1E
34.0N 30.5E
33.5N 31.6E
34.0N 12.7E
34.0N 15.9E
33.6N 22.3E
33.2N 18.3E
33.1N 19.9E
31.7N 32.4E
32.6N 15.9E
31.2N 18.9E


43.3N 15.3E
42.3N 4.5E
42.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
39.5N 2.2E
39.8N 7.4E
39.3N 15.2E
38.3N 4.1E
39.5N 7.5E
38.6N 9.2E
38.6N 10.9E
37.4N 1.7E
36.0N 15.2E
36.0N 4.0W
36.5N 0.7W

WAVE HEIGHT AND PERIOD



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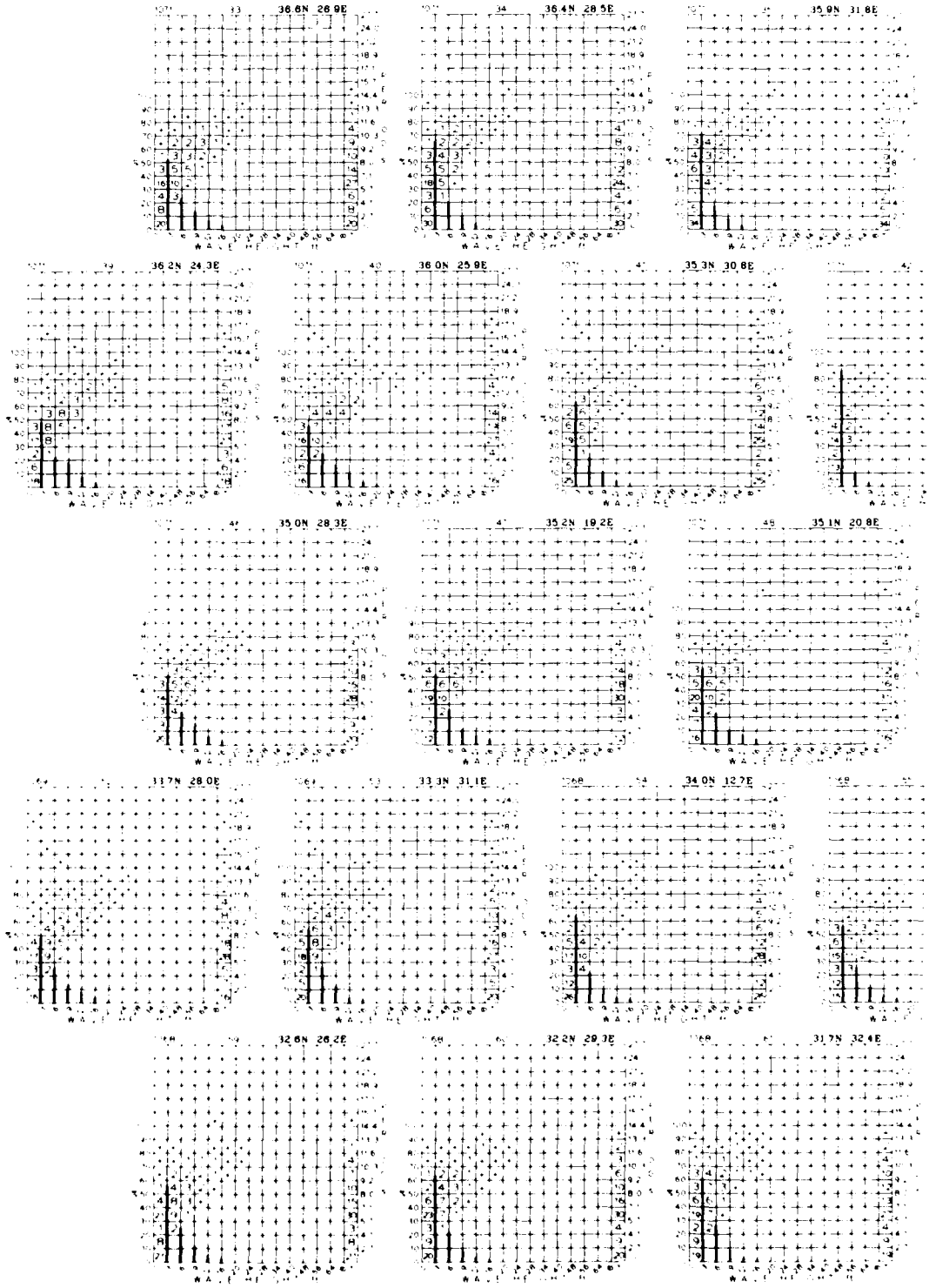
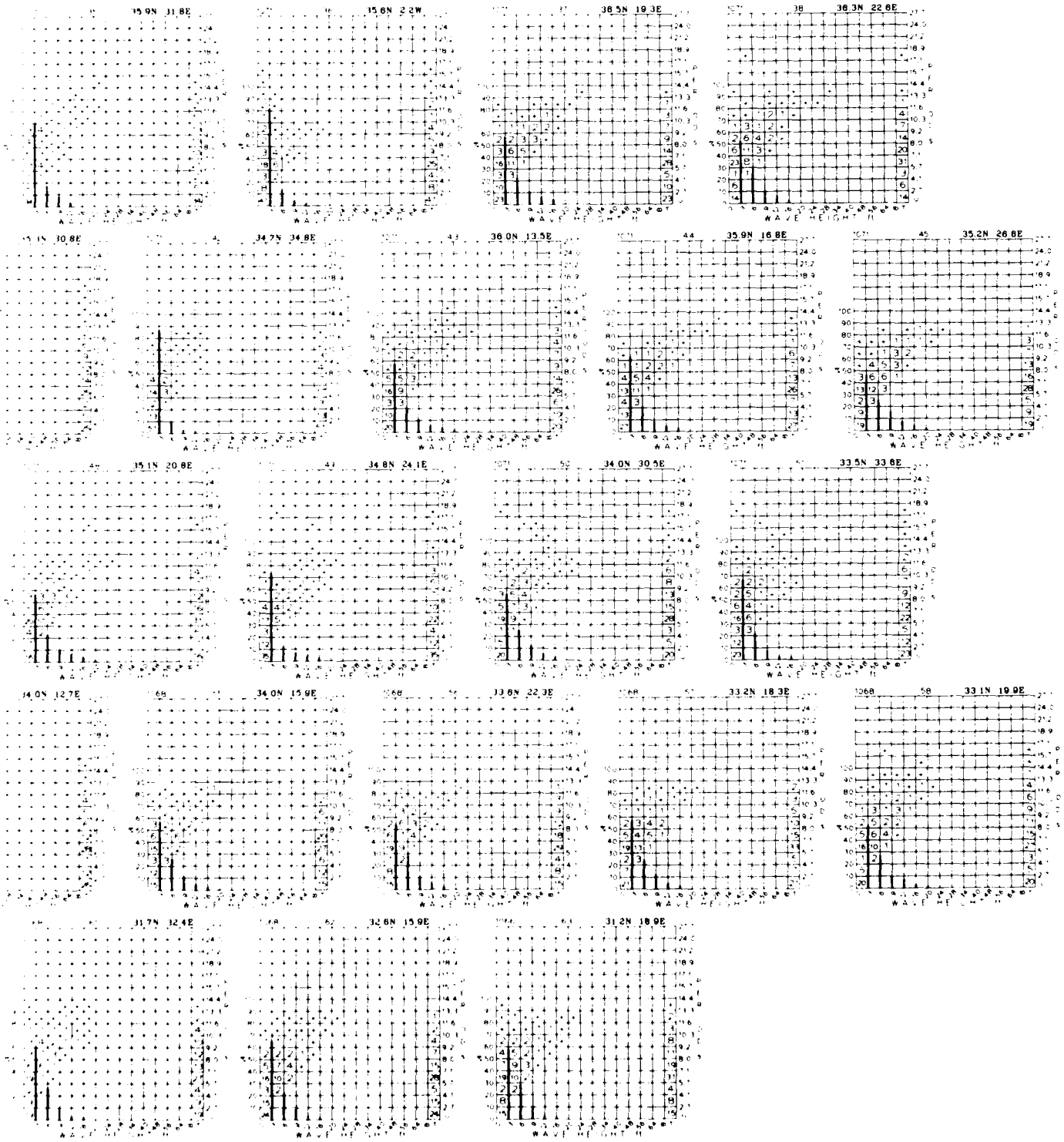
WAVE HEIGHT AND PERIOD (Cont'd)



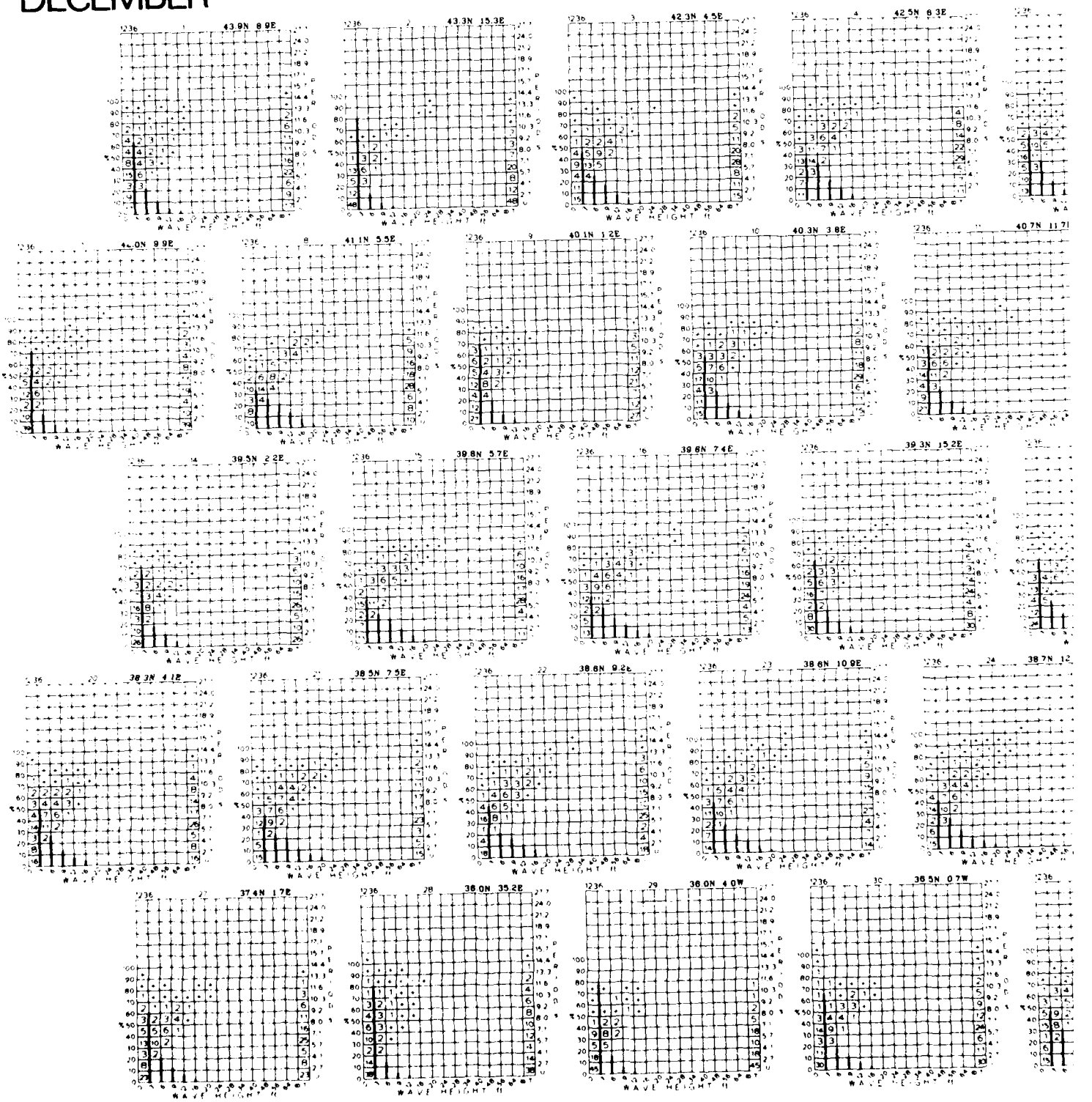
Cont'd)

NOVEMBER

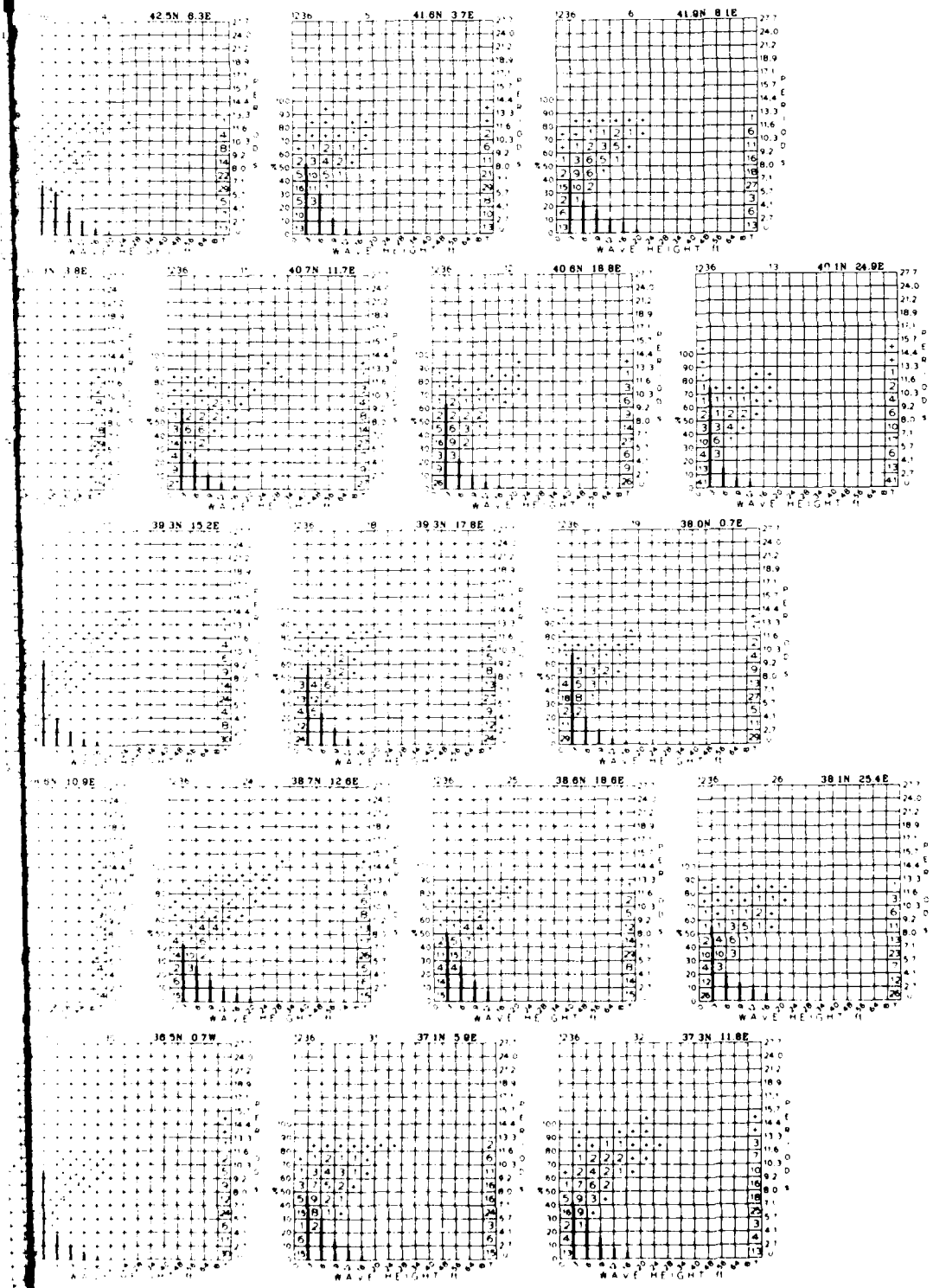


DECEMBER

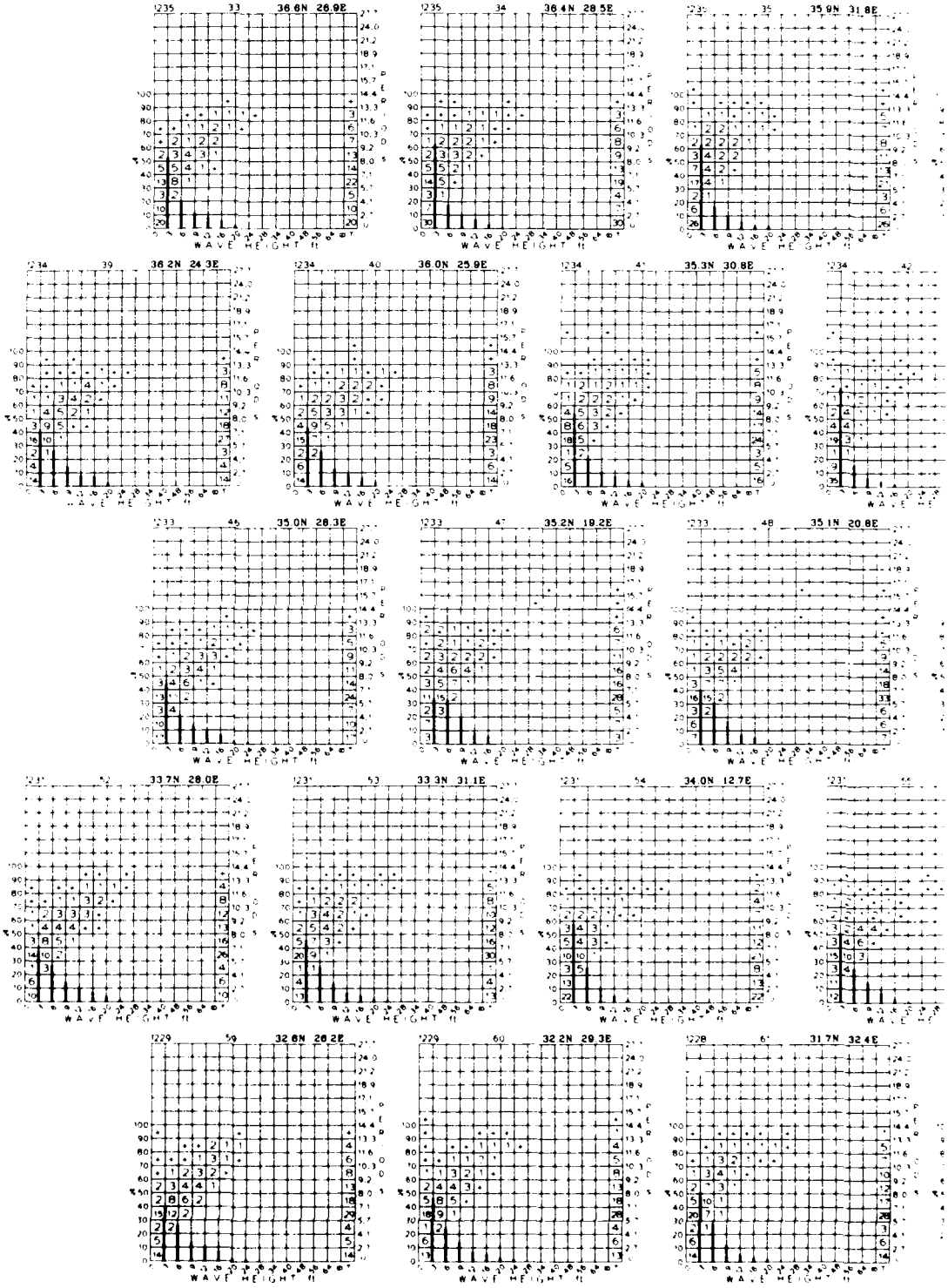
WA


43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 8.3E
41.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7
39.5N 2.2E
39.8N 5.7E
39.8N 7.4E
39.3N 15.2E
38.3N 4.1E
38.5N 7.5E
38.6N 9.2E
38.6N 10.9E
38.7N 12.
37.4N 1.7E
36.0N 35.2E
36.0N 4.0W
36.5N 0.7W
WAVE HEIGHT H

WAVE HEIGHT AND PERIOD

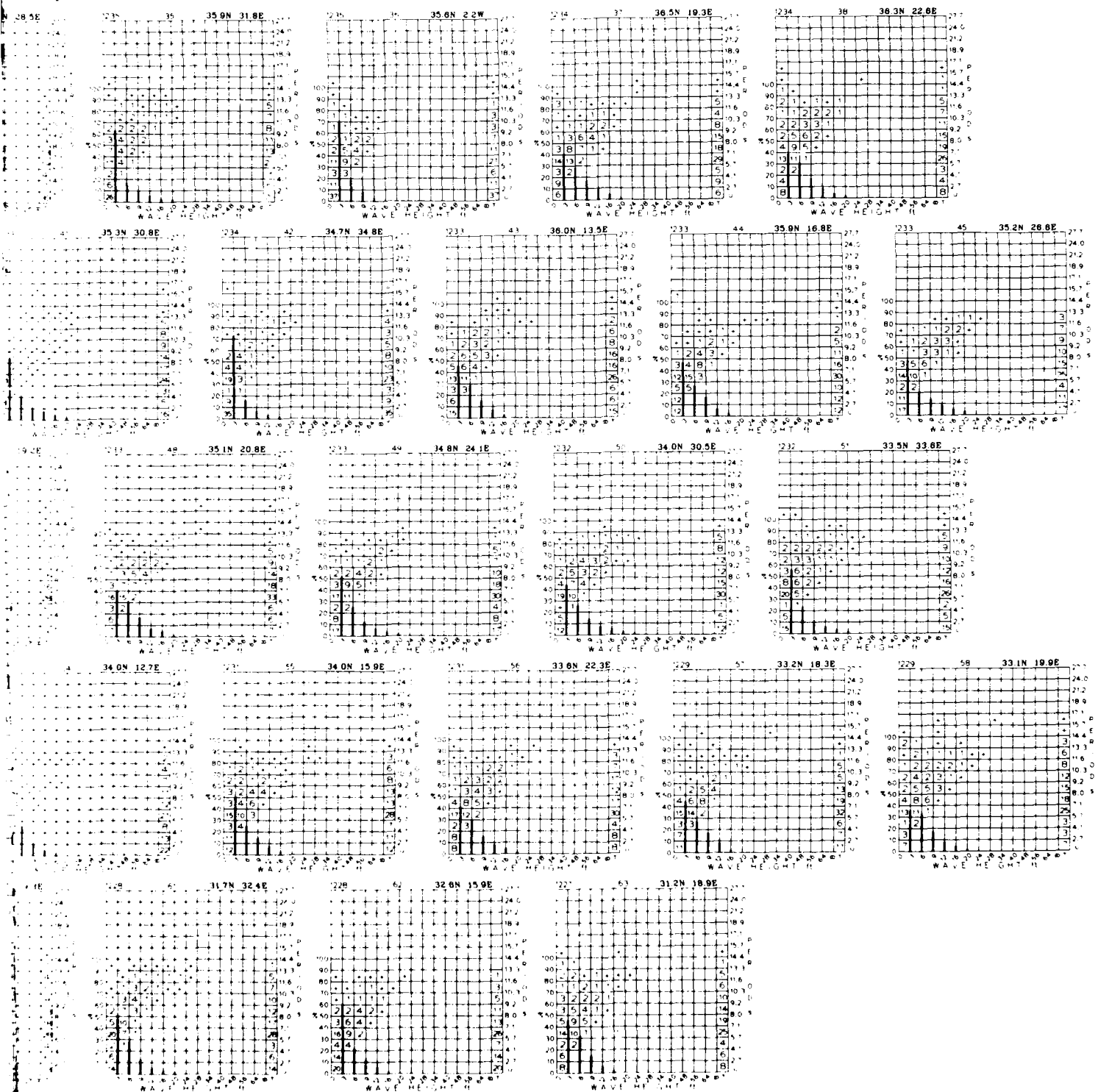


WAVE HEIGHT AND PERIOD (Cont'd)

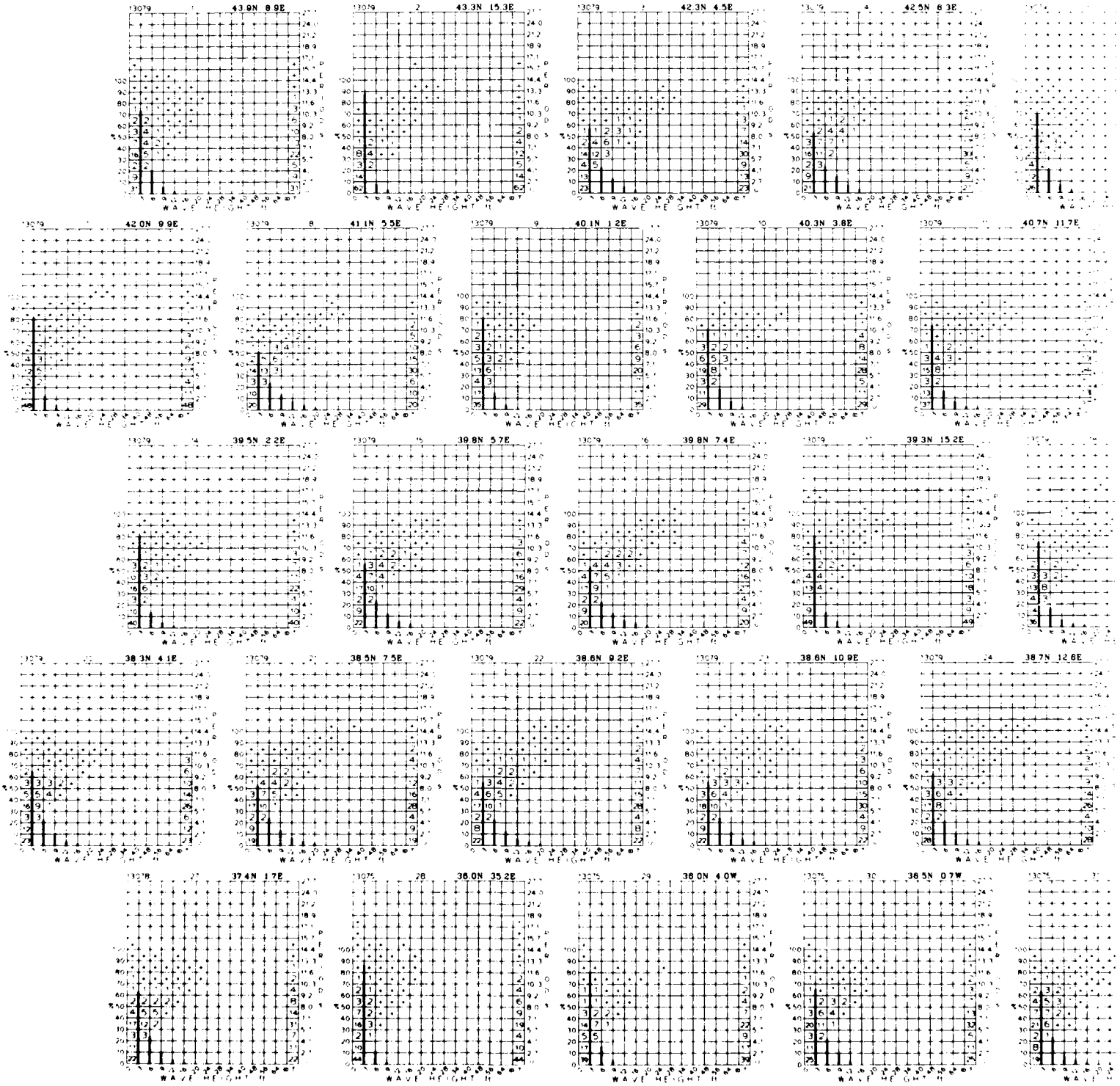


D (Cont'd)

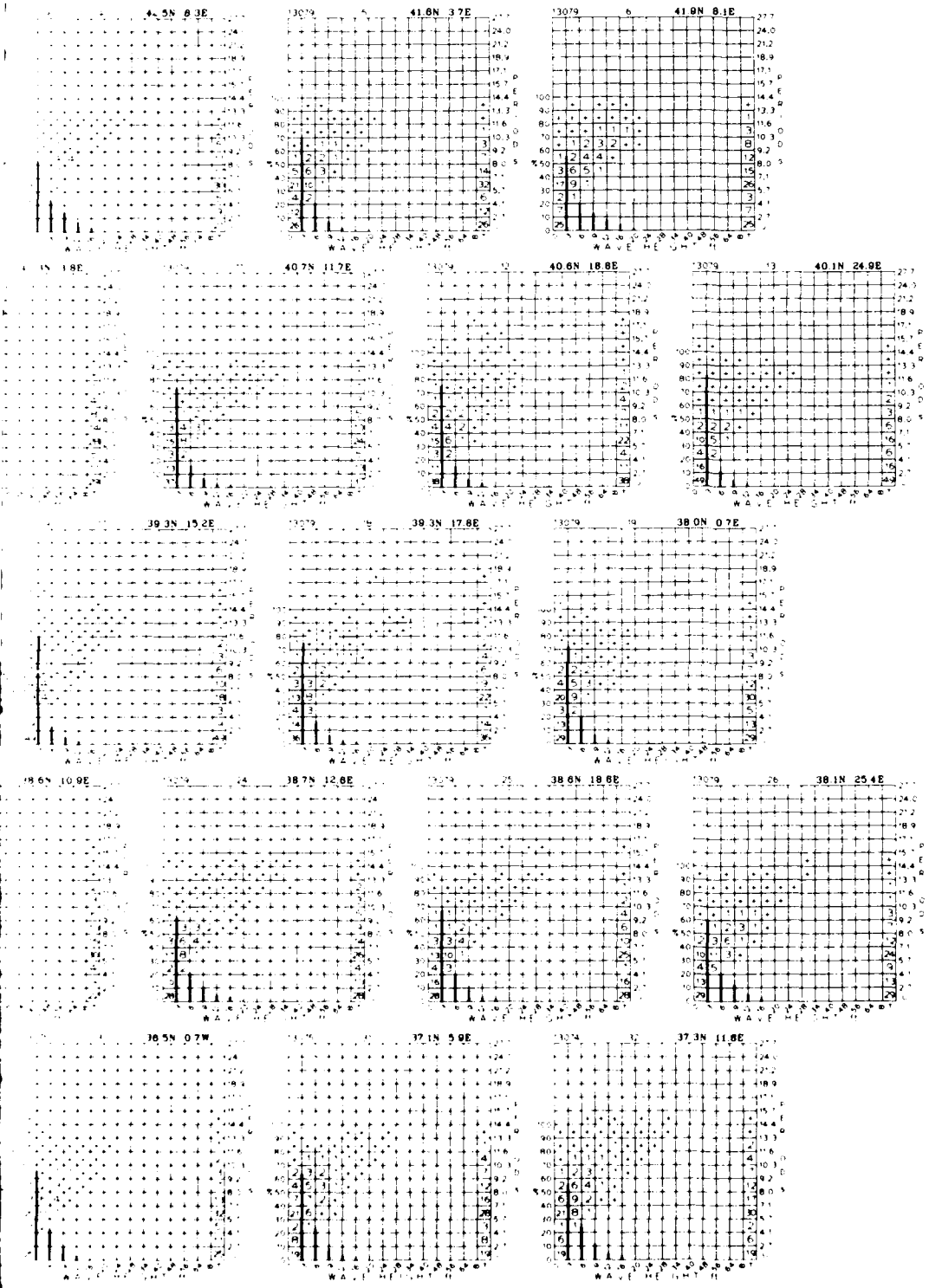
DECEMBER



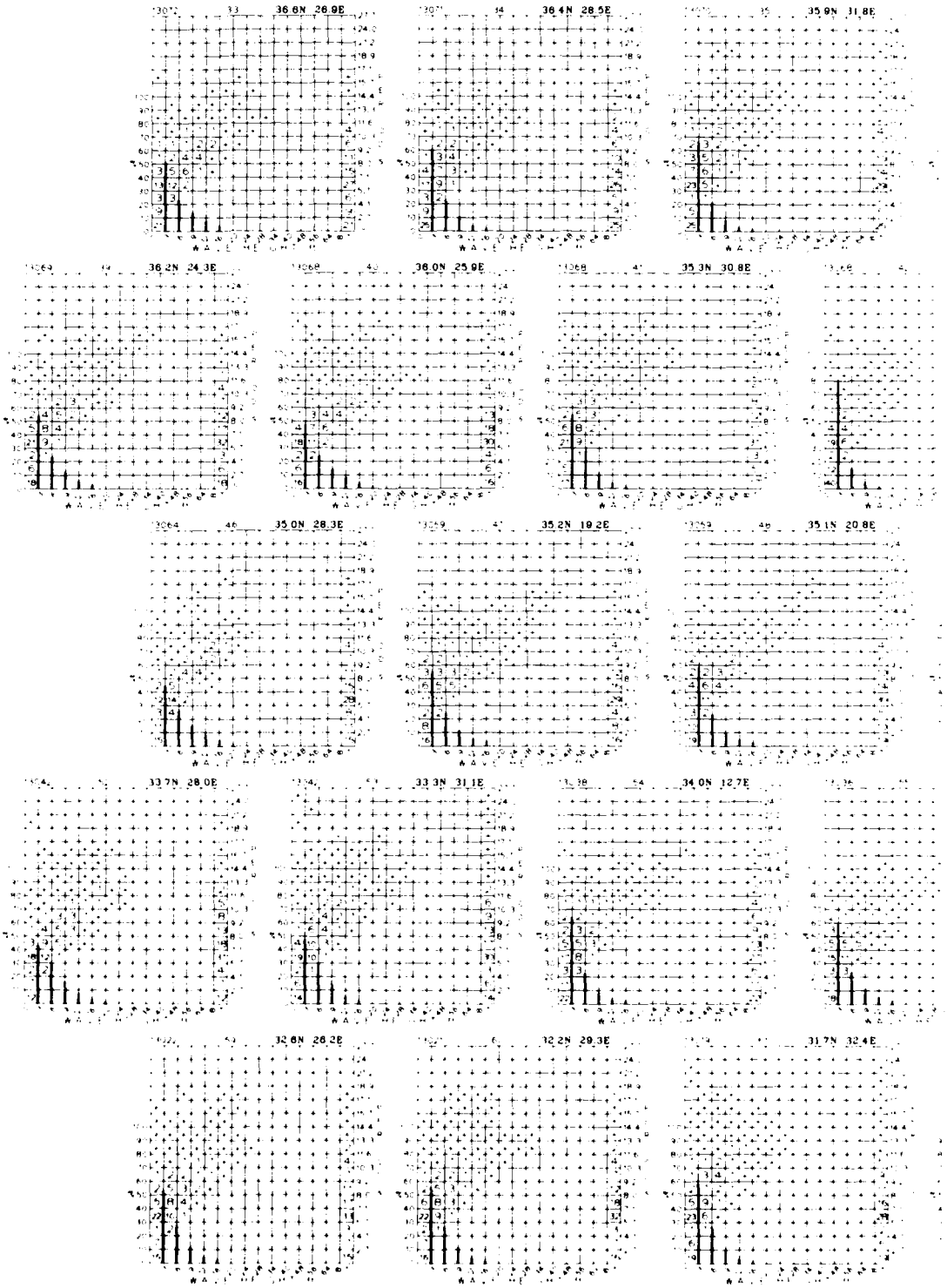
ANNUAL WAVE


43.9N 8.9E
43.3N 15.3E
42.3N 4.5E
42.5N 6.3E
42.0N 9.9E
41.1N 5.5E
40.1N 1.2E
40.3N 3.8E
40.7N 11.7E
39.5N 2.2E
39.8N 5.7E
39.8N 7.4E
39.3N 15.2E
38.3N 4.1E
38.5N 7.5E
38.6N 9.2E
38.6N 10.9E
38.7N 12.6E
37.4N 1.7E
36.0N 35.2E
36.0N 4.0W
36.5N 0.7W
WAVE HEIGHT H

WAVE HEIGHT AND PERIOD

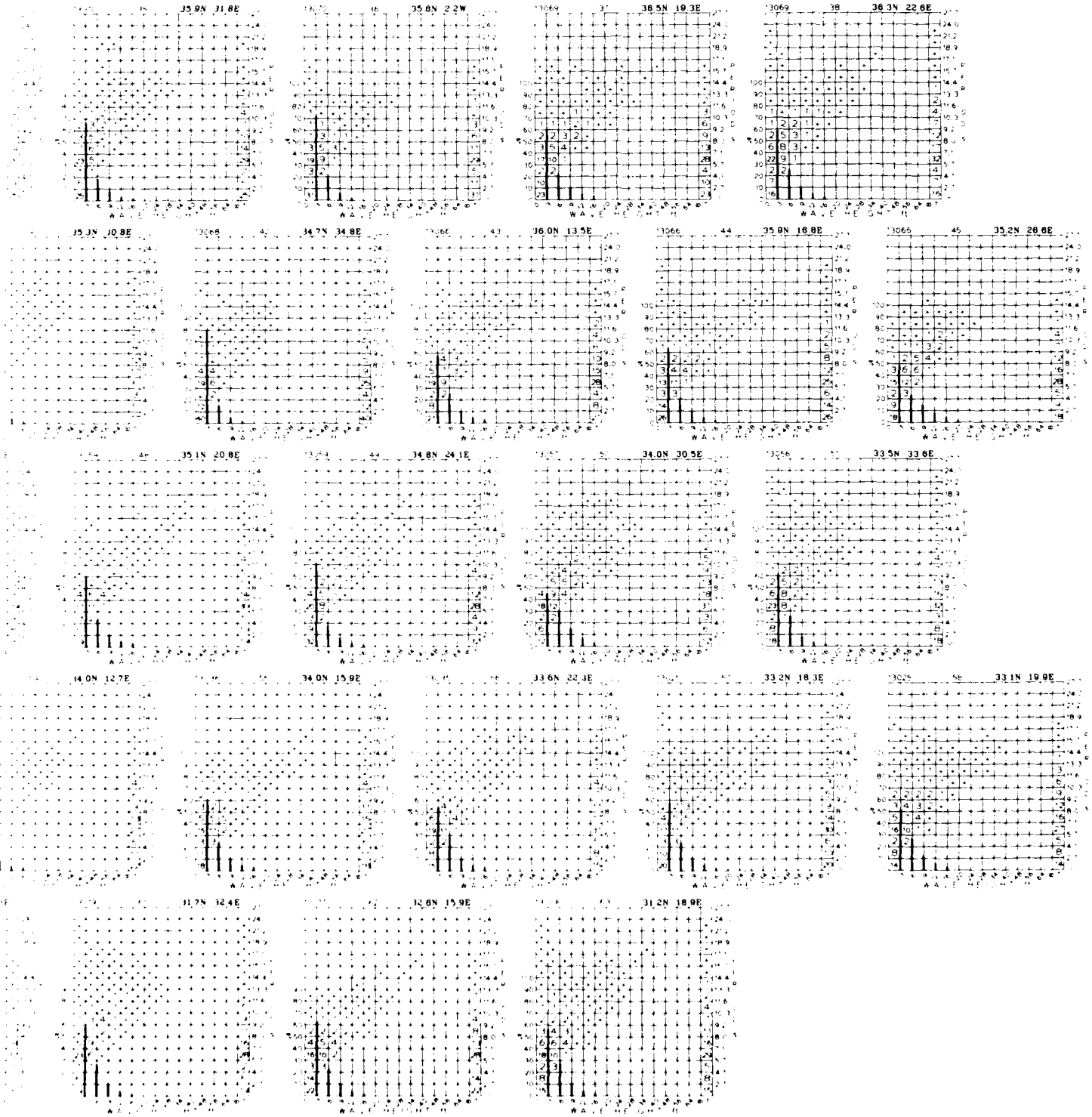


WAVE HEIGHT AND PERIOD (Cont'd)



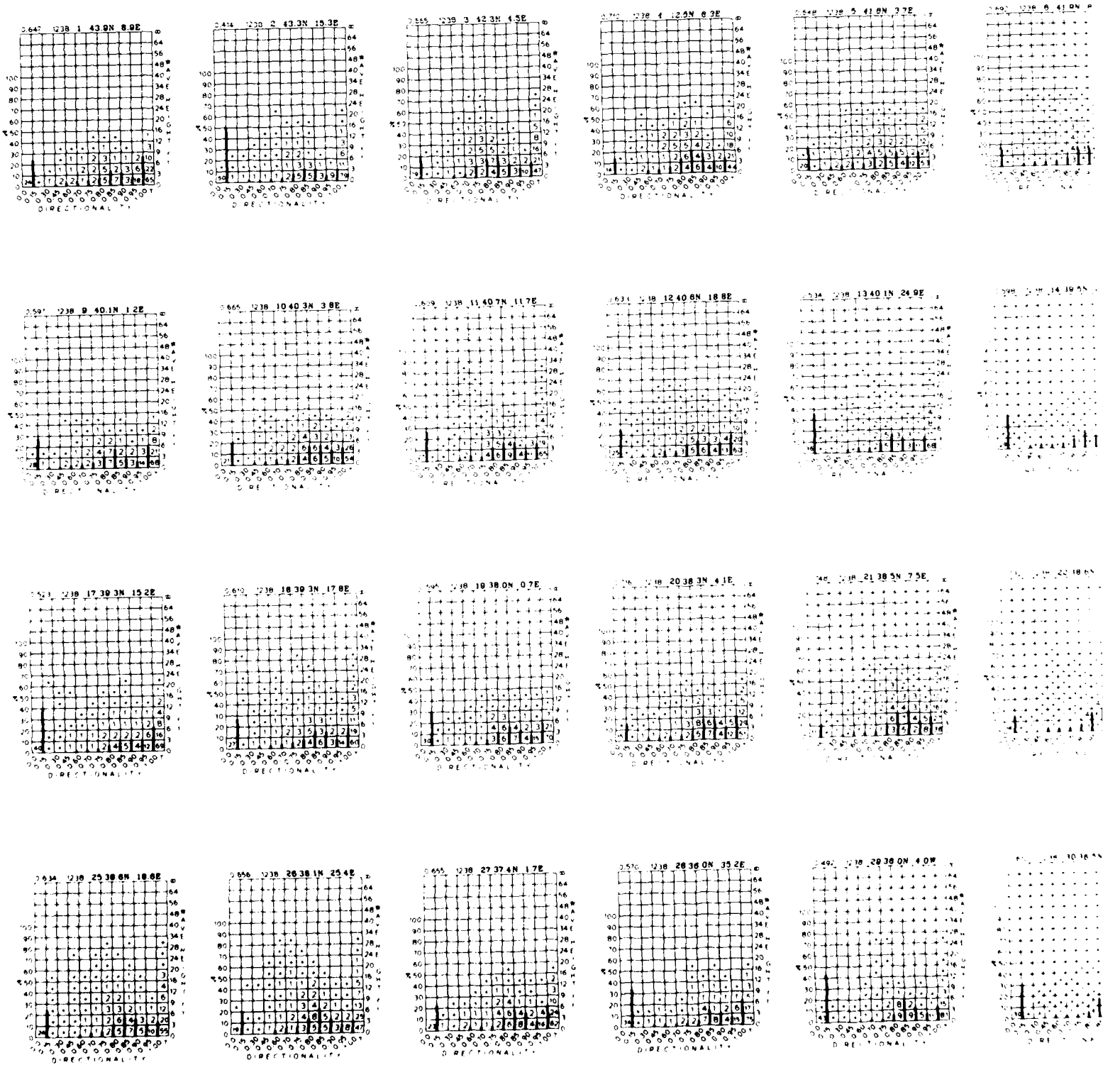
143A

(Cont'd) ANNUAL

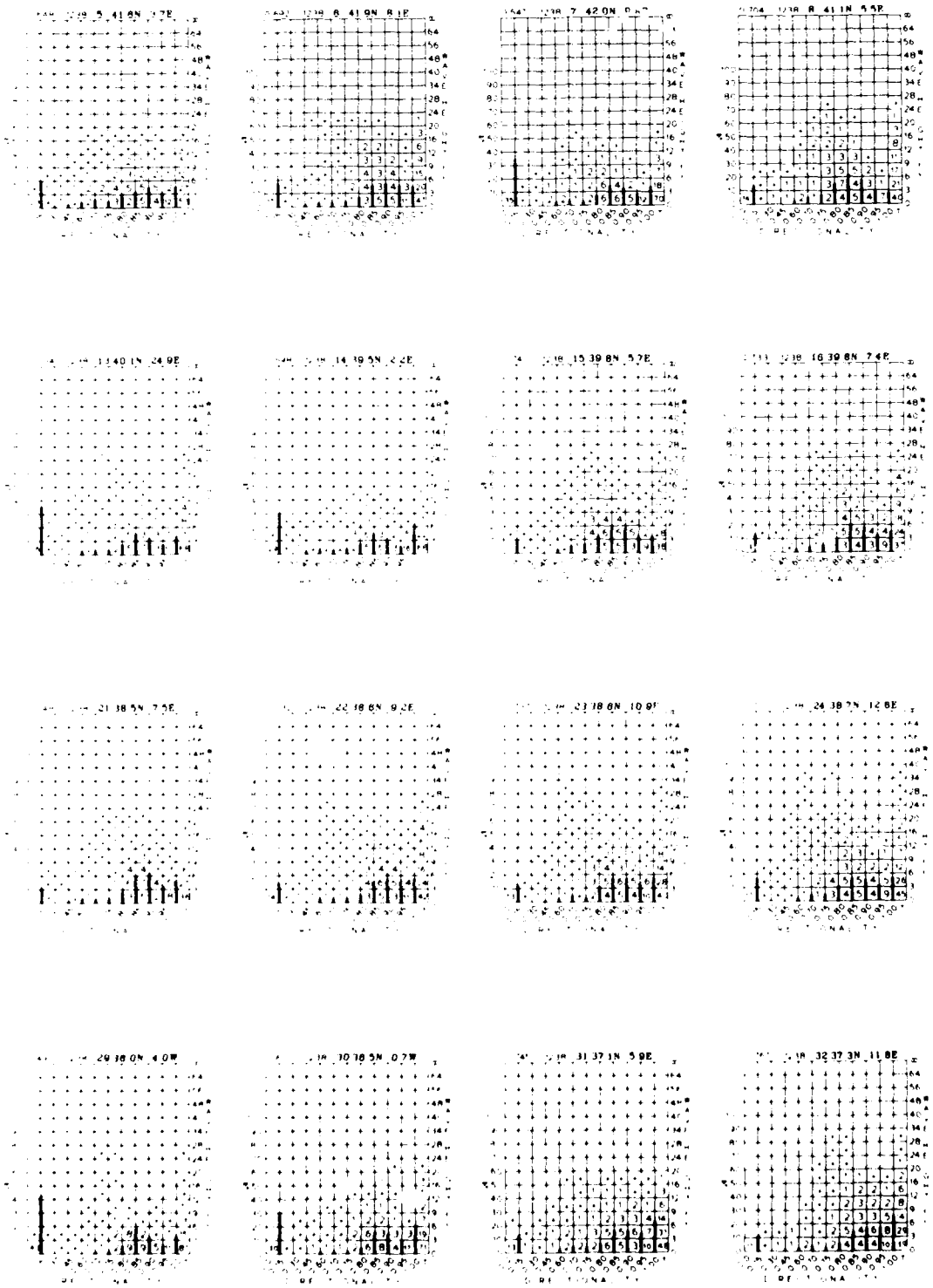


JANUARY

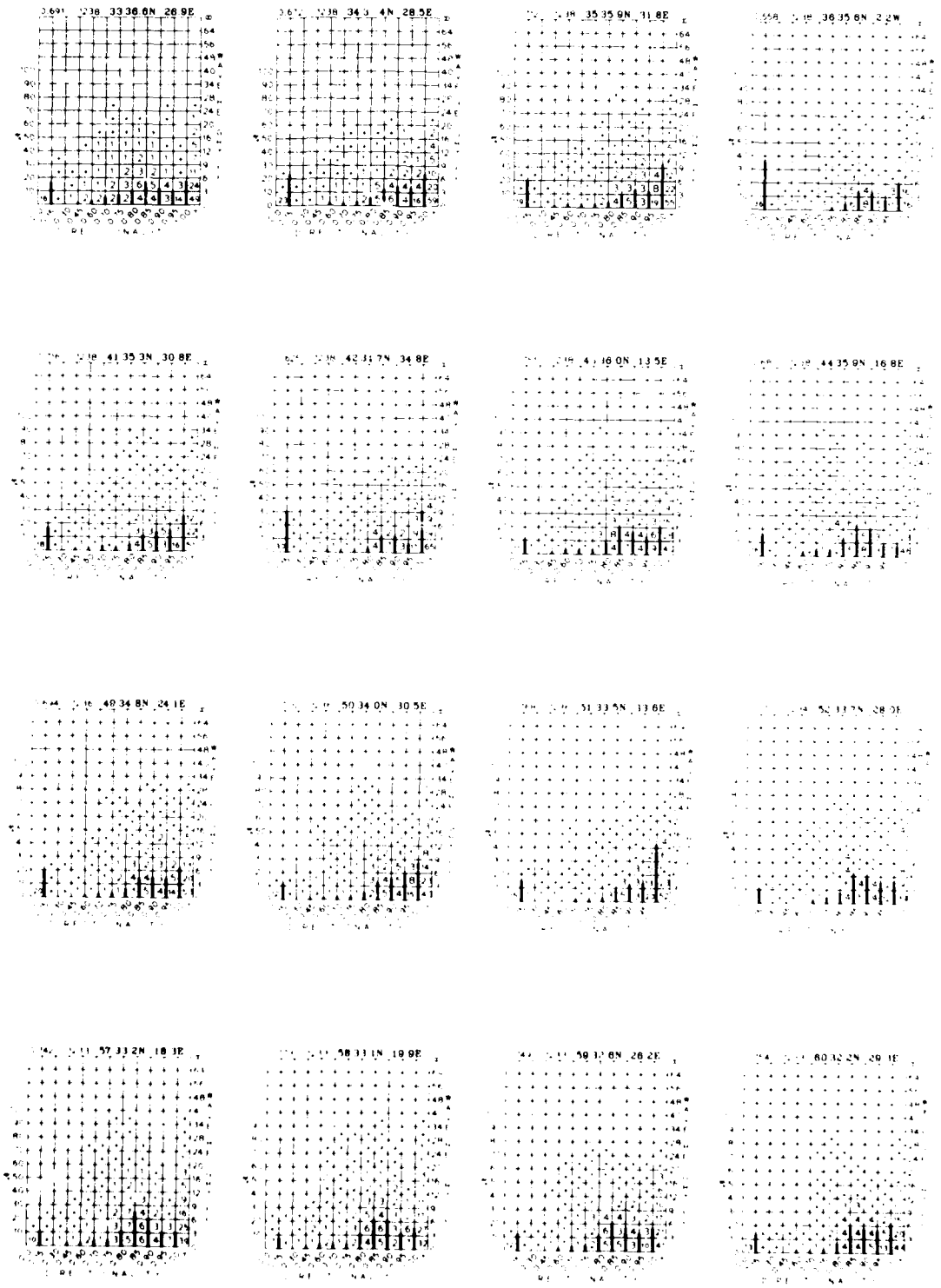
WAVE HEIGHT A

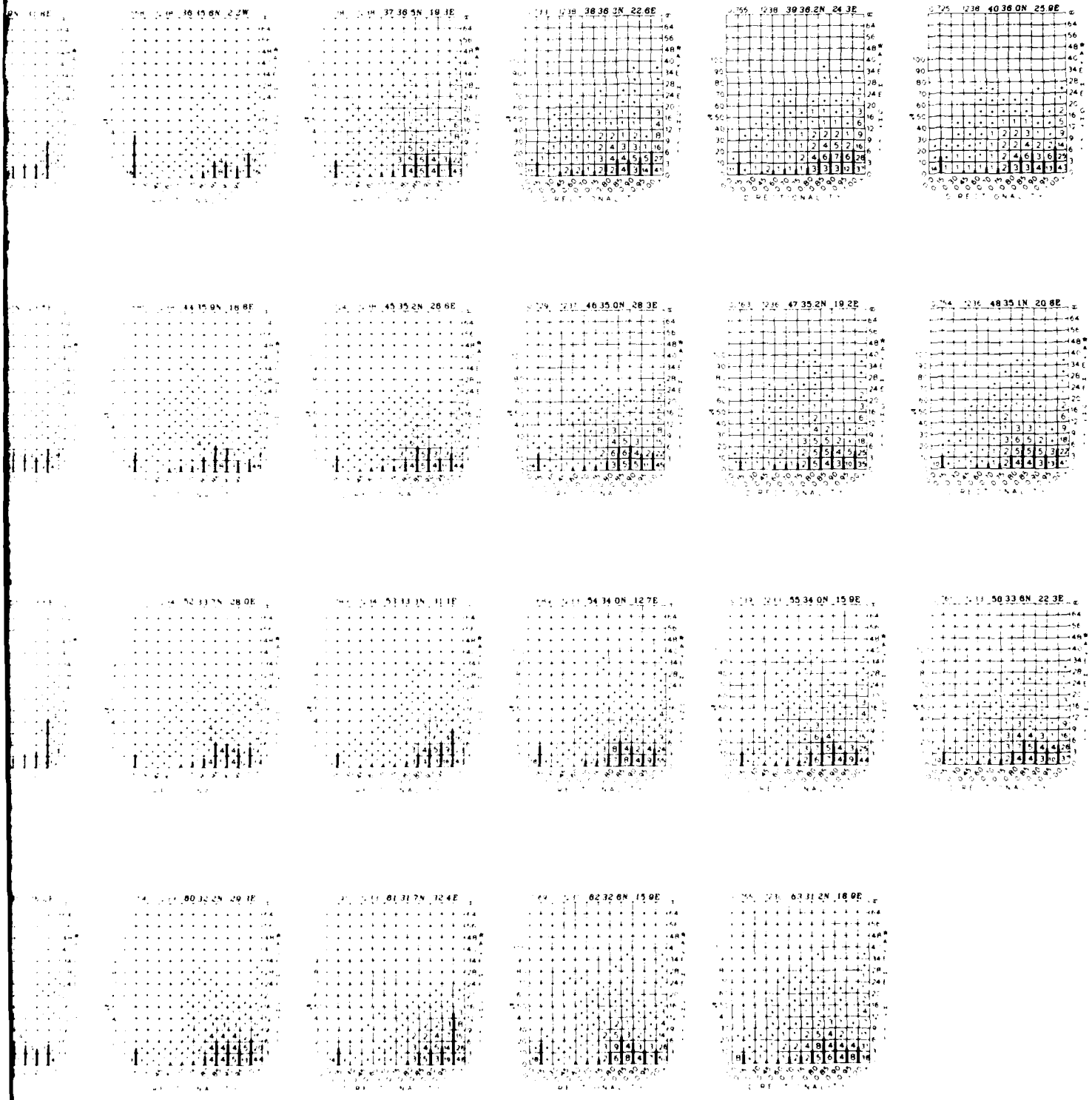


WAVE HEIGHT AND DIRECTIONALITY



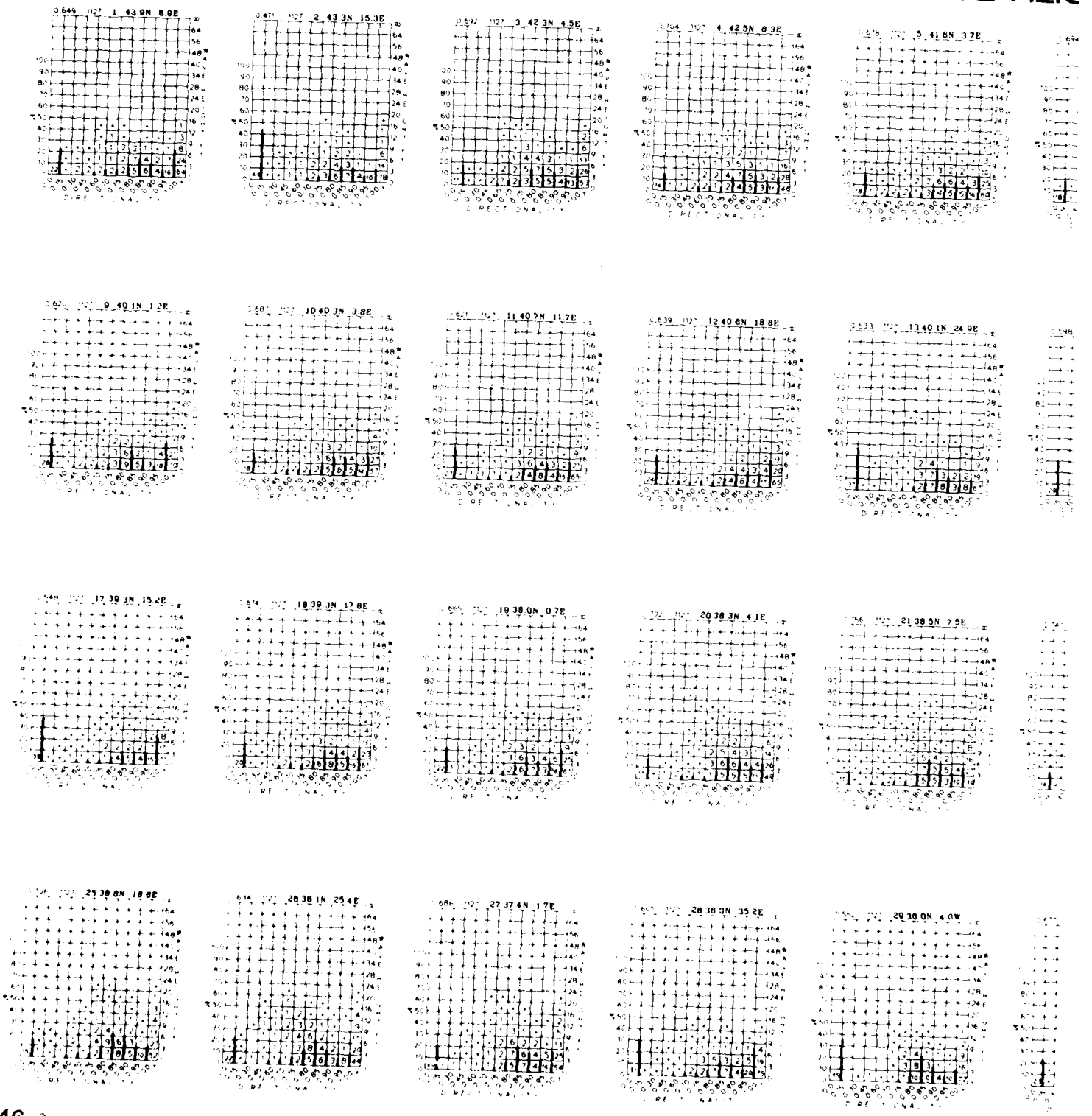
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



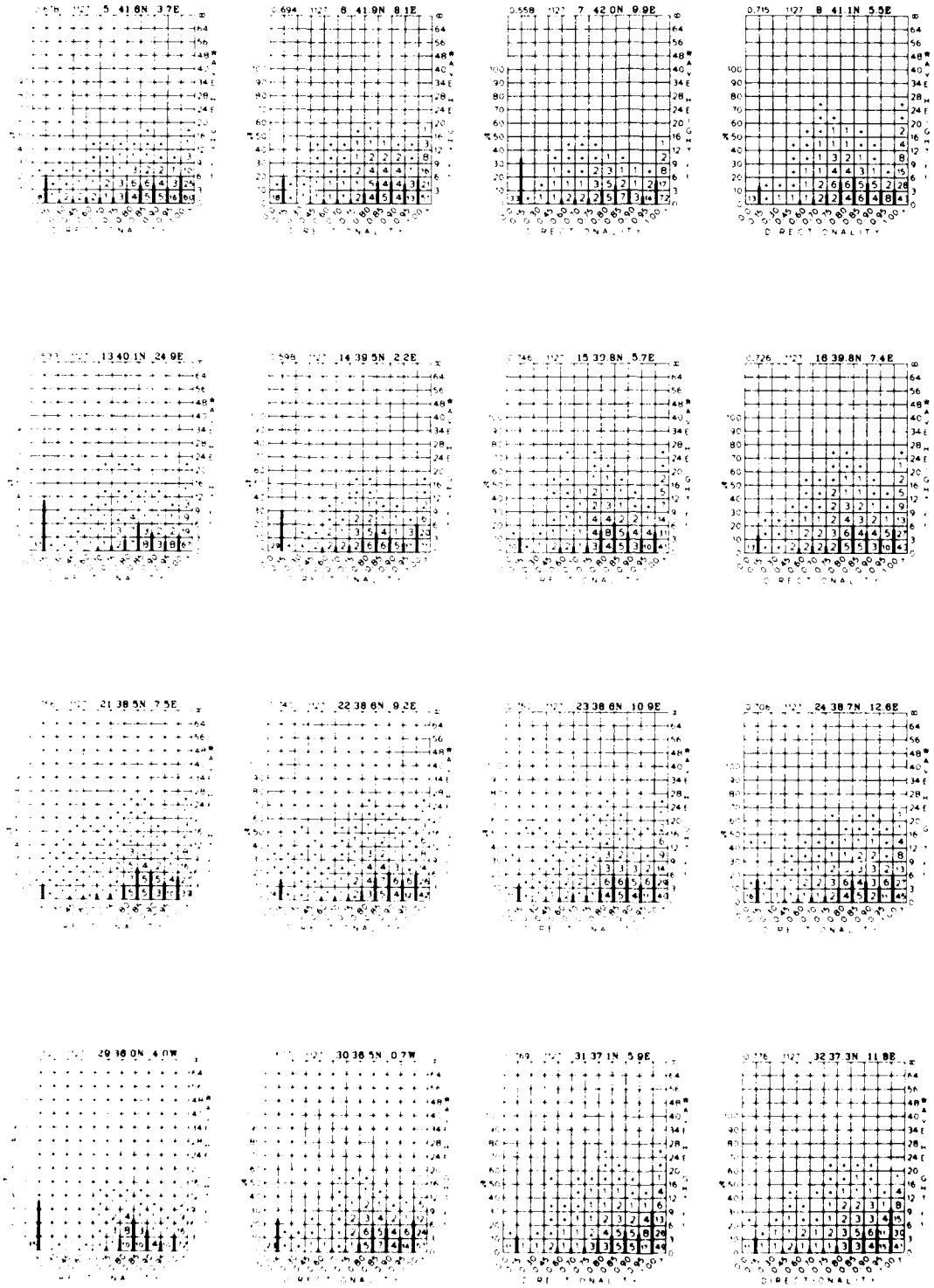


FEBRUARY

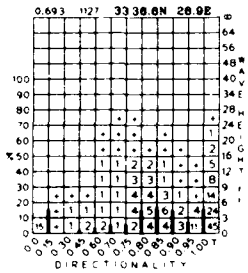
WAVE HEIG

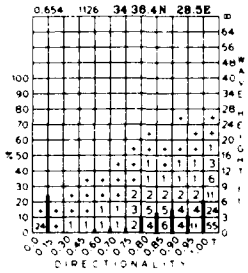


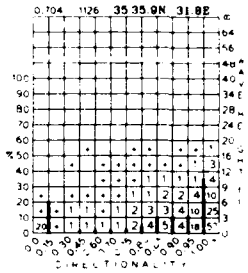
WAVE HEIGHT AND DIRECTIONALITY

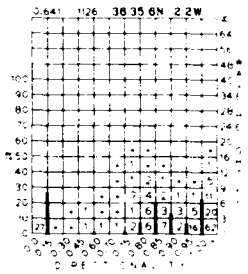


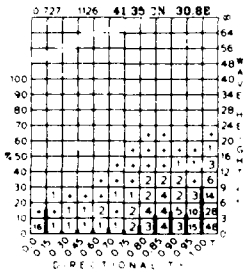
WAVE HEIGHT AND DIRECTIONALITY (Cont'd

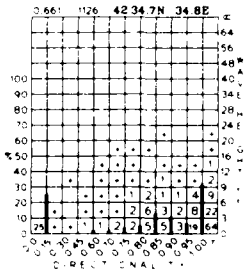


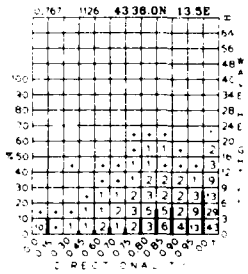


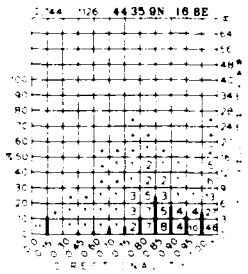


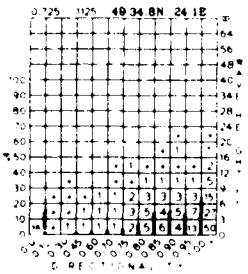


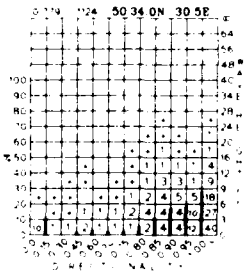


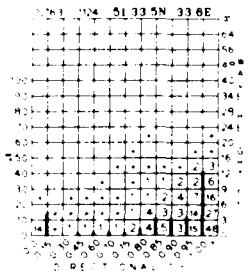


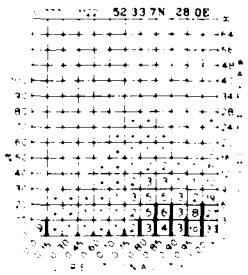


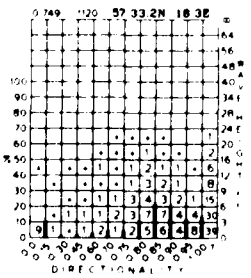


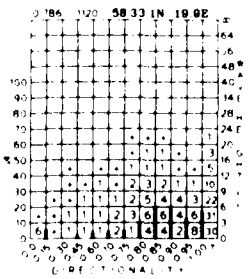


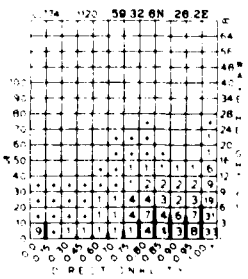


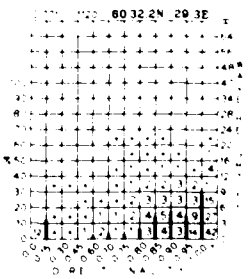






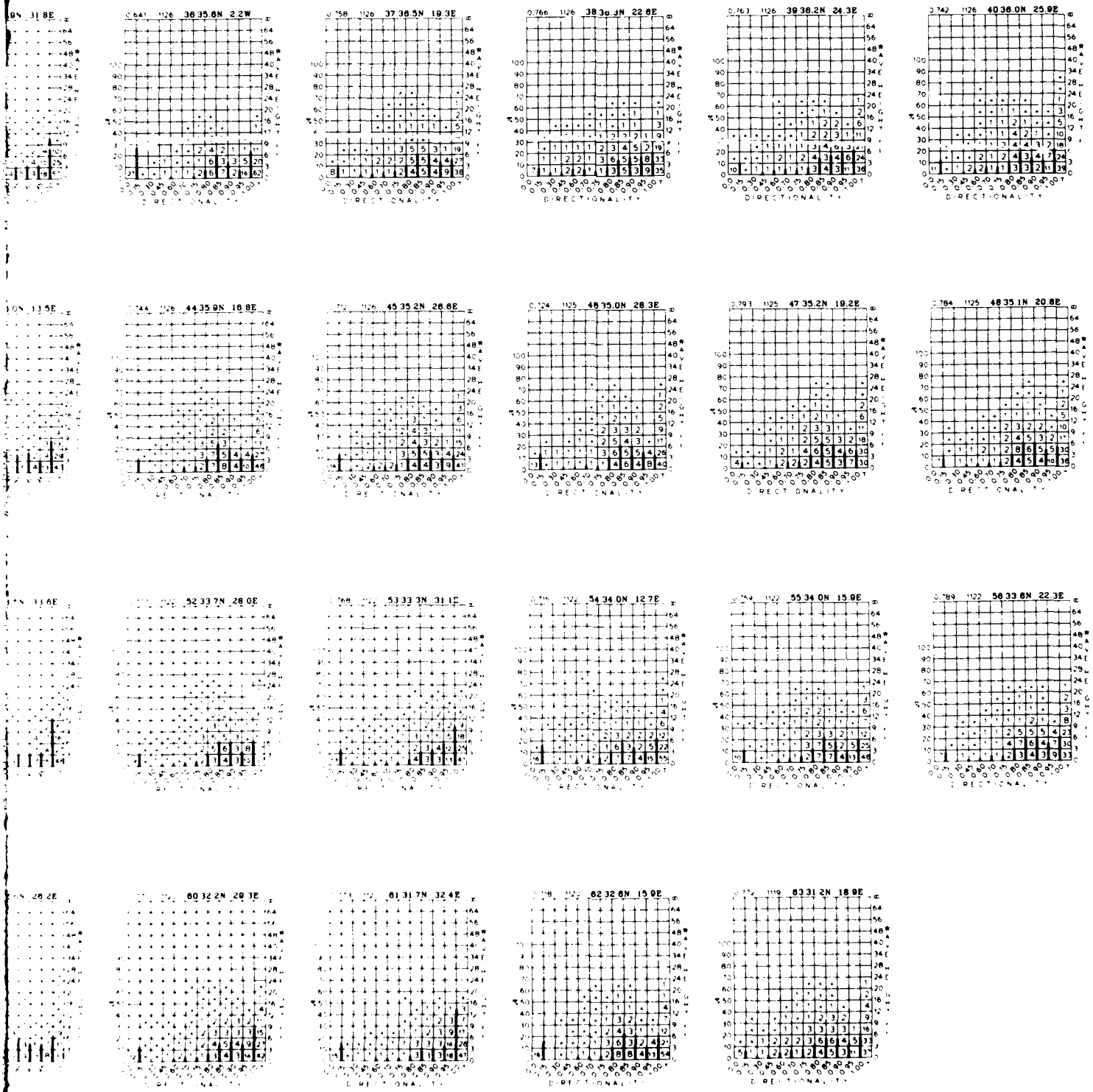






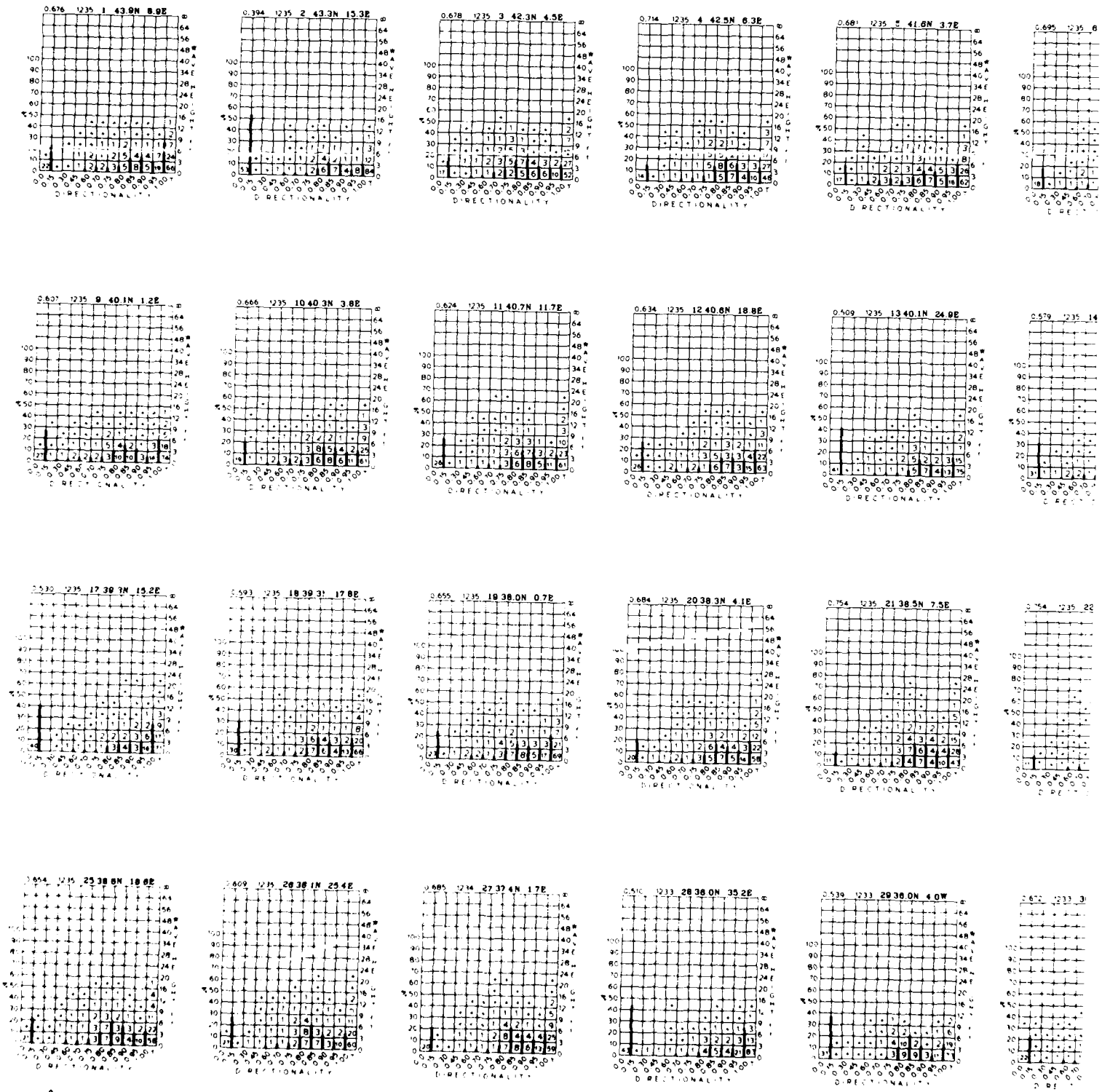
IONALITY (Cont'd)

FEBRUARY

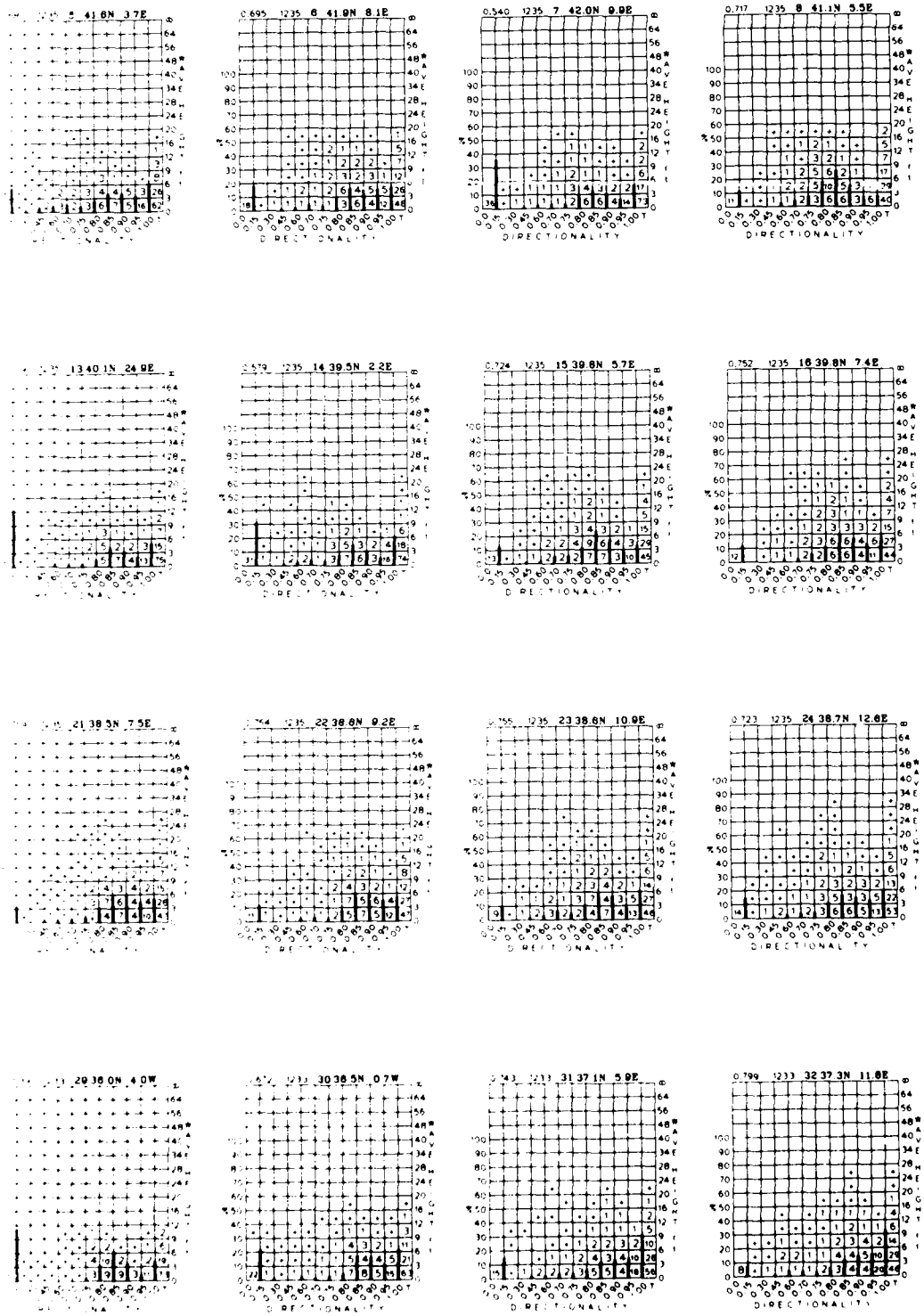


MARCH

WAVE HEIGHT

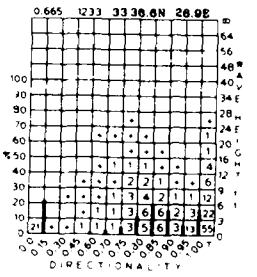


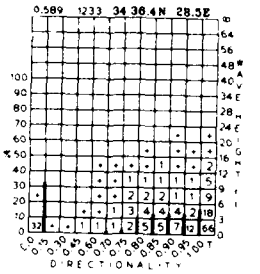
WAVE HEIGHT AND DIRECTIONALITY

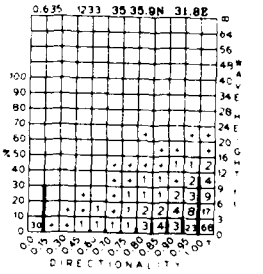


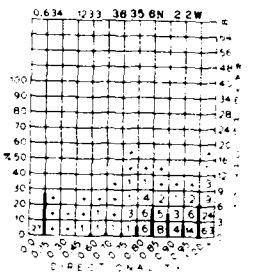
148 P.

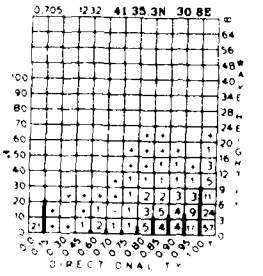
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)

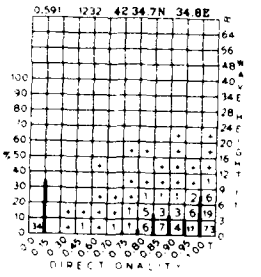


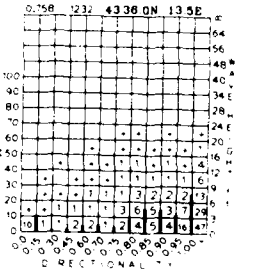


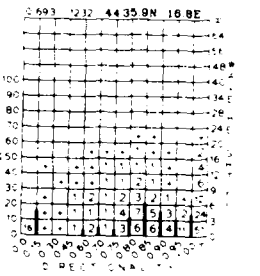


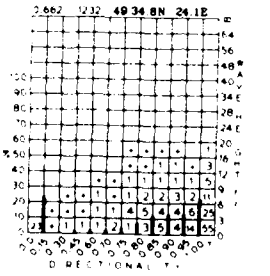


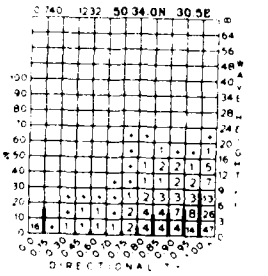


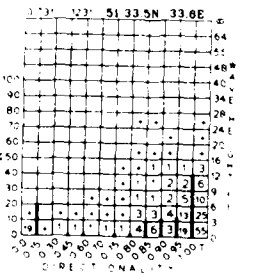


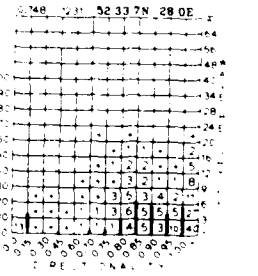


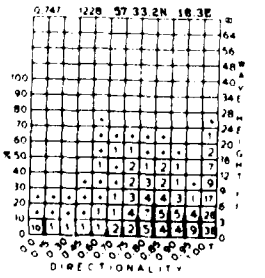


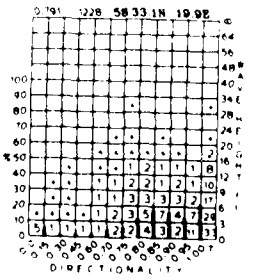


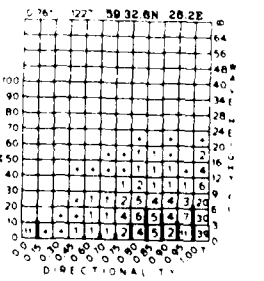


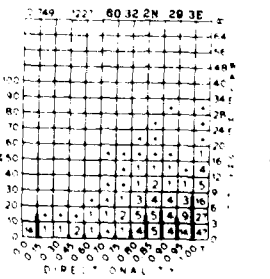


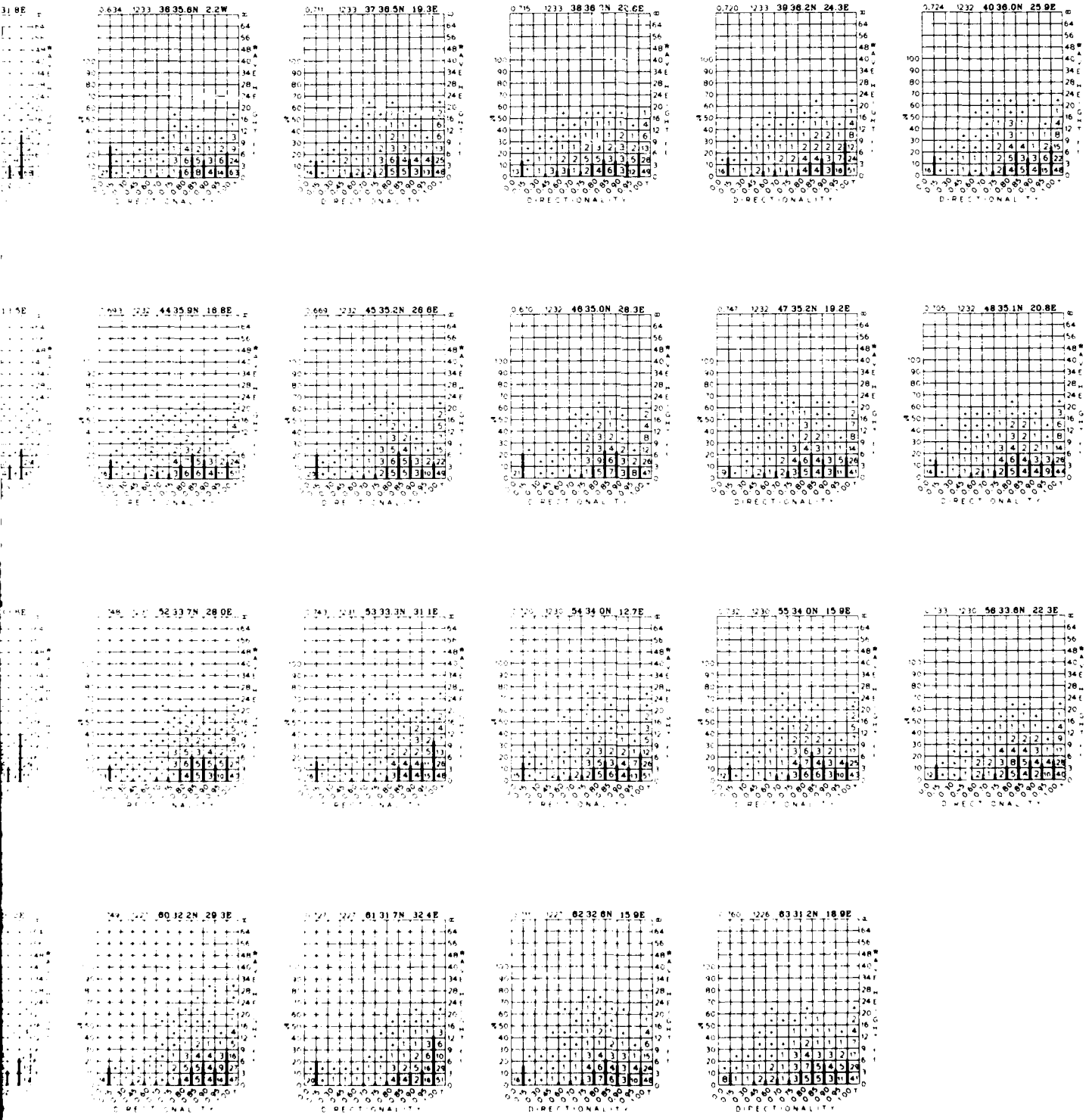






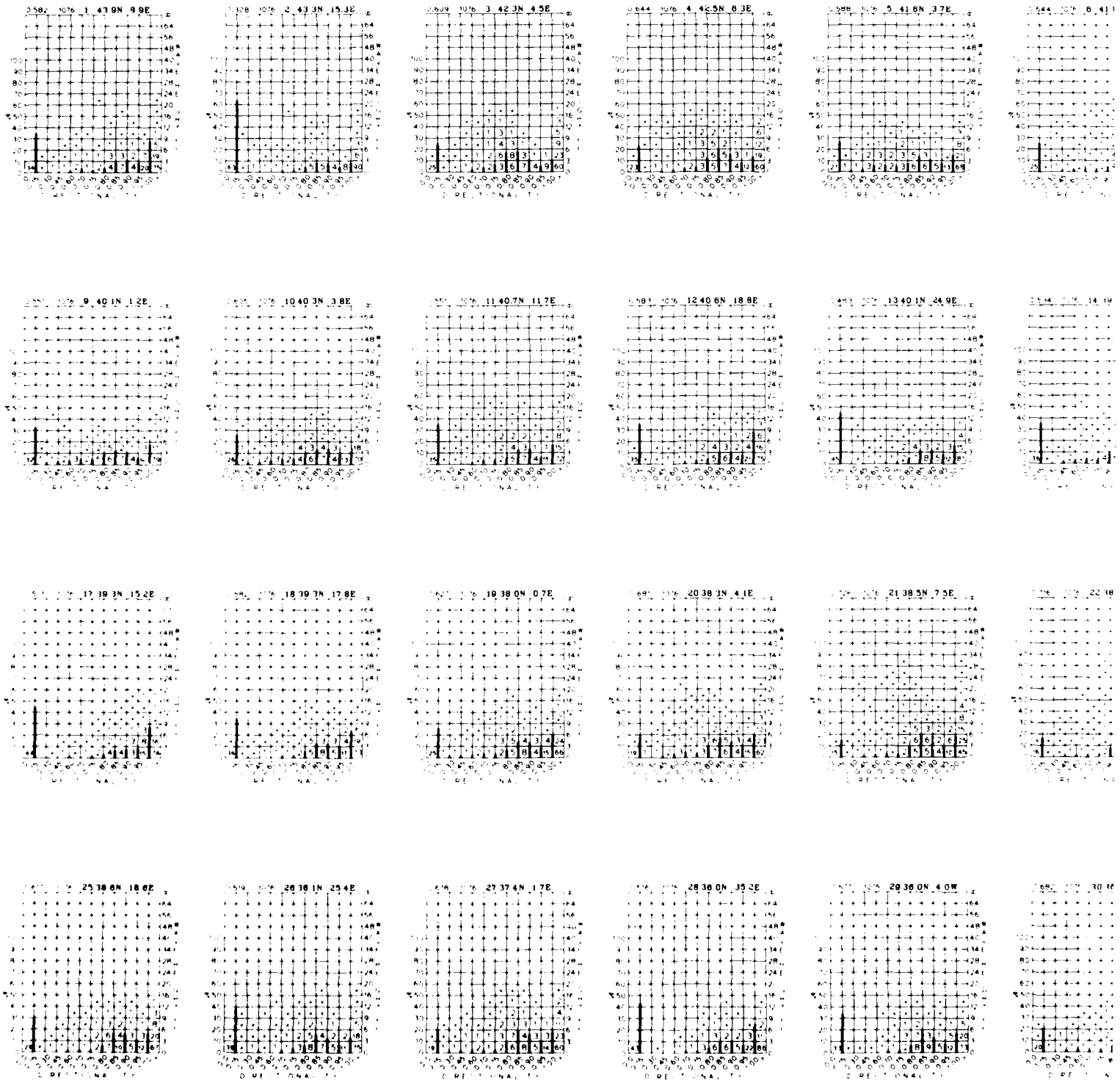




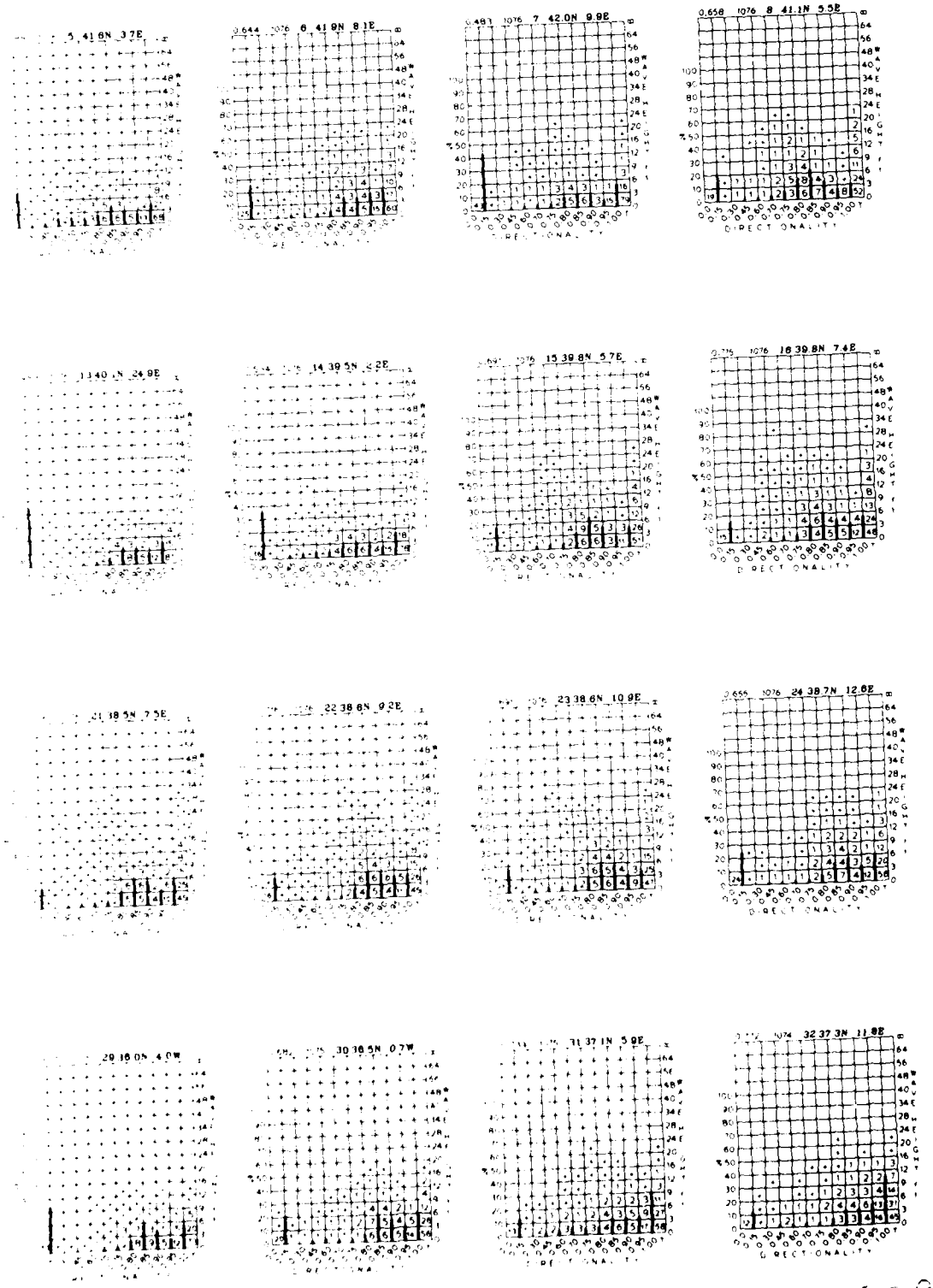

0.634 1233 38 35.6N 2.2W
0.711 1233 37 38.5N 19.3E
0.715 1233 38 38.2N 20.6E
0.720 1233 39 36.2N 24.3E
0.724 1232 40 36.0N 25.9E
0.693 1232 44 35.9N 18.8E
0.669 1232 45 35.2N 26.6E
0.670 1232 46 35.0N 28.3E
0.747 1232 47 35.2N 19.2E
0.705 1232 48 35.1N 20.8E
52 33.7N 28.0E
53 33.3N 31.1E
54 34.0N 12.7E
55 34.0N 15.9E
56 33.6N 22.3E
60 32.2N 29.3E
61 31.7N 32.4E
62 32.6N 15.9E
63 31.2N 18.9E
DIRECTIONALITY

APRIL

WAVE HEIGHT

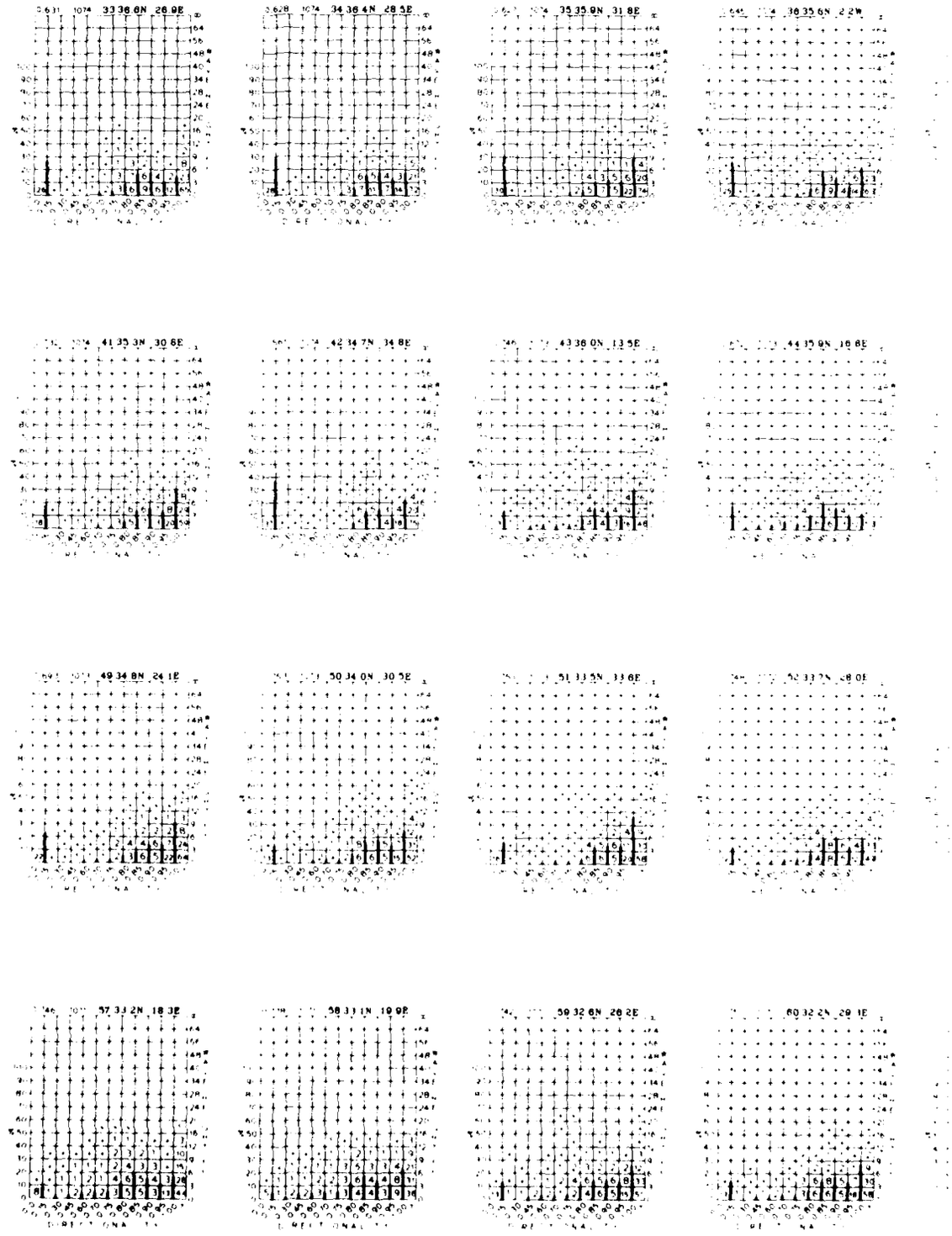


WAVE HEIGHT AND DIRECTIONALITY

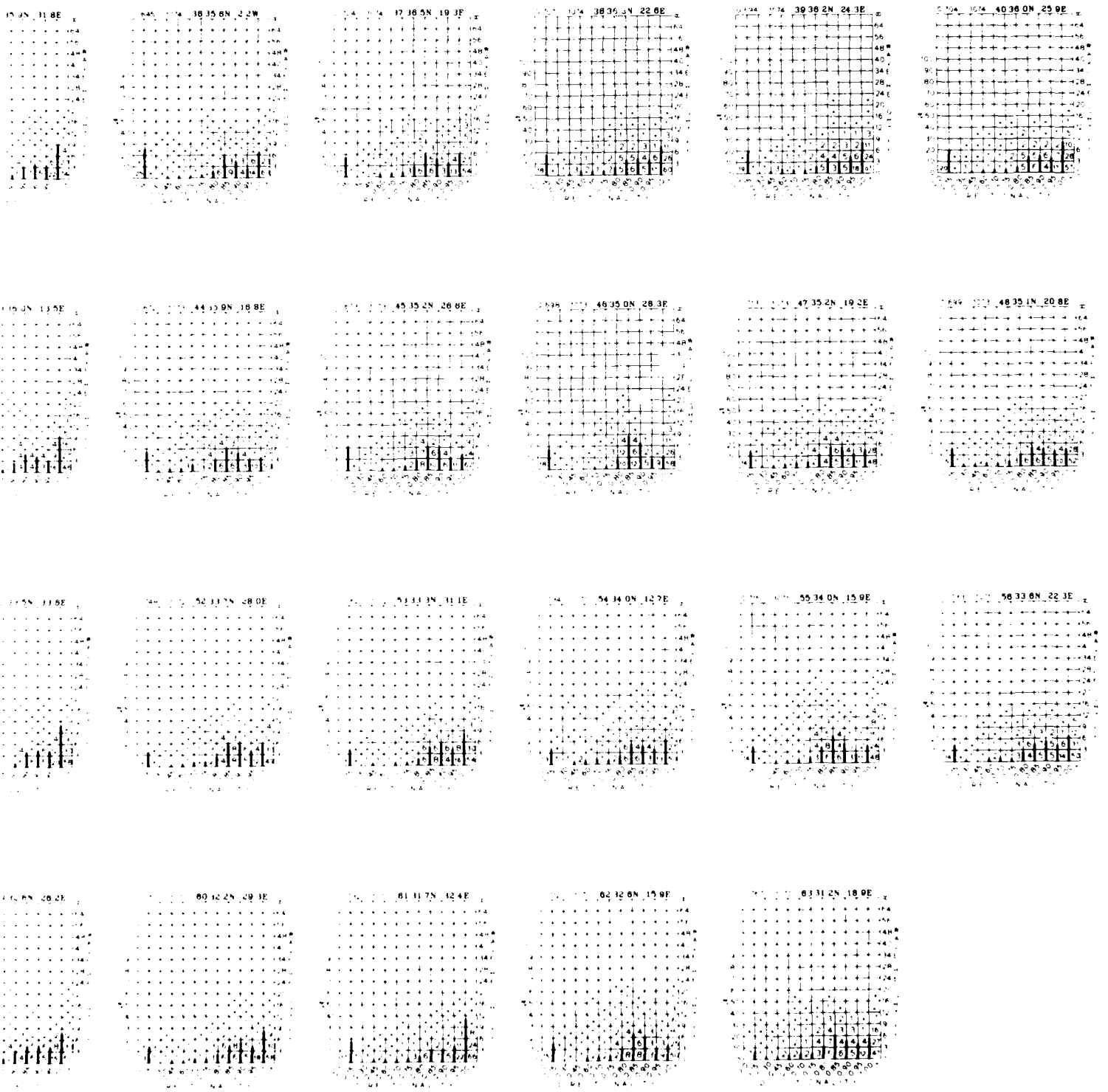


50B

WAVE HEIGHT AND DIRECTIONALITY (Cont'd)

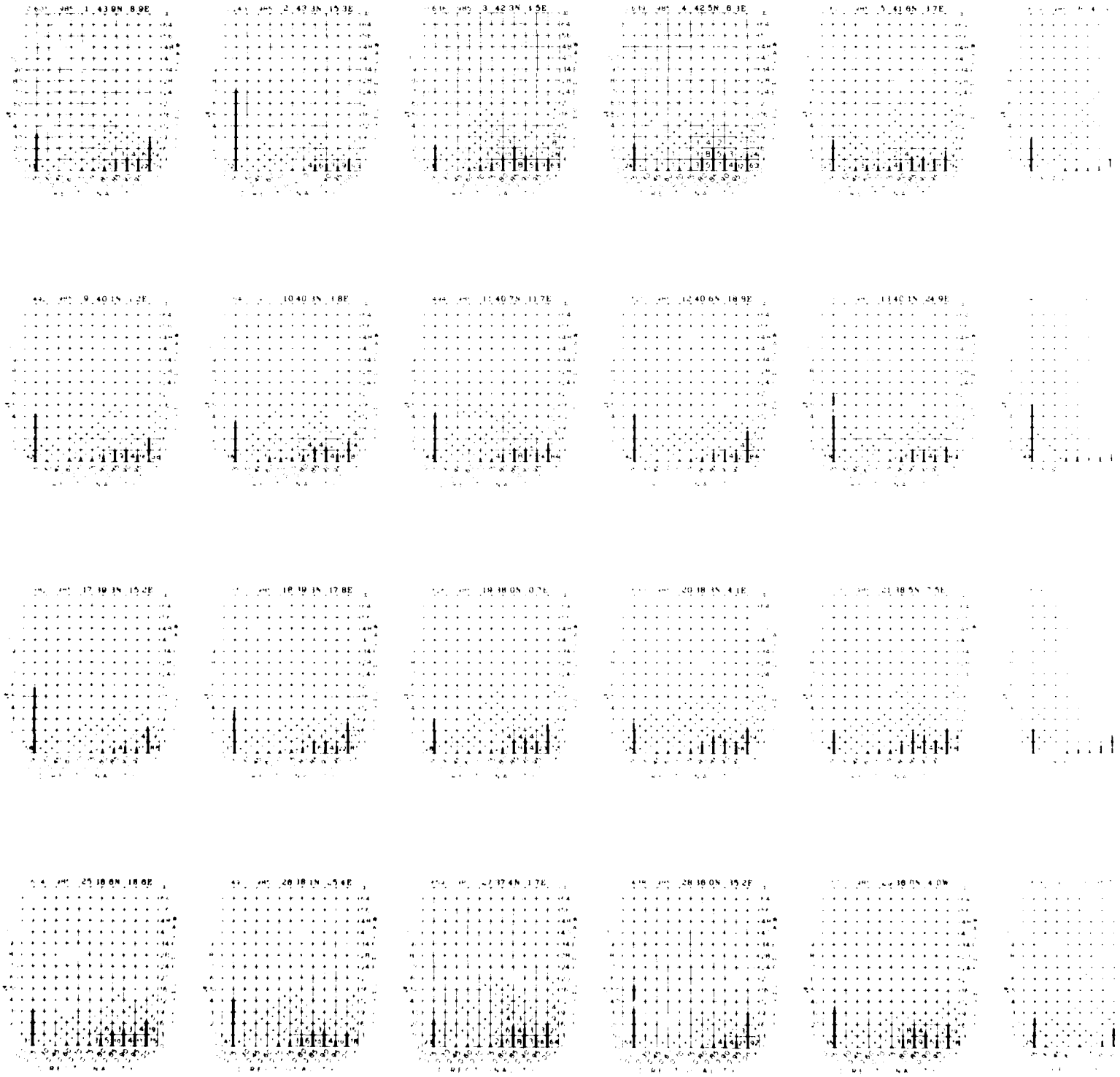


15

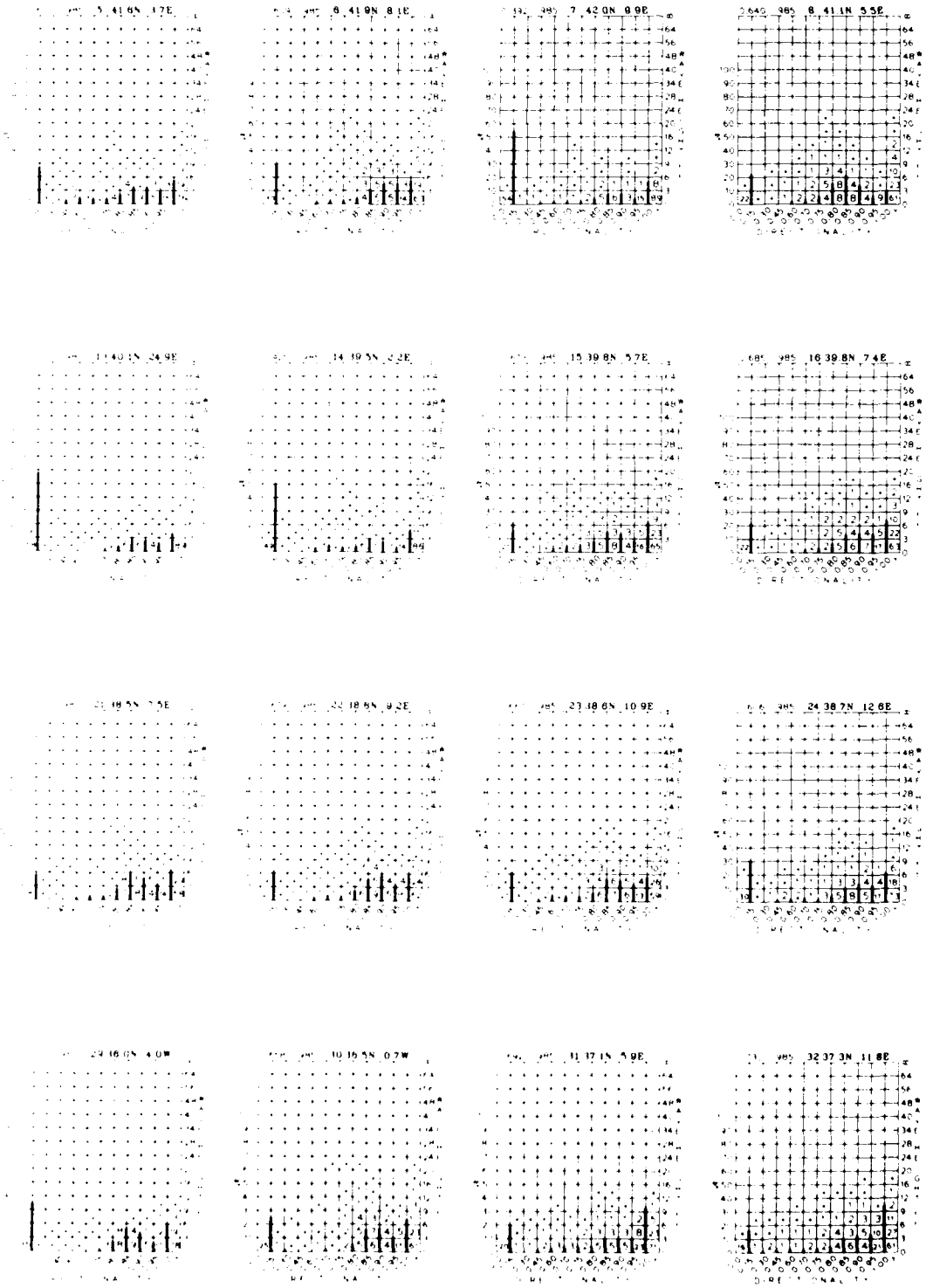


MAY

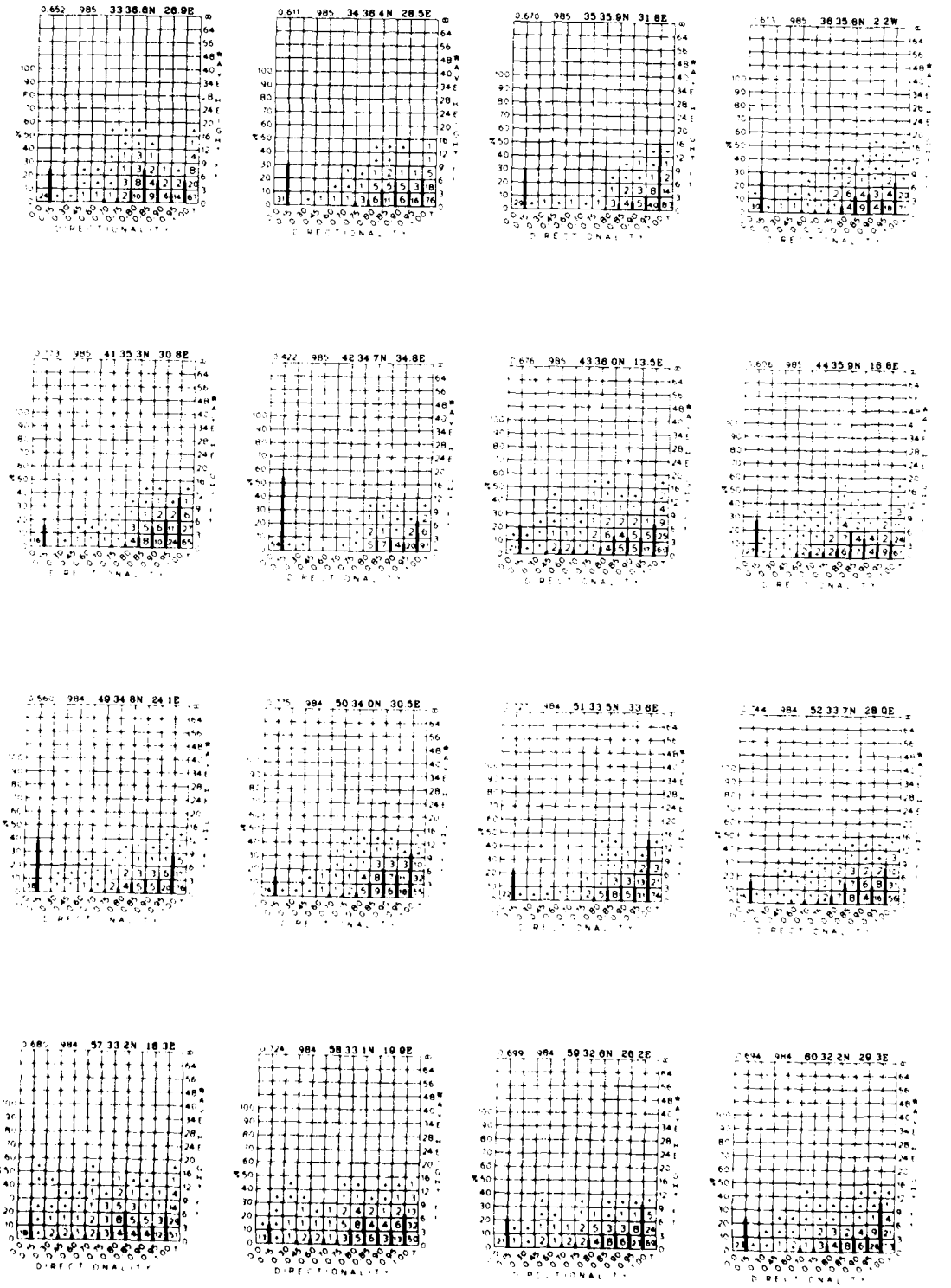
WAVE HEIGHT



WAVE HEIGHT AND DIRECTIONALITY



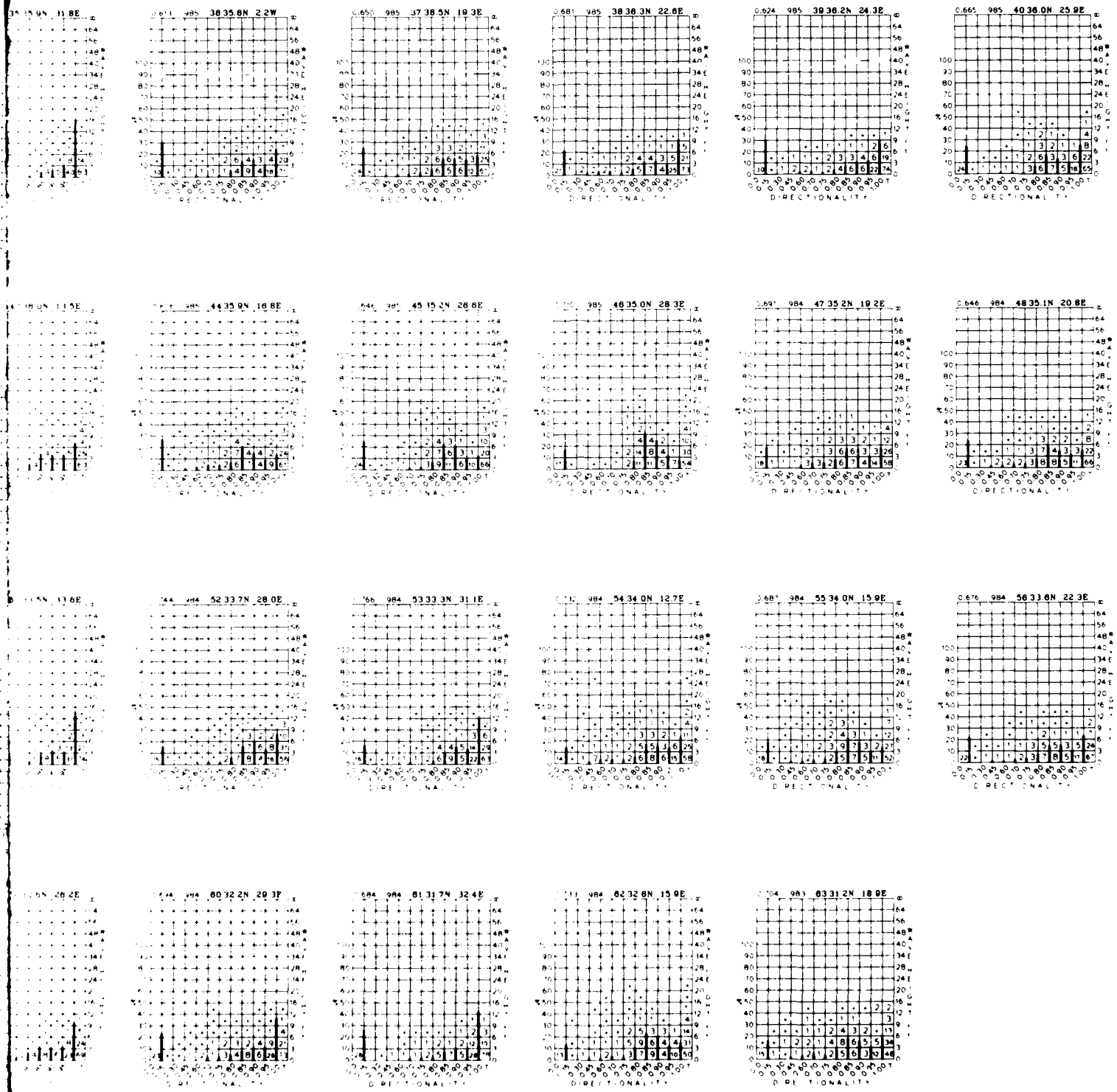
WAVE HEIGHT AND DIRECTIONALITY (Cont'



53 A

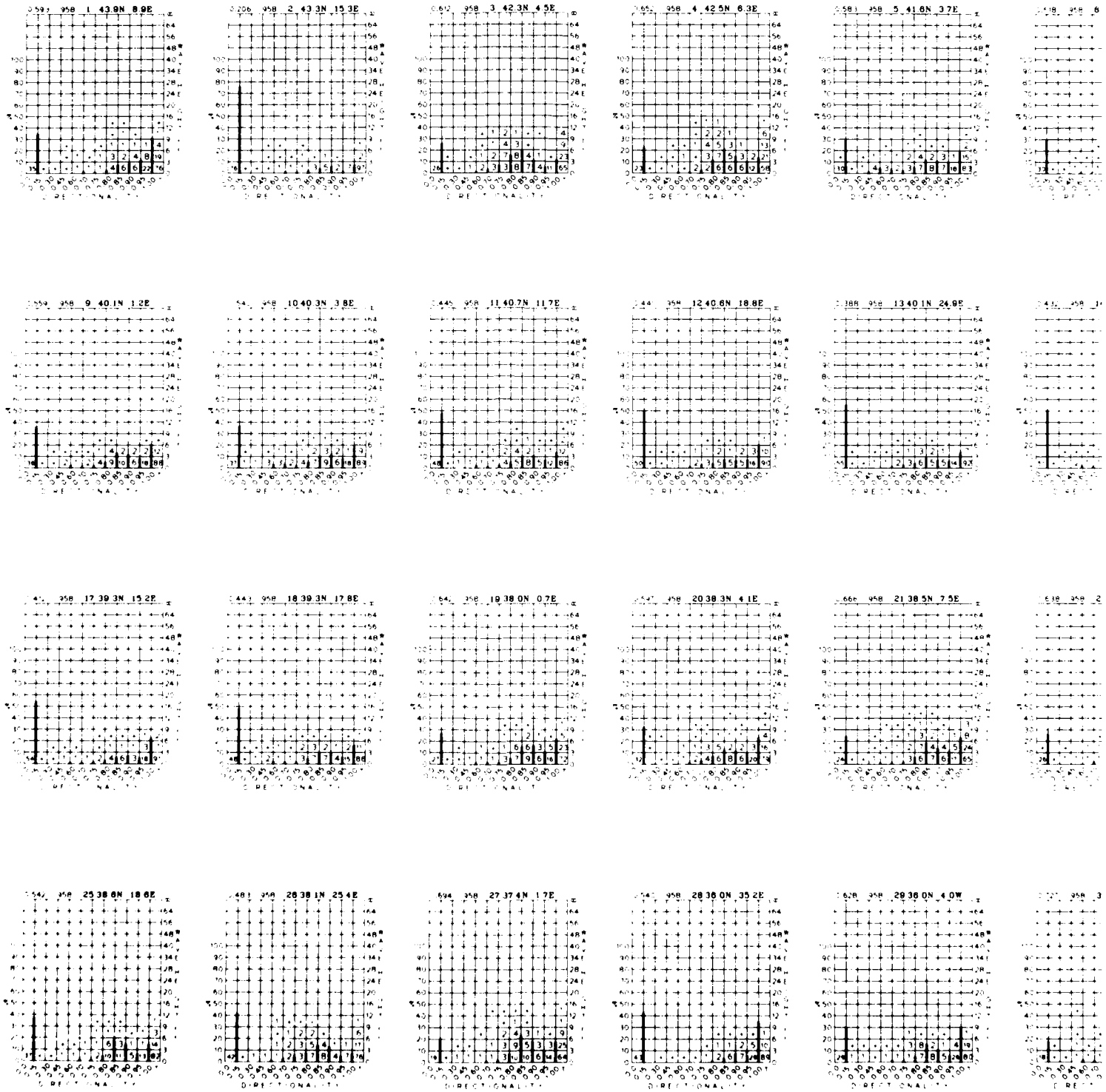
TIONALITY (Cont'd)

MAY



JUNE

WAVE HEIGHT



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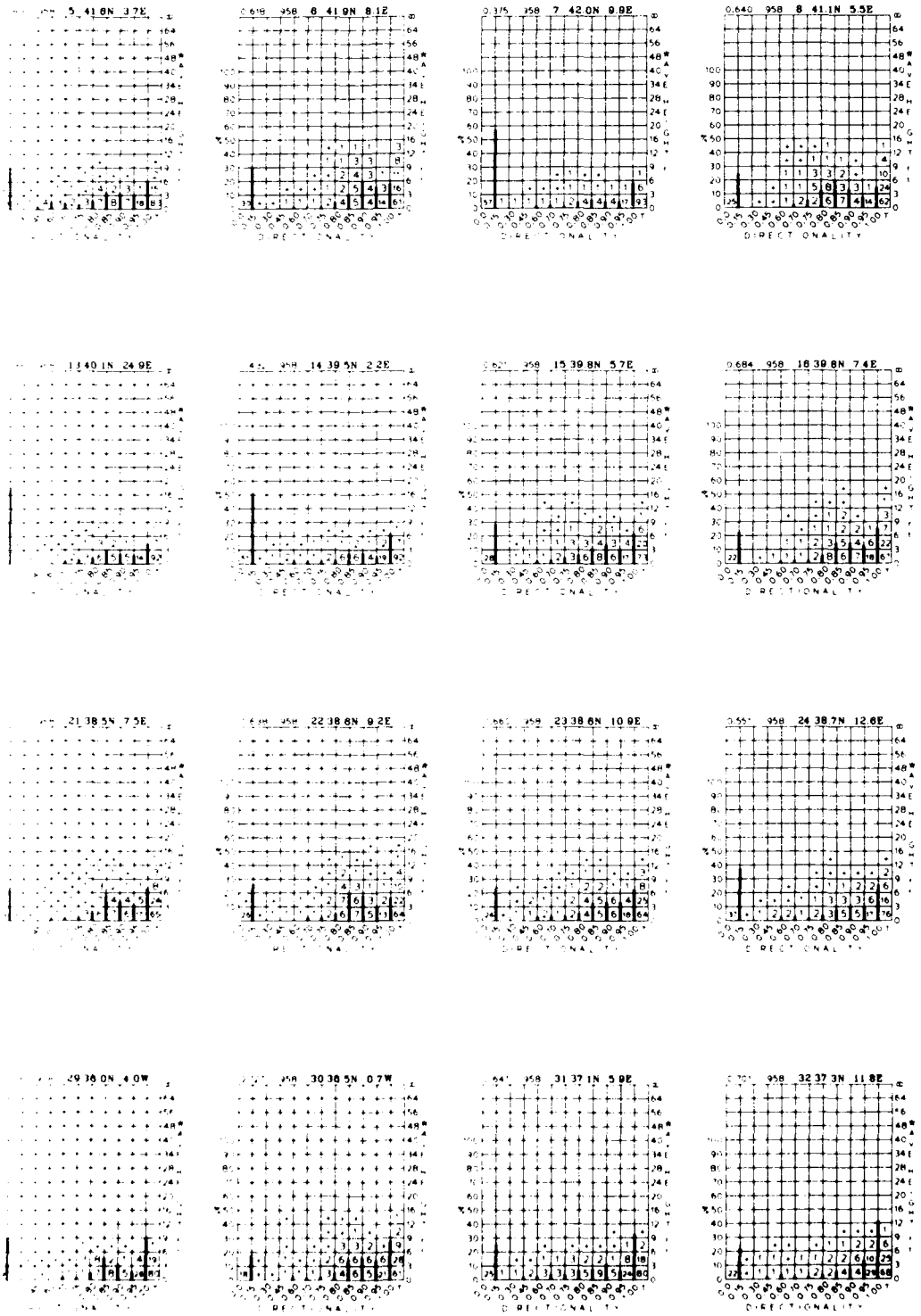
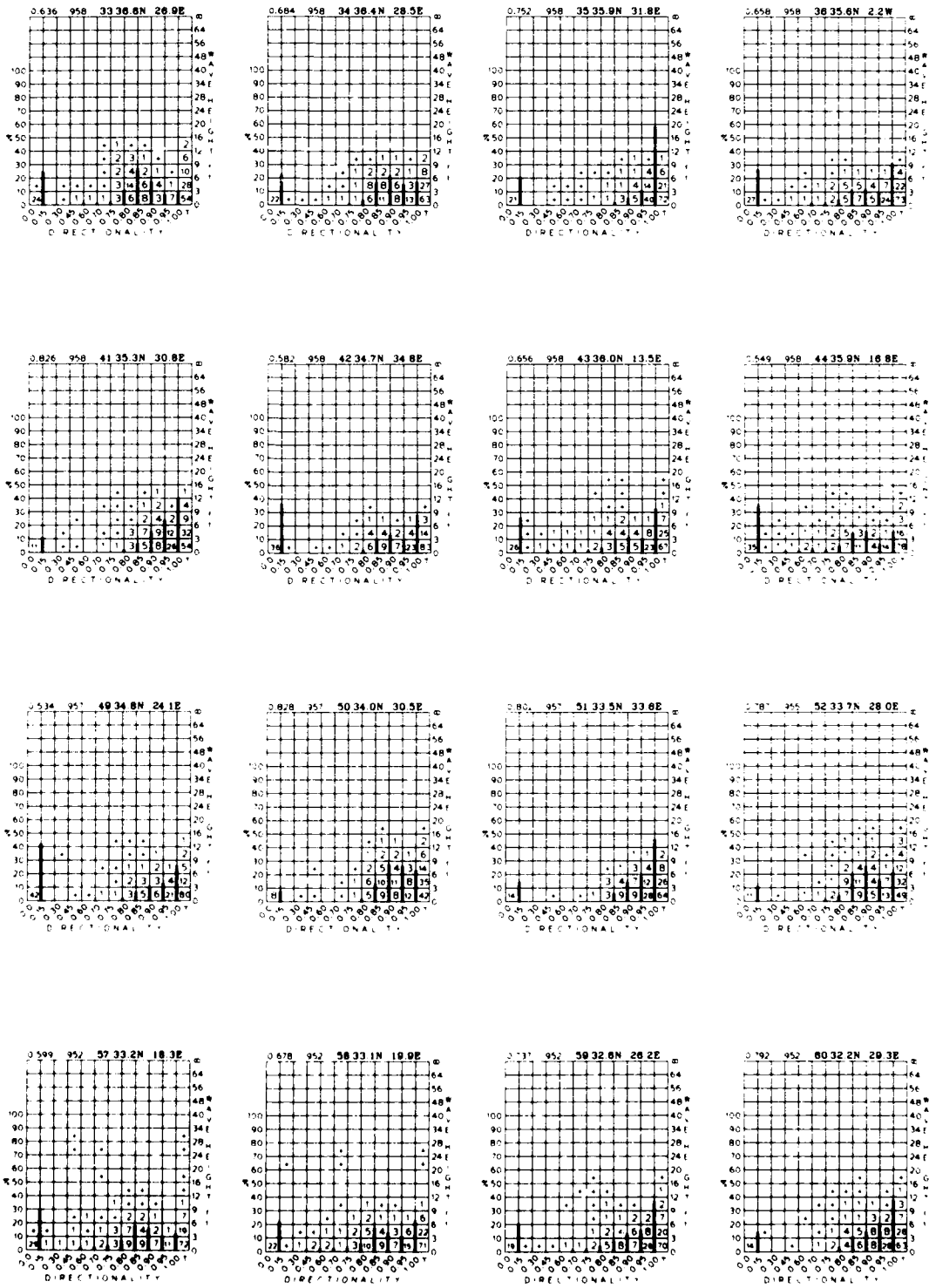


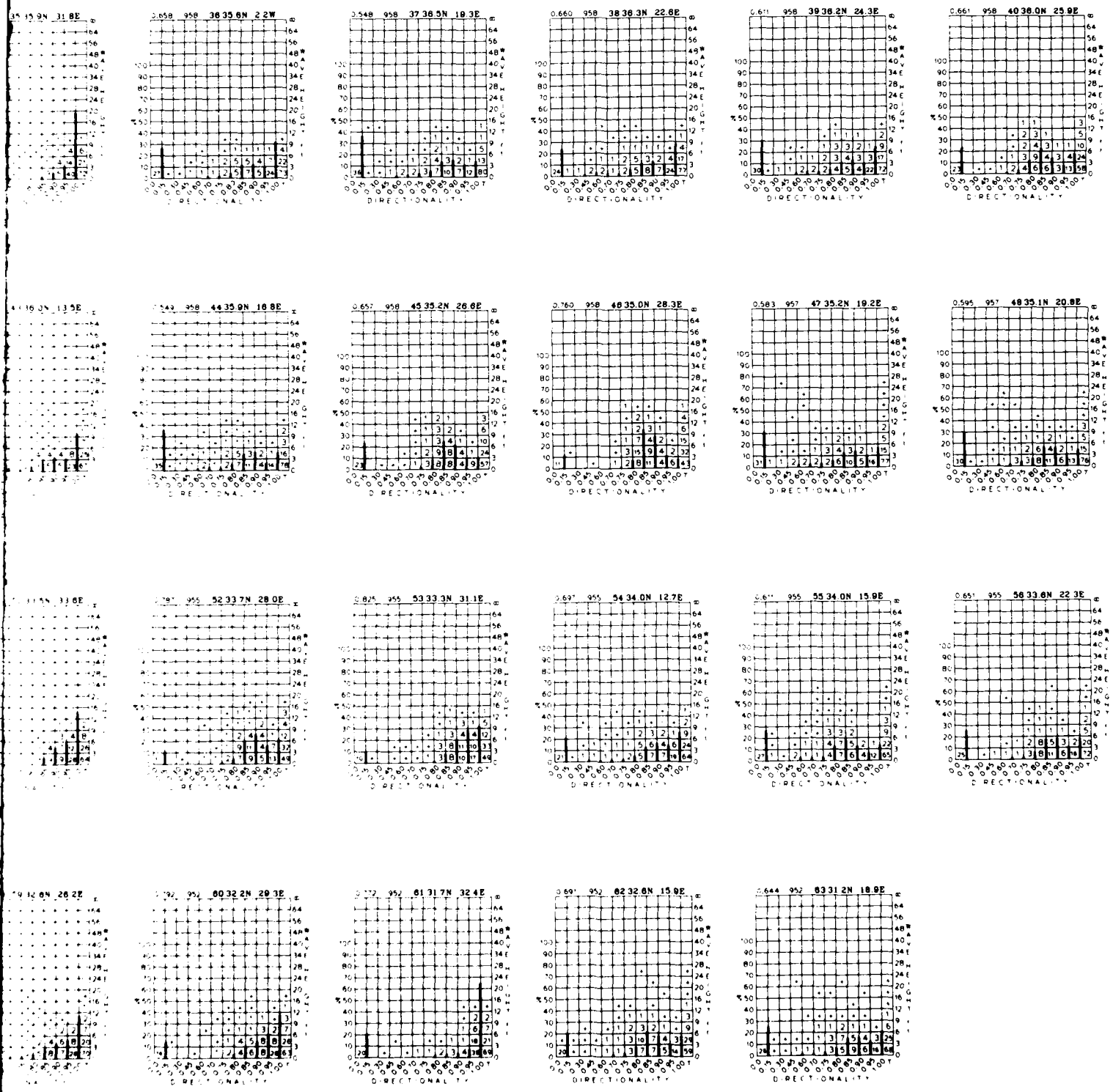
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



155A

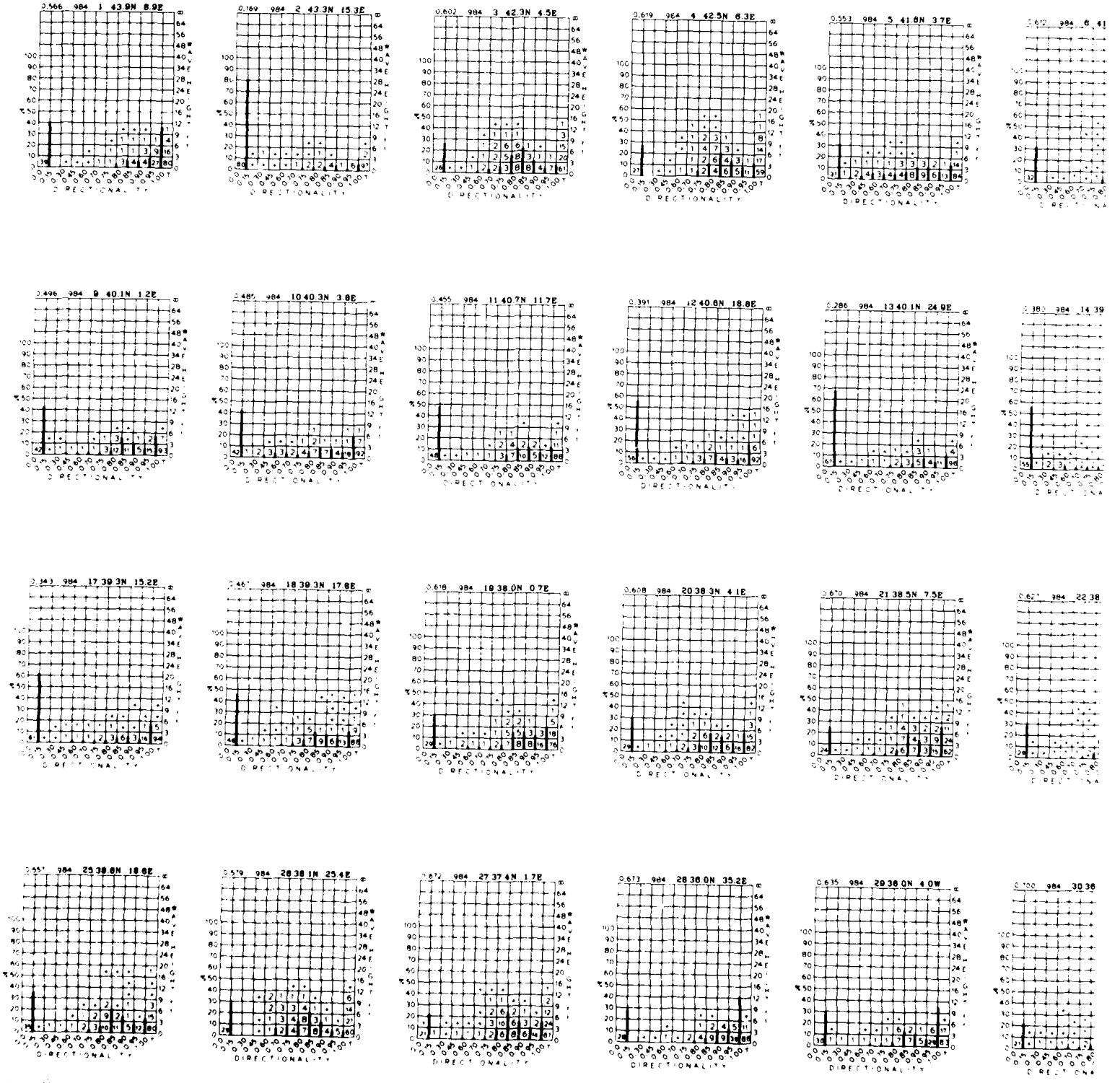
TIONALITY (Cont'd)

JUNE

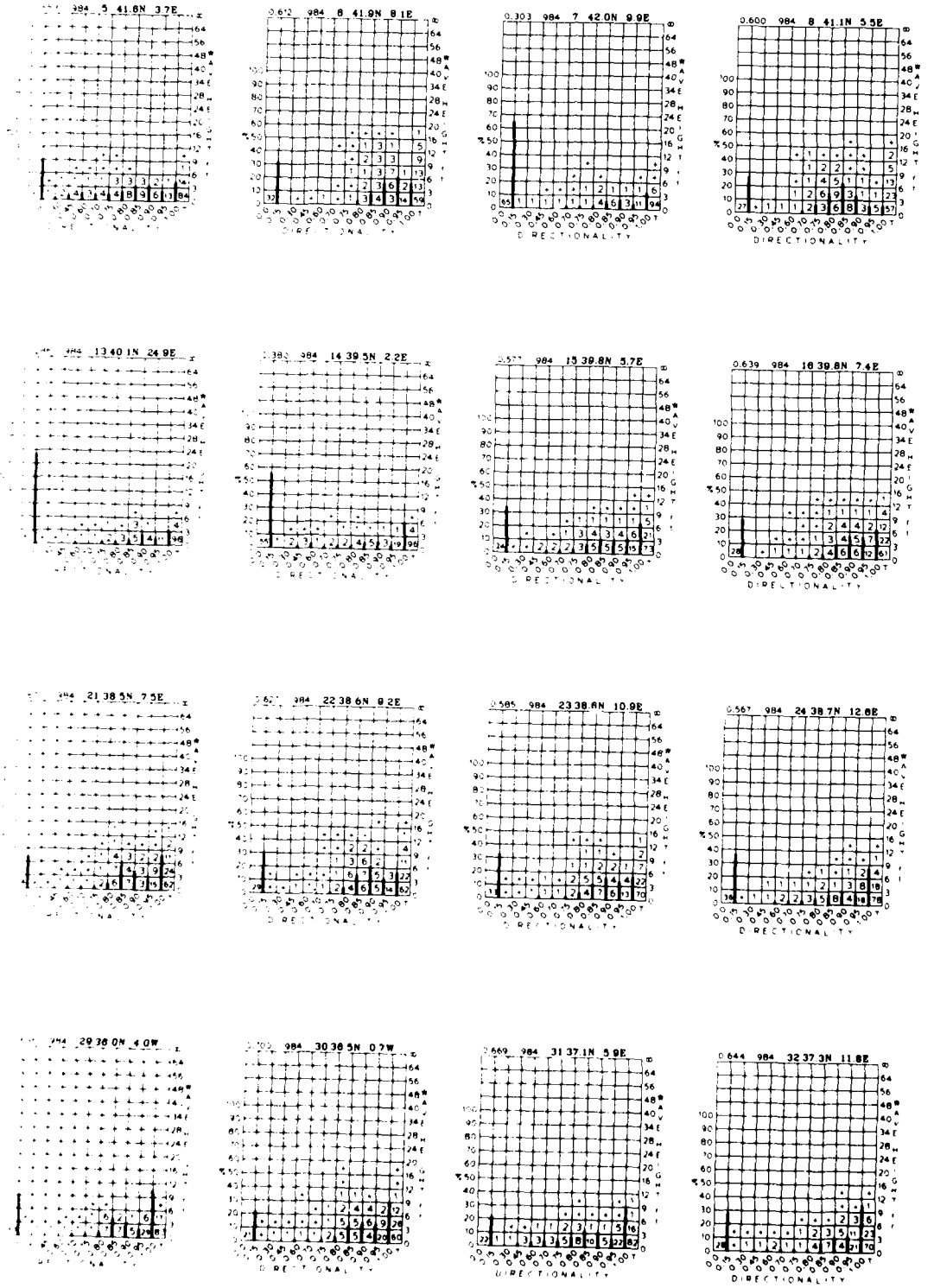


JULY

WAVE HEIGHT

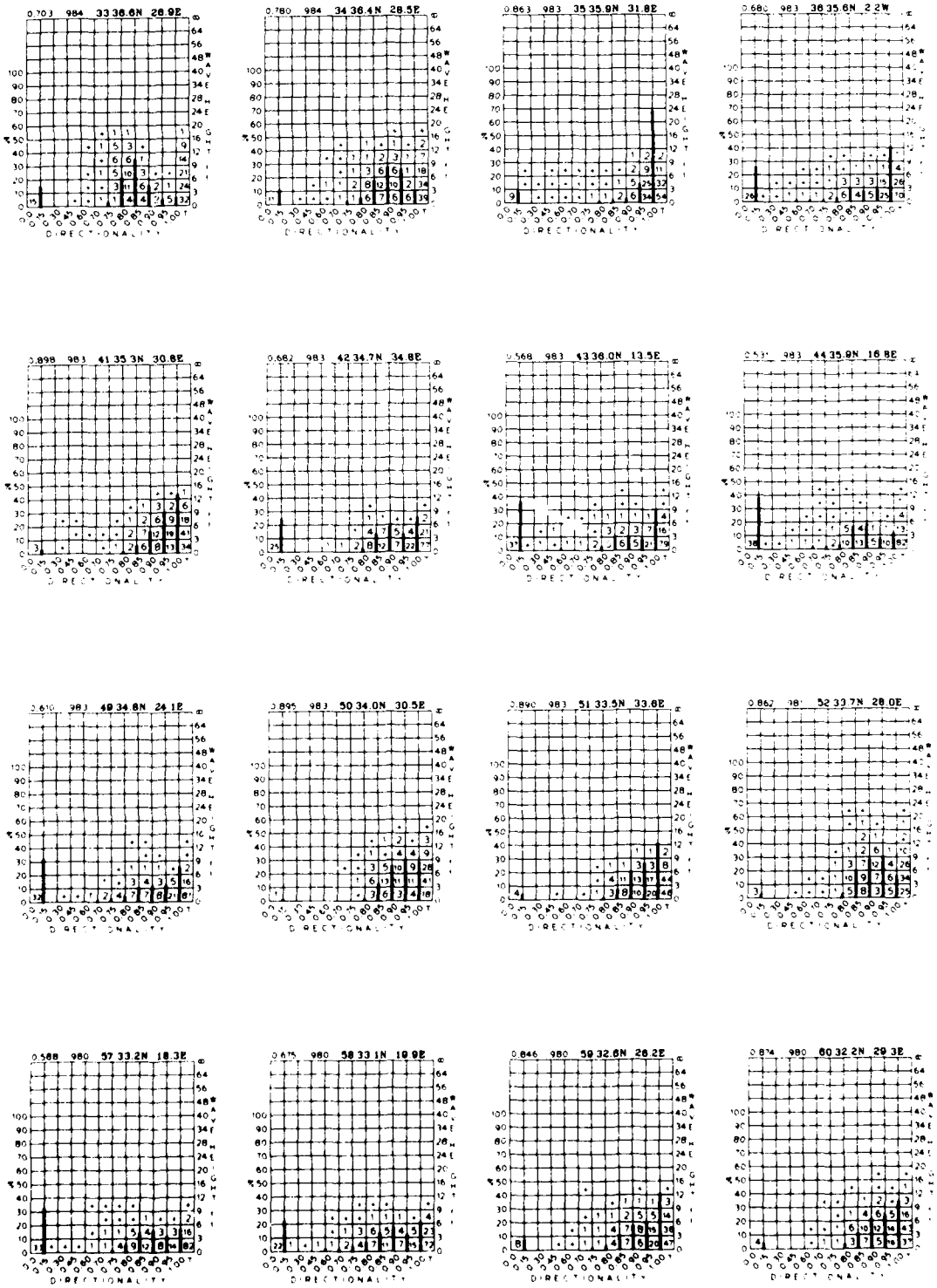


WAVE HEIGHT AND DIRECTIONALITY



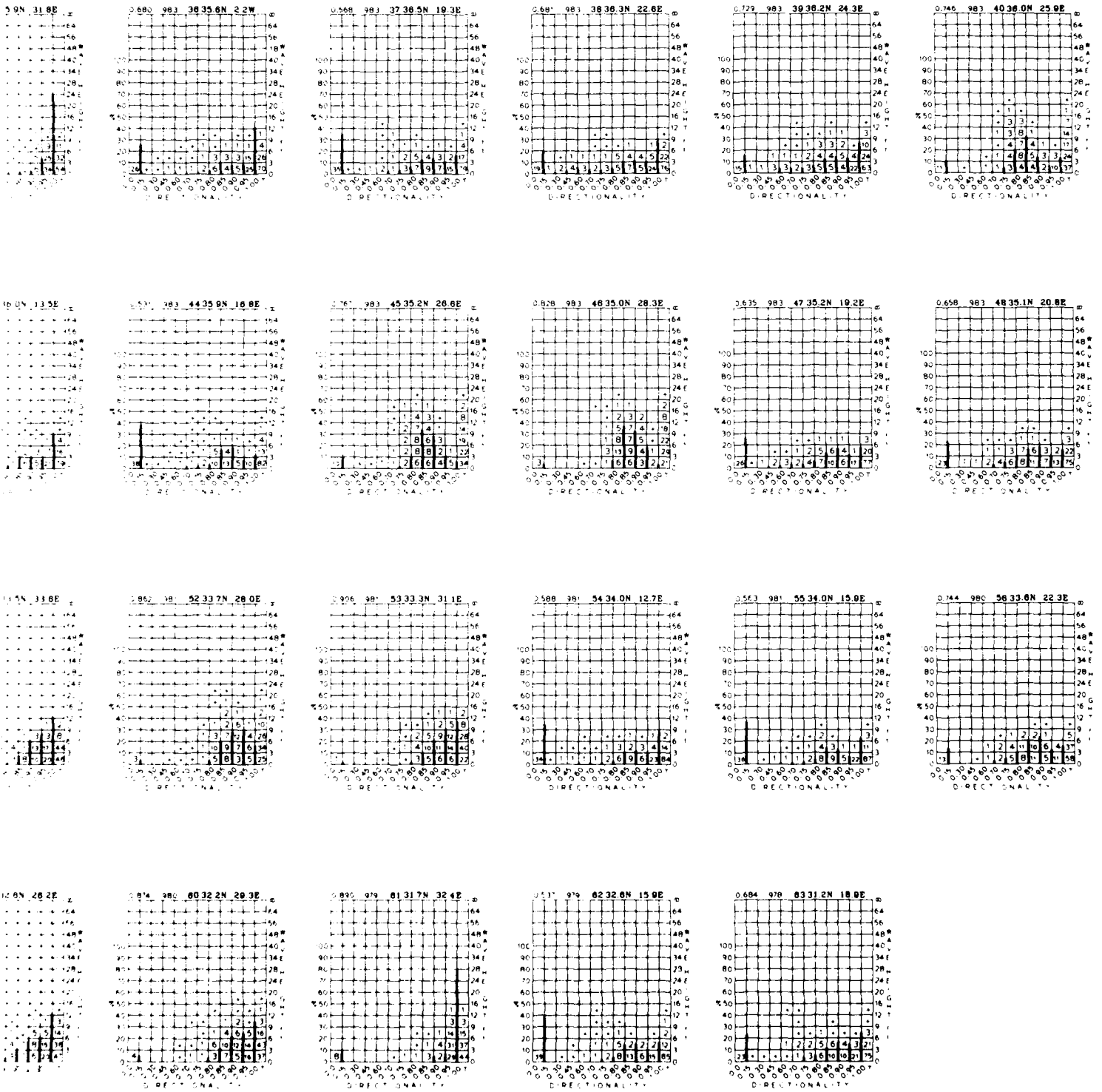
156A

WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



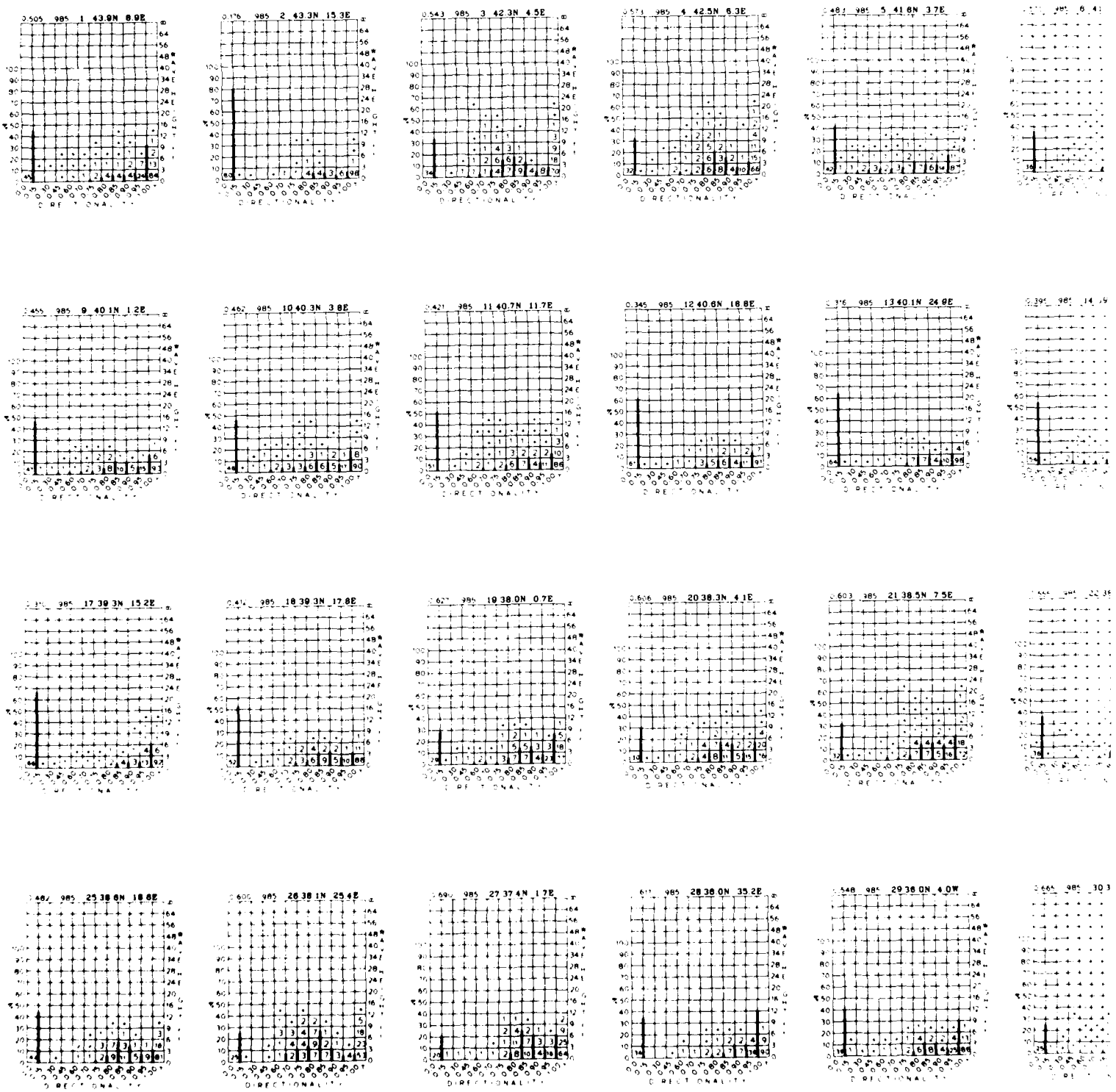
IONALITY (Cont'd)

JULY

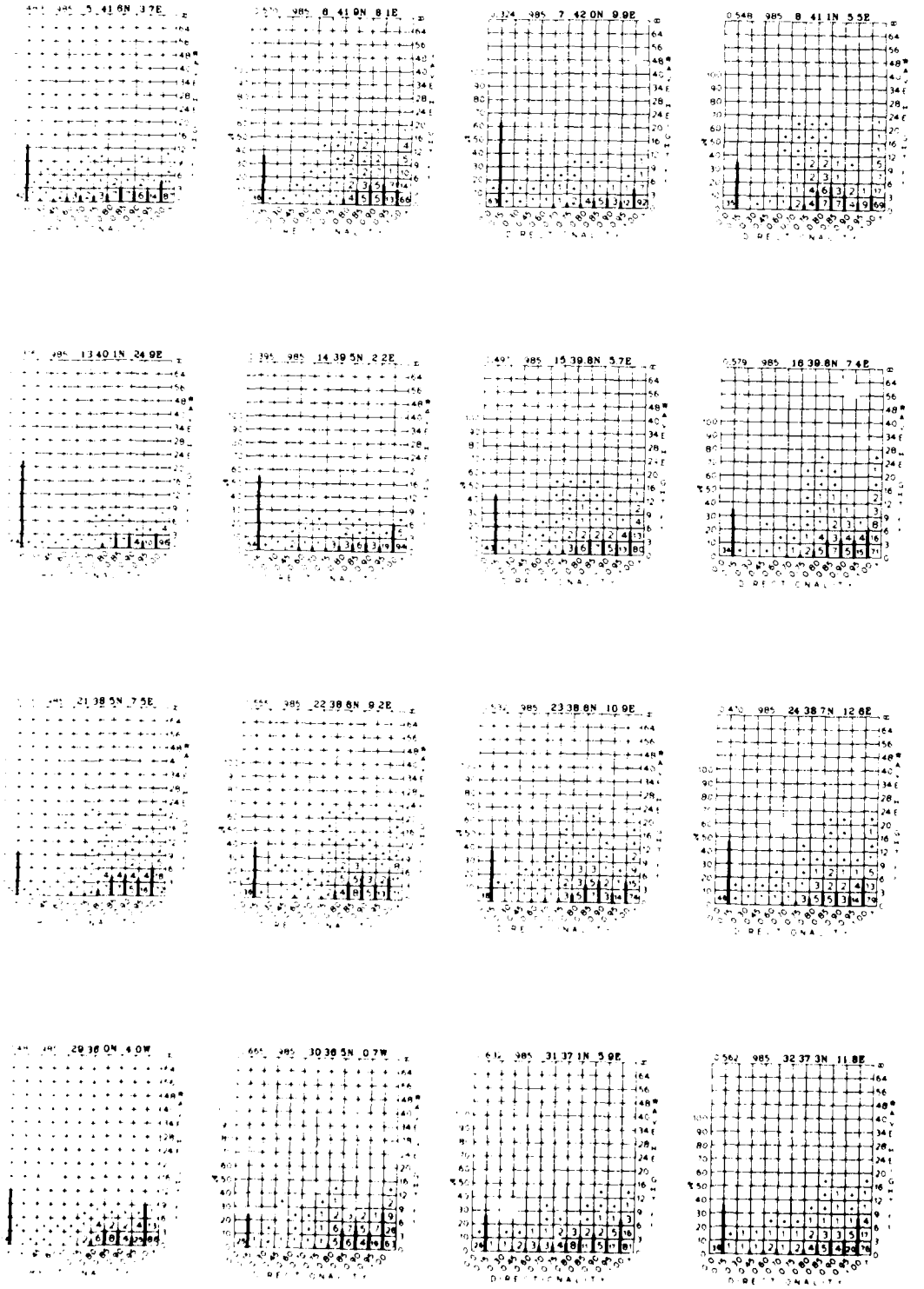


AUGUST

WAVE HEIGHT

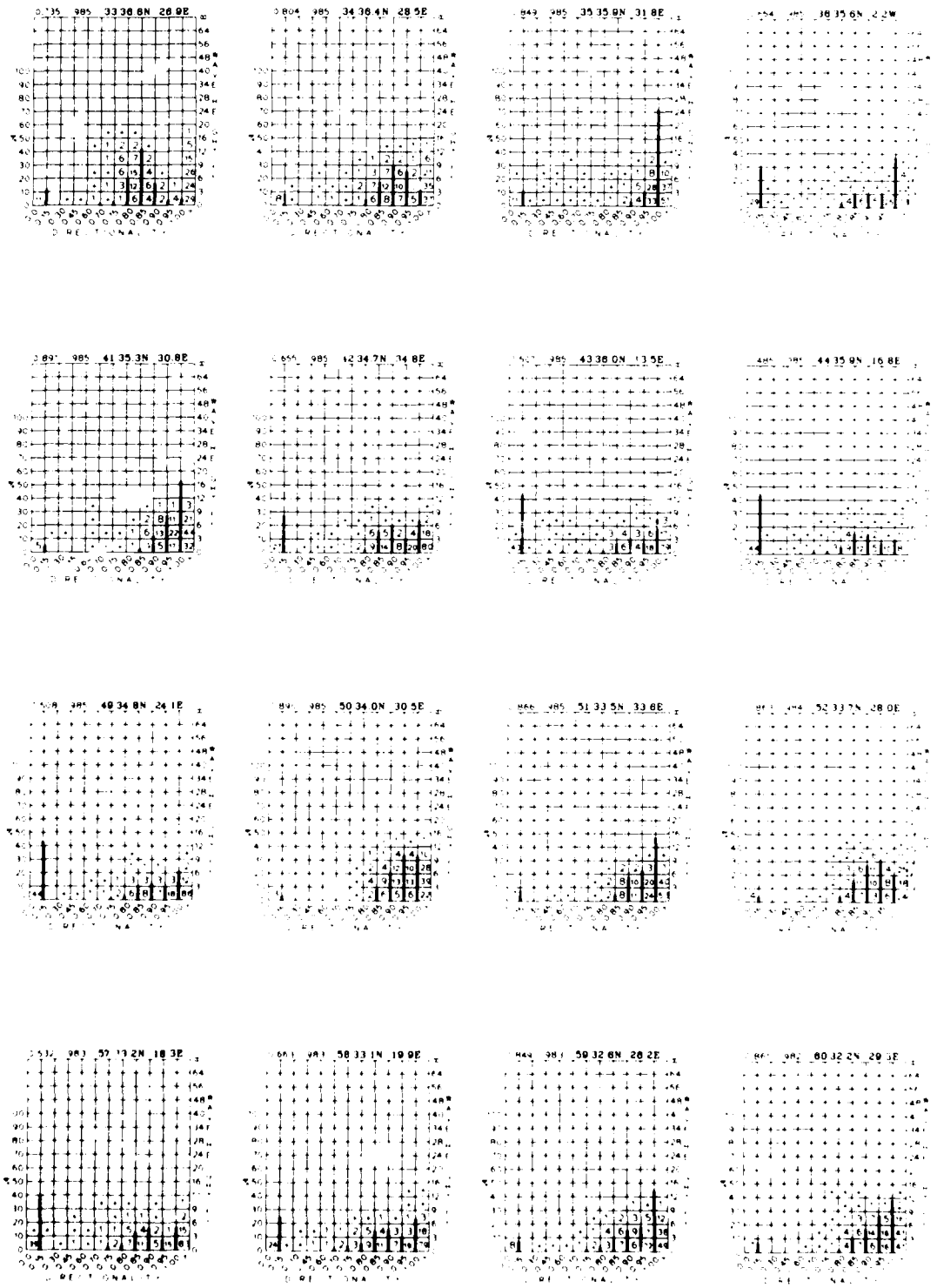


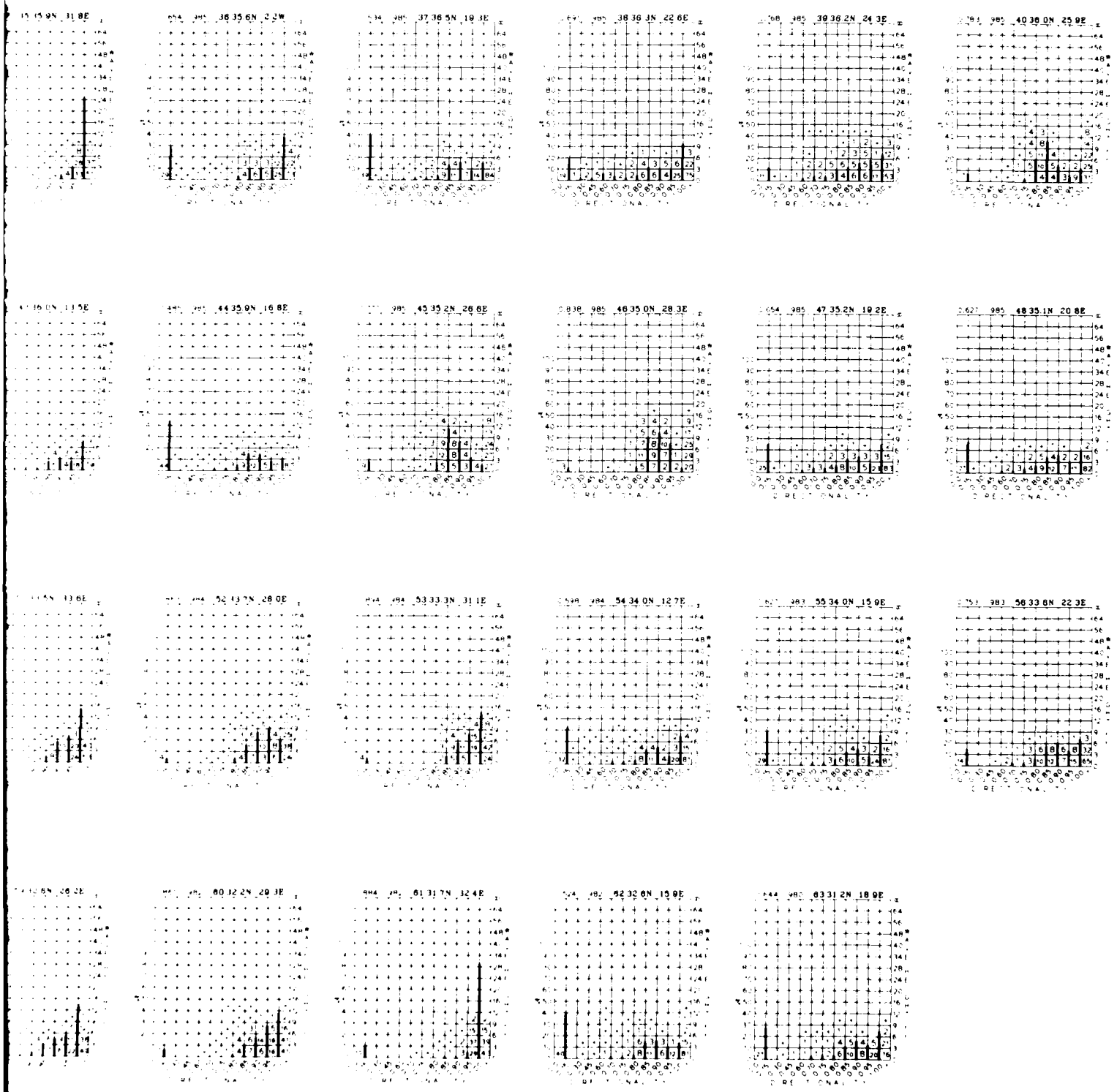
WAVE HEIGHT AND DIRECTIONALITY



58 B

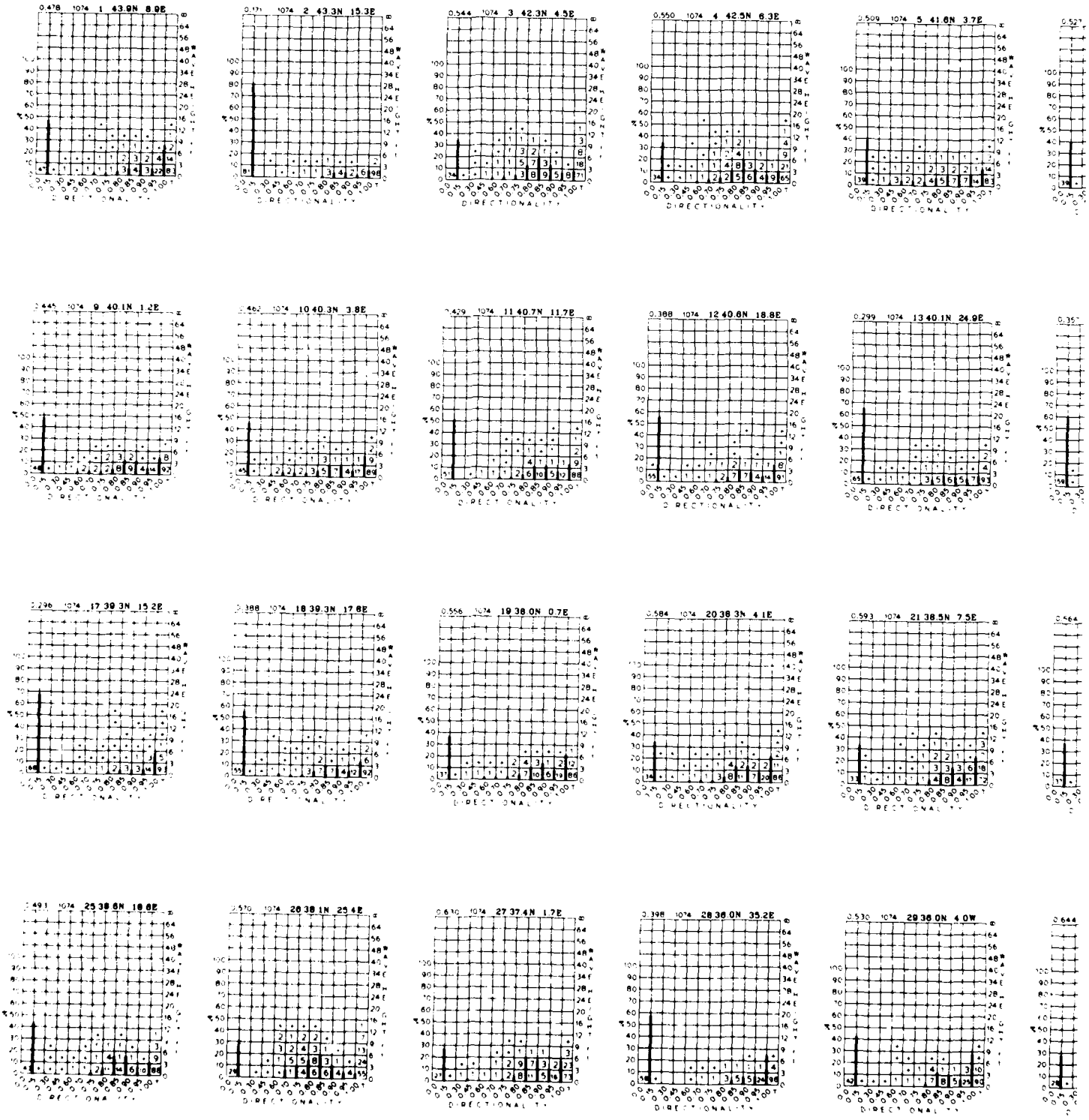
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



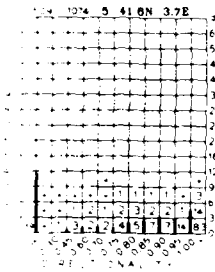


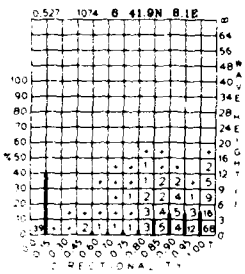
SEPTEMBER

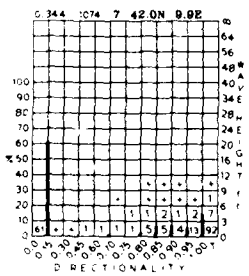
WAVE HEIG

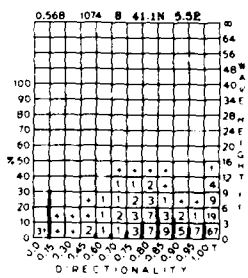


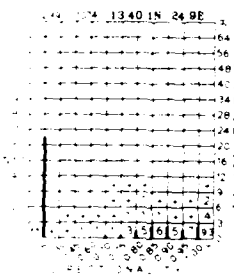
WAVE HEIGHT AND DIRECTIONALITY

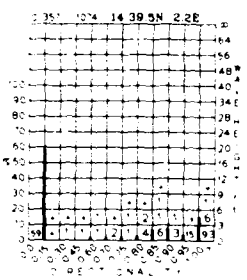


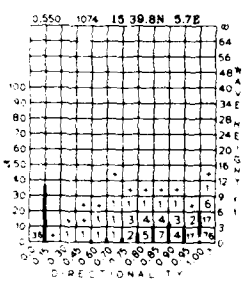


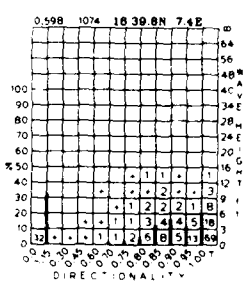


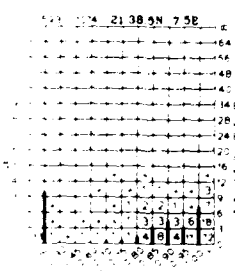


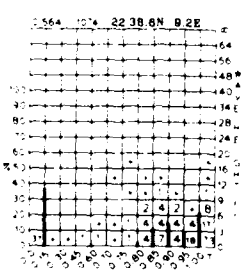


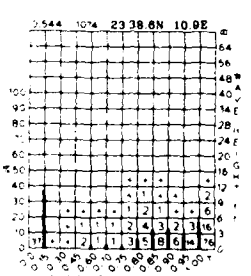


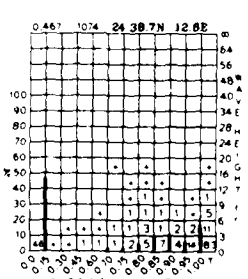


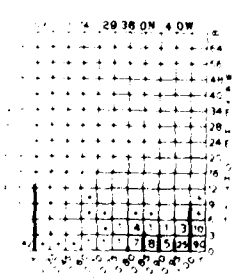


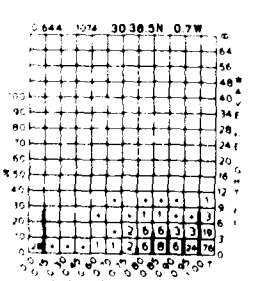


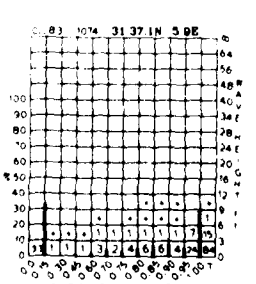


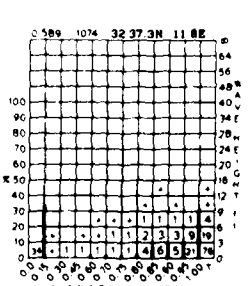




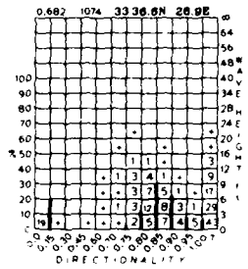


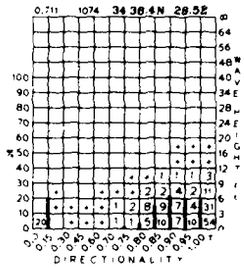


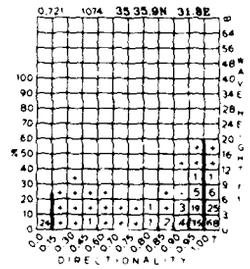


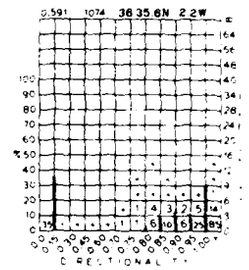


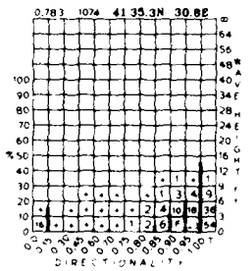
WAVE HEIGHT AND DIRECTIONALITY (Cont

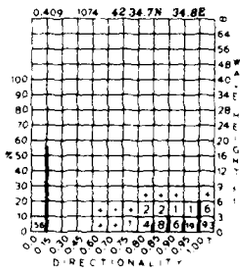


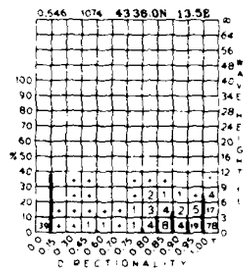


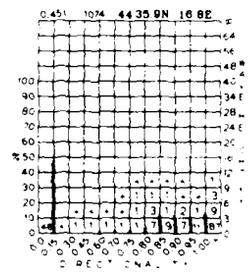


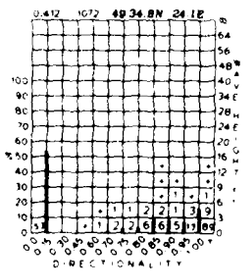


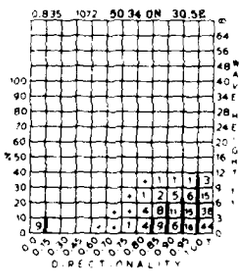


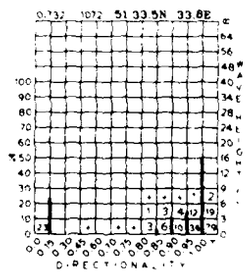


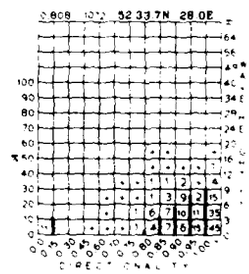


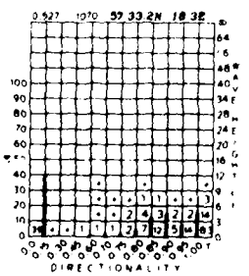


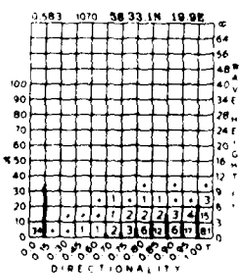


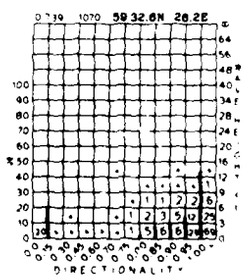


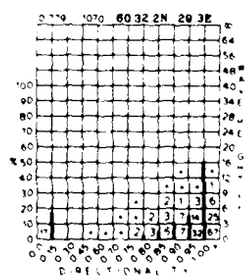






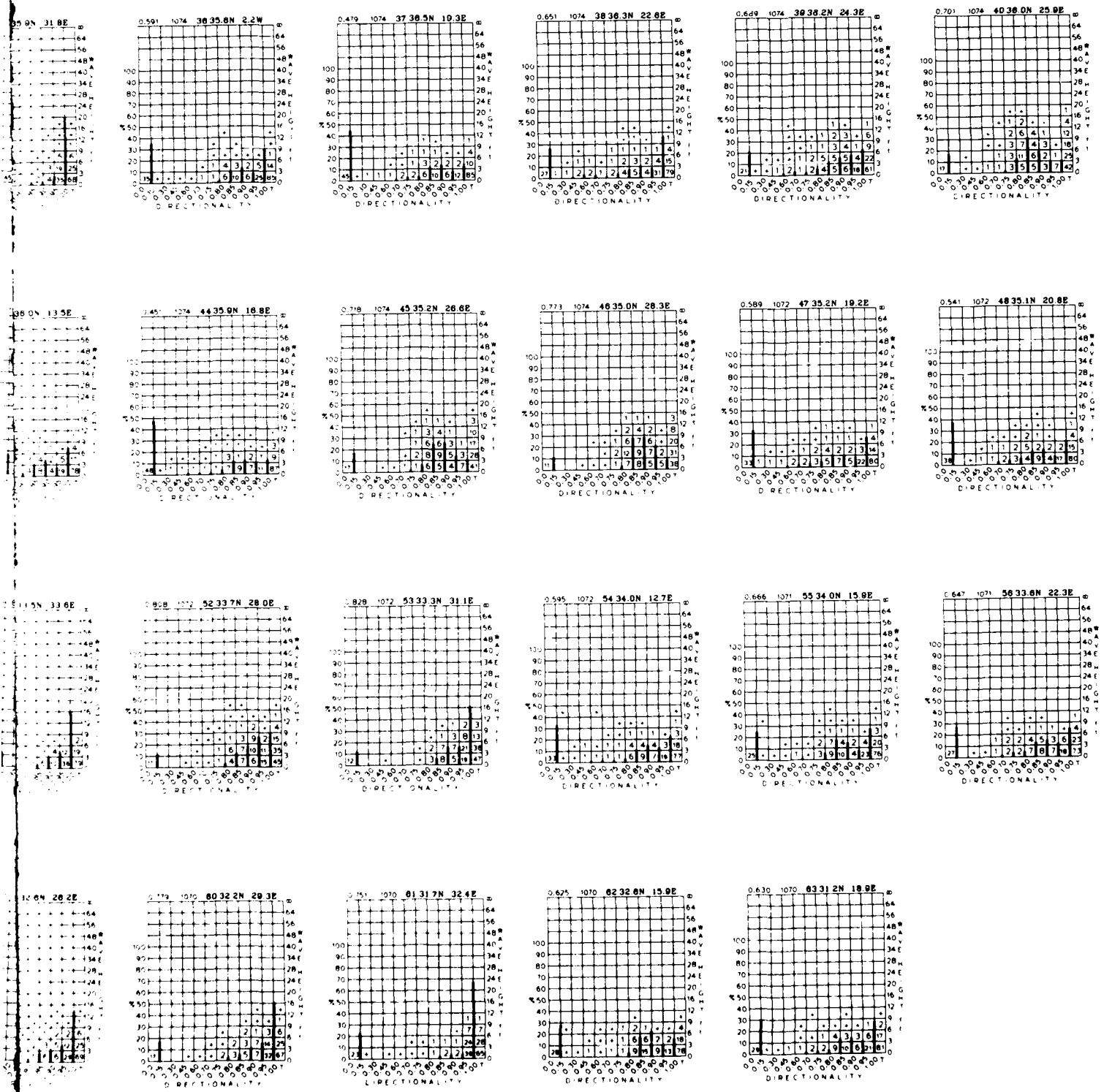






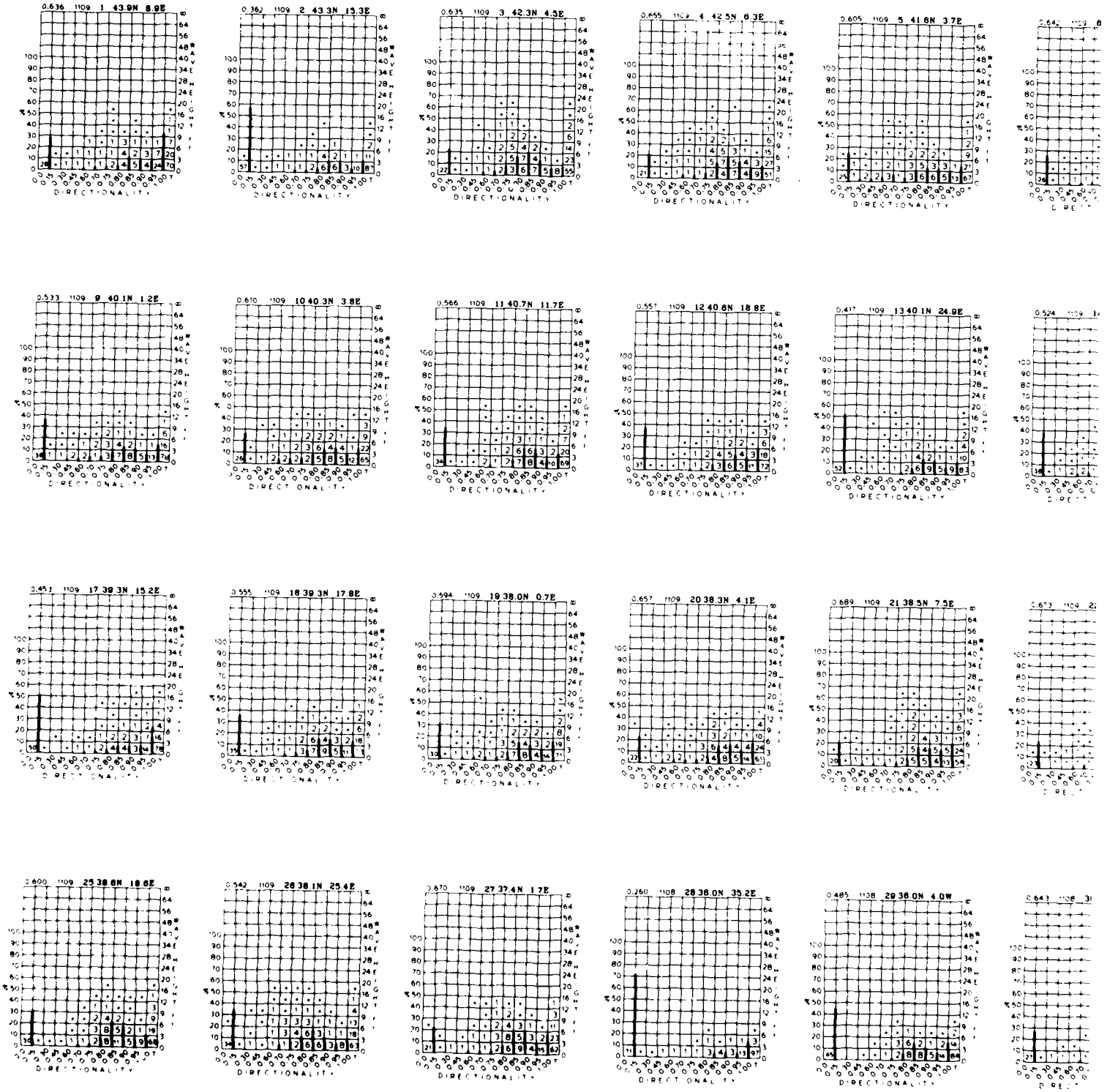
IONALITY (Cont'd)

SEPTEMBER

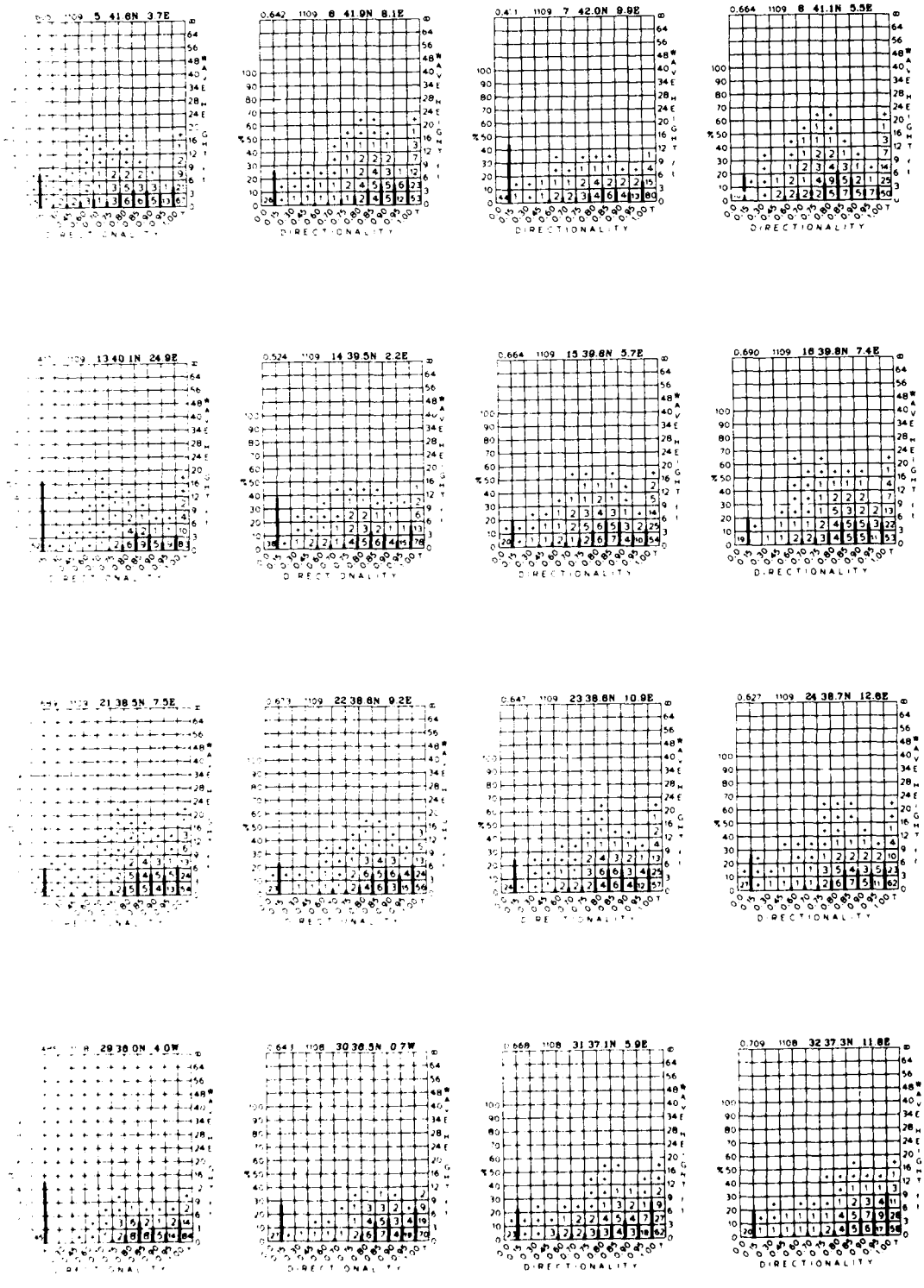


OCTOBER

WAVE HEIGHT

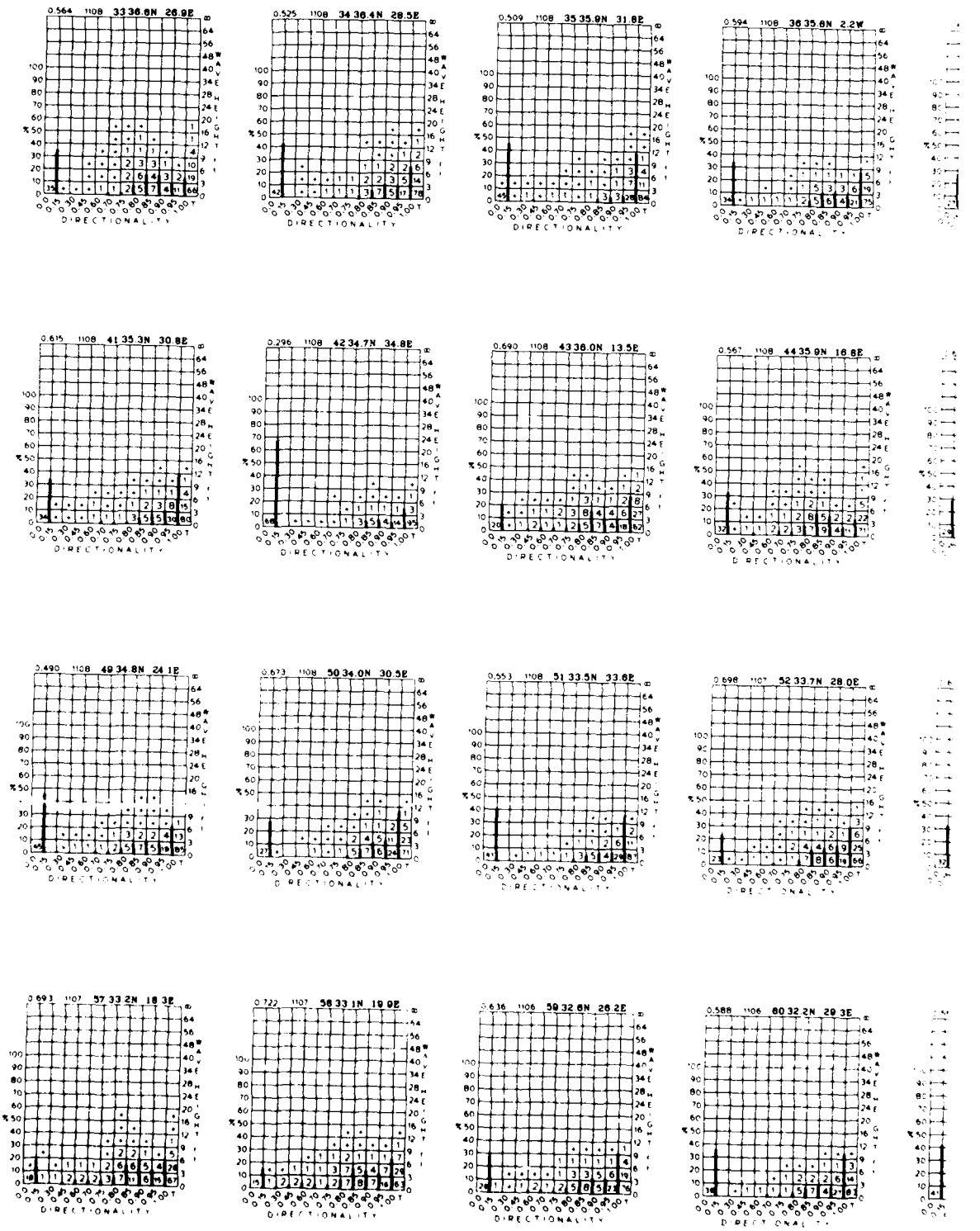


WAVE HEIGHT AND DIRECTIONALITY



162 B

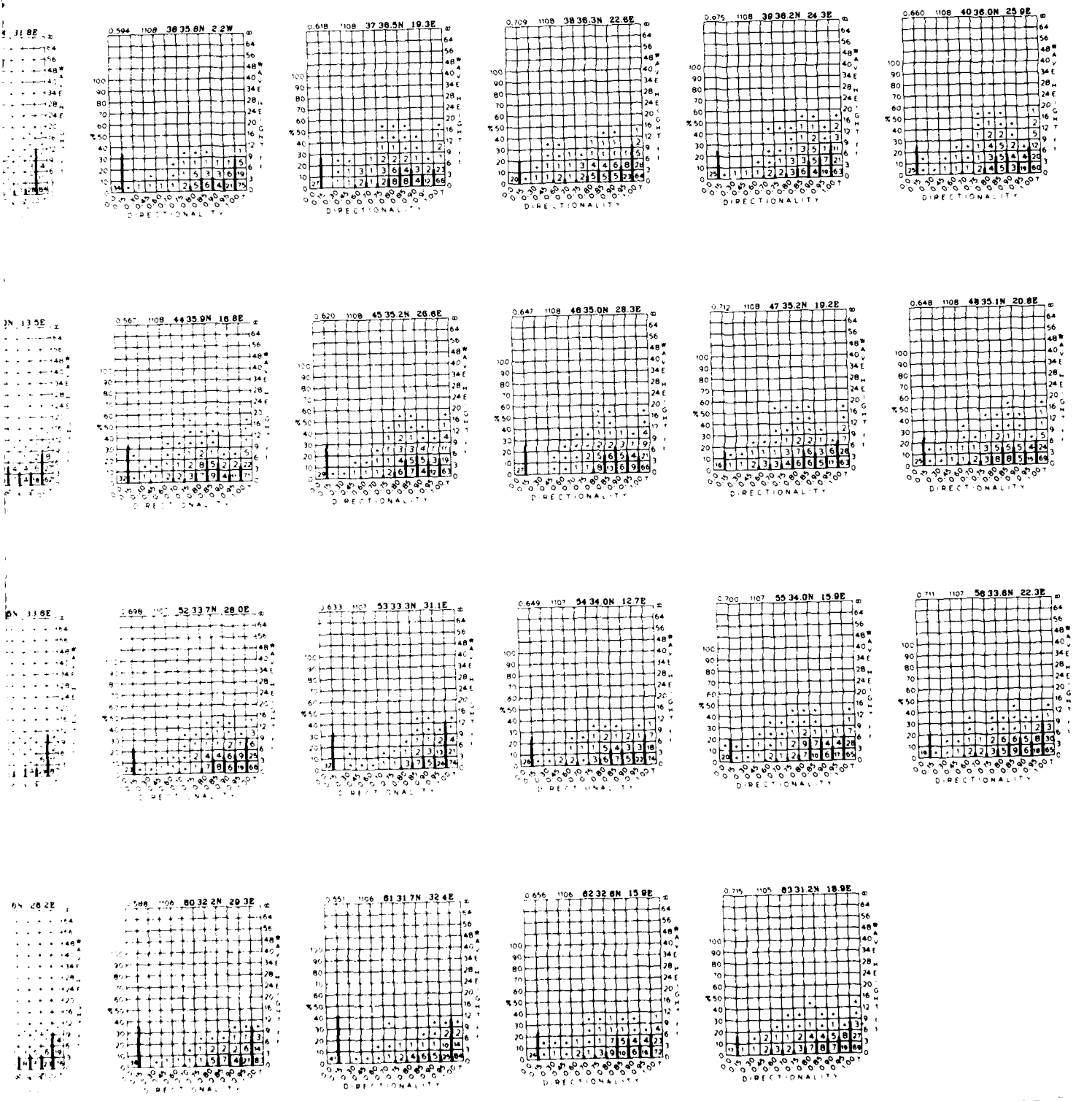
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)



16-3 A

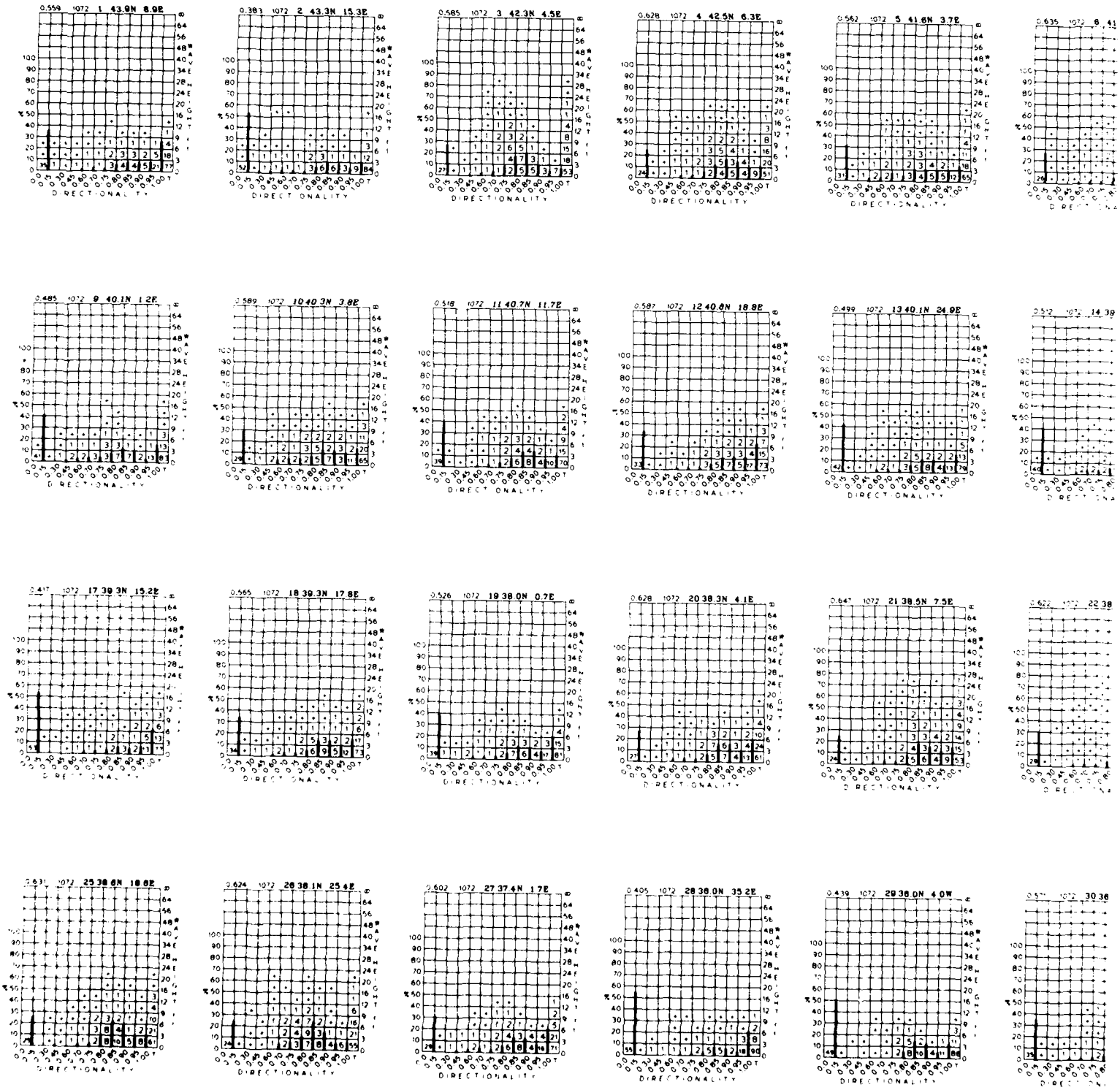
ONALITY (Cont'd)

OCTOBER

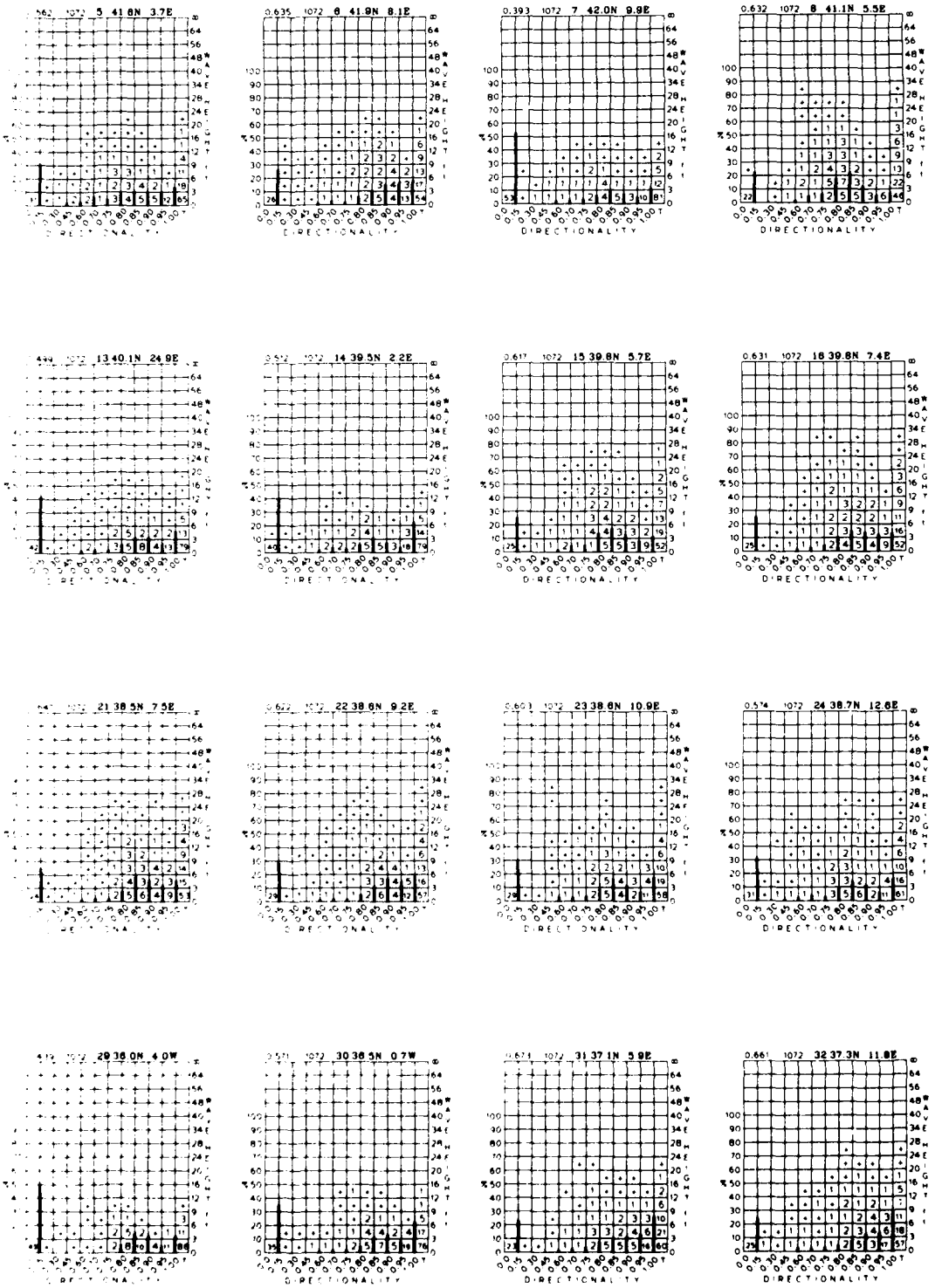


NOVEMBER

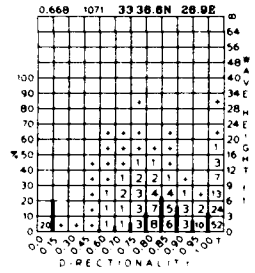
WAVE HEIGHT

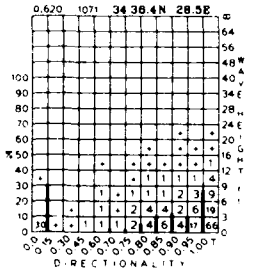


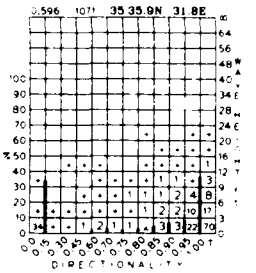
WAVE HEIGHT AND DIRECTIONALITY

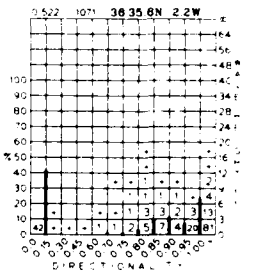


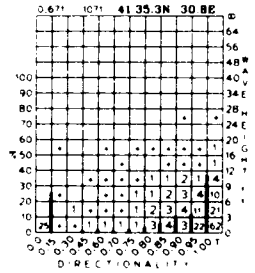
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)

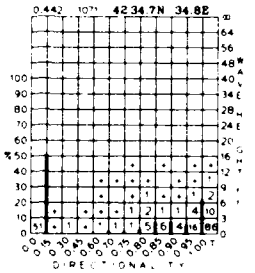


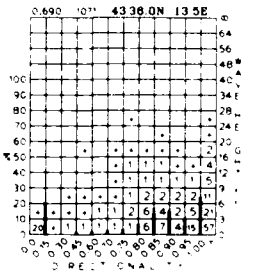


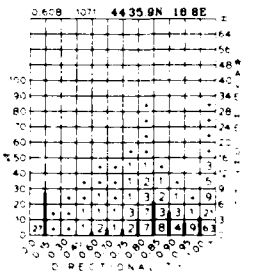


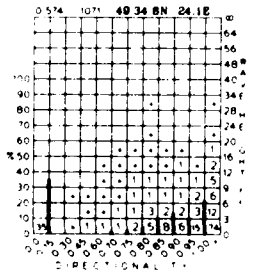


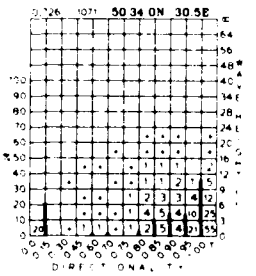


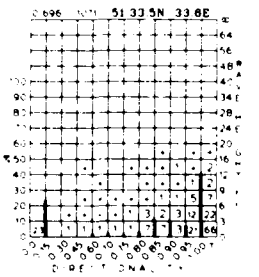


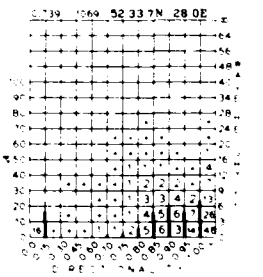


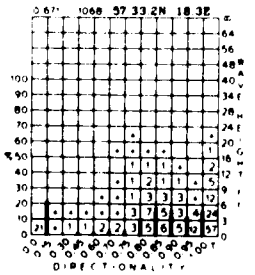


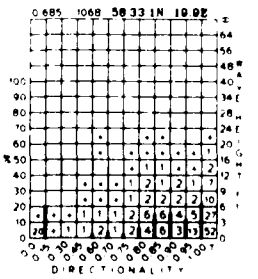


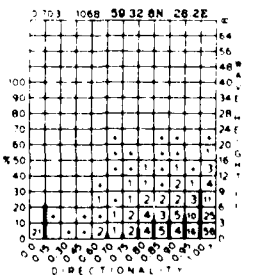


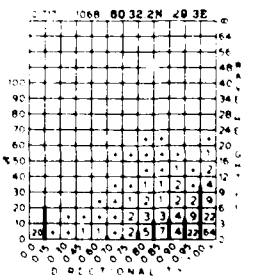




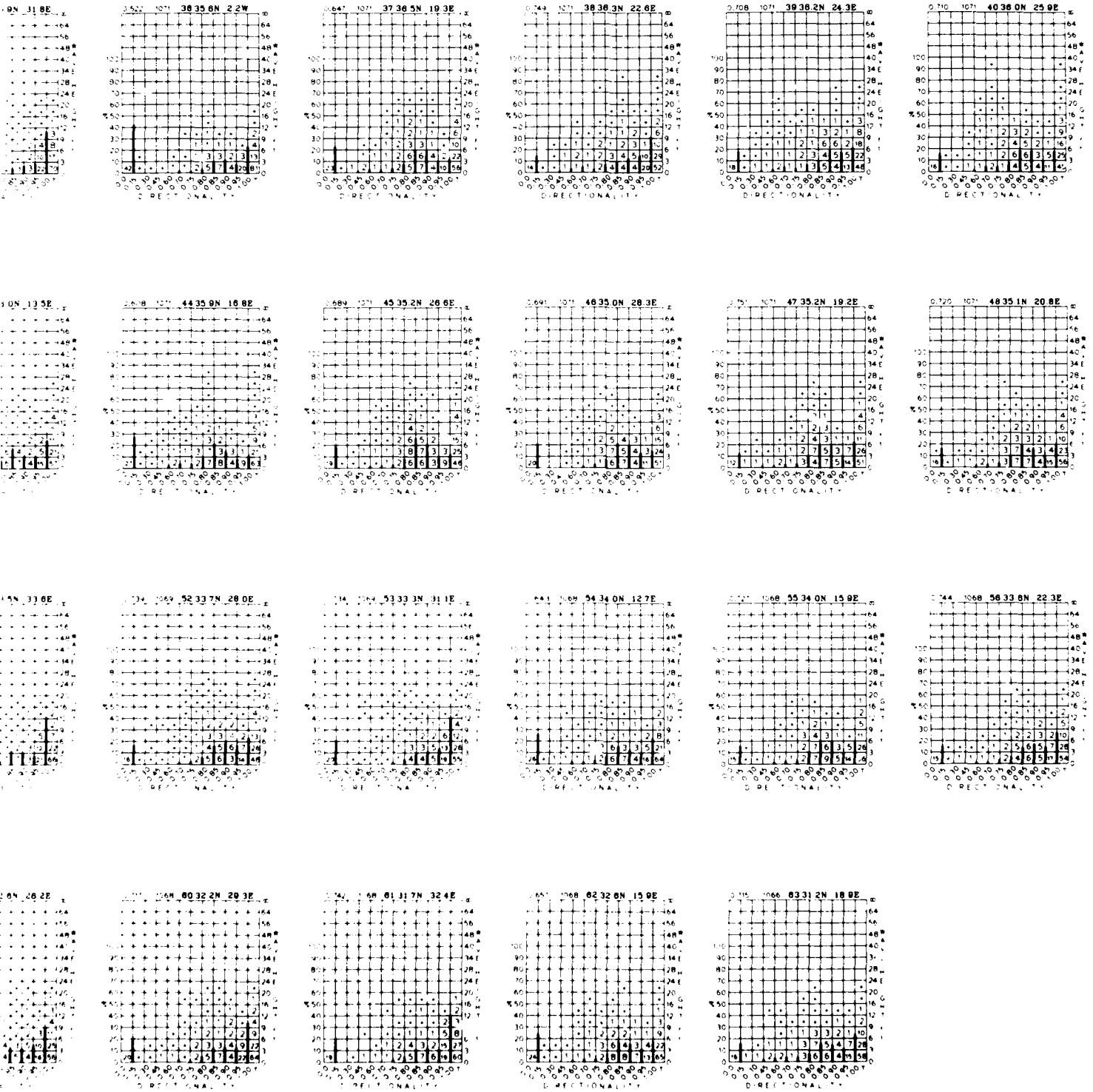








165 A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37 36.5N 19.3E
38 36.3N 22.6E
39 36.2N 24.3E
40 36.0N 25.9E
44 35.9N 18.8E
45 35.2N 26.6E
46 35.0N 28.3E
47 35.2N 19.2E
48 35.1N 20.8E
52 33.7N 28.0E
53 33.3N 31.1E
54 34.0N 12.7E
55 34.0N 15.9E
56 33.8N 22.3E
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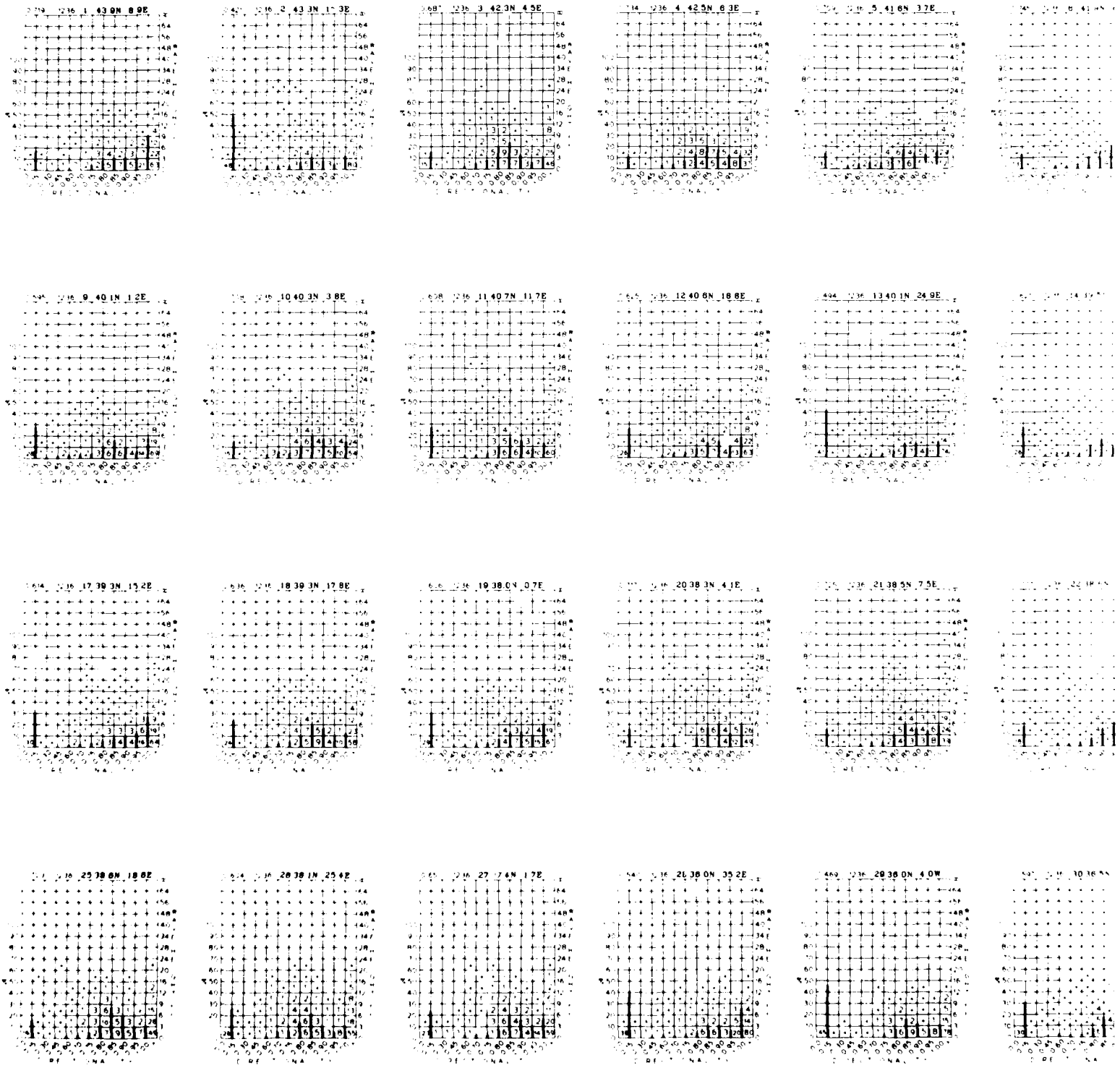
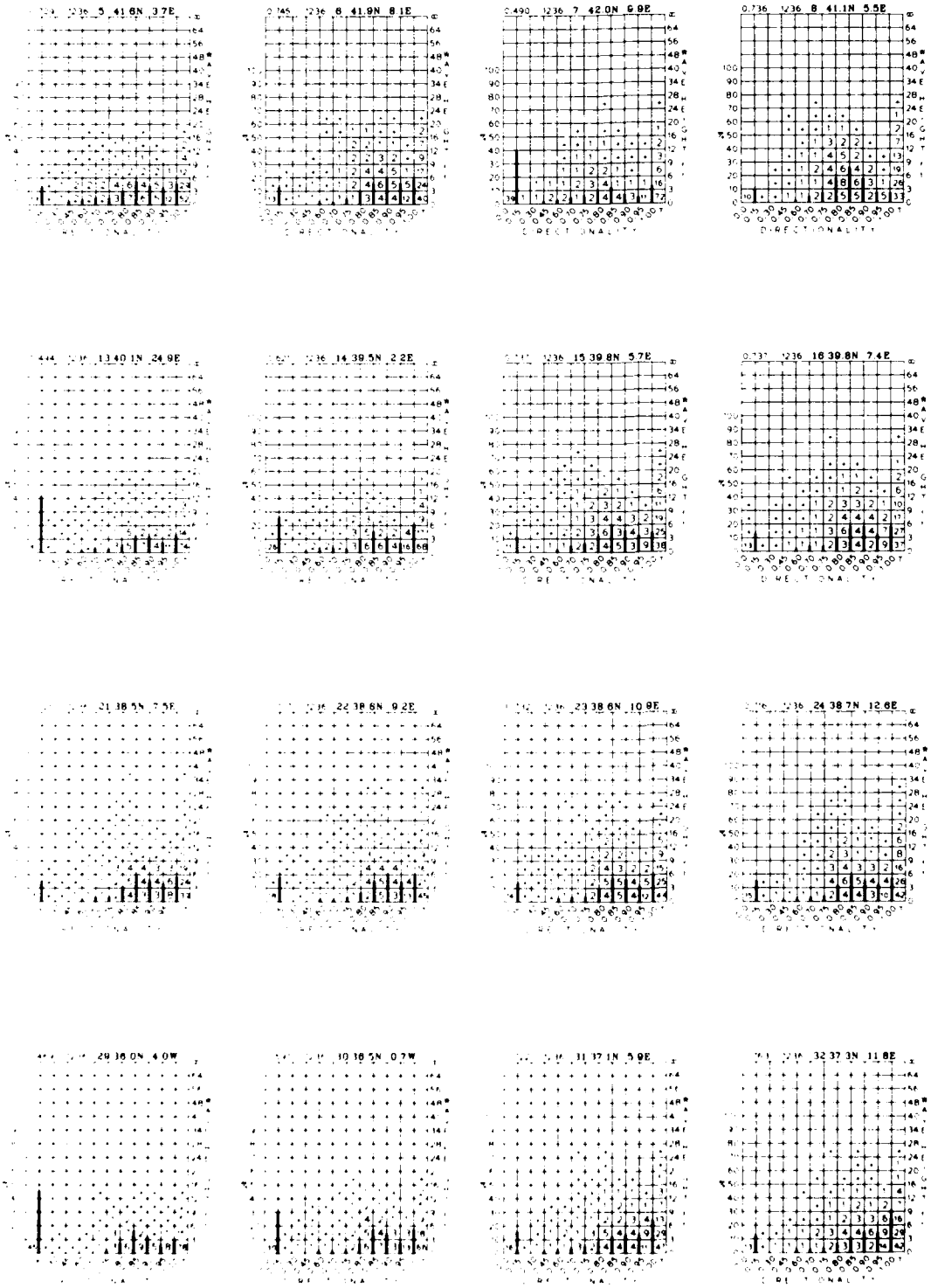
61 31.7N 32.4E
62 32.6N 15.9E
63 31.2N 18.9E

DECEMBER

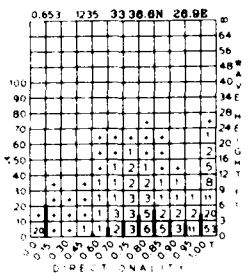
WAVE HEIGHT A

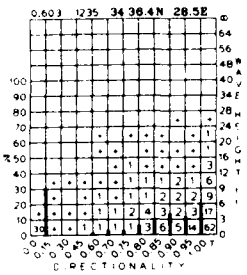


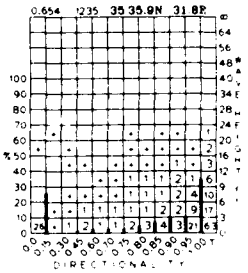
WAVE HEIGHT AND DIRECTIONALITY

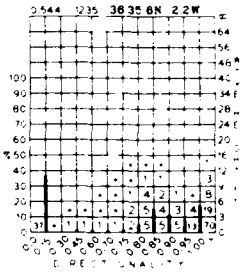


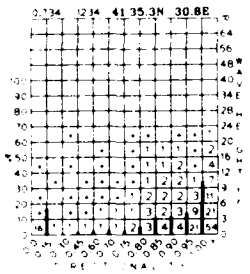
WAVE HEIGHT AND DIRECTIONALITY (Cont'd

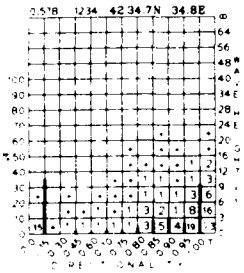


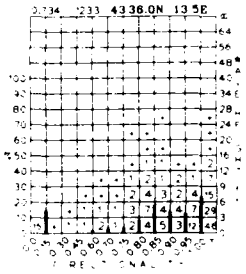


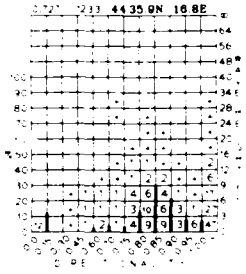


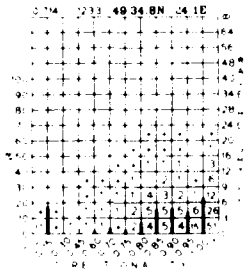


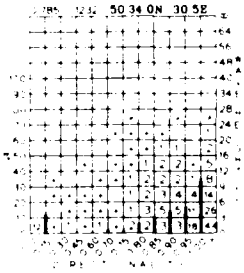


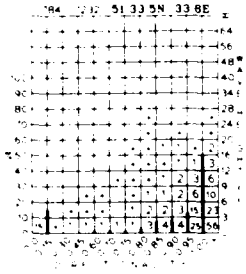


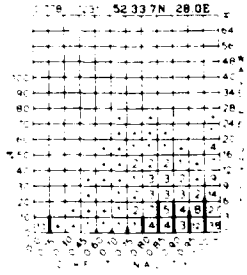


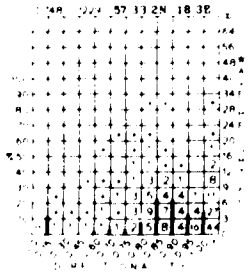


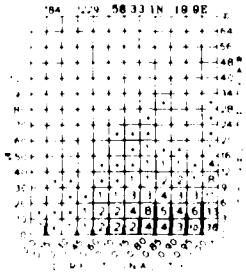


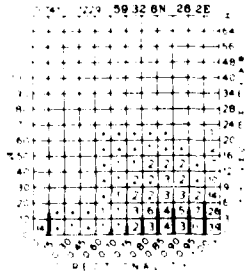


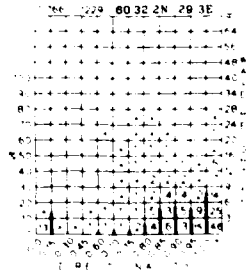


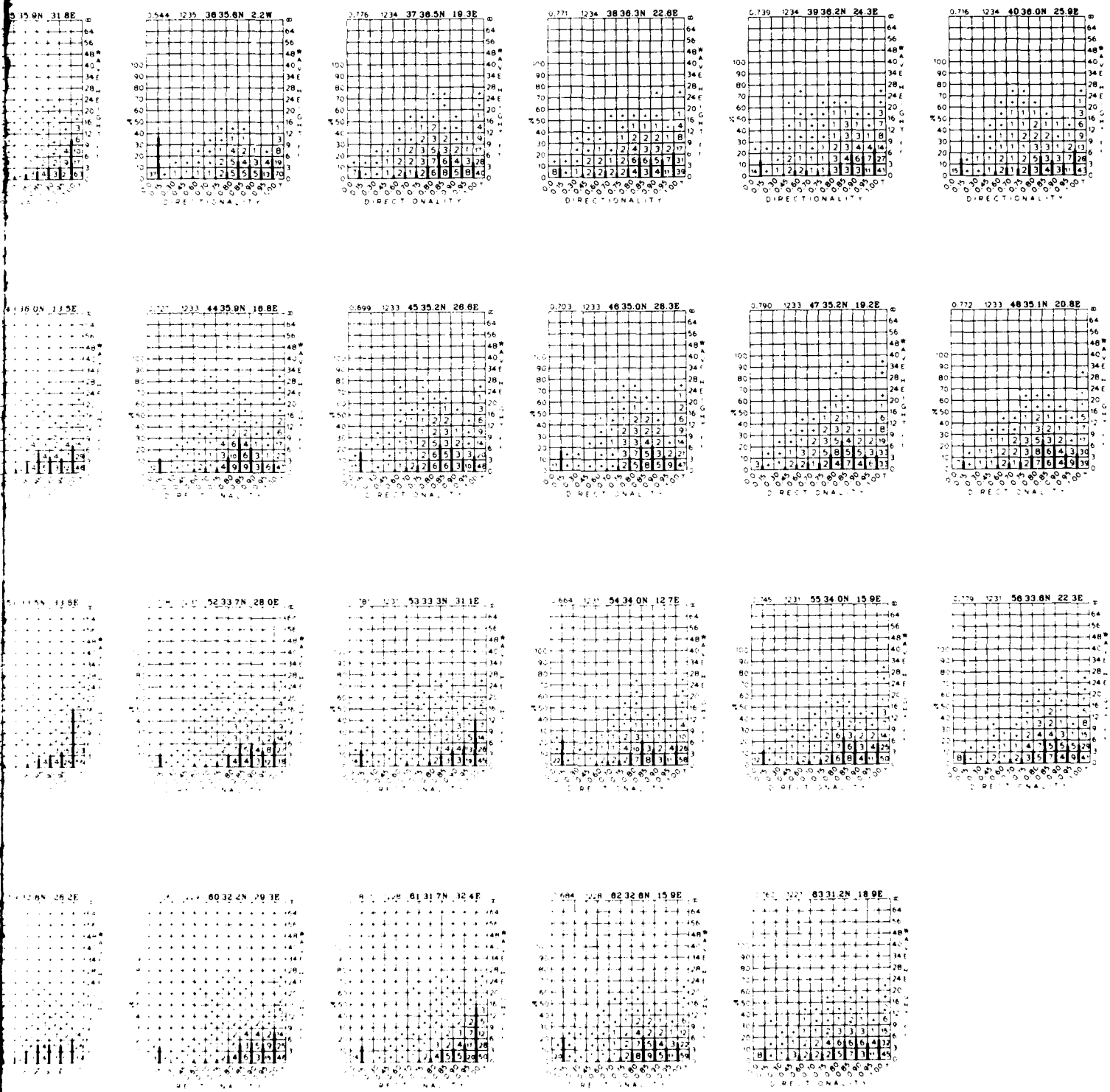








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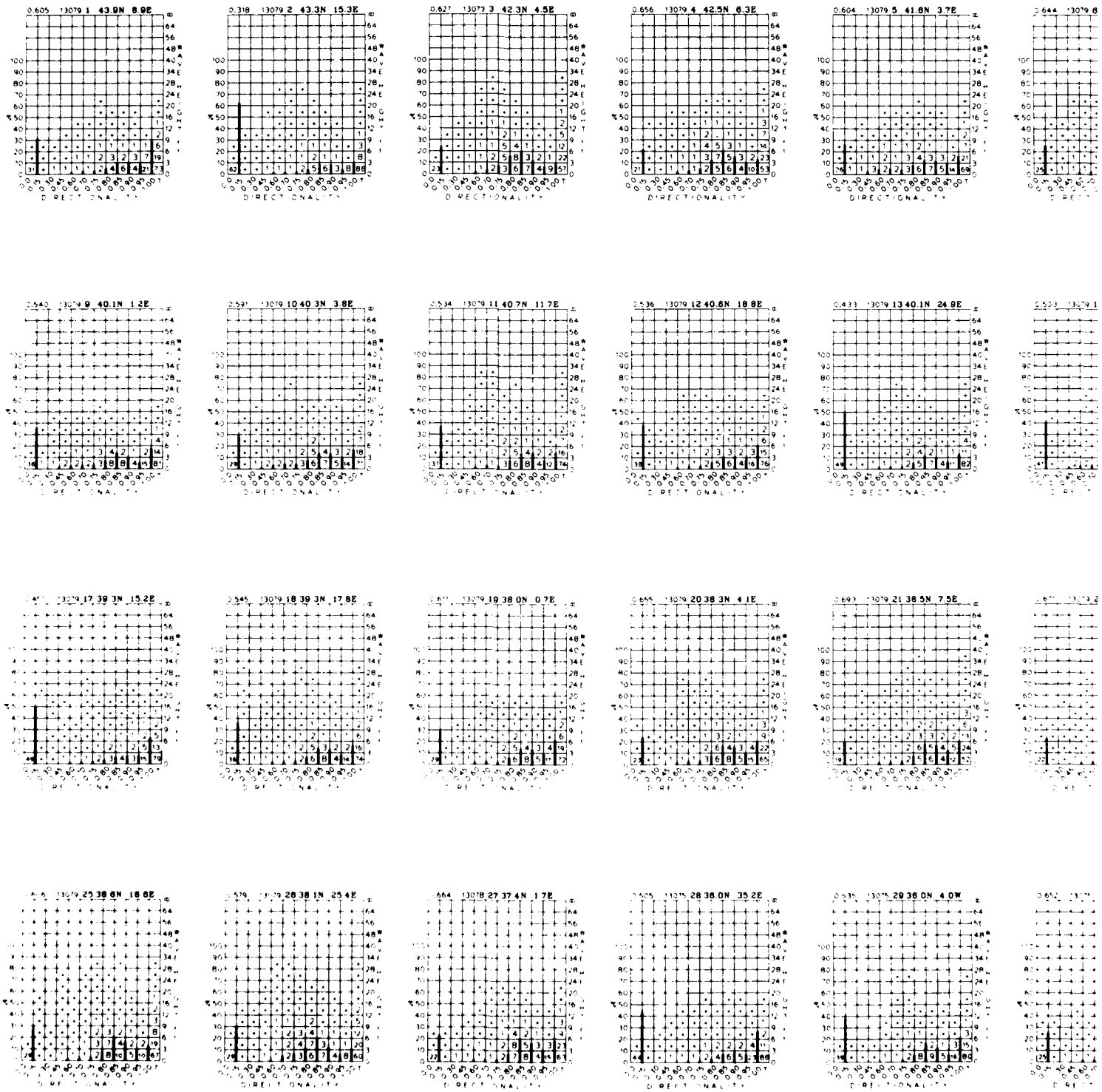
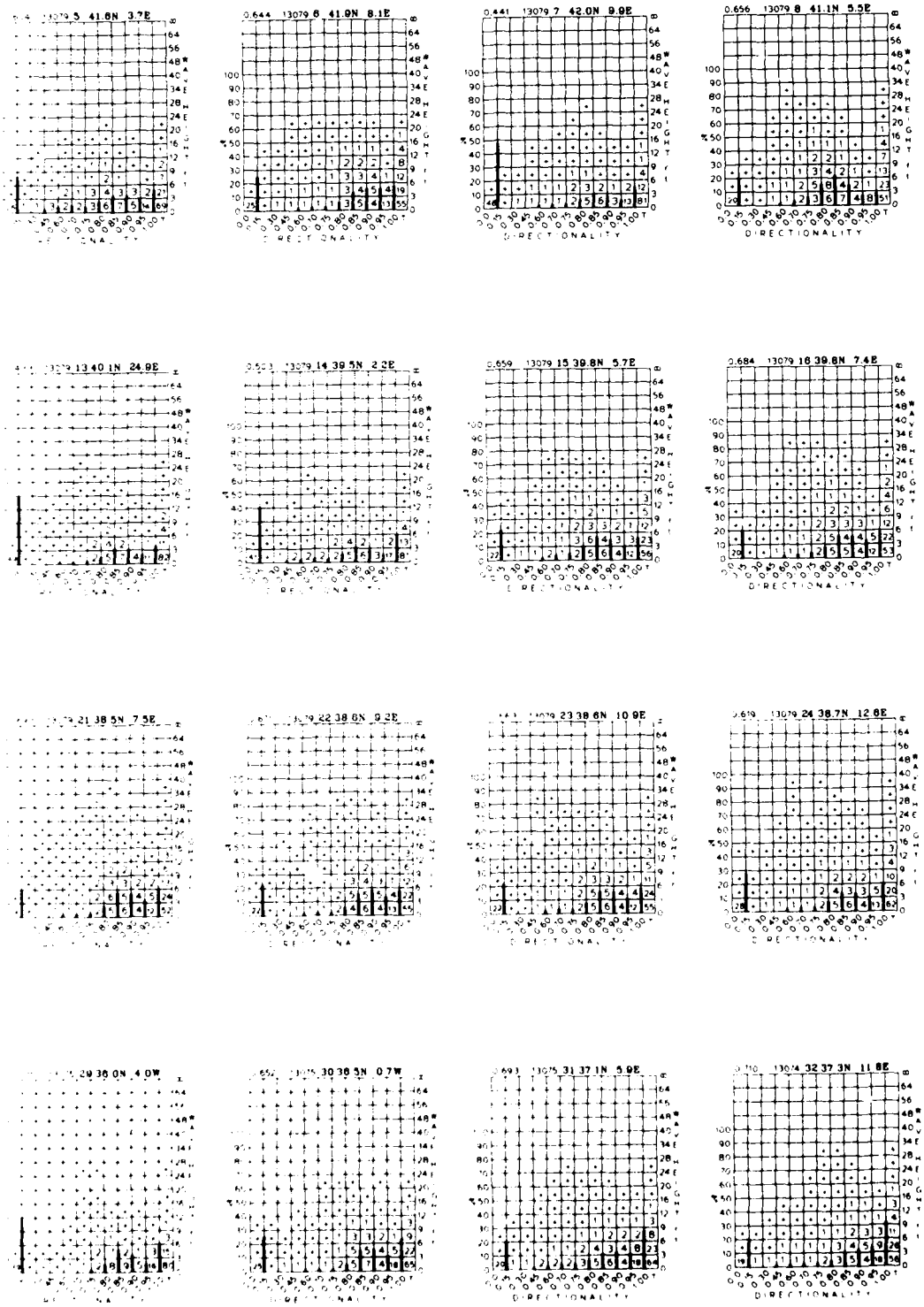
0.776 1234 37 36.5N 19.3E
0.771 1234 38 36.3N 22.6E
0.739 1234 39 36.2N 24.3E
0.716 1234 40 36.0N 25.9E
0.727 1233 44 35.9N 16.8E
0.699 1233 45 35.2N 26.6E
0.703 1233 46 35.0N 28.3E
0.790 1233 47 35.2N 19.2E
0.772 1233 48 35.1N 20.8E
52 33.7N 28.0E
53 33.3N 31.1E
54 34.0N 12.7E
55 34.0N 15.9E
56 33.6N 22.3E
60 32.2N 29.3E
61 31.7N 32.4E
62 32.6N 15.9E
63 31.2N 18.9E
DIRECTIONALITY

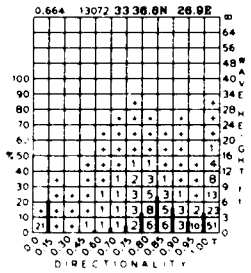
ANNUAL WAVE HEIGHT

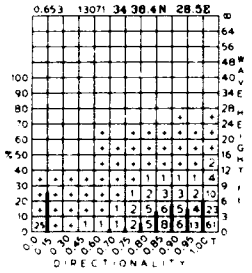


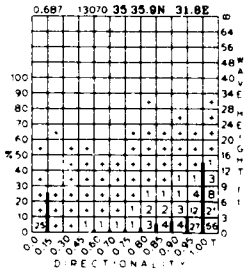
WAVE HEIGHT AND DIRECTIONALITY

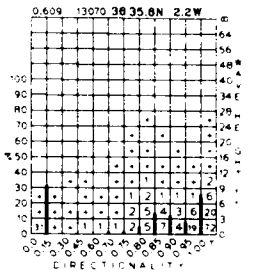


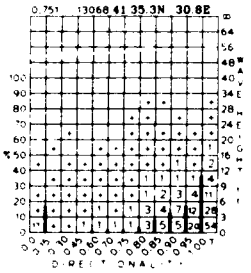
WAVE HEIGHT AND DIRECTIONALITY (Cont'd)

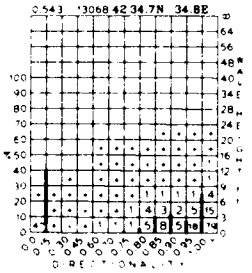


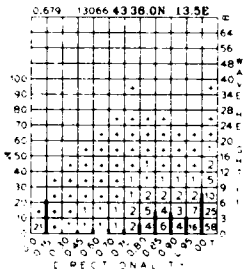


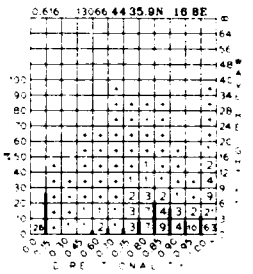


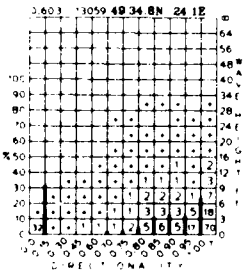


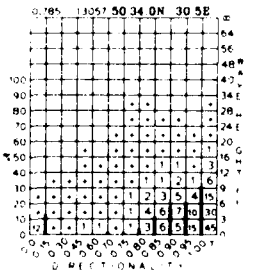


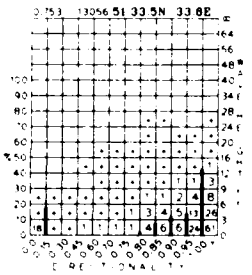


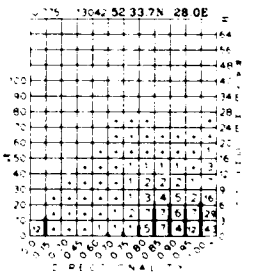


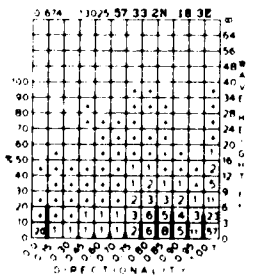


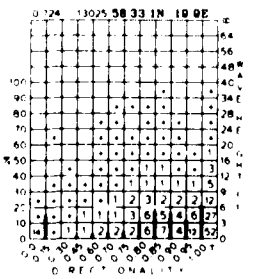


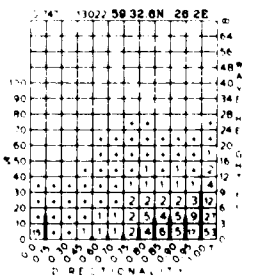


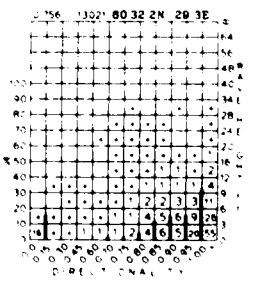




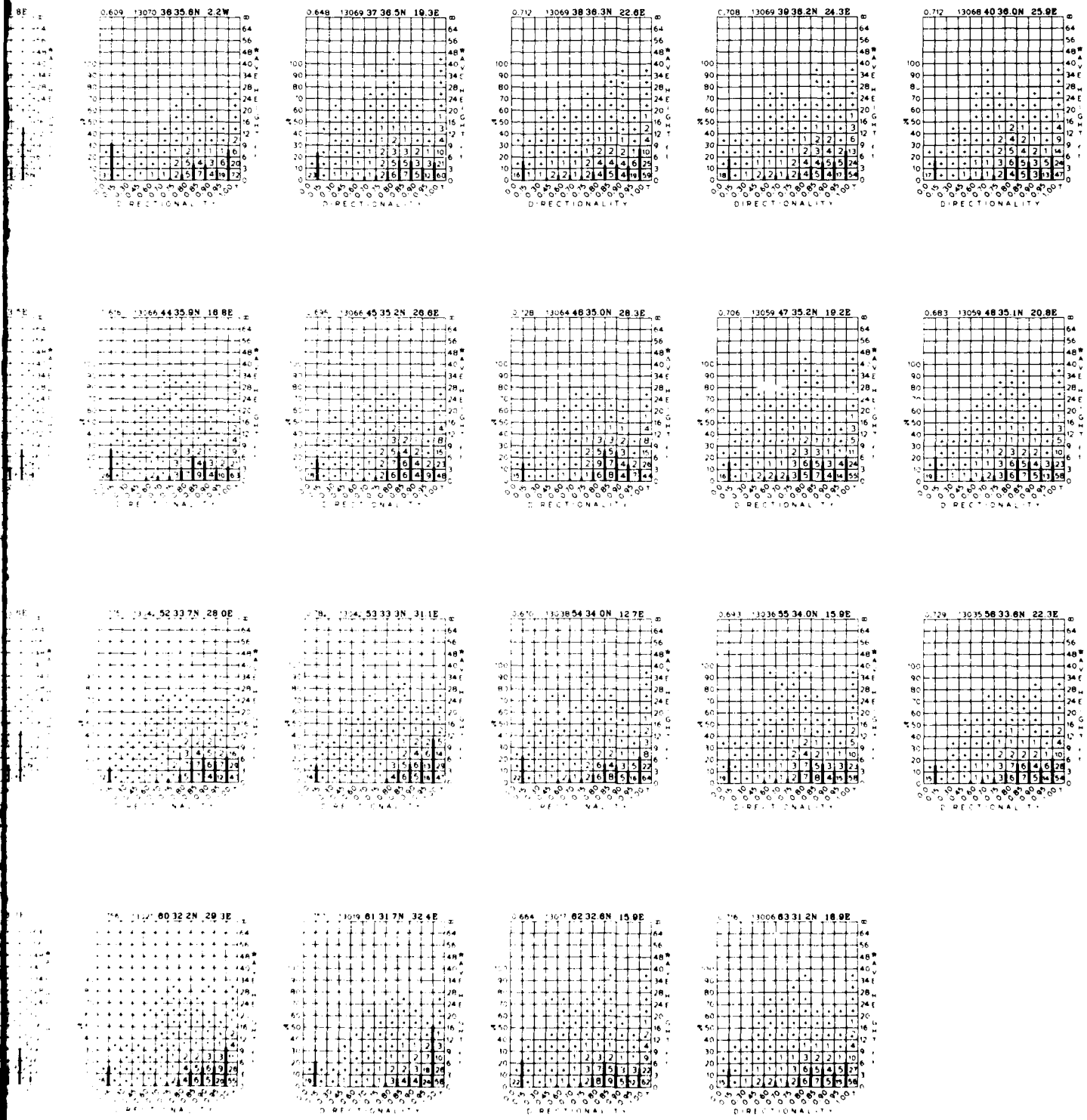






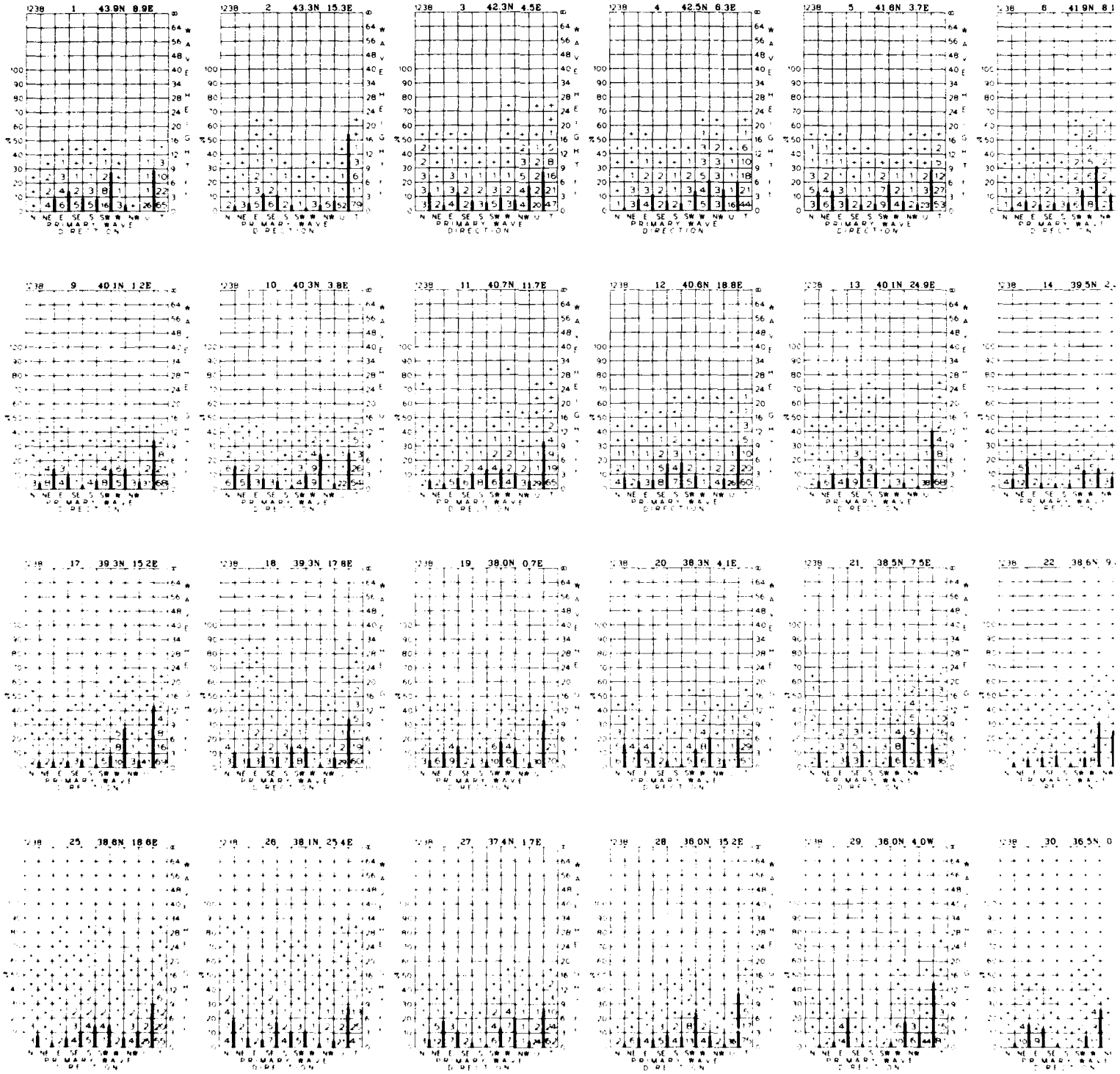


NALITY (Cont'd) ANNUAL

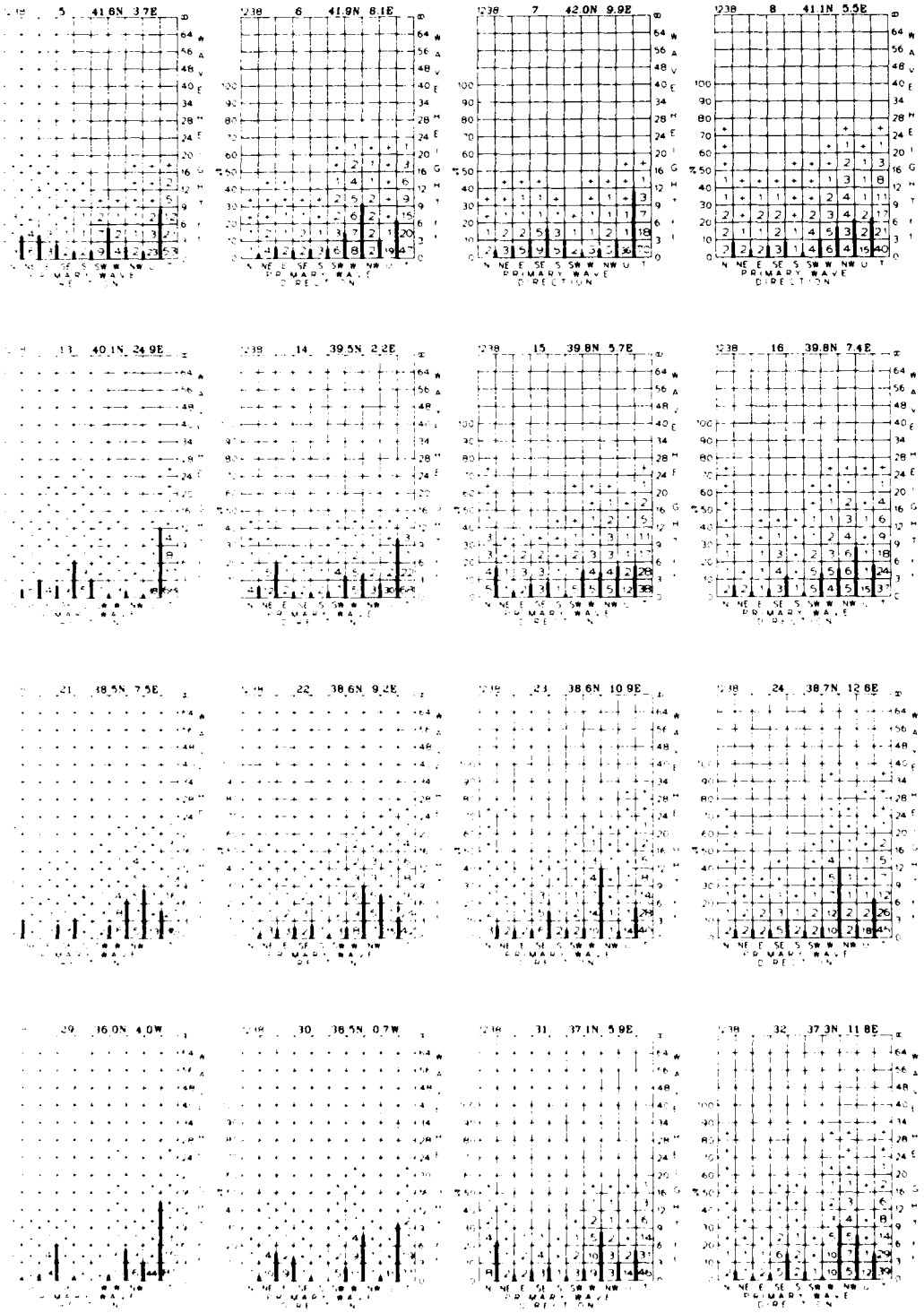


JANUARY

WAVE HEIGHT AND PRIMA

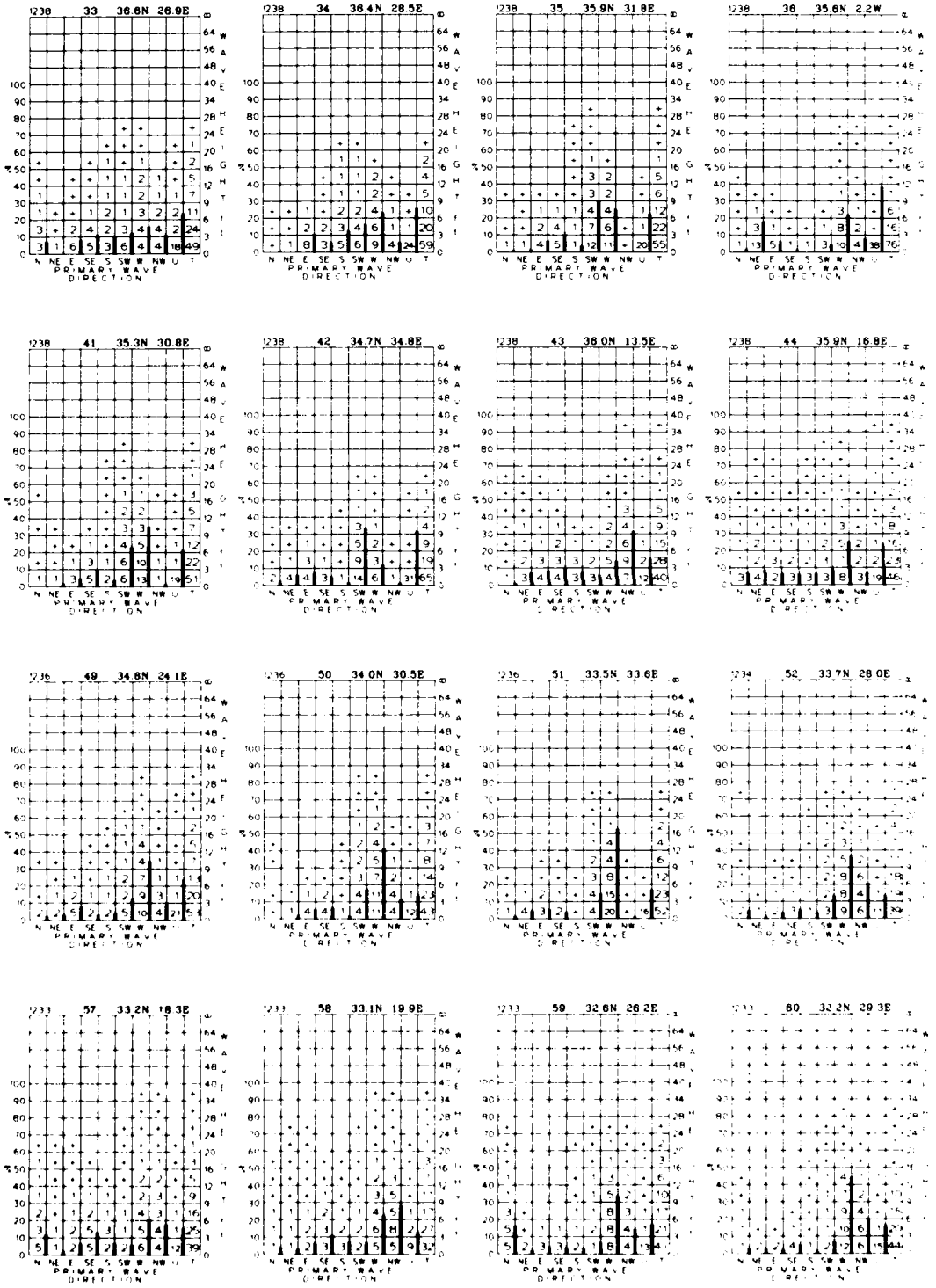


HEIGHT AND PRIMARY WAVE DIRECTION



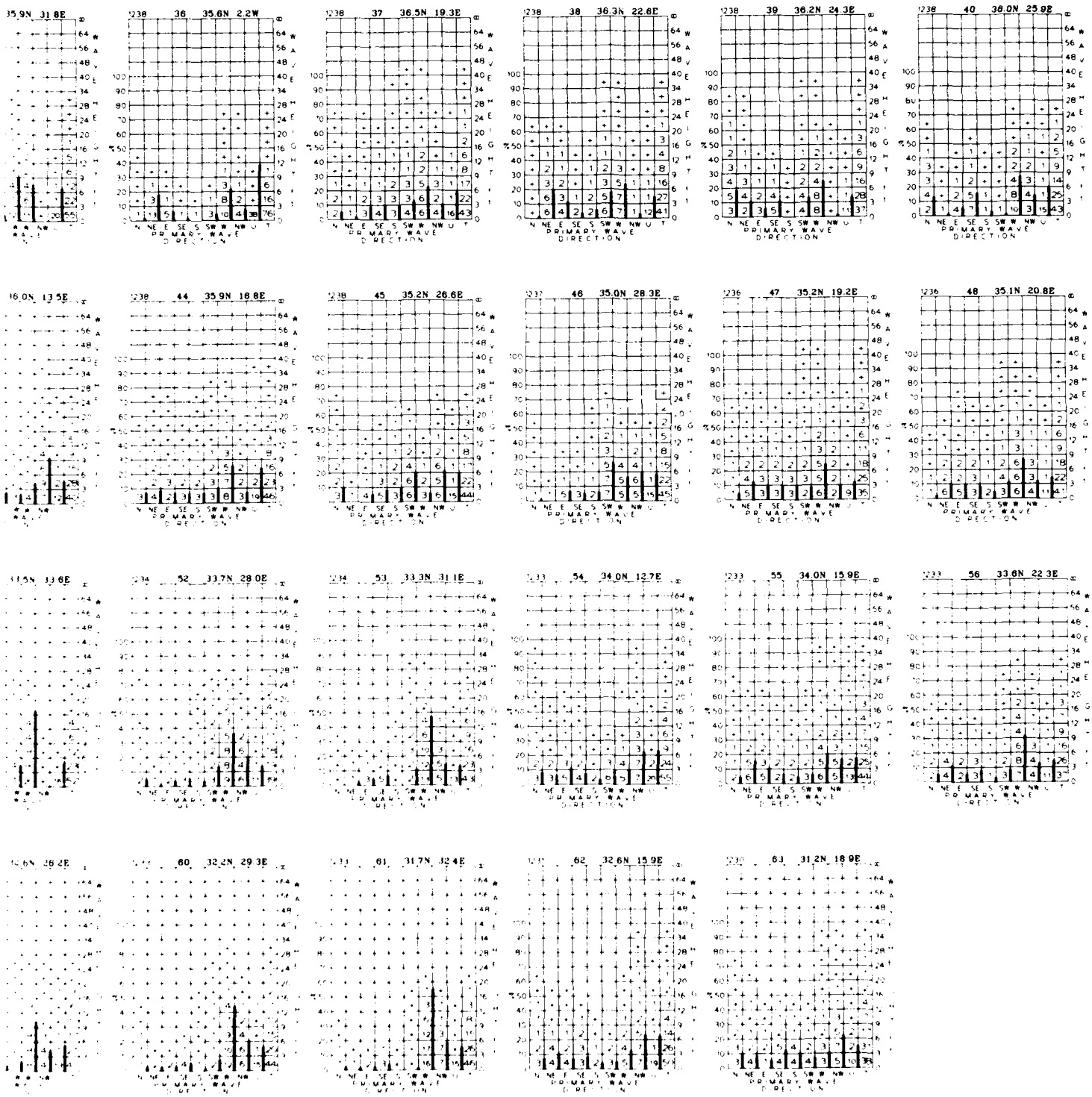
170 B

WAVE HEIGHT AND PRIMARY WAVE DIREC



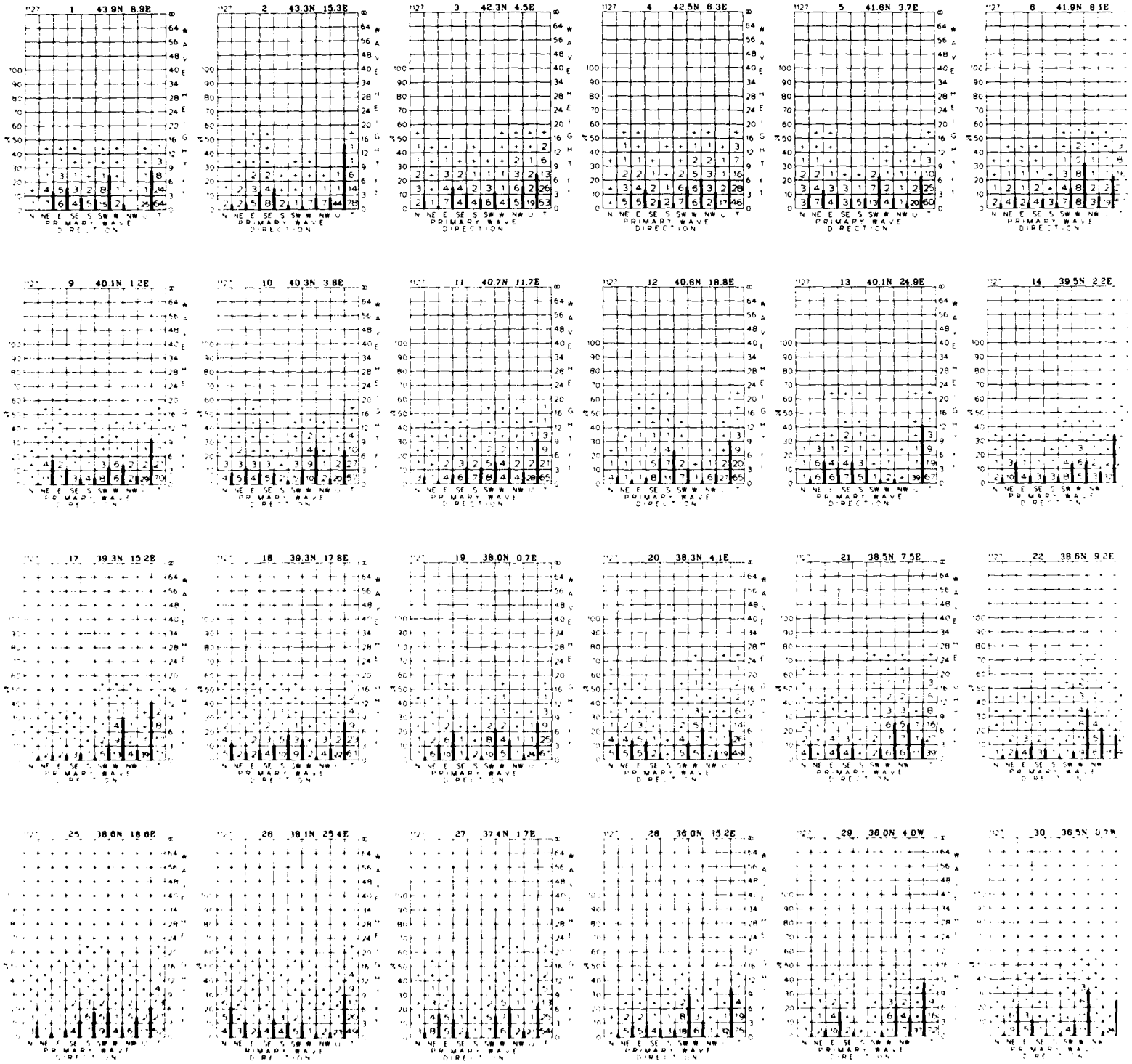
171A

ARY WAVE DIRECTION (Cont'd) JANUARY

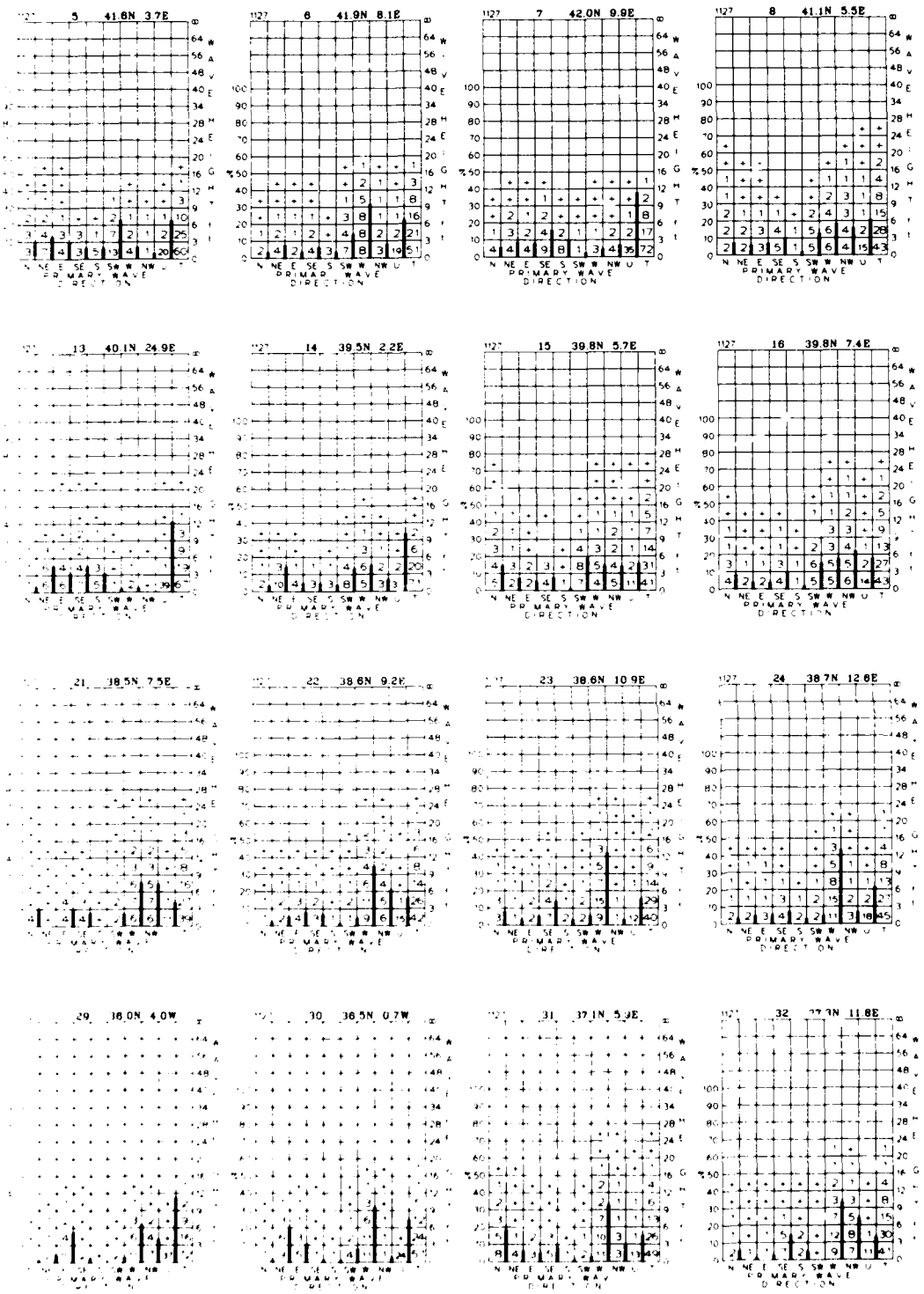


FEBRUARY

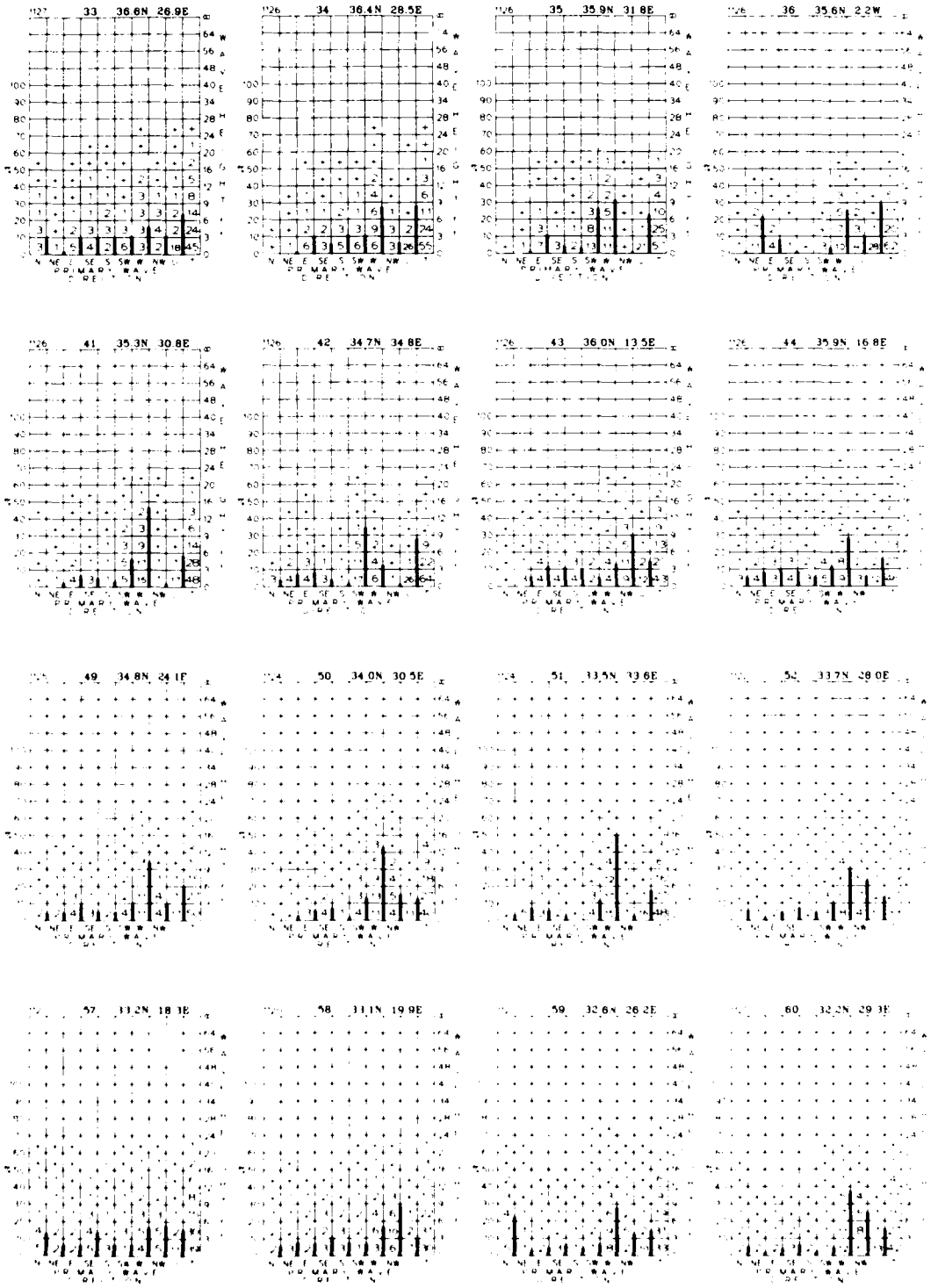
WAVE HEIGHT AND PRIMAR

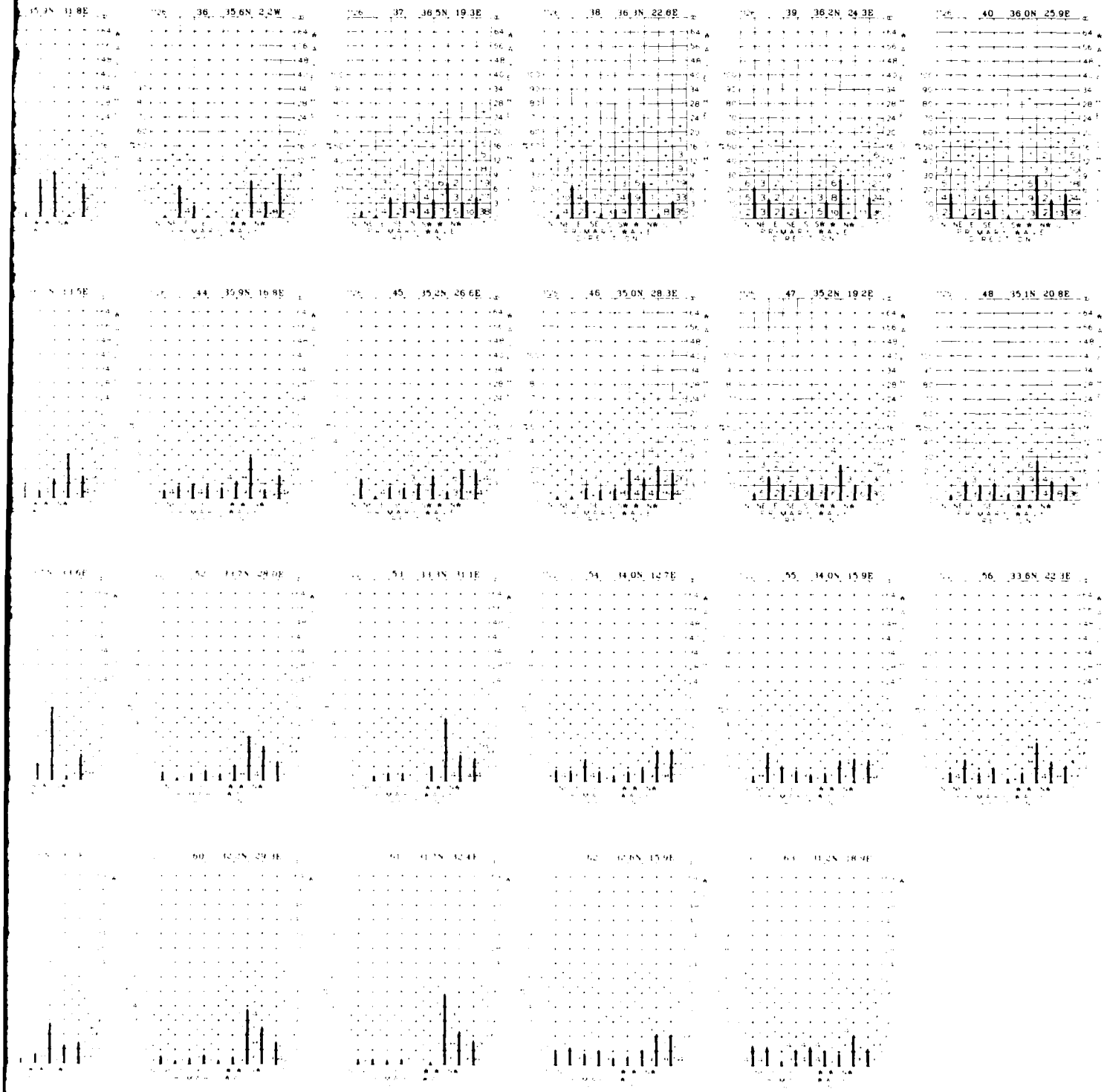


HEIGHT AND PRIMARY WAVE DIRECTION



WAVE HEIGHT AND PRIMARY WAVE DIRECTIO




36. 35.6N 2.2W
37. 36.5N 19.3E
38. 36.3N 22.6E
39. 36.2N 24.3E
40. 36.0N 25.9E
44. 35.9N 16.8E
45. 35.2N 26.6E
46. 35.0N 28.3E
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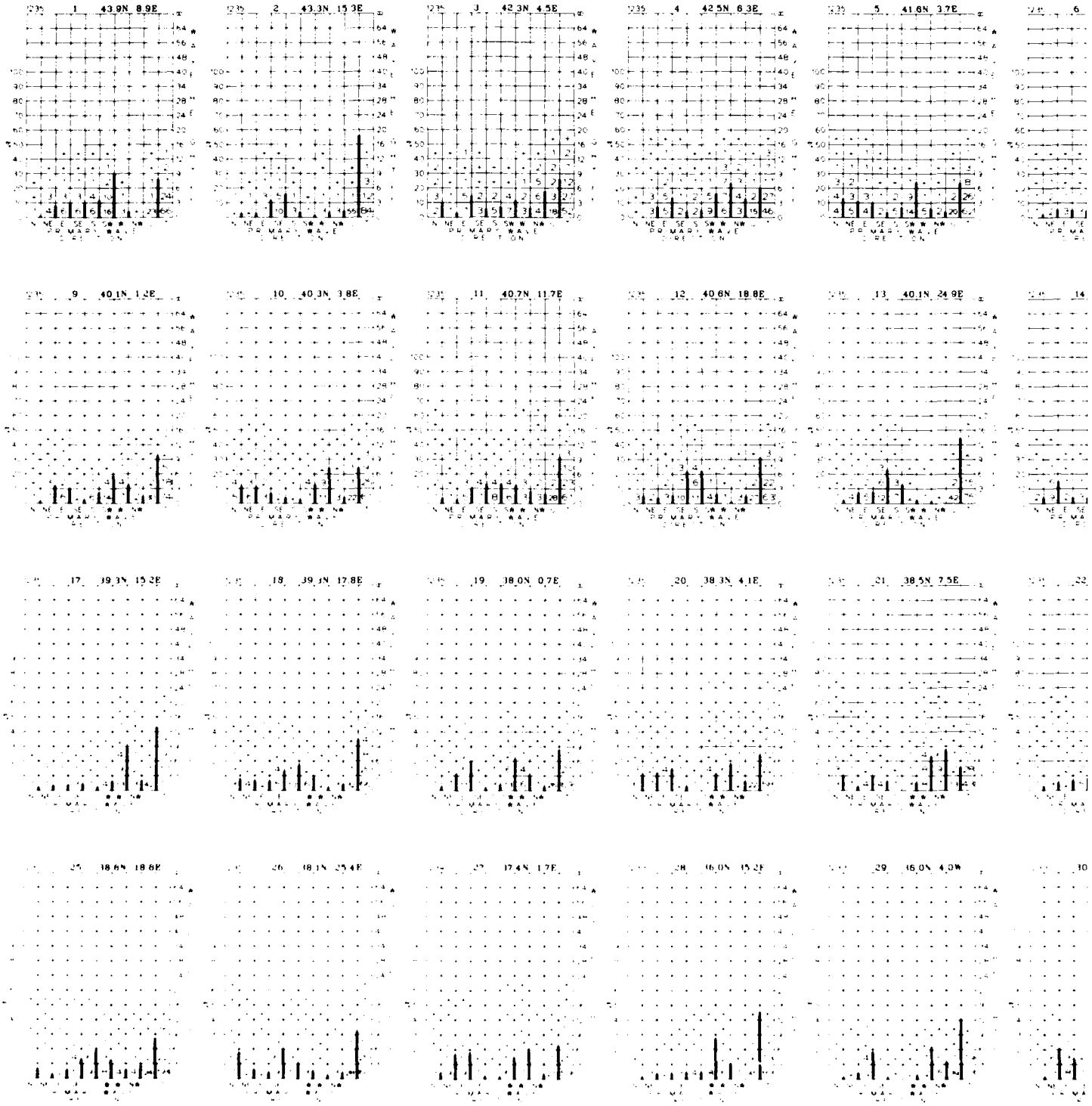
48. 35.1N 20.8E
54. 34.0N 12.7E
55. 34.0N 15.9E
56. 33.6N 22.3E


1 43.9N 8.9E
2 43.3N 15.3E
3 42.3N 4.5E
4 42.5N 6.3E
5 41.6N 3.7E
6
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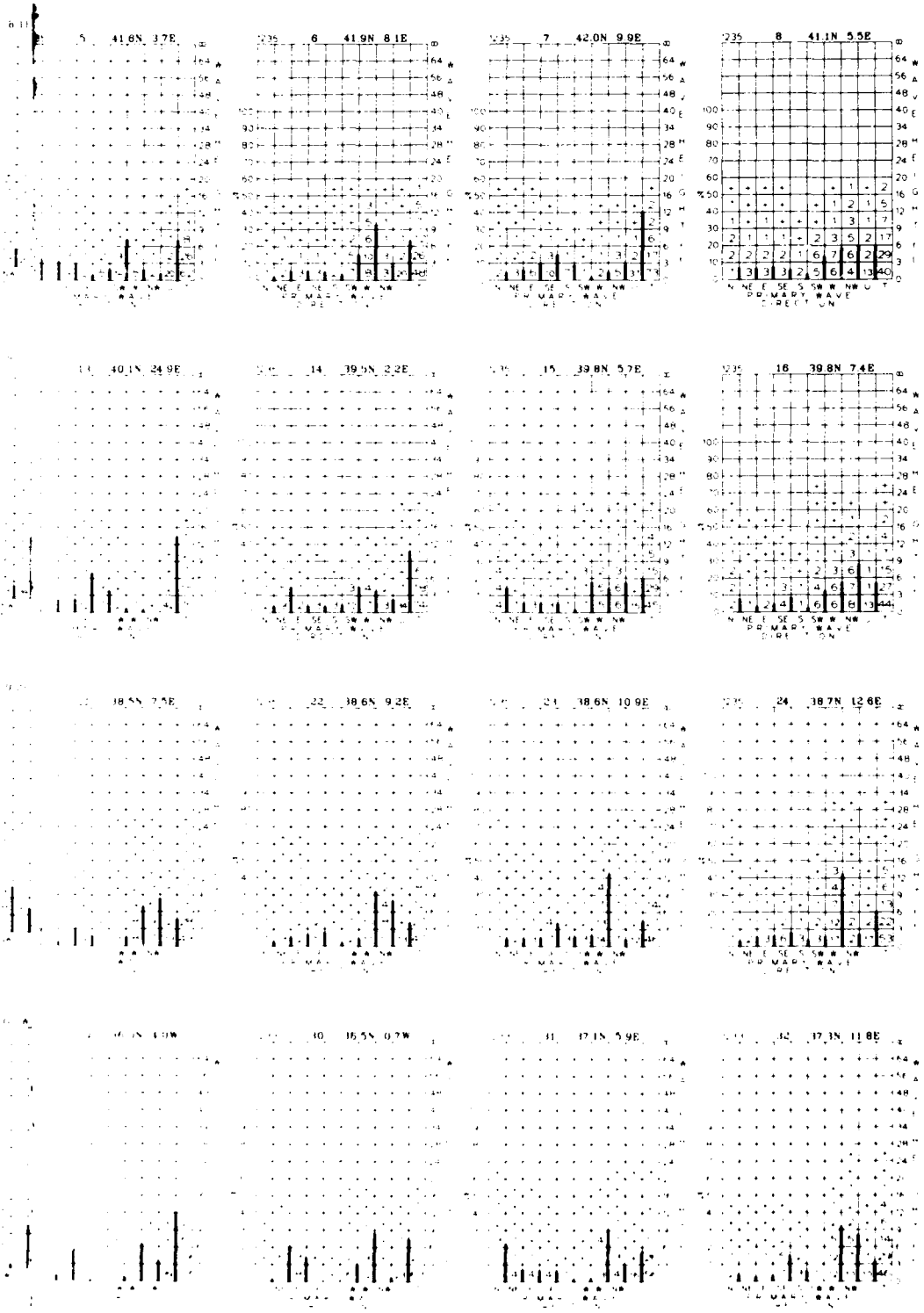
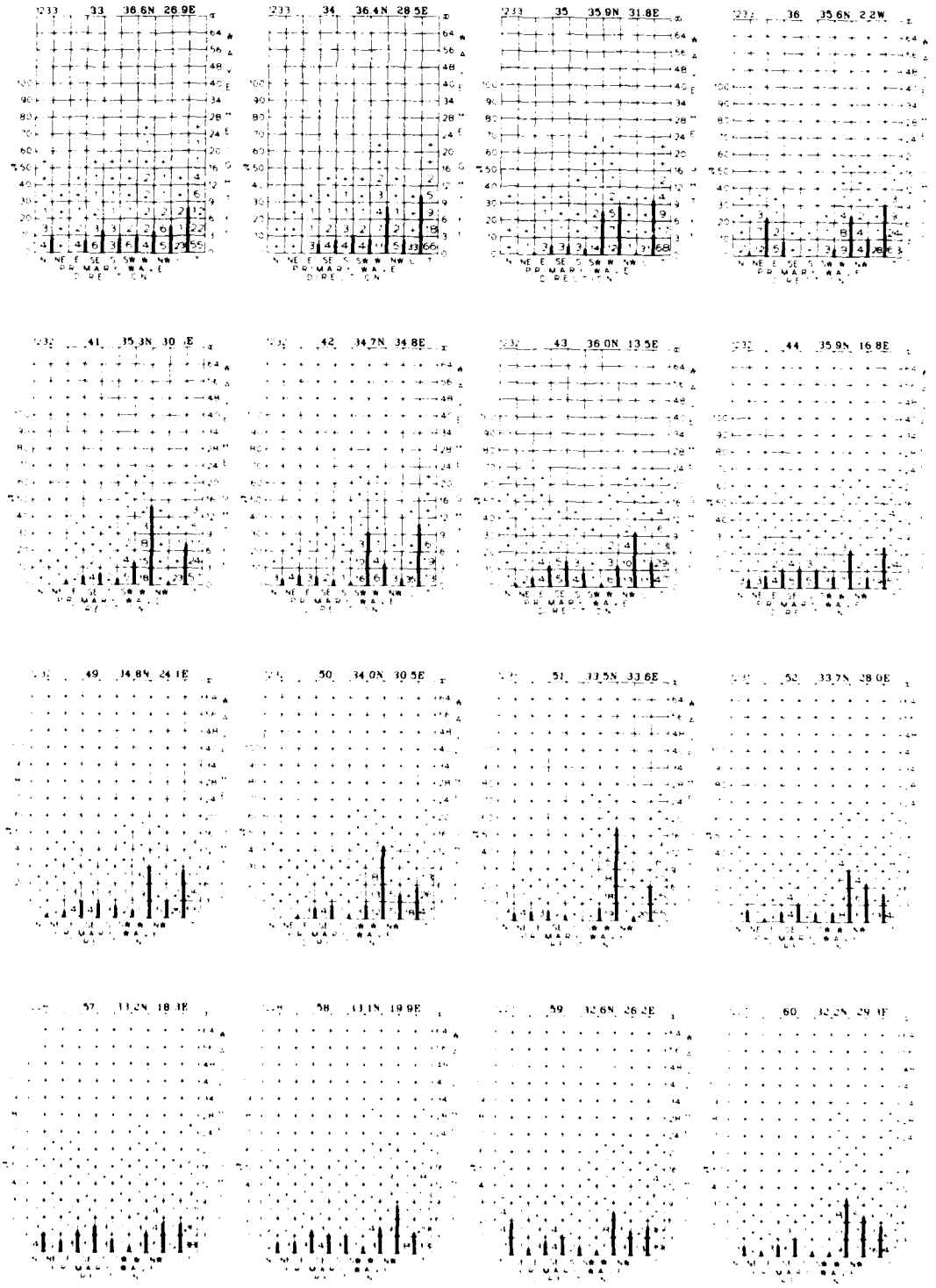
10 40.3N 3.8E
11 40.7N 11.7E
12 40.6N 18.8E
13 40.1N 24.9E
14
17 39.3N 15.2E
18 39.1N 17.8E
19 38.0N 0.7E
20 38.3N 4.1E
21 38.5N 7.5E
22
25 38.6N 18.6E
26 38.1N 25.4E
27 37.4N 1.7E
28 36.0N 15.2E
29 36.0N 4.0W
30

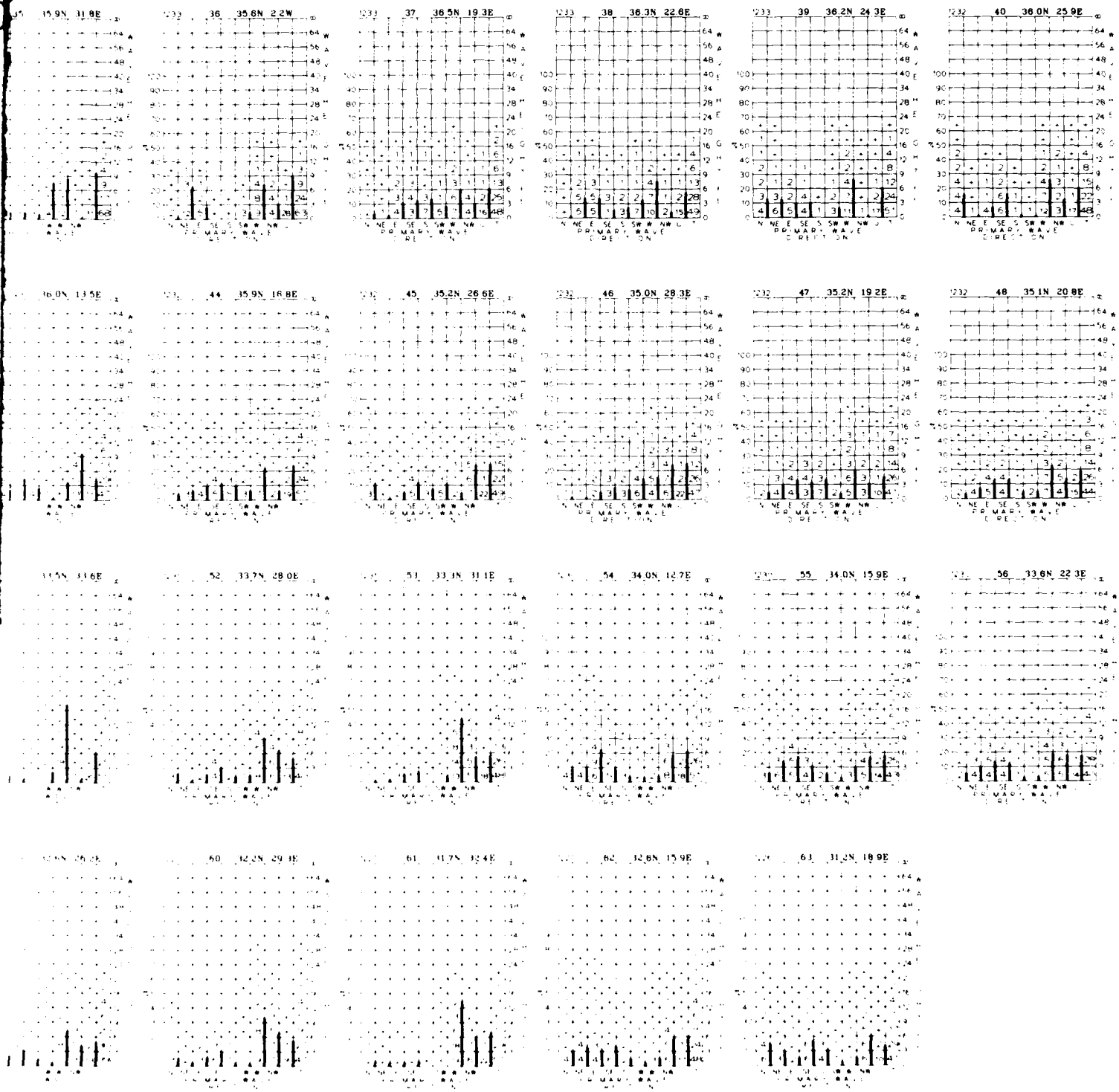
IAEIGHT AND PRIMARY WAVE DIRECTION



WAVE HEIGHT AND PRIMARY WAVE DIREC

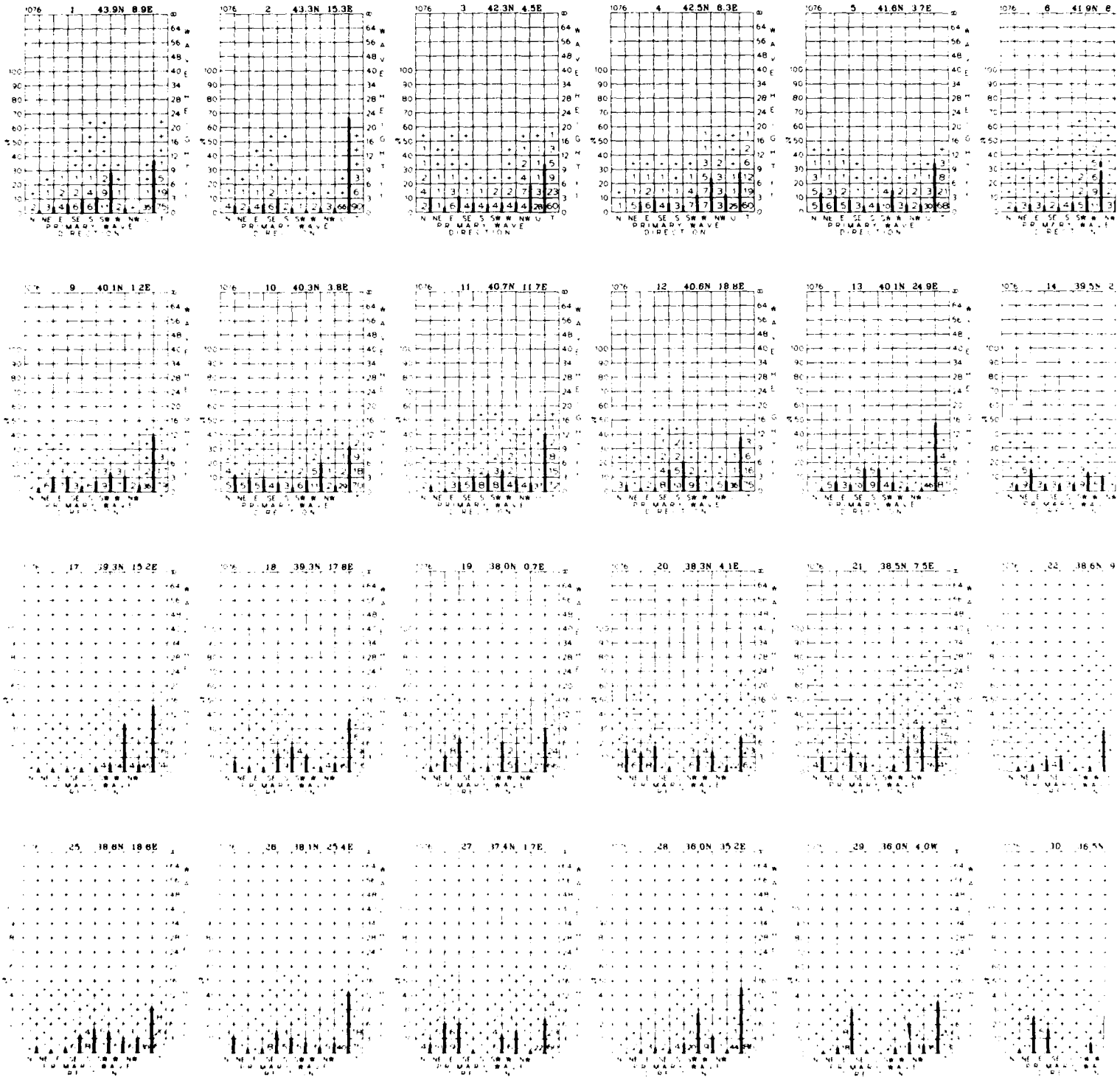


MARY WAVE DIRECTION (Cont'd) MARCH

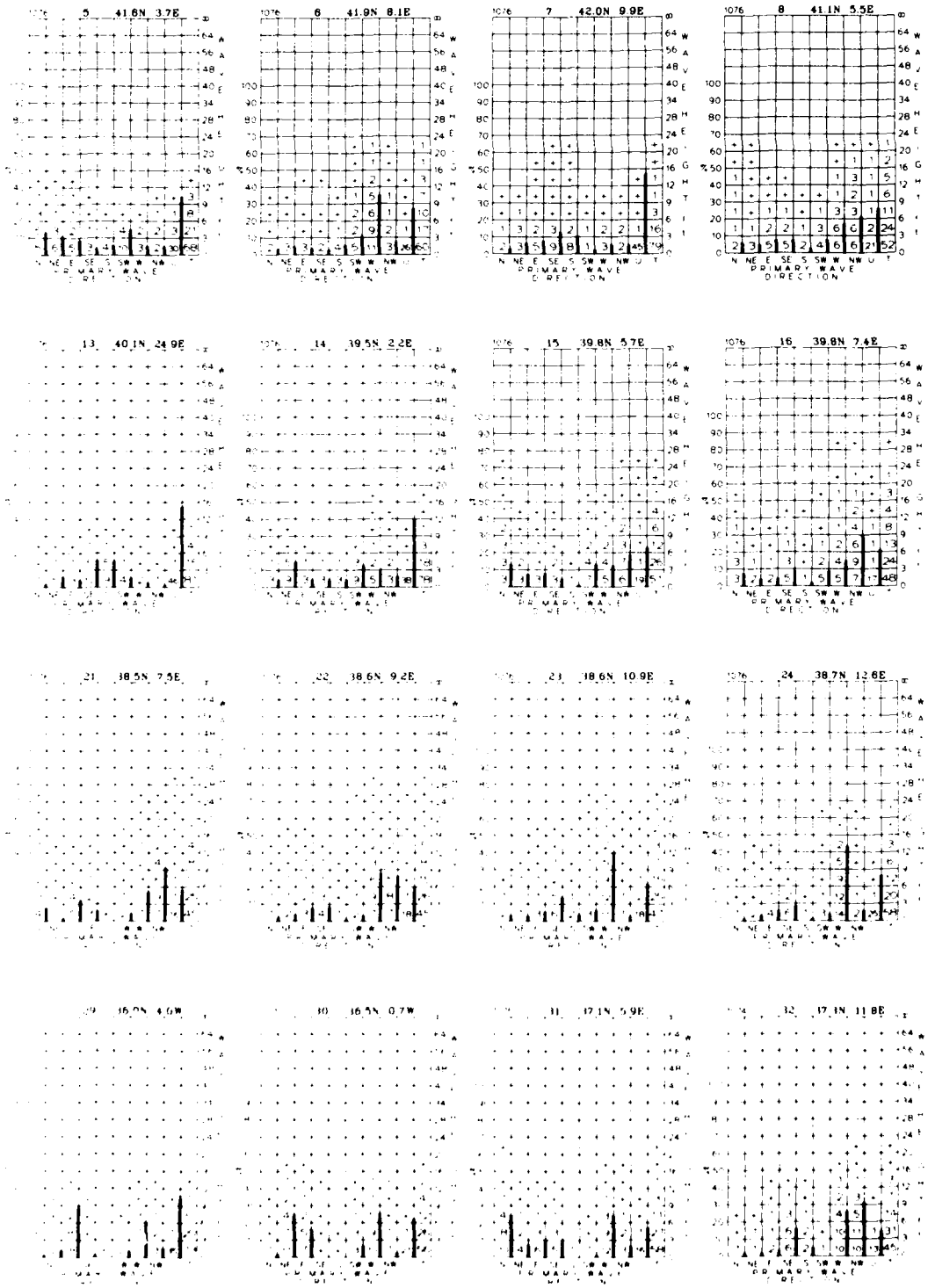


APRIL

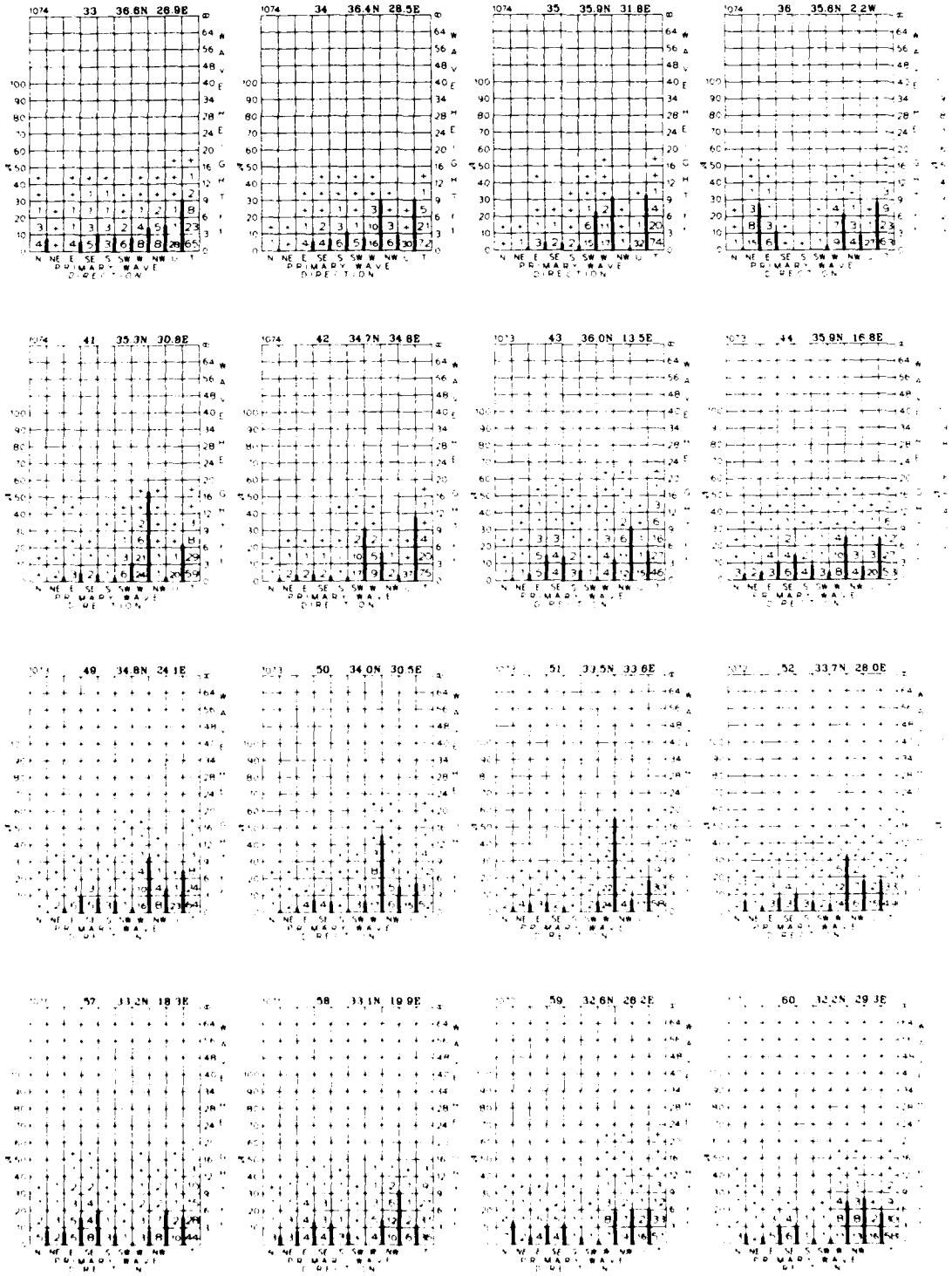
WAVE HEIGHT AND PRIM



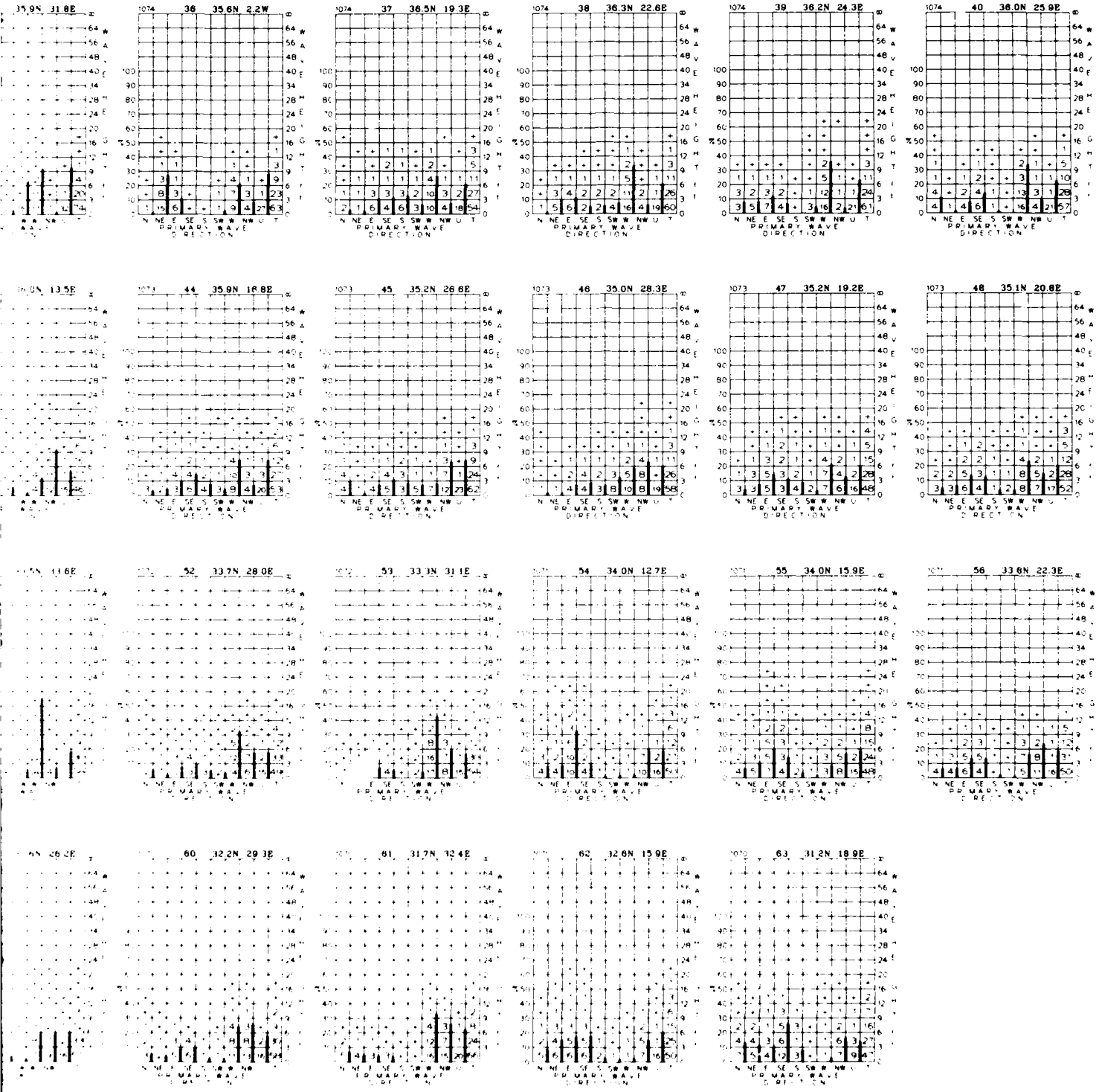
VE HEIGHT AND PRIMARY WAVE DIRECTION



WAVE HEIGHT AND PRIMARY WAVE DIRECT

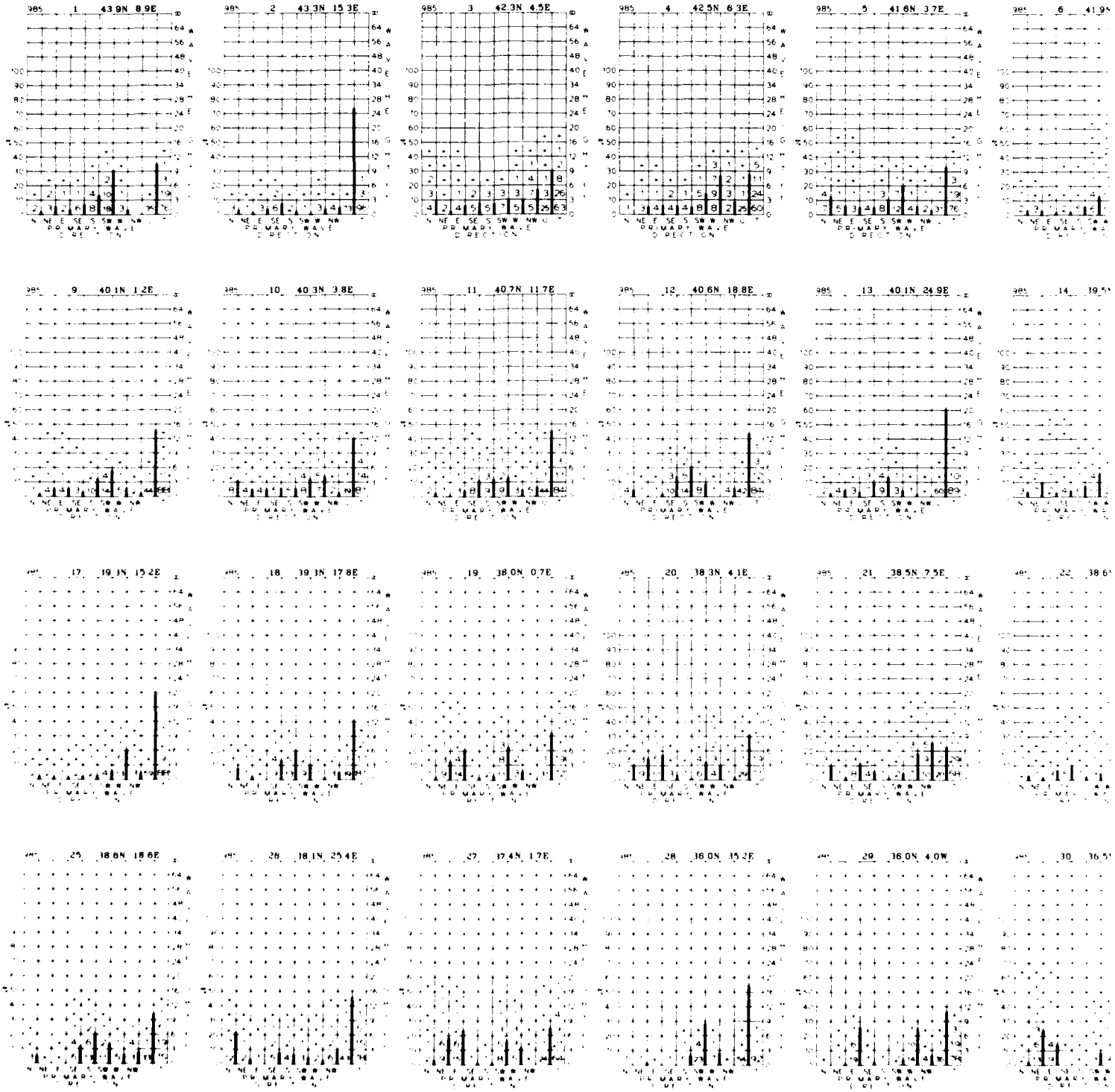


ARY WAVE DIRECTION (Cont'd) APRIL

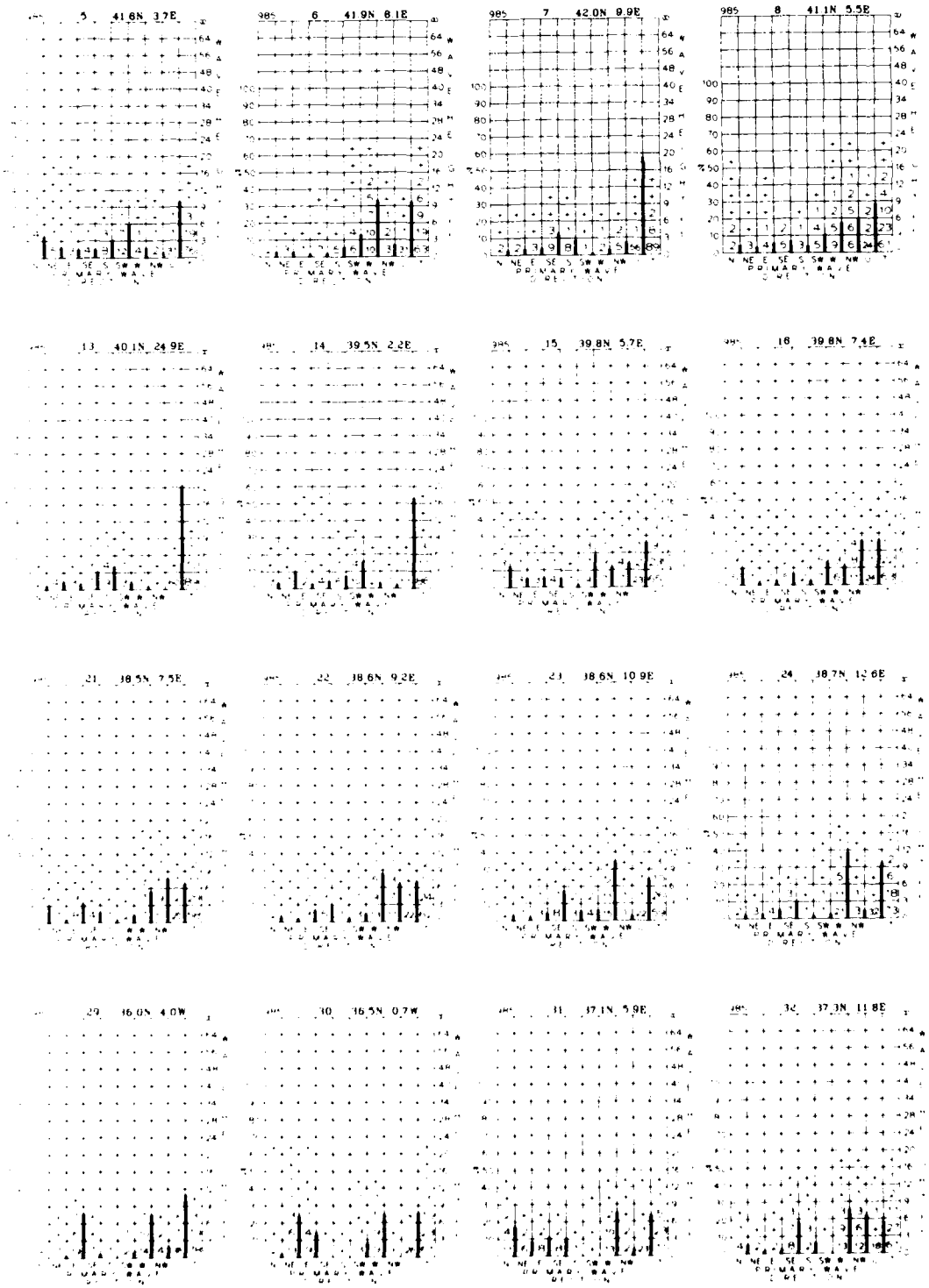


MAY

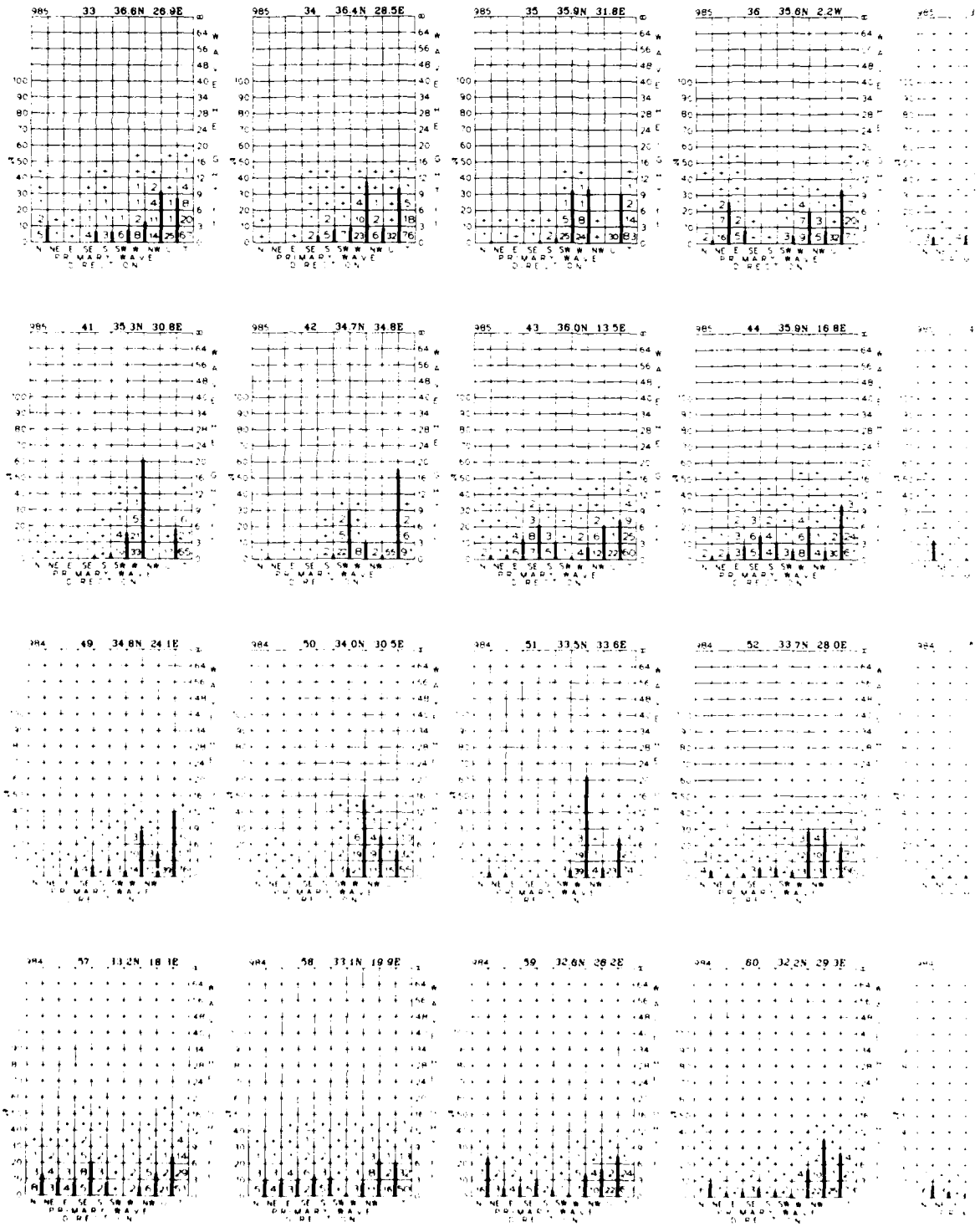
WAVE HEIGHT AND PRIM



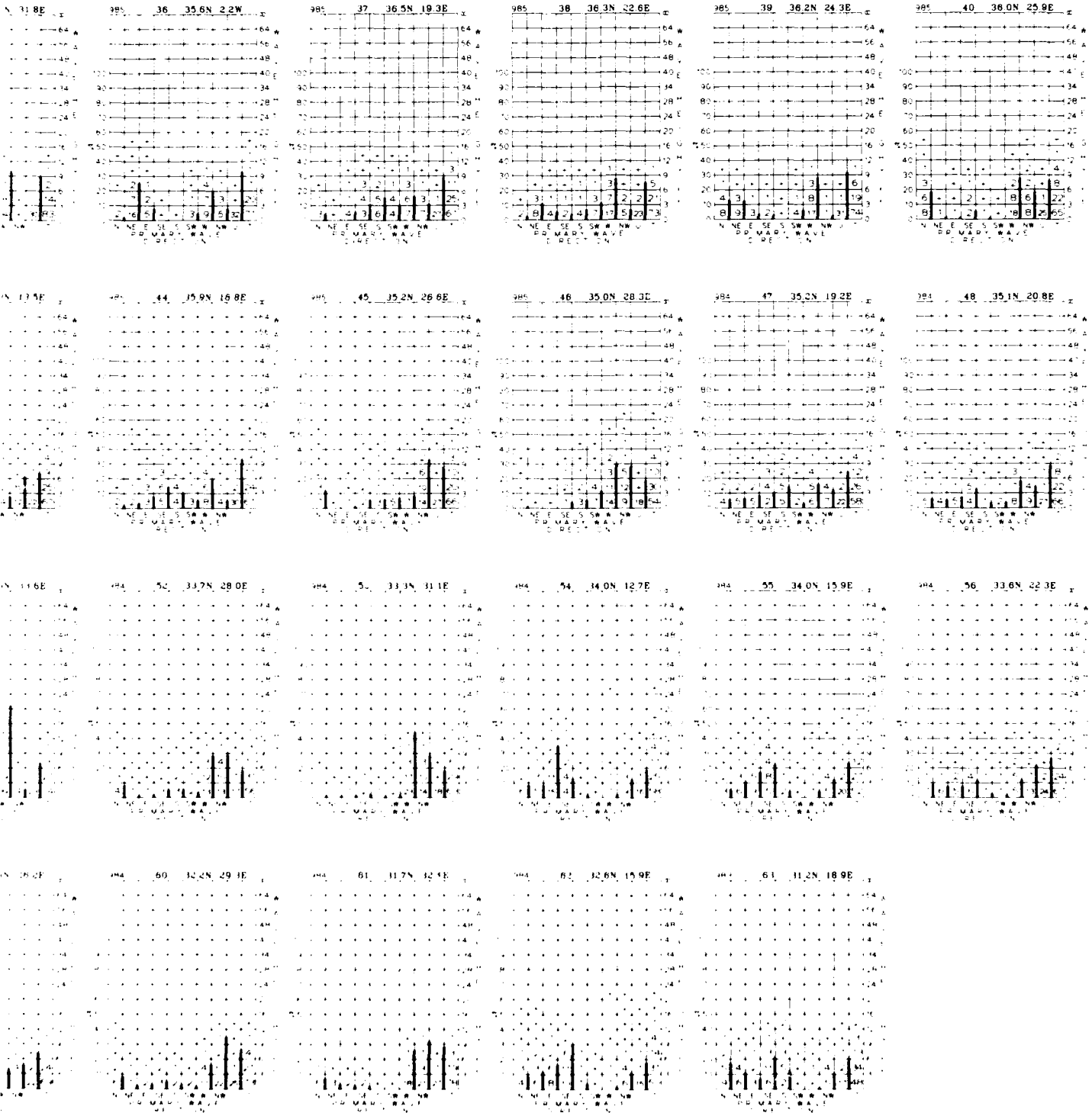
HEIGHT AND PRIMARY WAVE DIRECTION

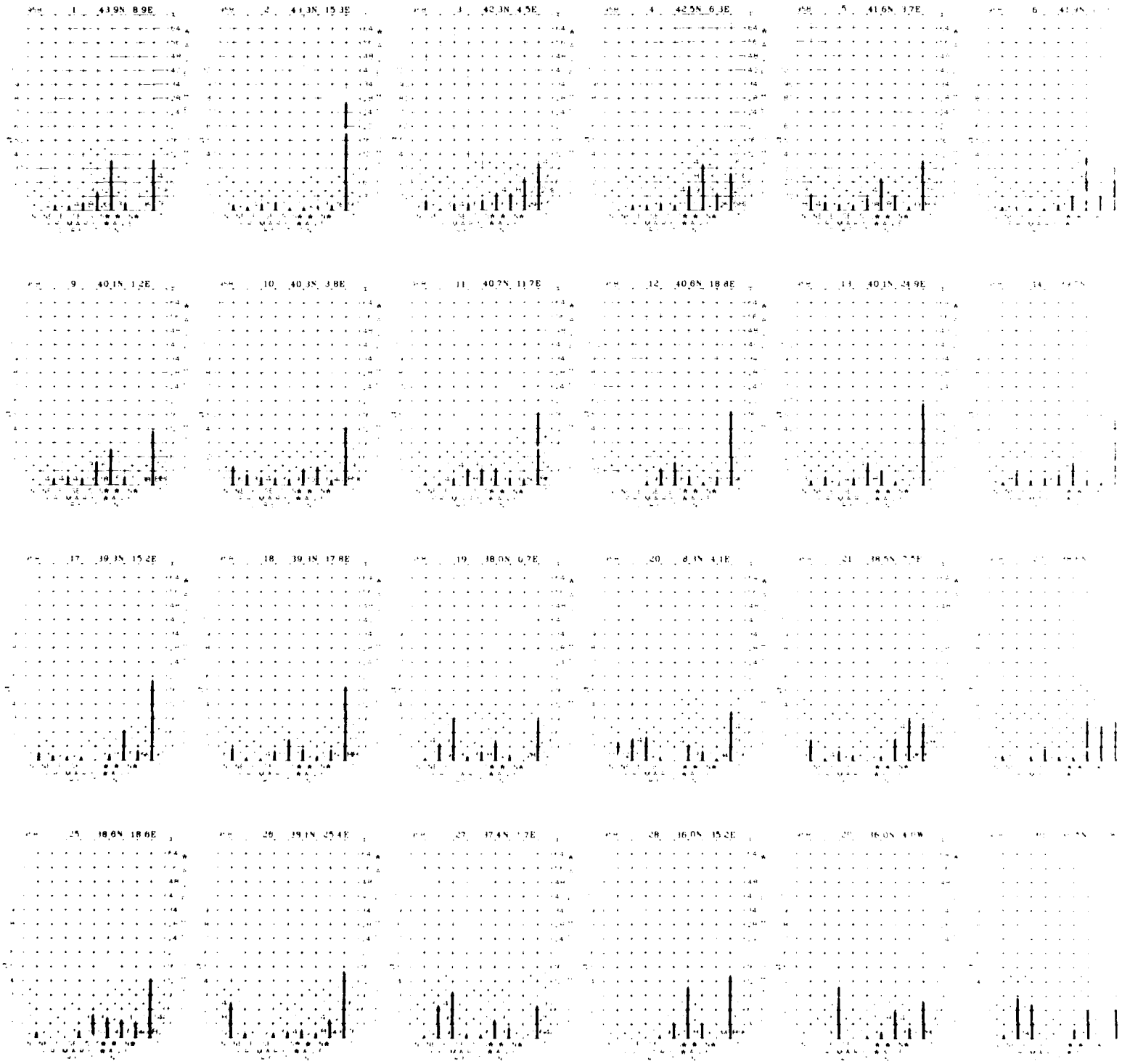


WAVE HEIGHT AND PRIMARY WAVE DIRECTION



RY WAVE DIRECTION (Cont'd) MAY




1 43.9N 8.9E
2 41.3N 15.3E
3 42.3N 4.5E
4 42.5N 6.3E
5 41.6N 1.7E
9 40.1N 1.2E
10 40.3N 3.8E
11 40.7N 11.7E
12 40.6N 18.4E
13 40.1N 24.9E
17 39.1N 15.2E
18 39.1N 17.8E
19 38.0N 0.7E
20 8.1N 4.1E
21 38.5N 7.5E
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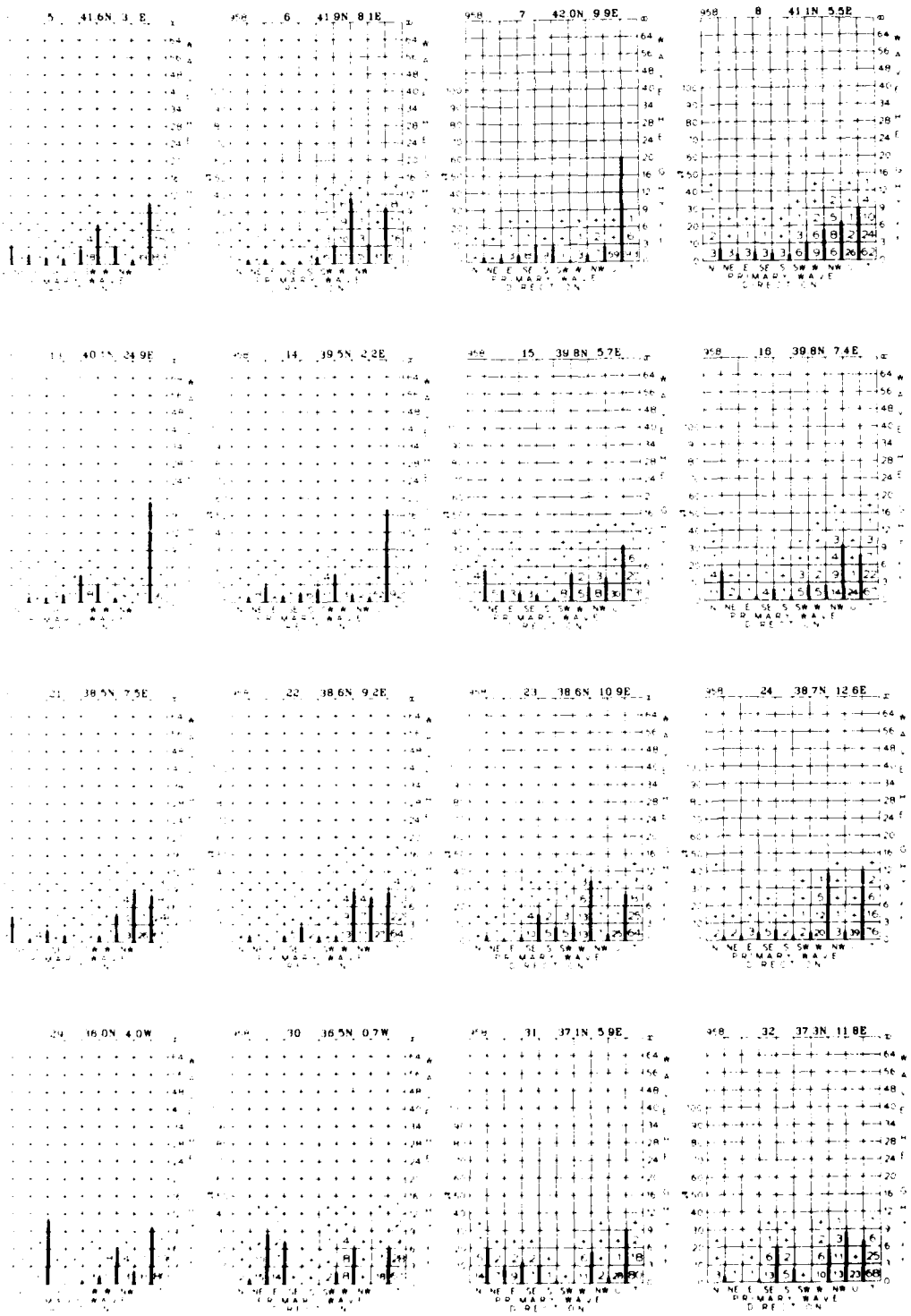
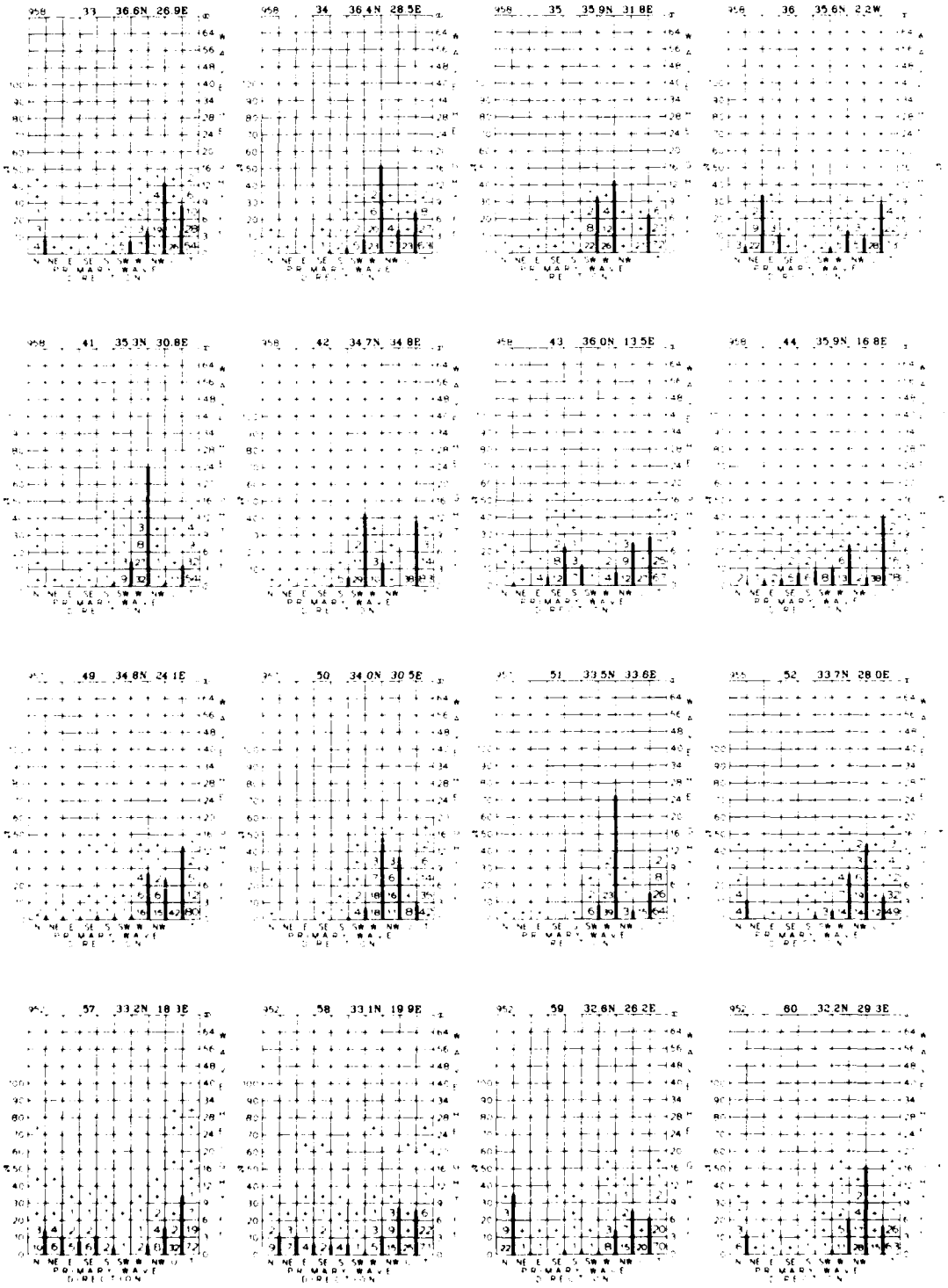
28 36.0N 15.2E

HEIGHT AND PRIMARY WAVE DIRECTION

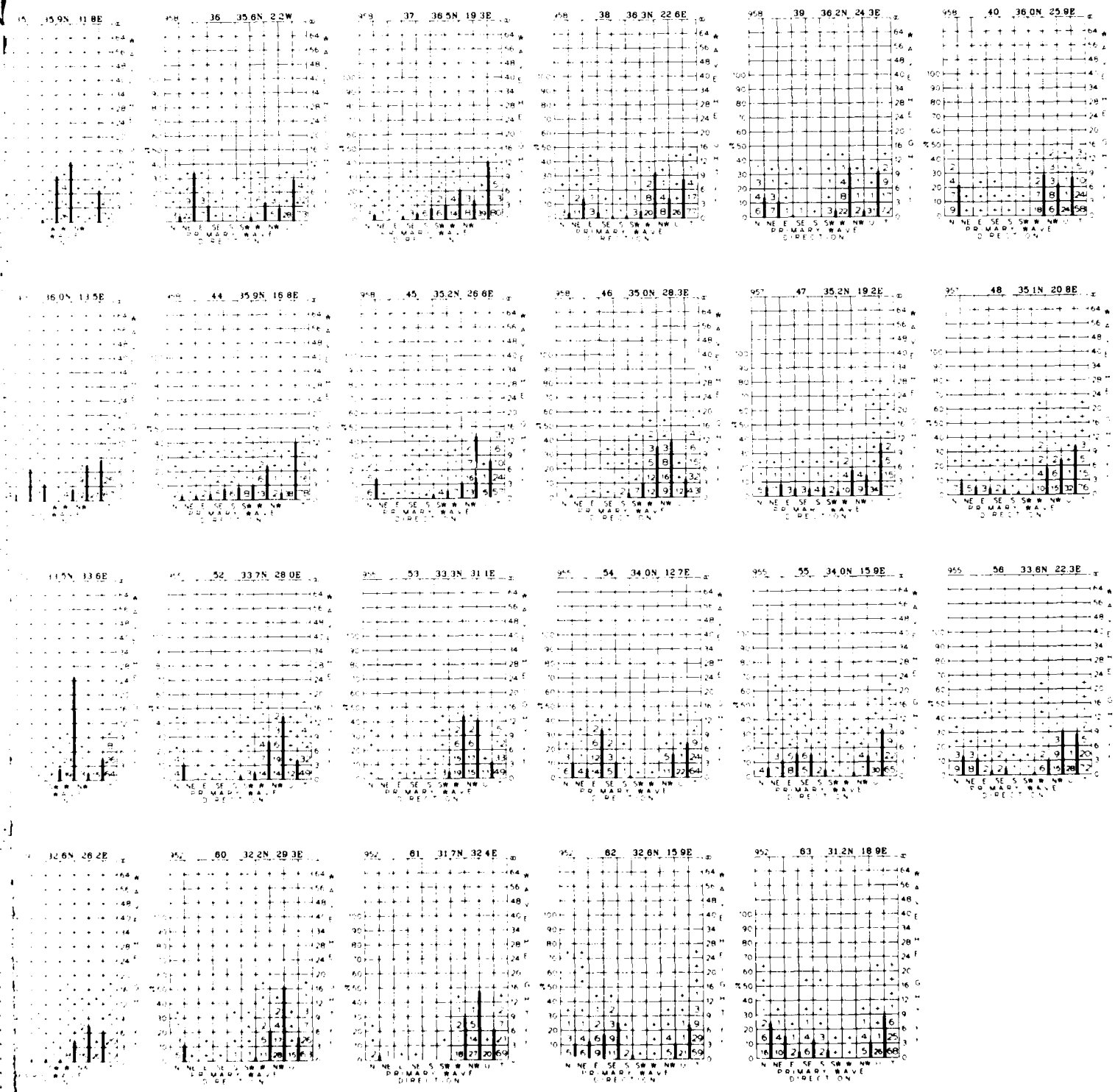


50B

WAVE HEIGHT AND PRIMARY WAVE DIREC

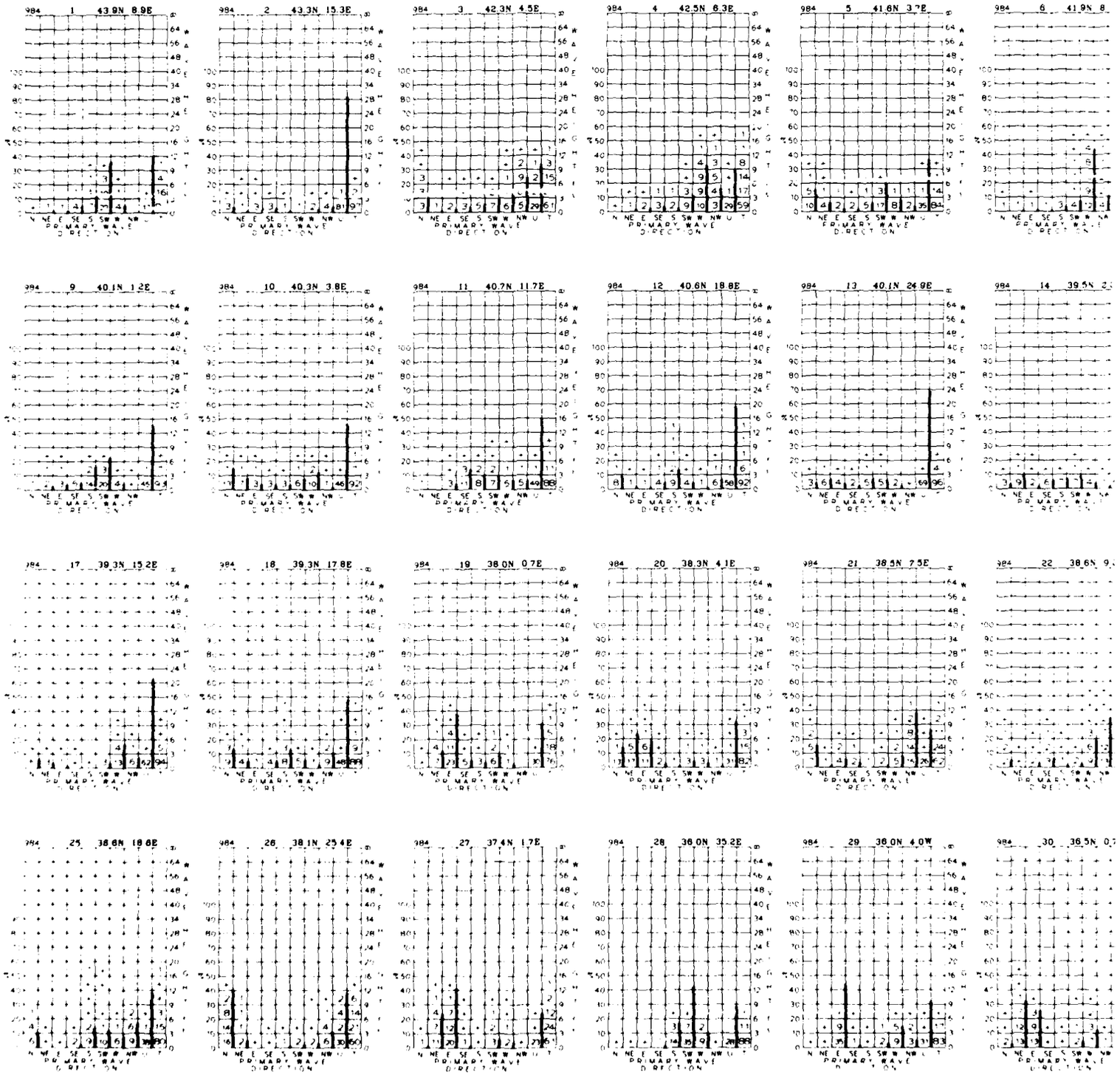


MARY WAVE DIRECTION (Cont'd) JUNE

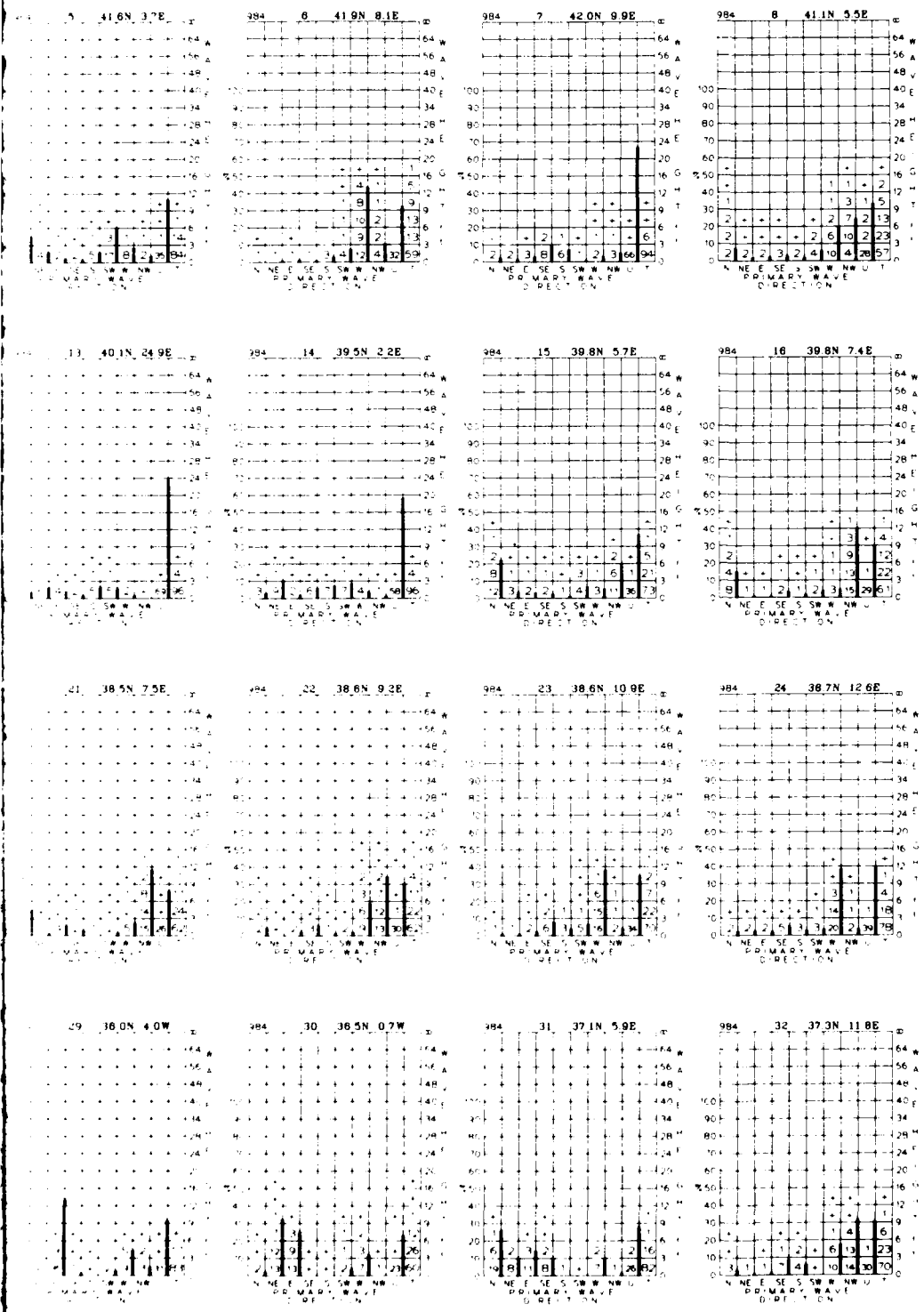


JULY

WAVE HEIGHT AND PRIM

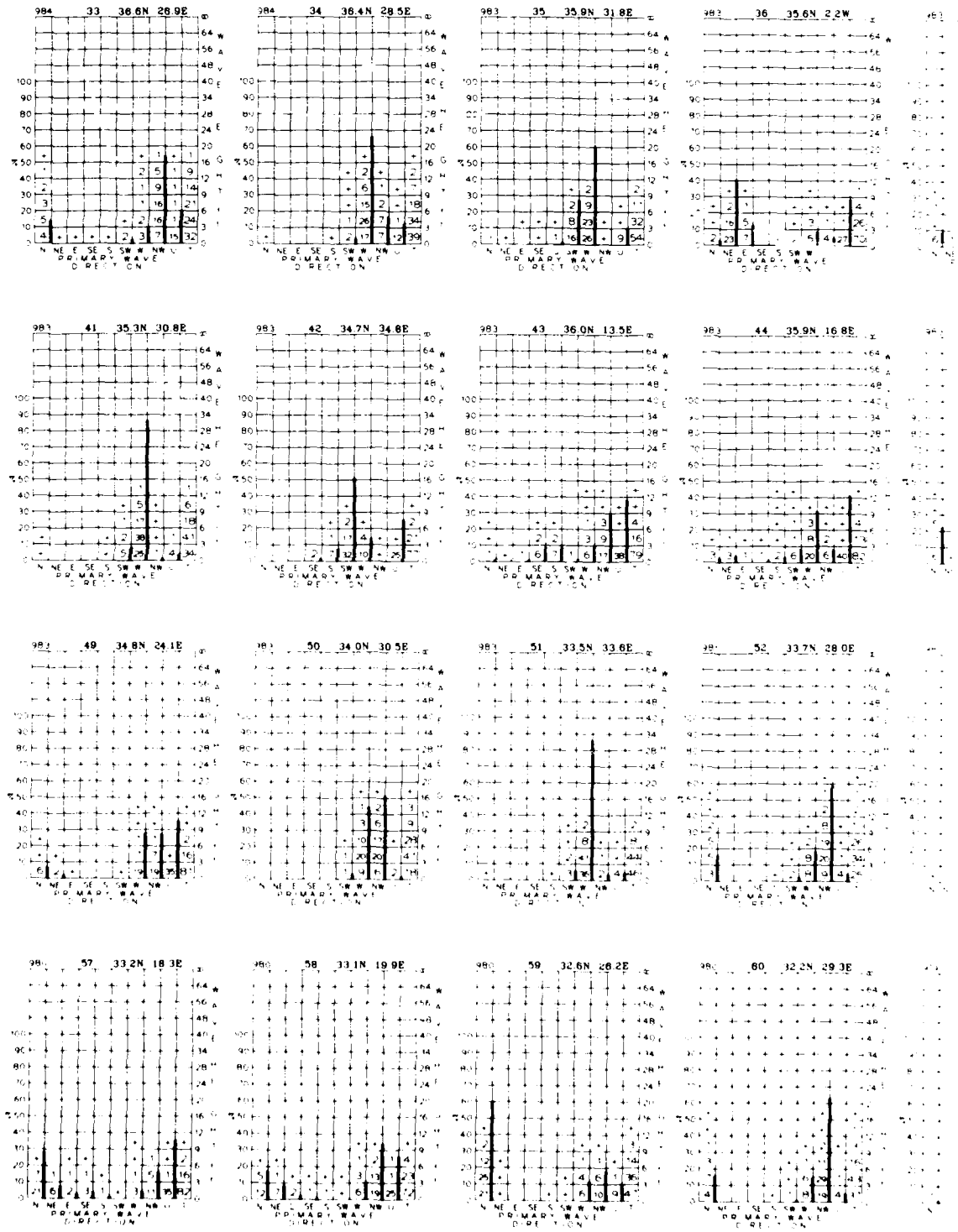


HFIGHT AND PRIMARY WAVE DIRECTION

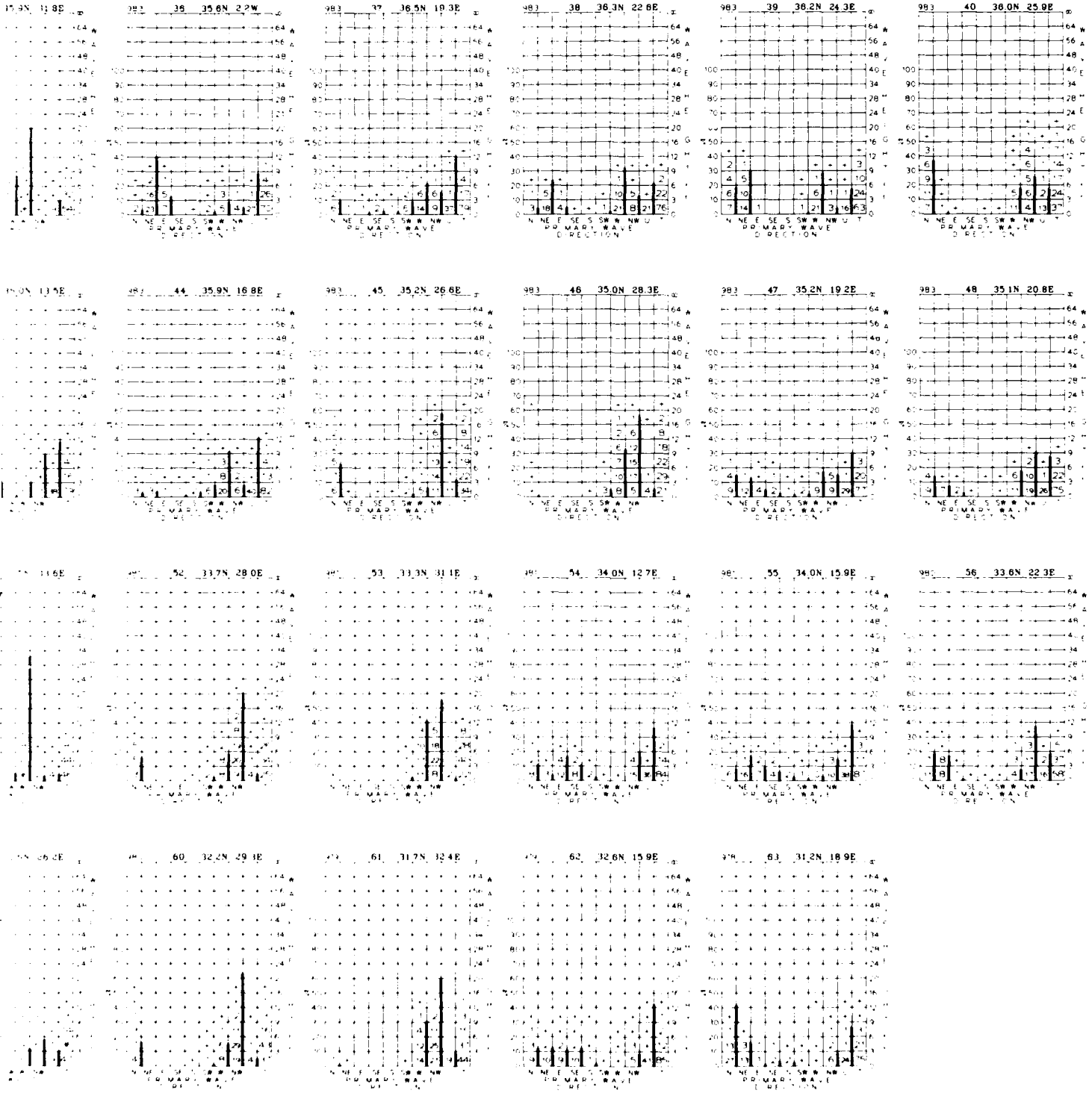


182 B

WAVE HEIGHT AND PRIMARY WAVE DIRECTIC

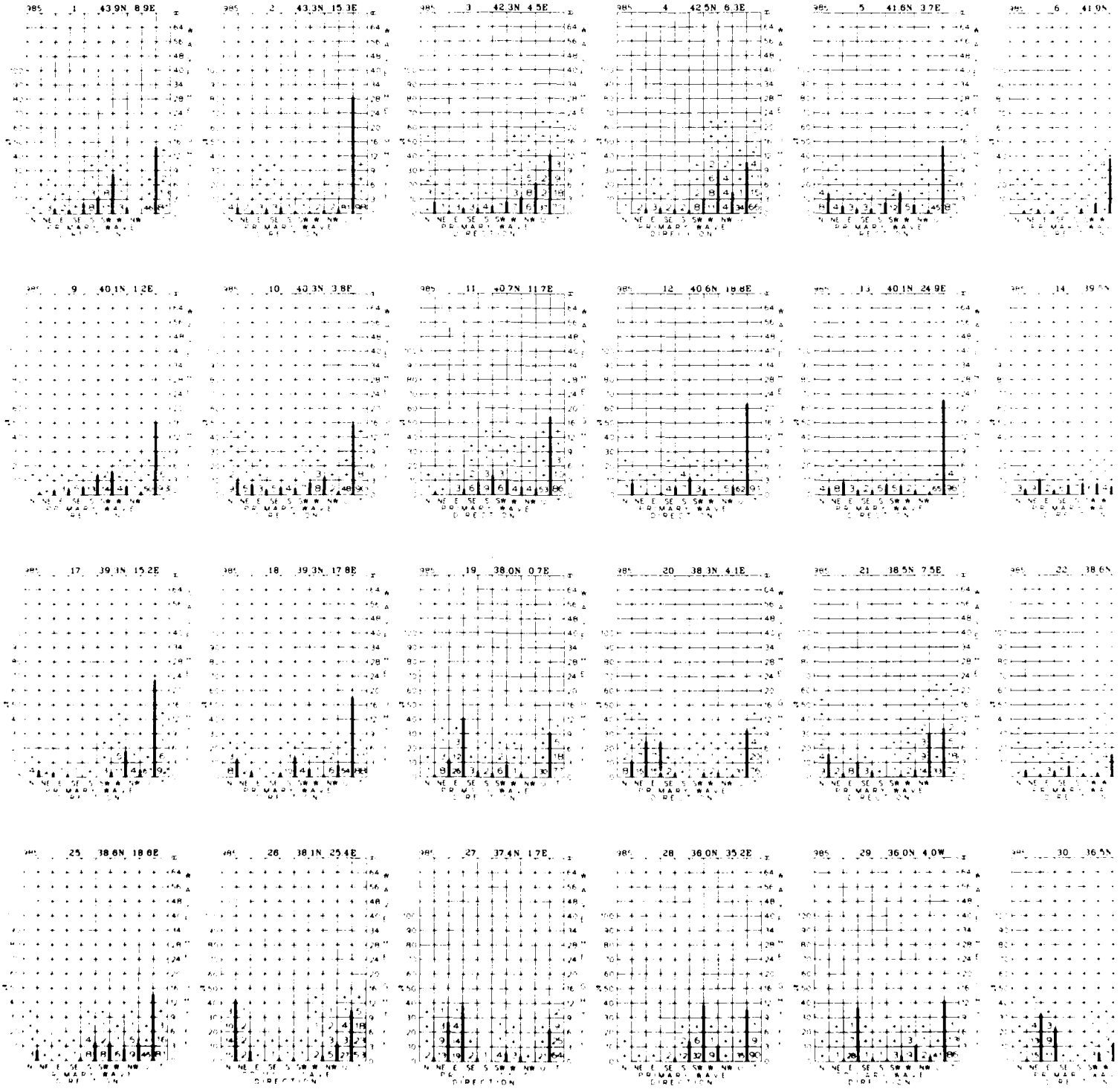


ARY WAVE DIRECTION (Cont'd) JULY

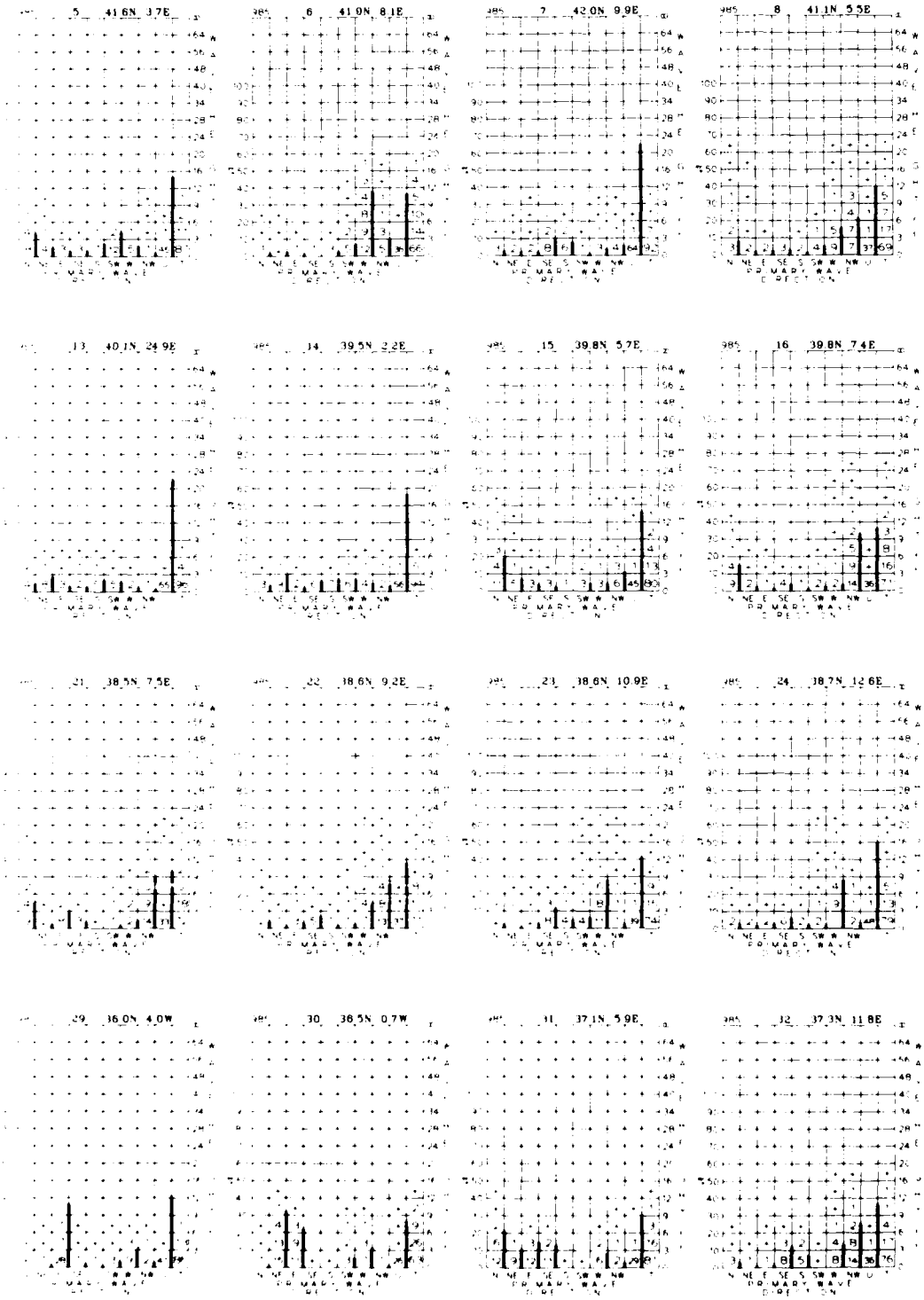


AUGUST

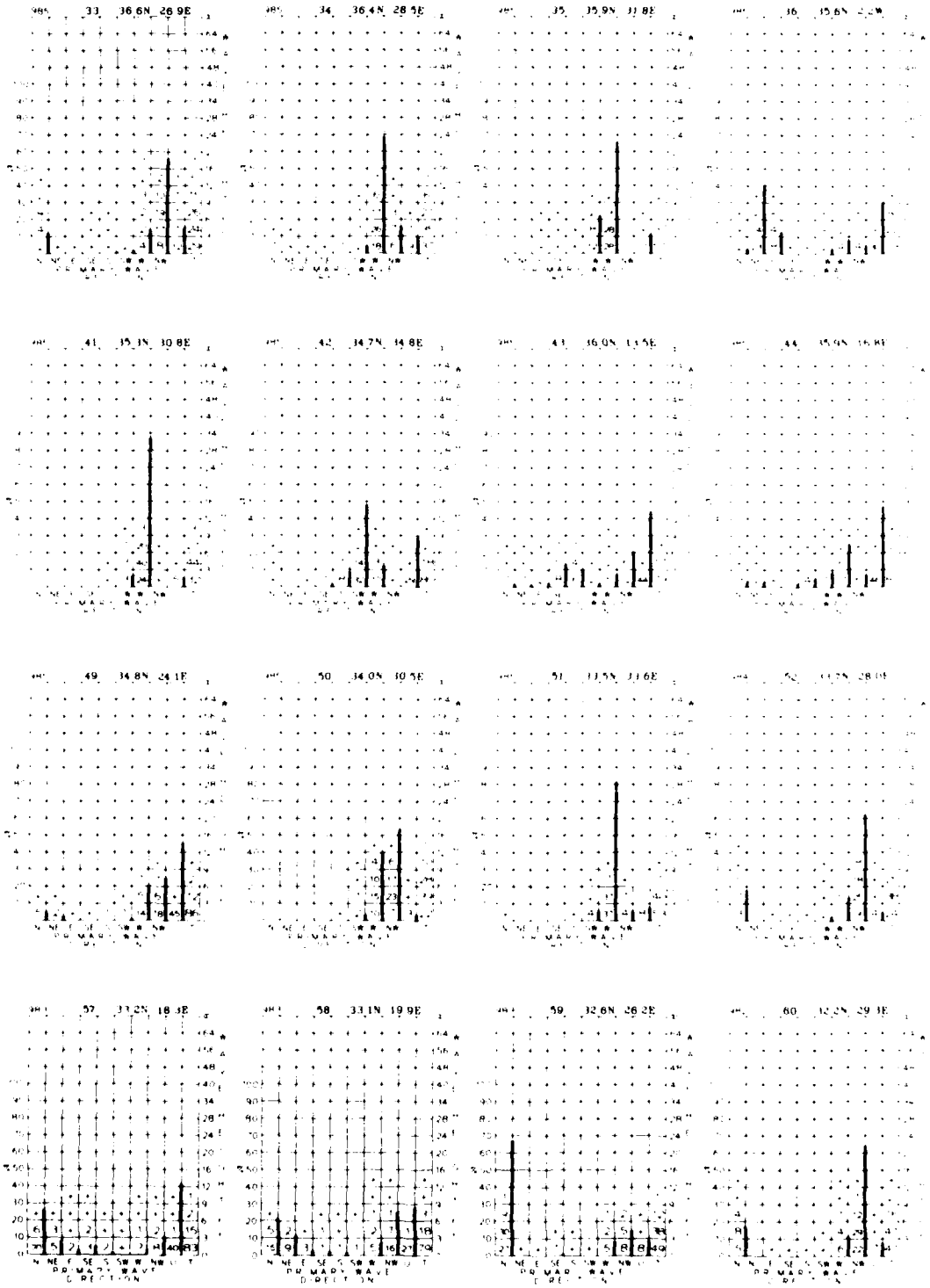
WAVE HEIGHT AND PRIM



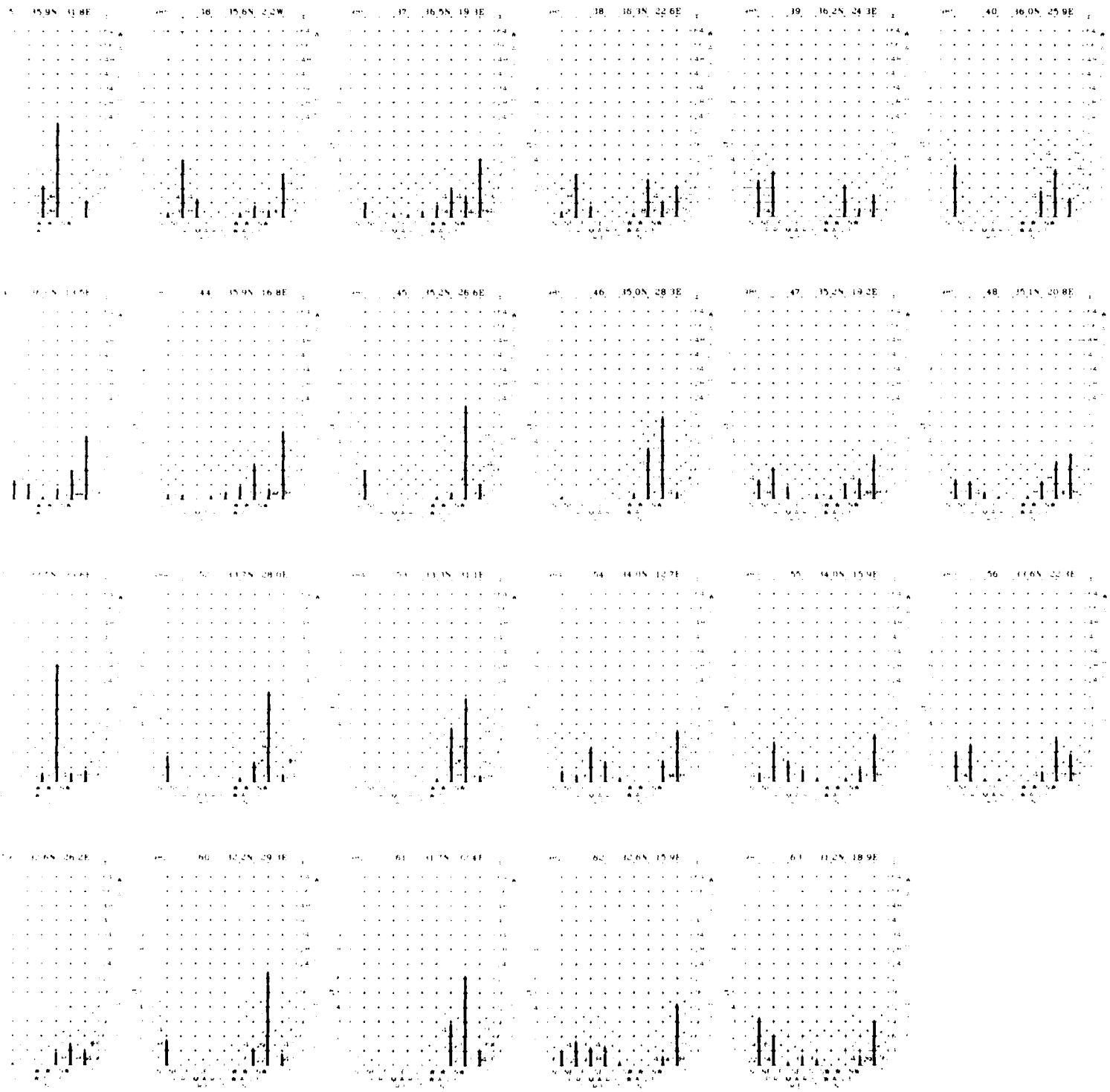
HEIGHT AND PRIMARY WAVE DIRECTION



WAVE HEIGHT AND PRIMARY WAVE DIRECTI

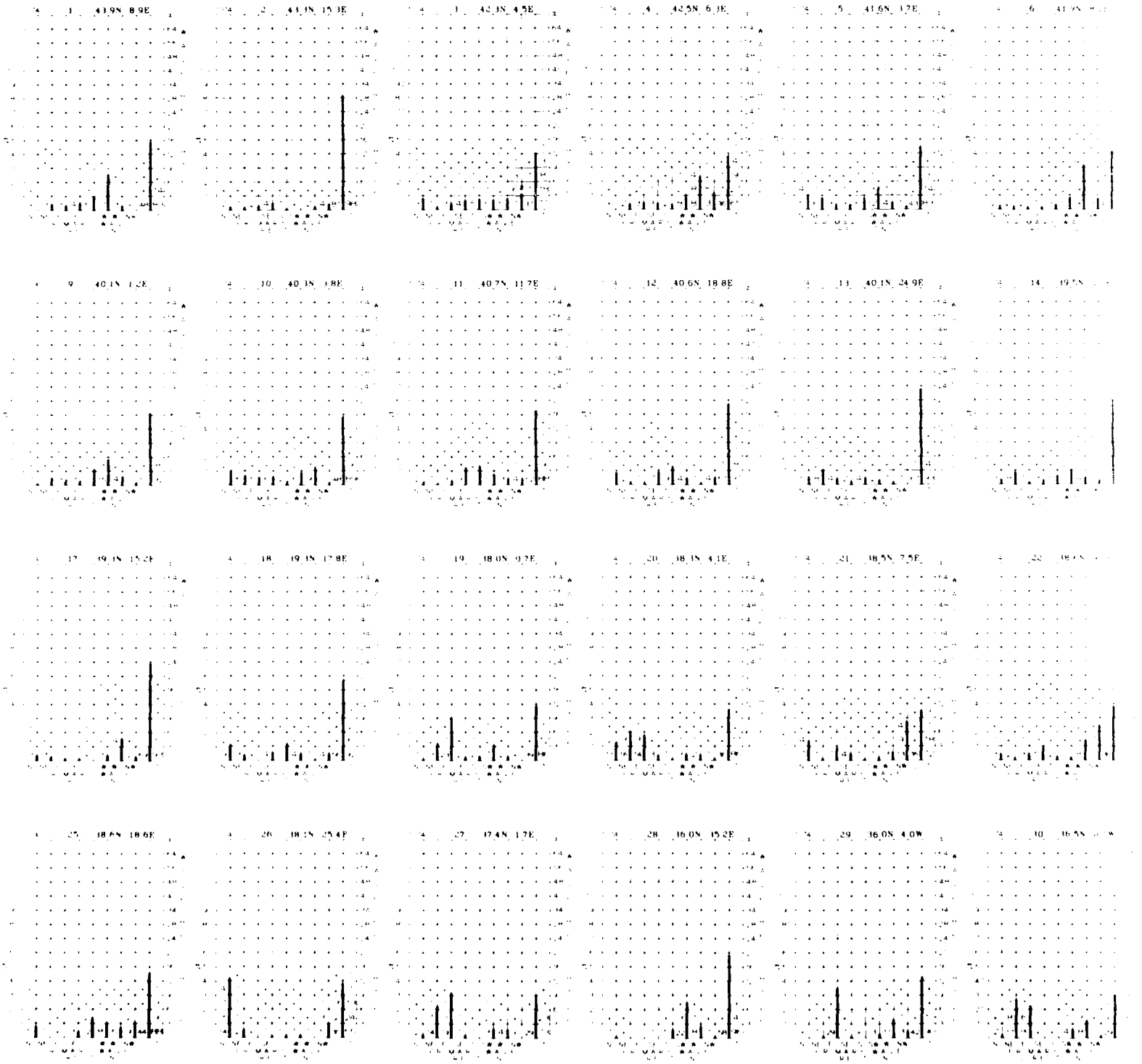


155 A

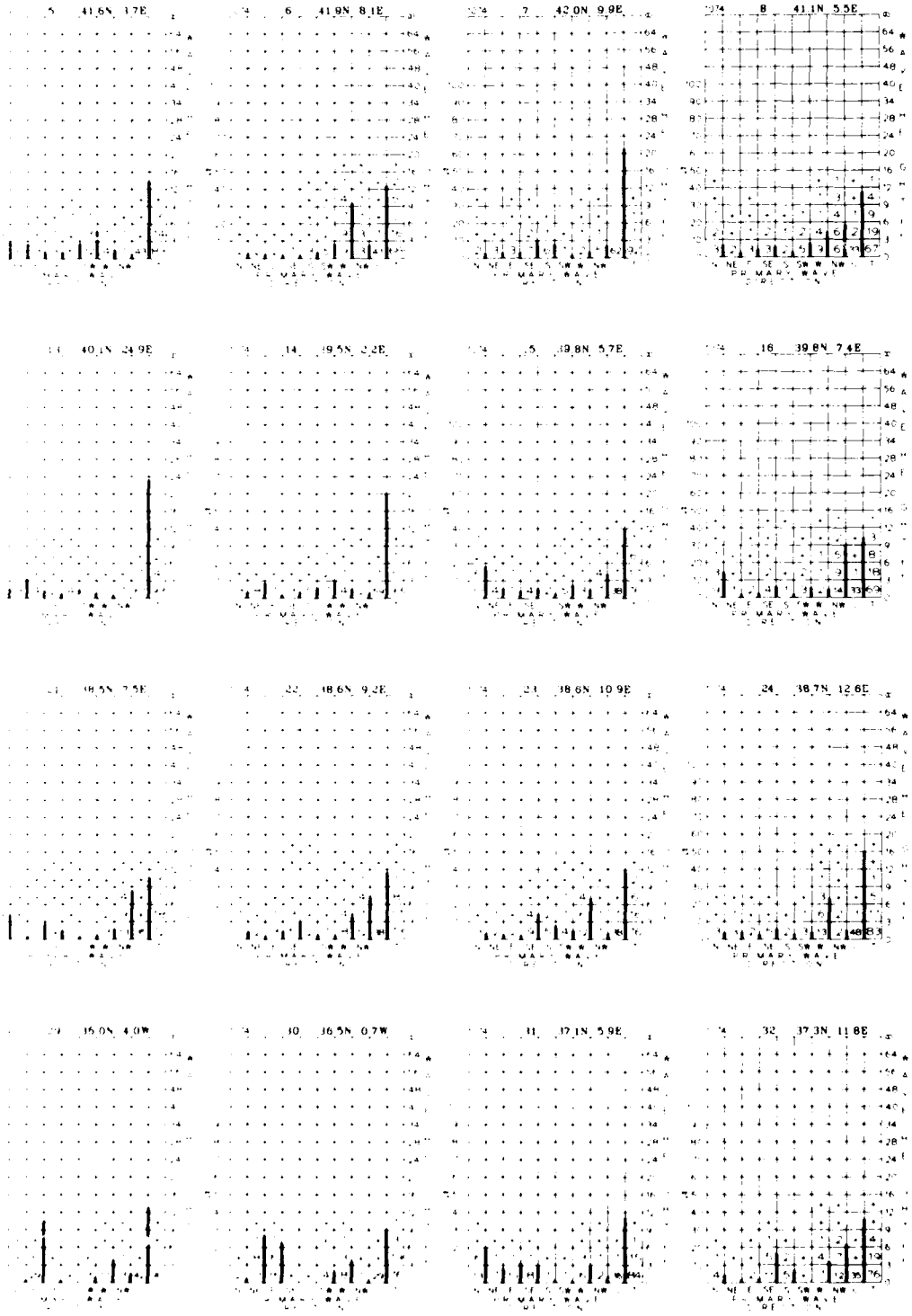


SEPTEMBER

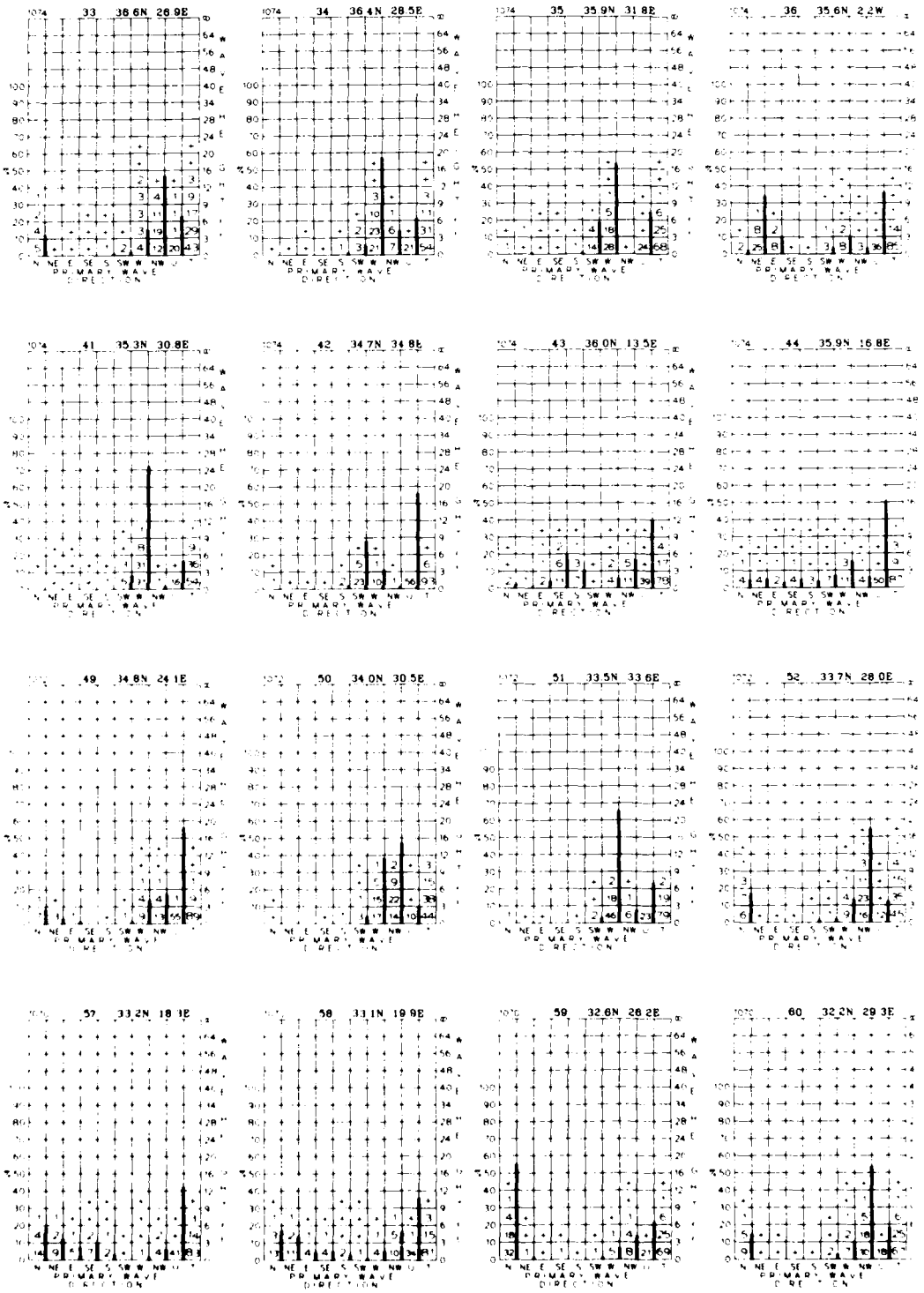
WAVE HEIGHT AND PRIMAR



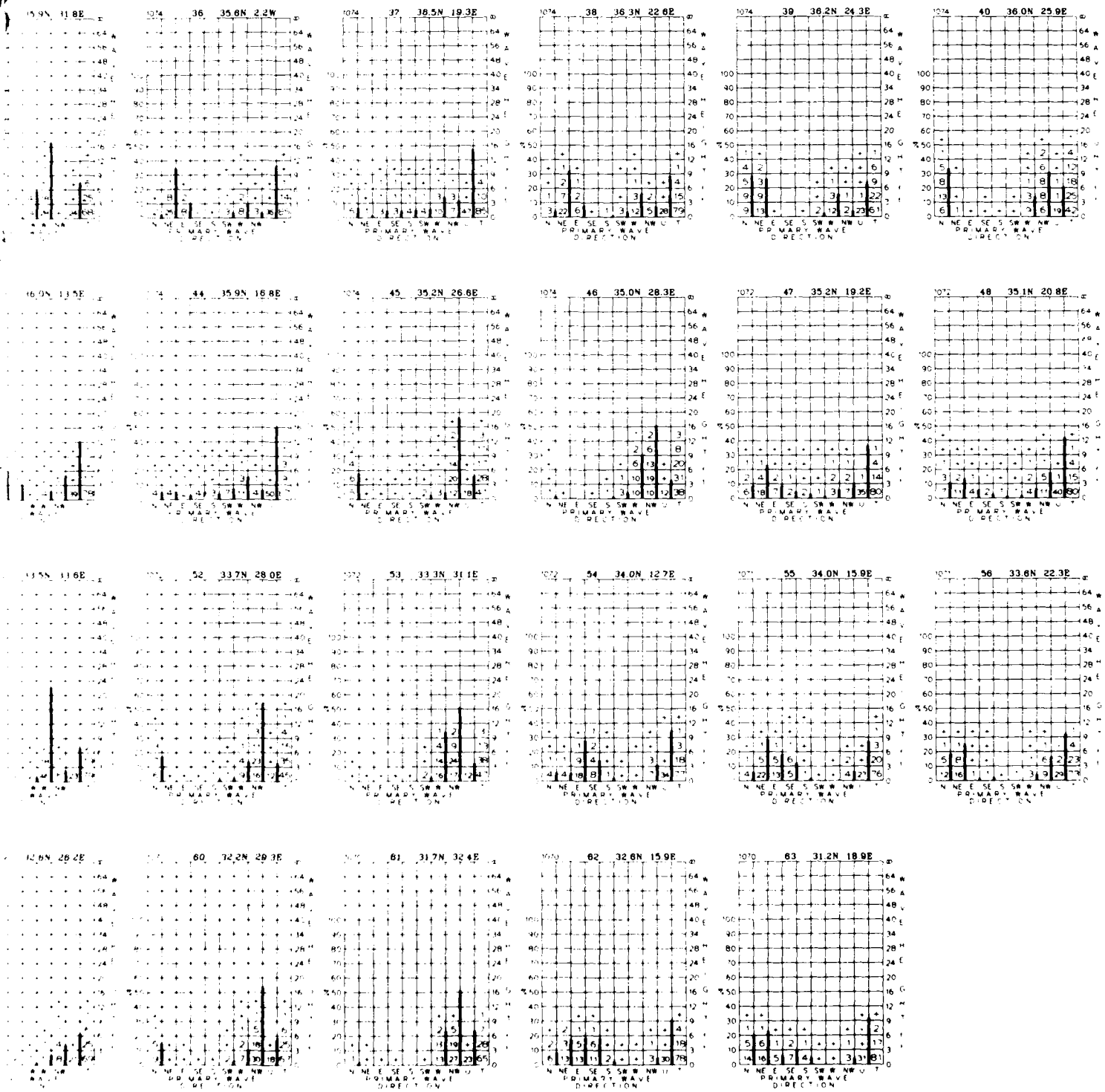
HEIGHT AND PRIMARY WAVE DIRECTION



WAVE HEIGHT AND PRIMARY WAVE DIREC

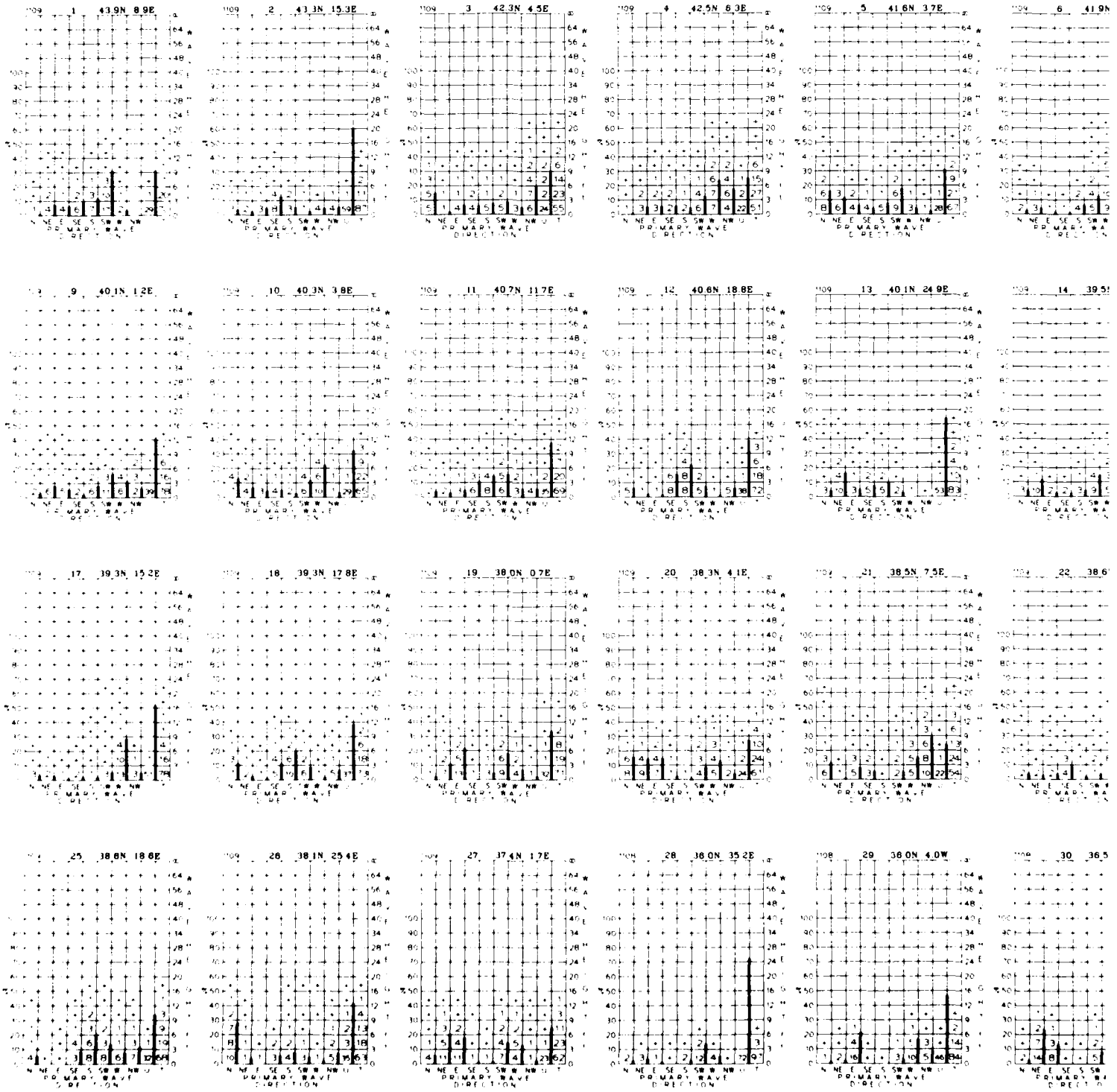


ARY WAVE DIRECTION (Cont'd) SEPTEMBER

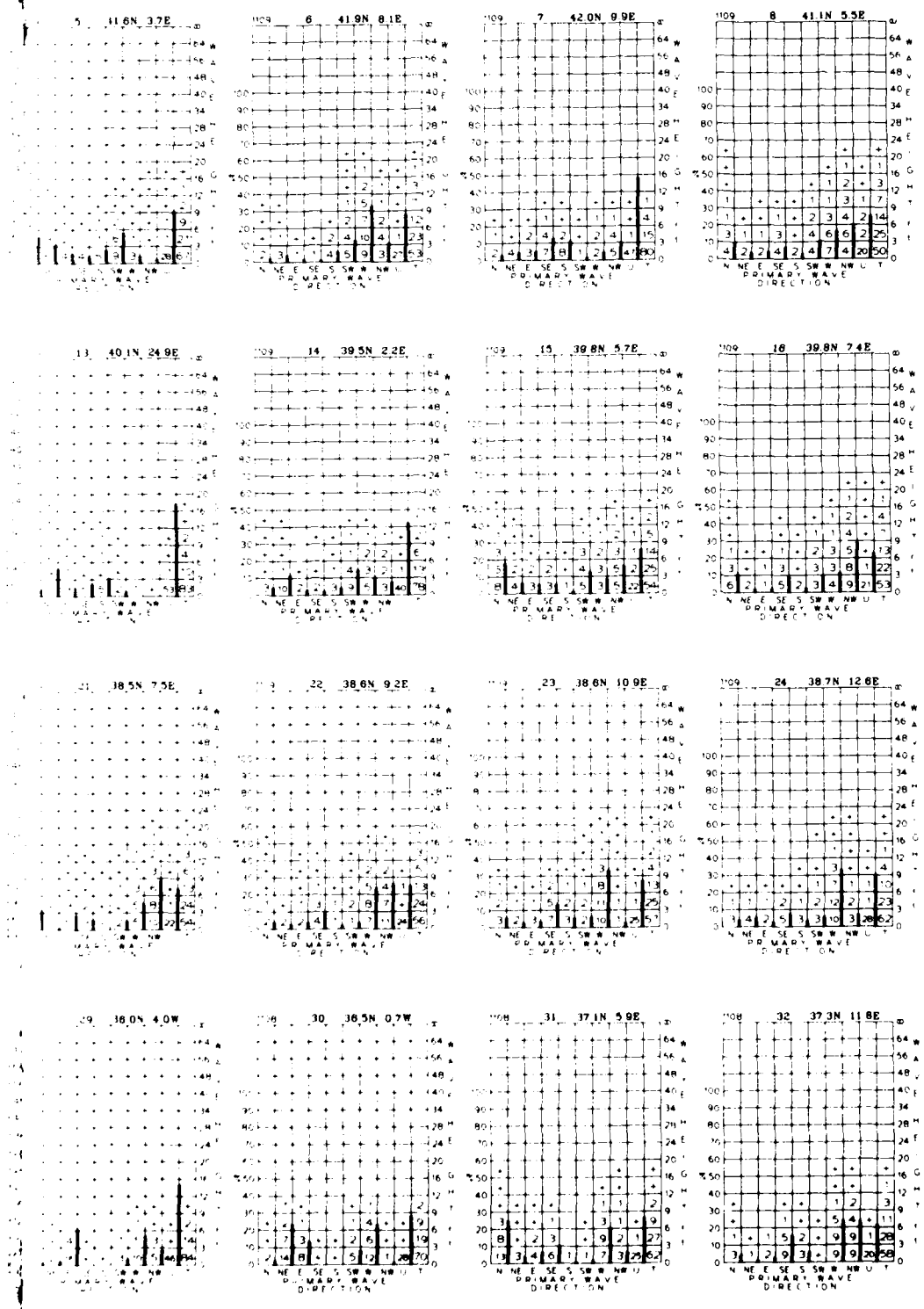


OCTOBER

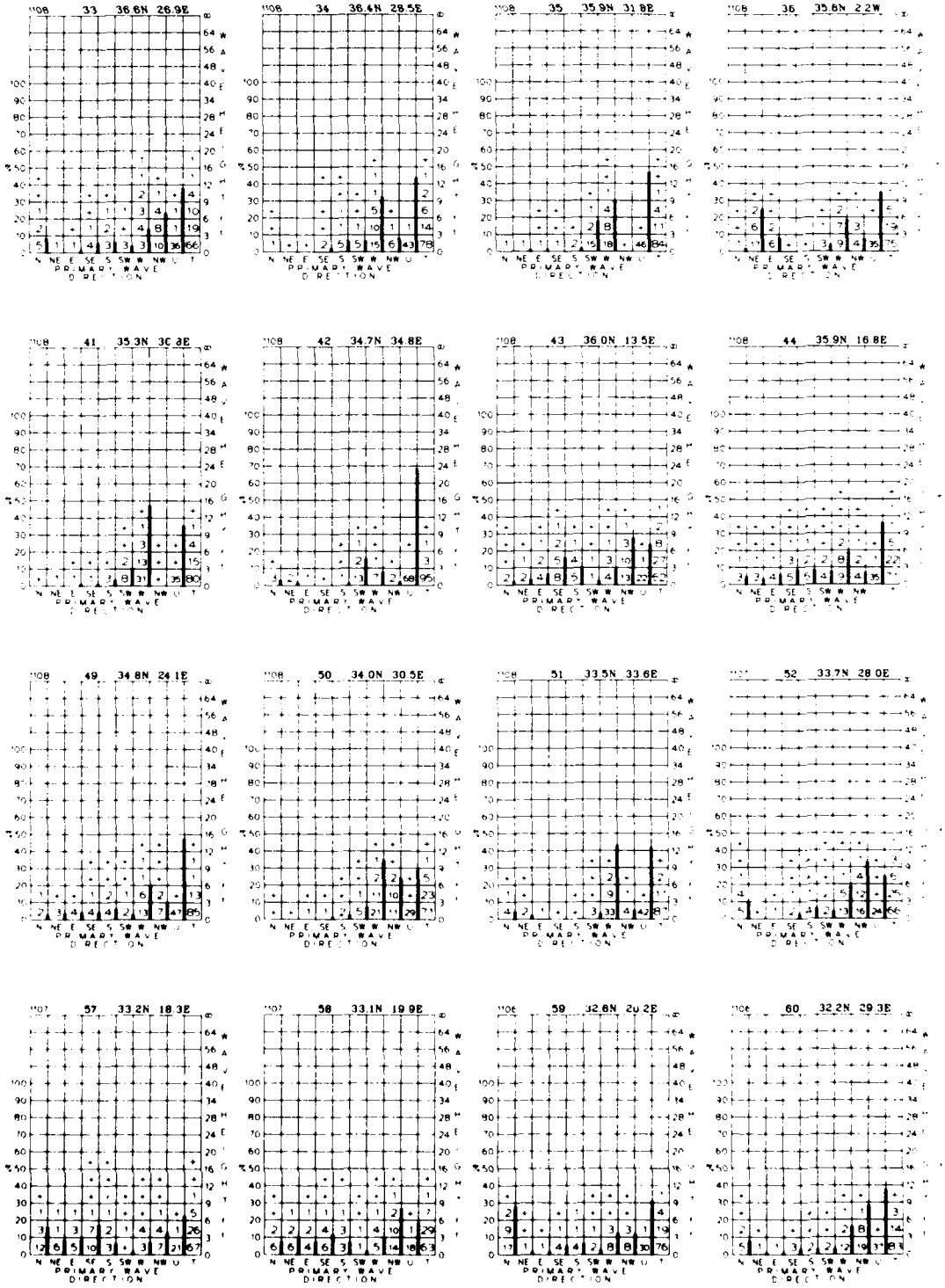
WAVE HEIGHT AND PRIM



EIGHT AND PRIMARY WAVE DIRECTION

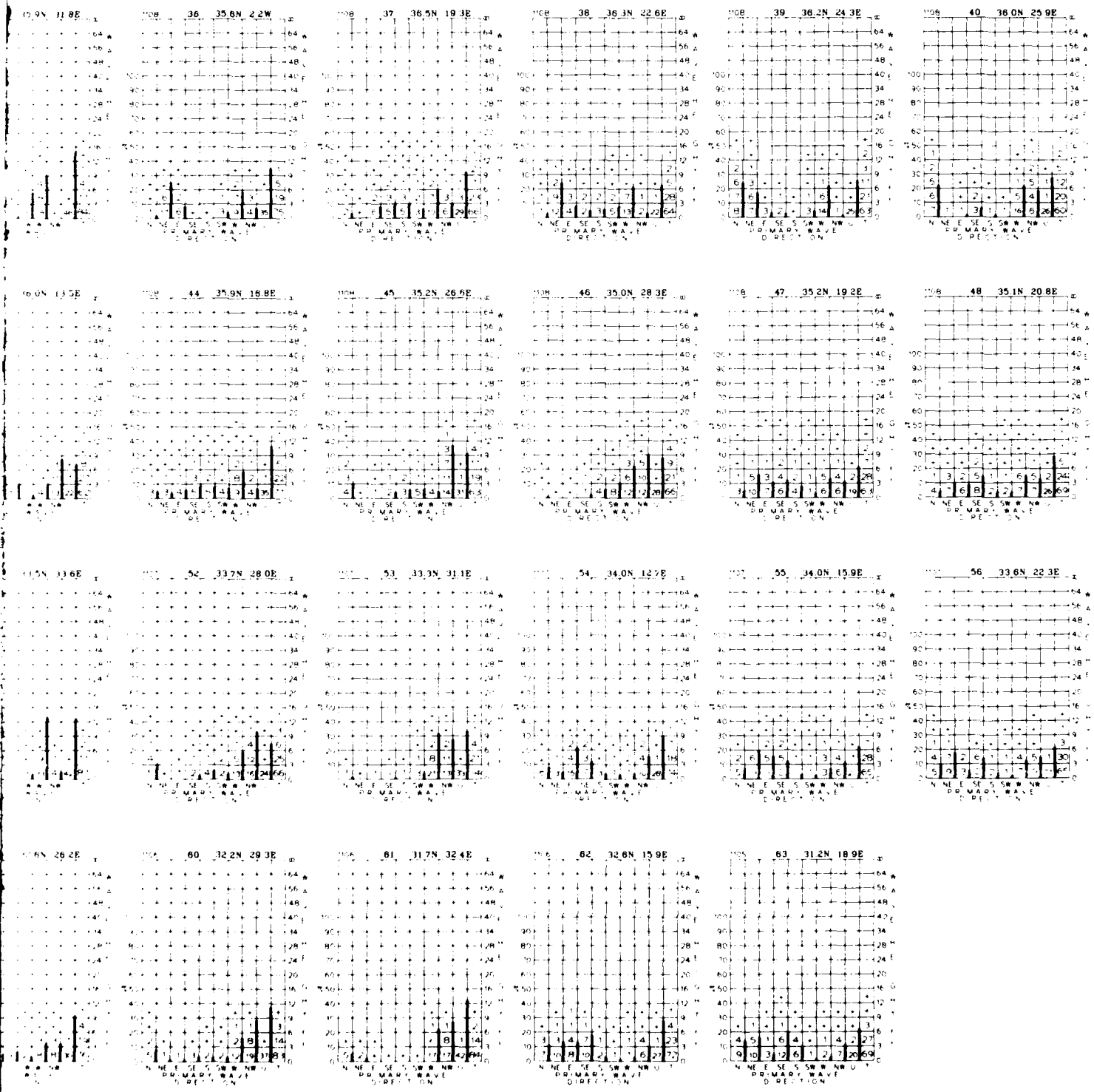


WAVE HEIGHT AND PRIMARY WAVE DIREC



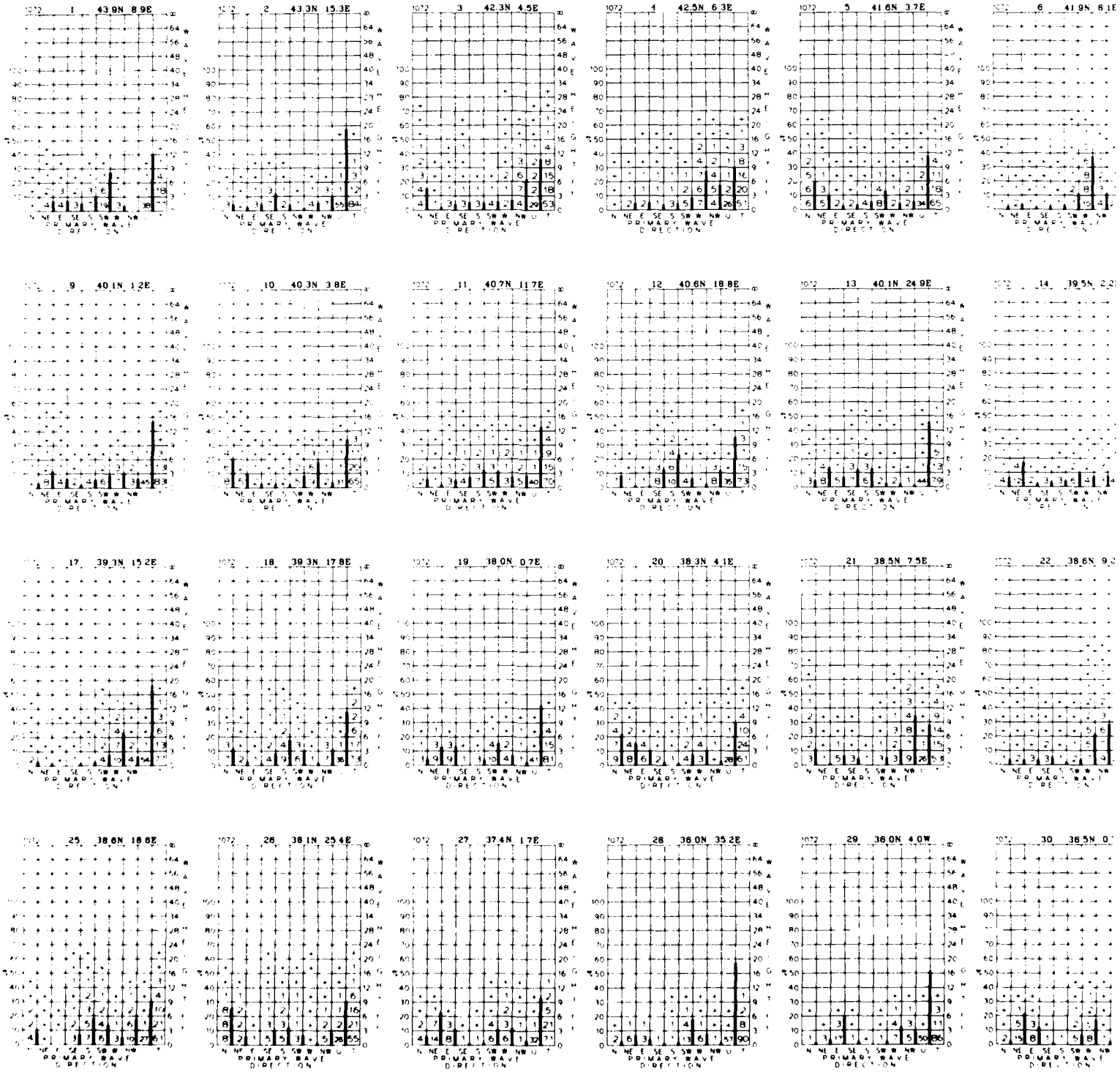
18

ARY WAVE DIRECTION (Cont'd) OCTOBER

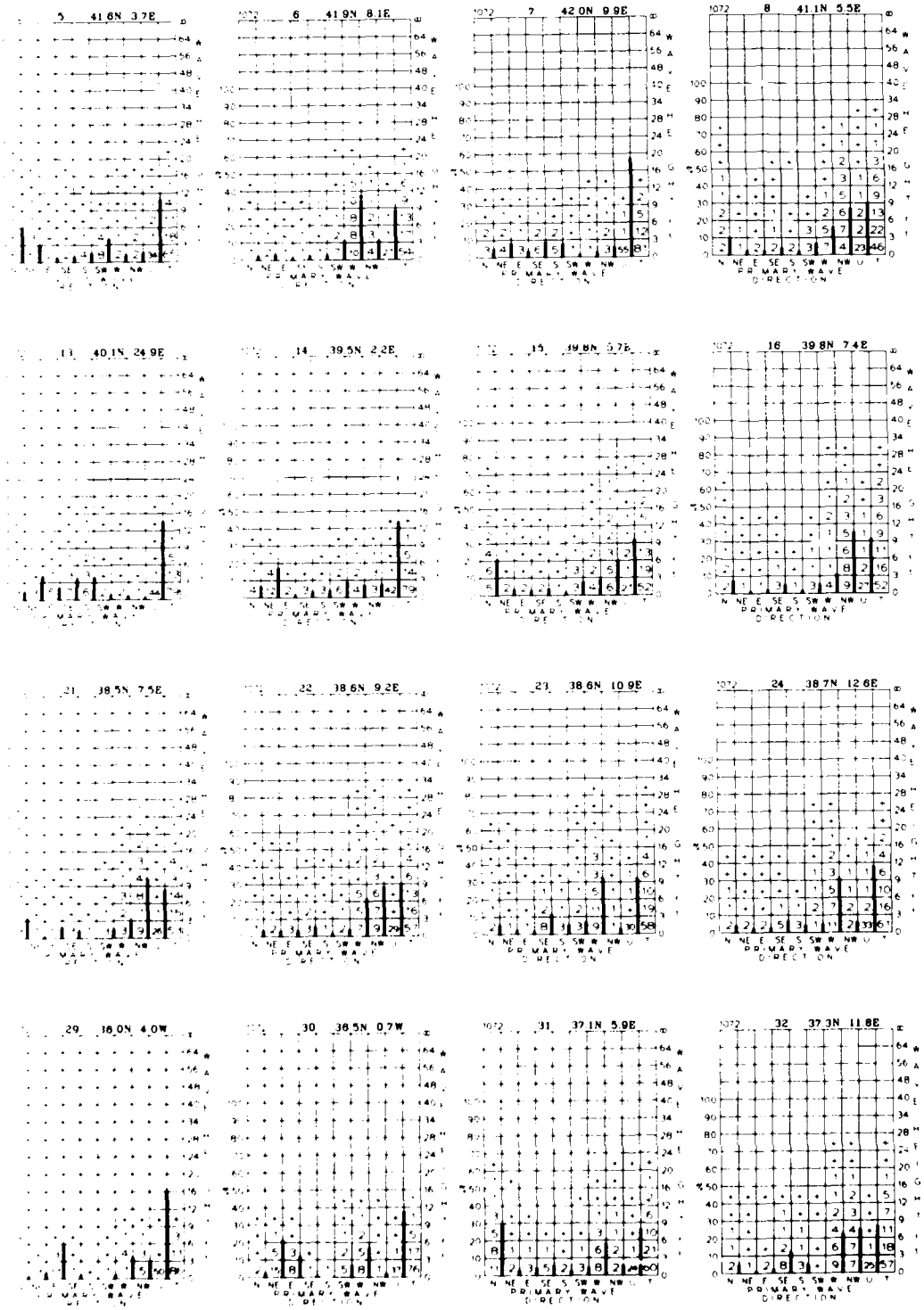


NOVEMBER

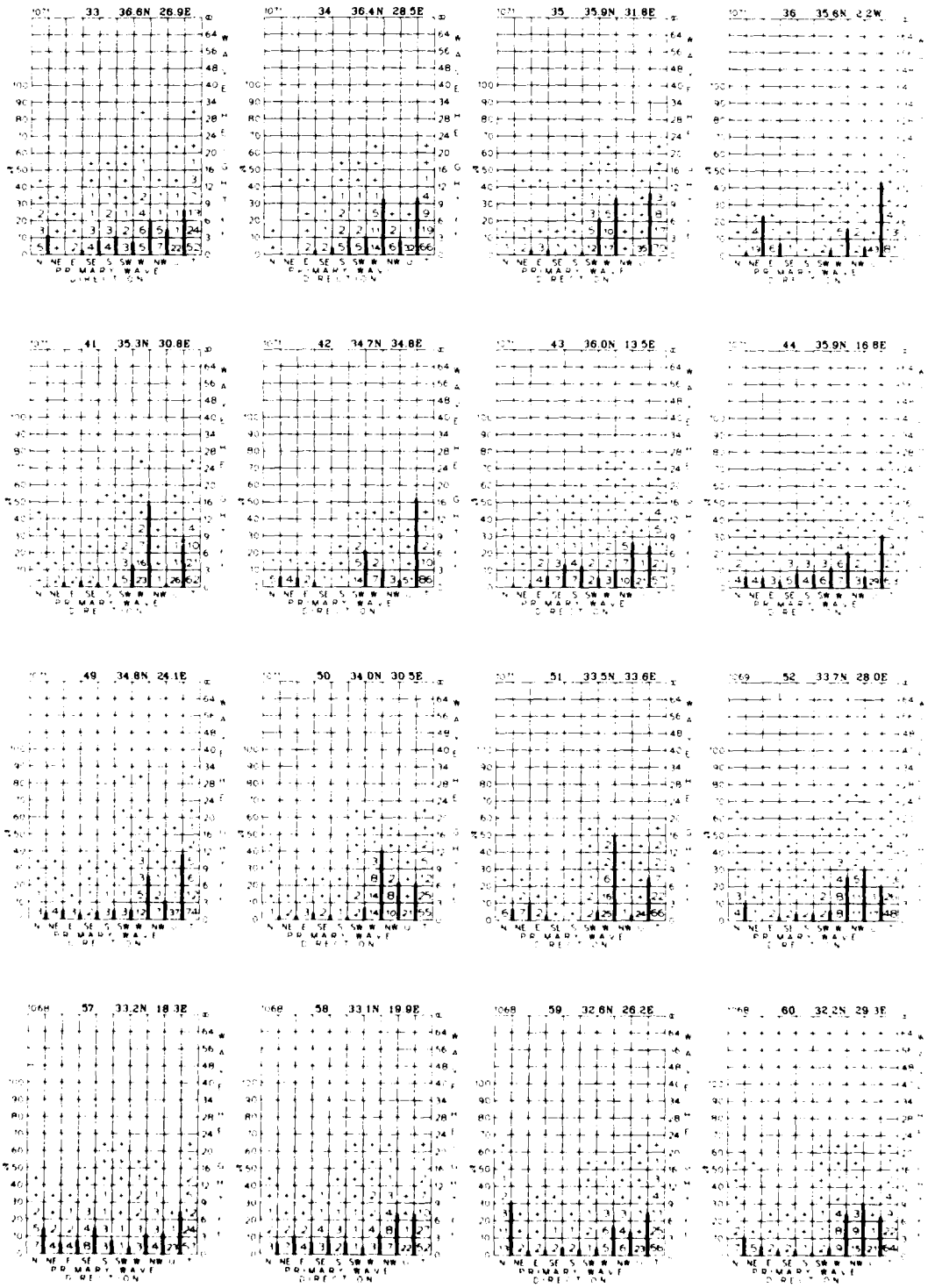
WAVE HEIGHT AND PRIMA



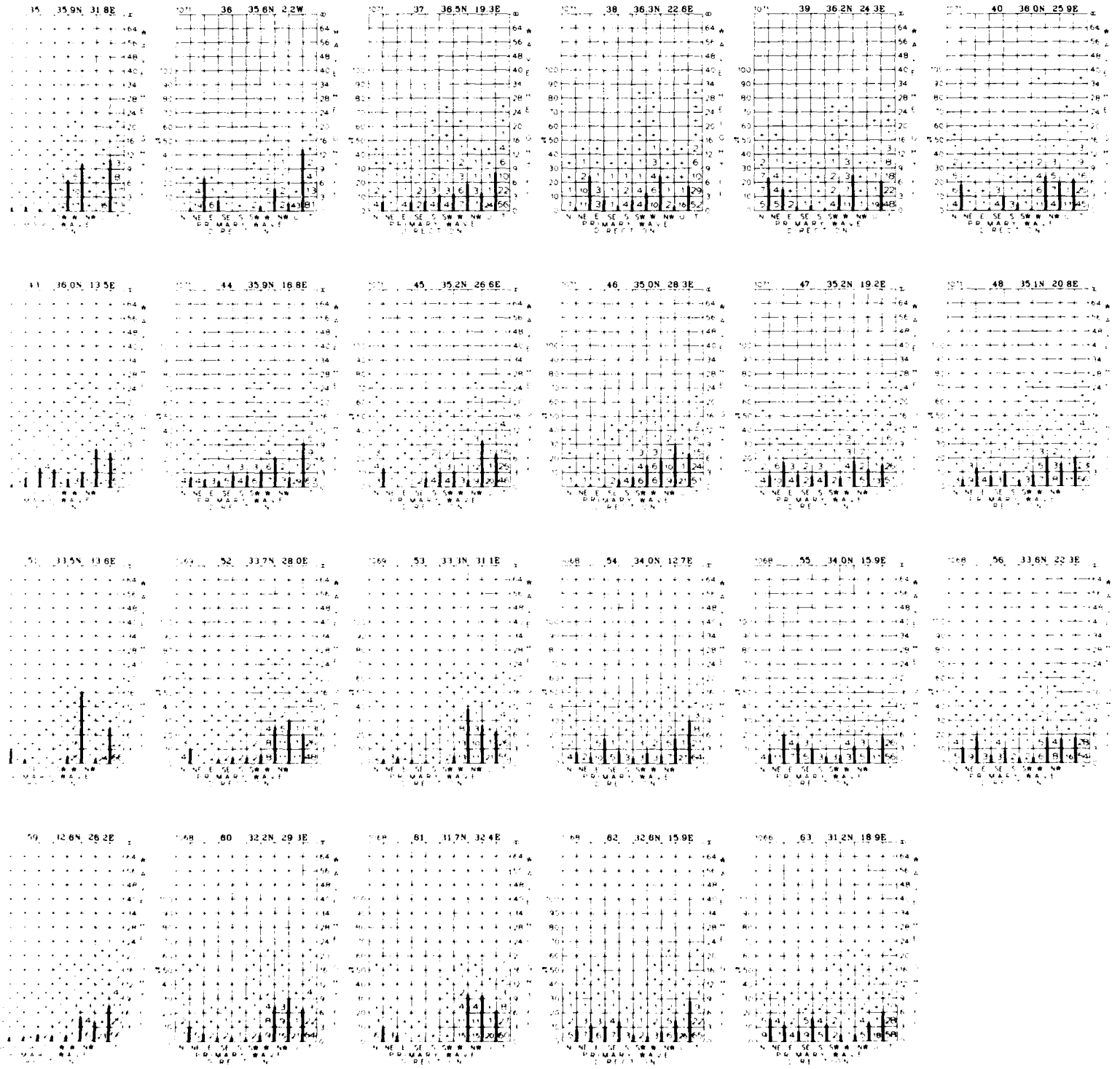
HEIGHT AND PRIMARY WAVE DIRECTION

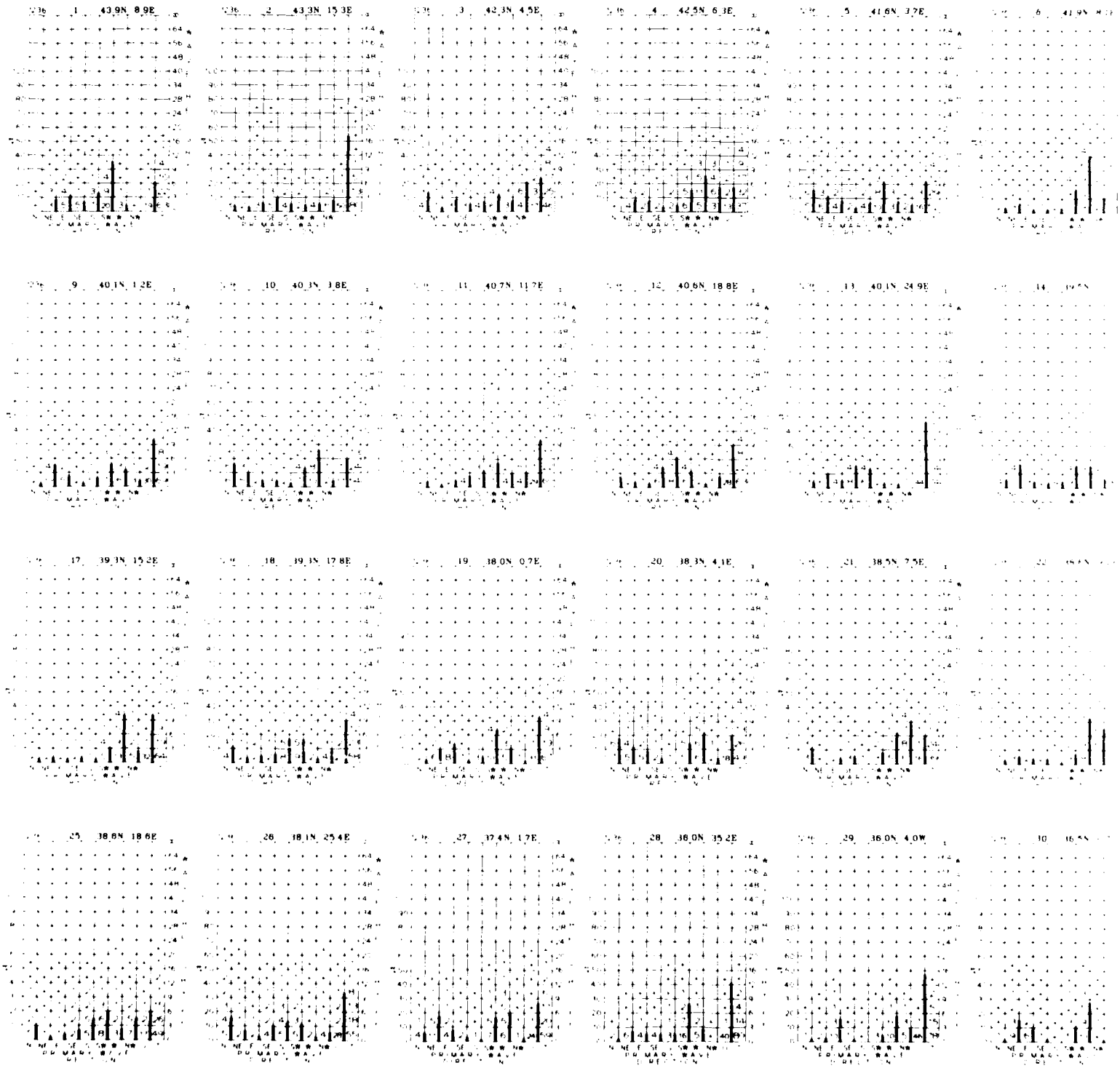


WAVE HEIGHT AND PRIMARY WAVE DIREC

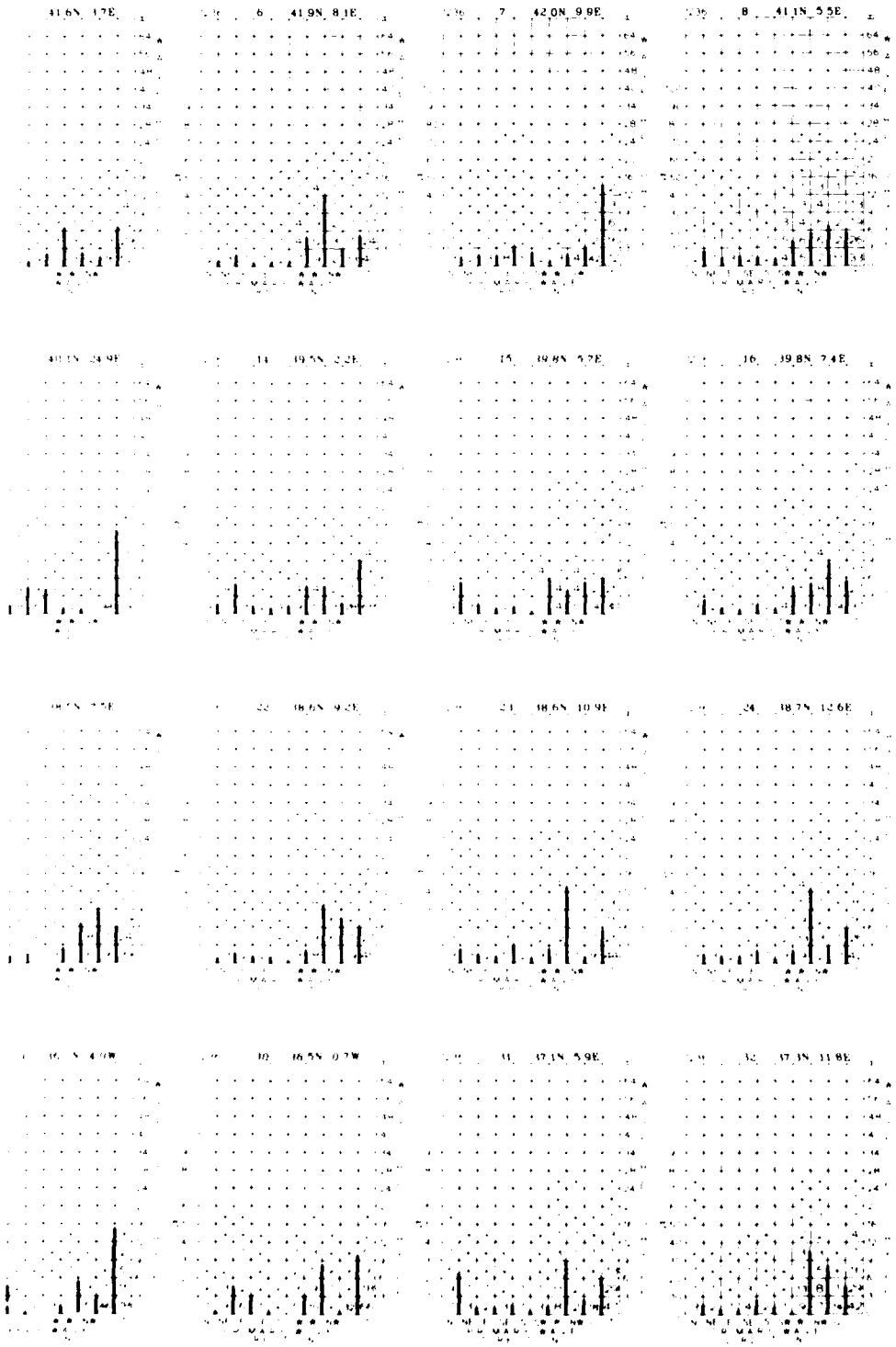


MARY WAVE DIRECTION (Cont'd) NOVEMBER

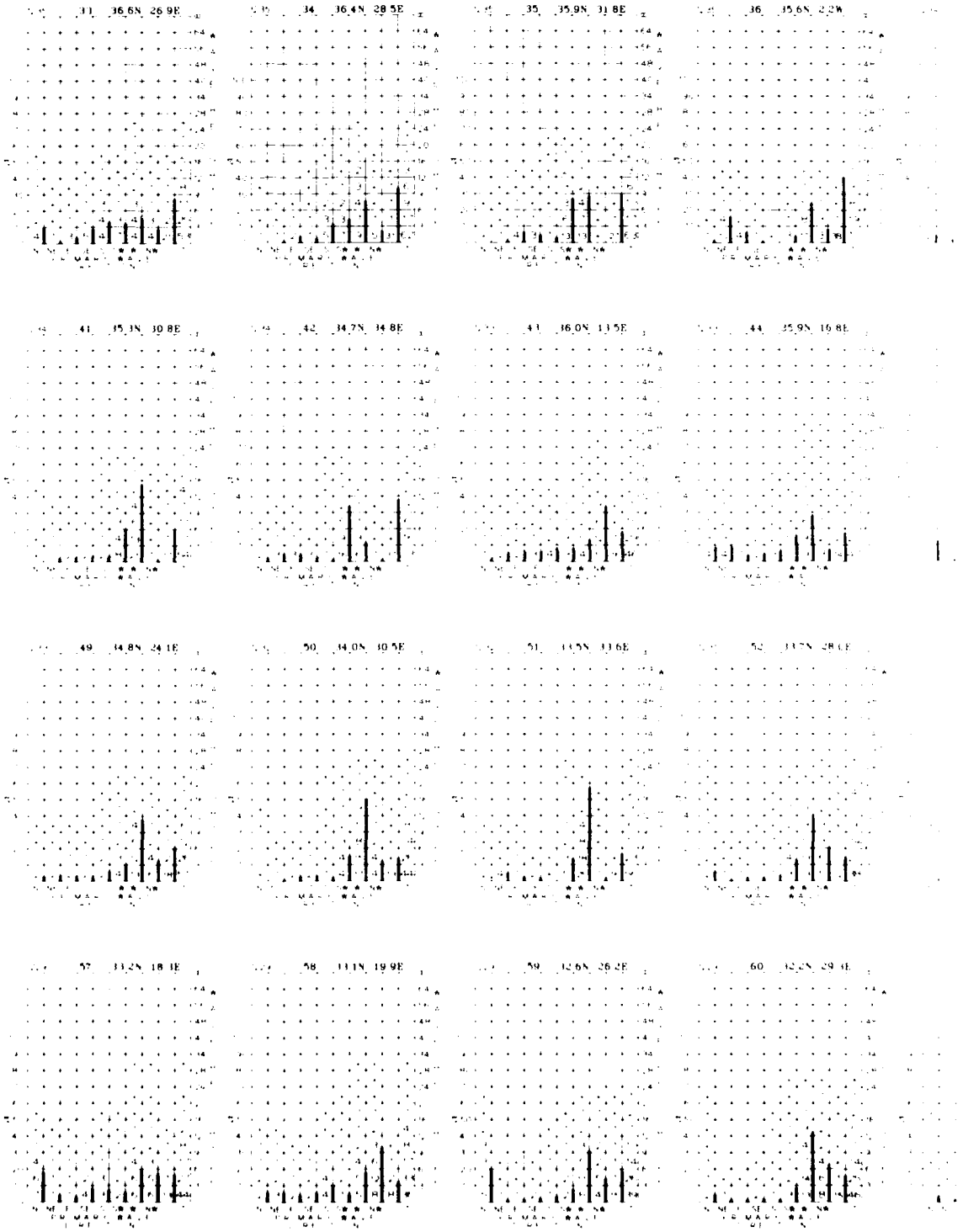



1 43.9N 8.9E
2 43.3N 15.3E
3 42.3N 4.5E
4 42.5N 6.3E
5 41.6N 3.7E
9 40.1N 1.2E
10 40.3N 3.8E
11 40.7N 11.7E
12 40.6N 18.8E
13 40.1N 24.9E
17 39.3N 15.2E
18 39.3N 17.8E
19 38.0N 0.7E
20 38.3N 4.1E
21 38.5N 7.5E
25 38.6N 18.6E
26 38.1N 25.4E
27 37.4N 1.7E
28 36.0N 35.2E
29 36.0N 4.0W

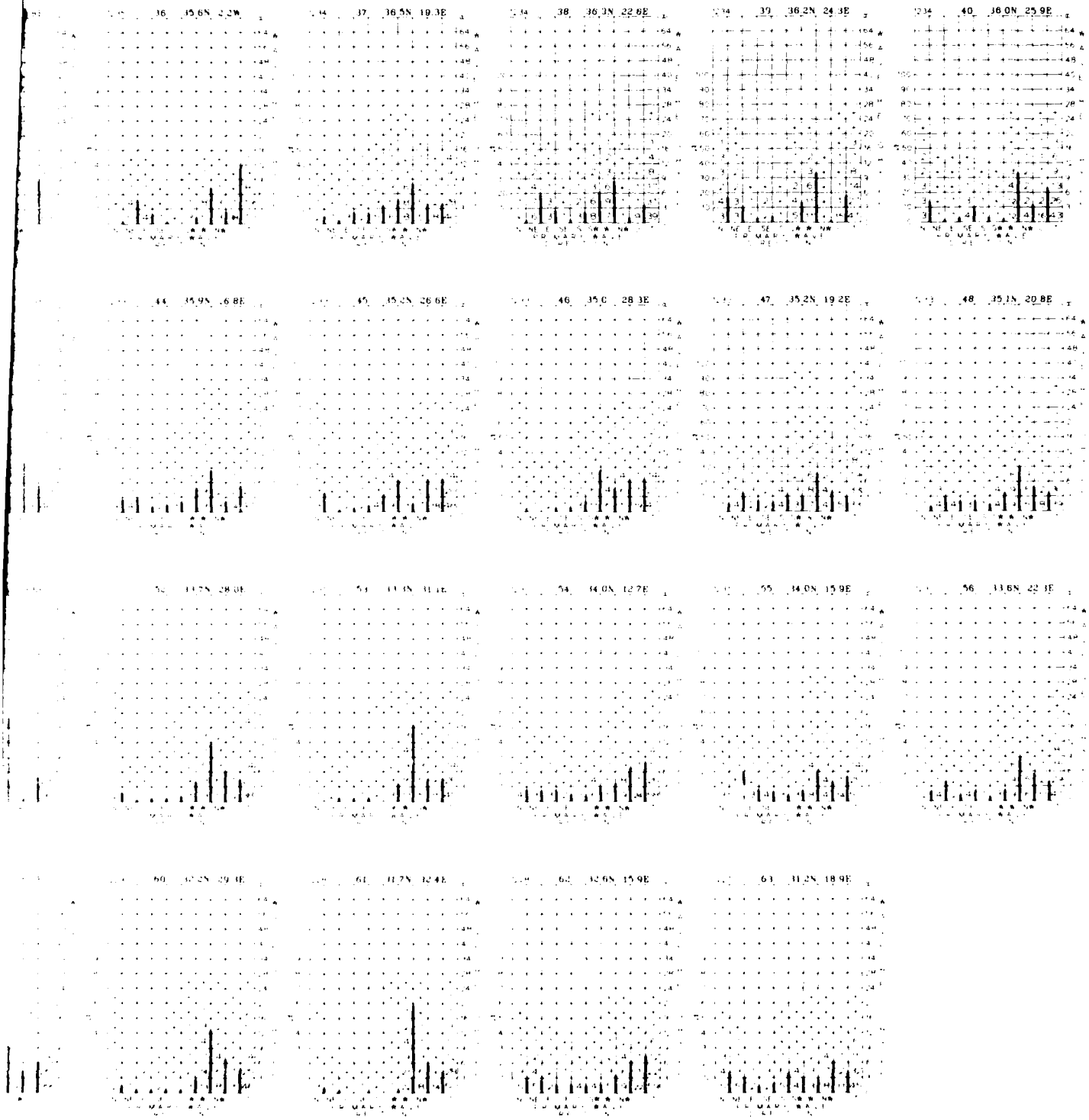
GHT AND PRIMARY WAVE DIRECTION



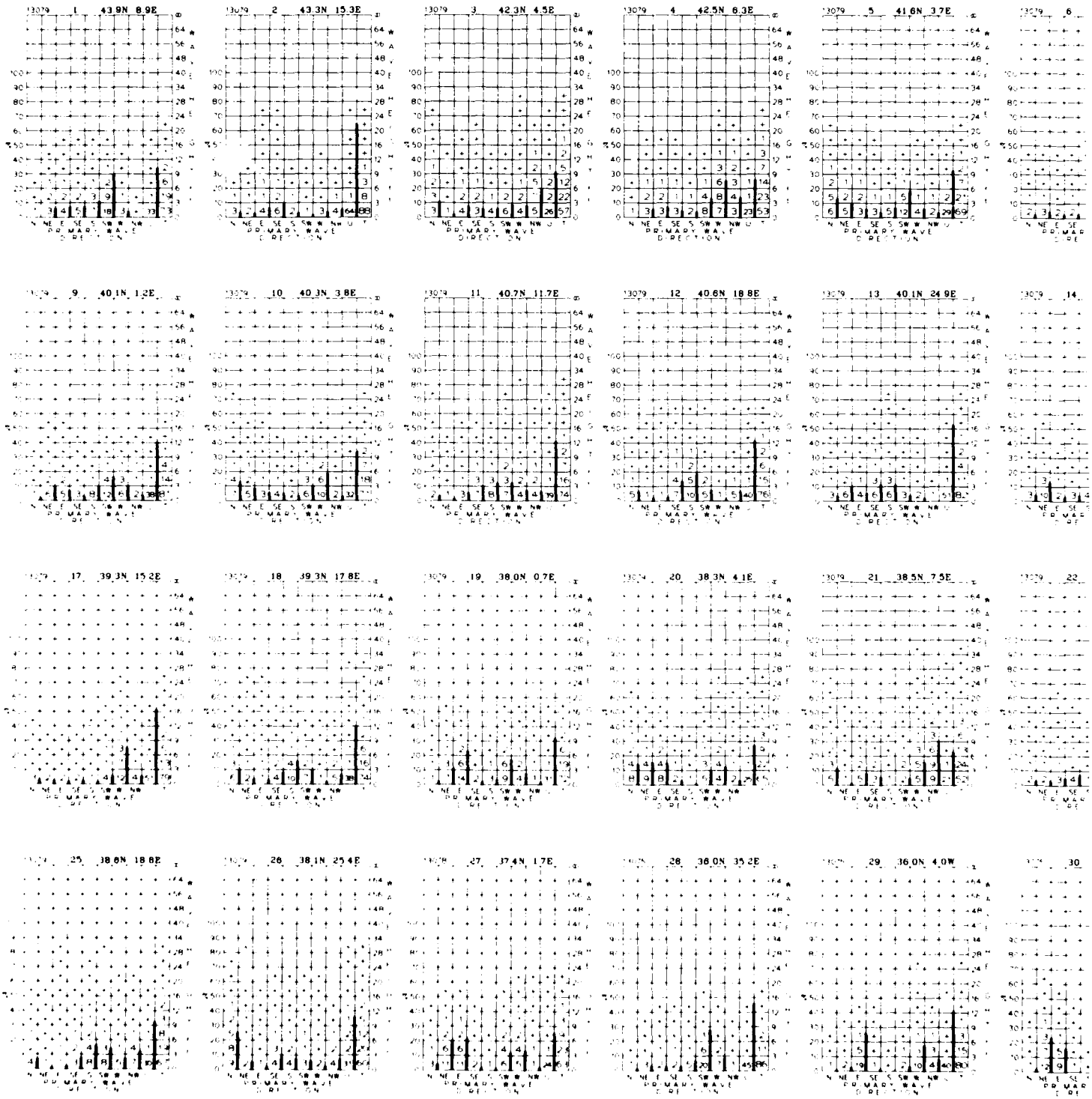
WAVE HEIGHT AND PRIMARY WAVE DIRECTIO



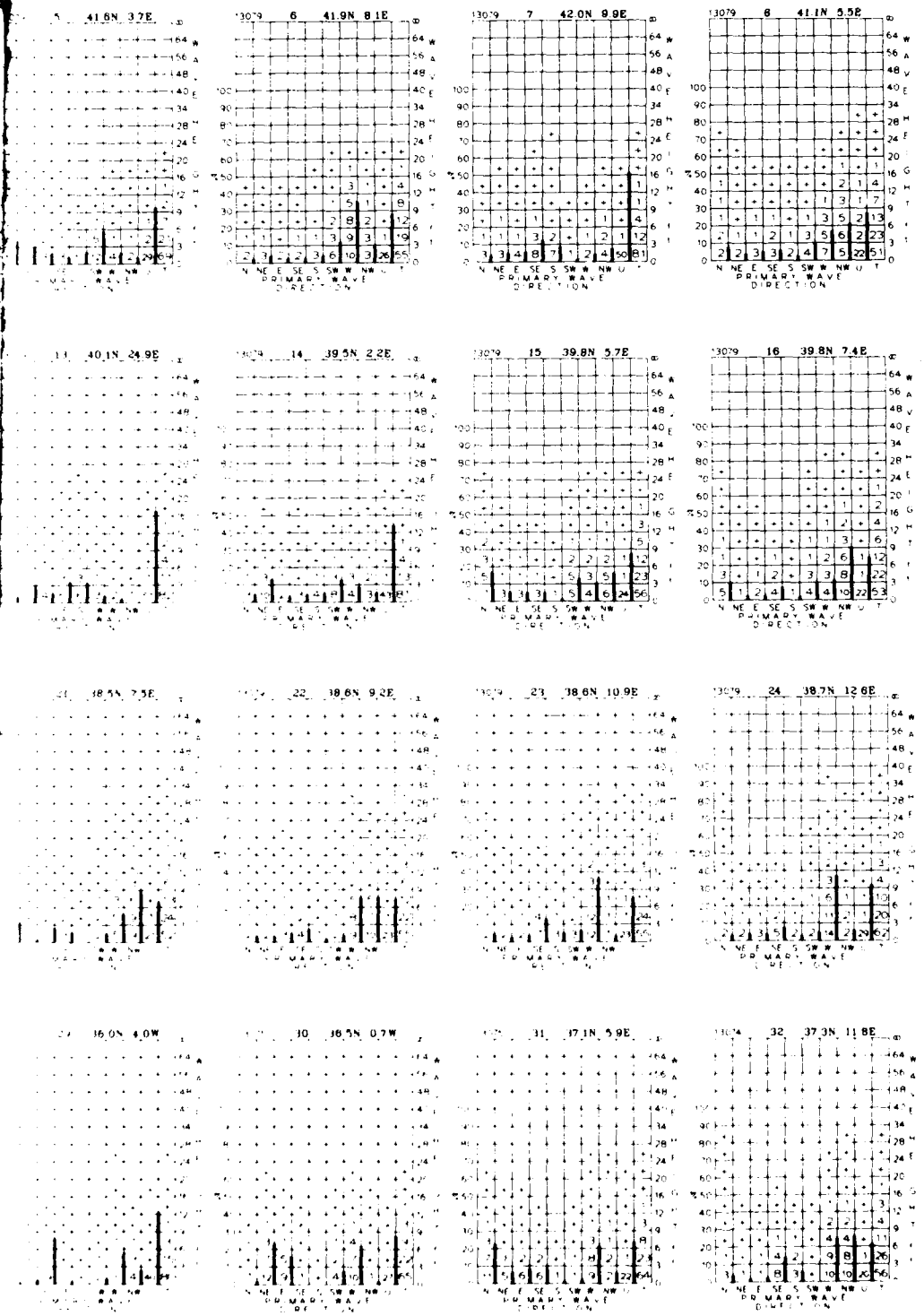
WAVE DIRECTION (Cont'd) DECEMBER



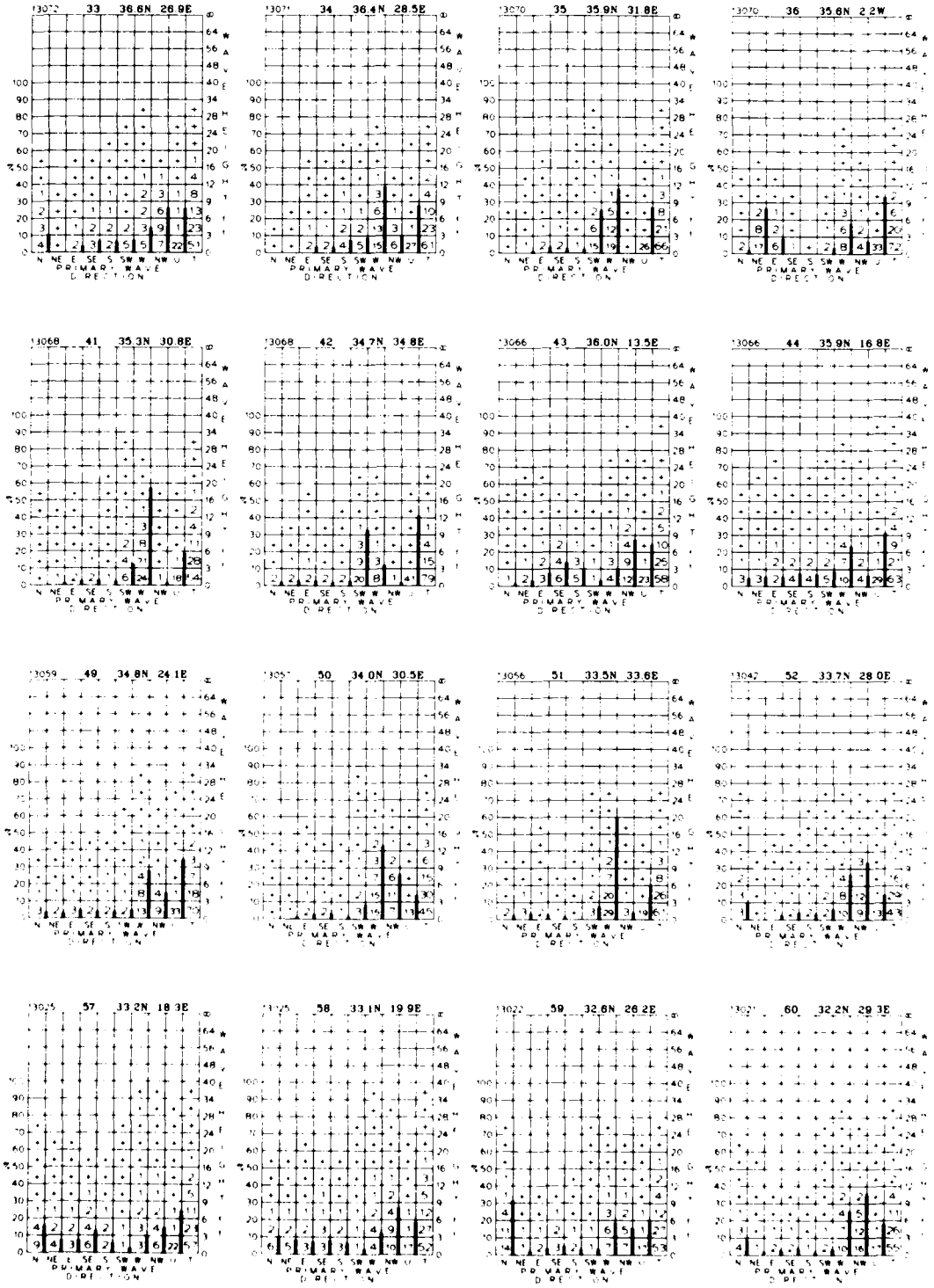
ANNUAL WAVE HEIGHT AND PF



EIGHT AND PRIMARY WAVE DIRECTION

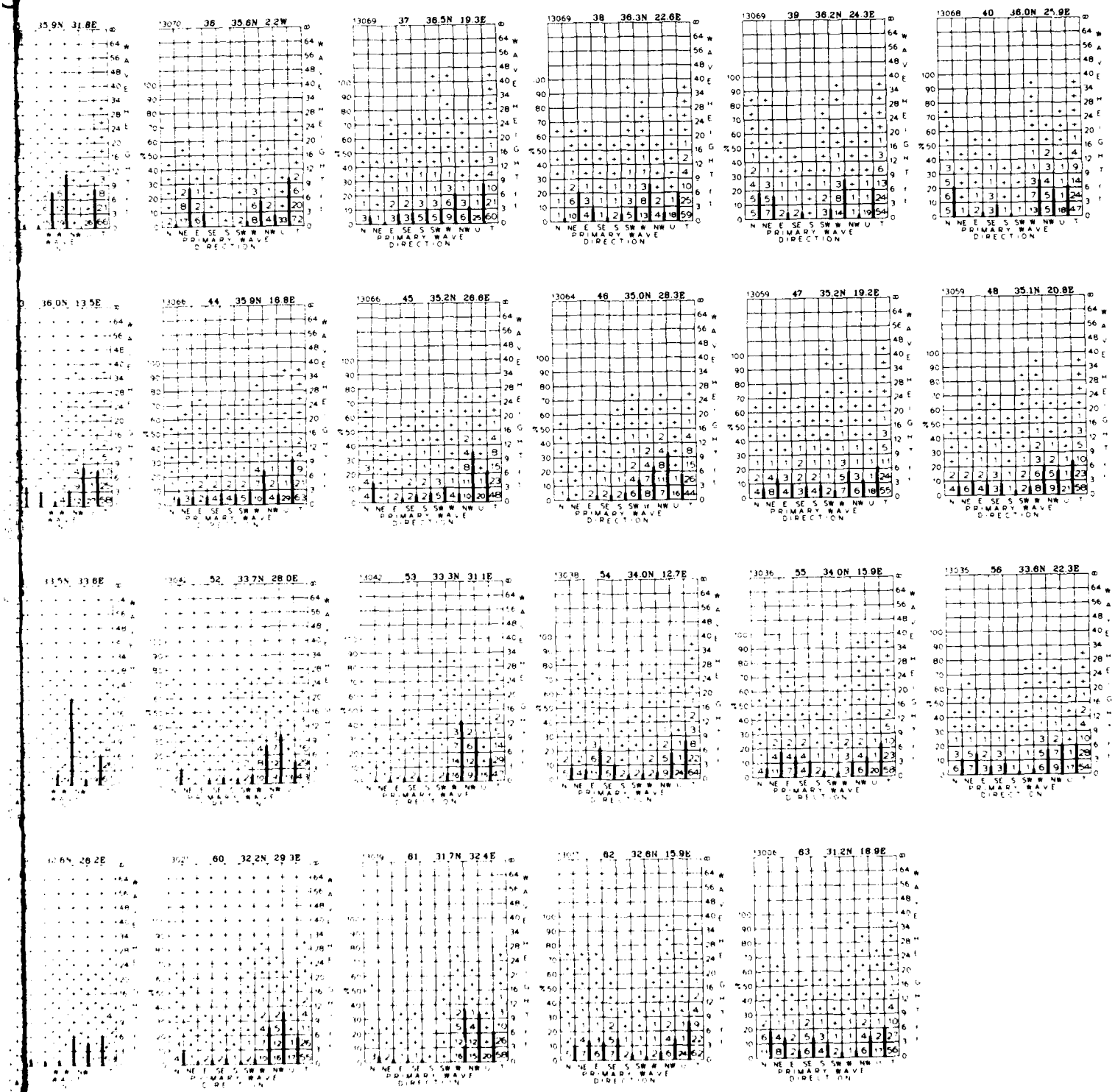


WAVE HEIGHT AND PRIMARY WAVE DIREC



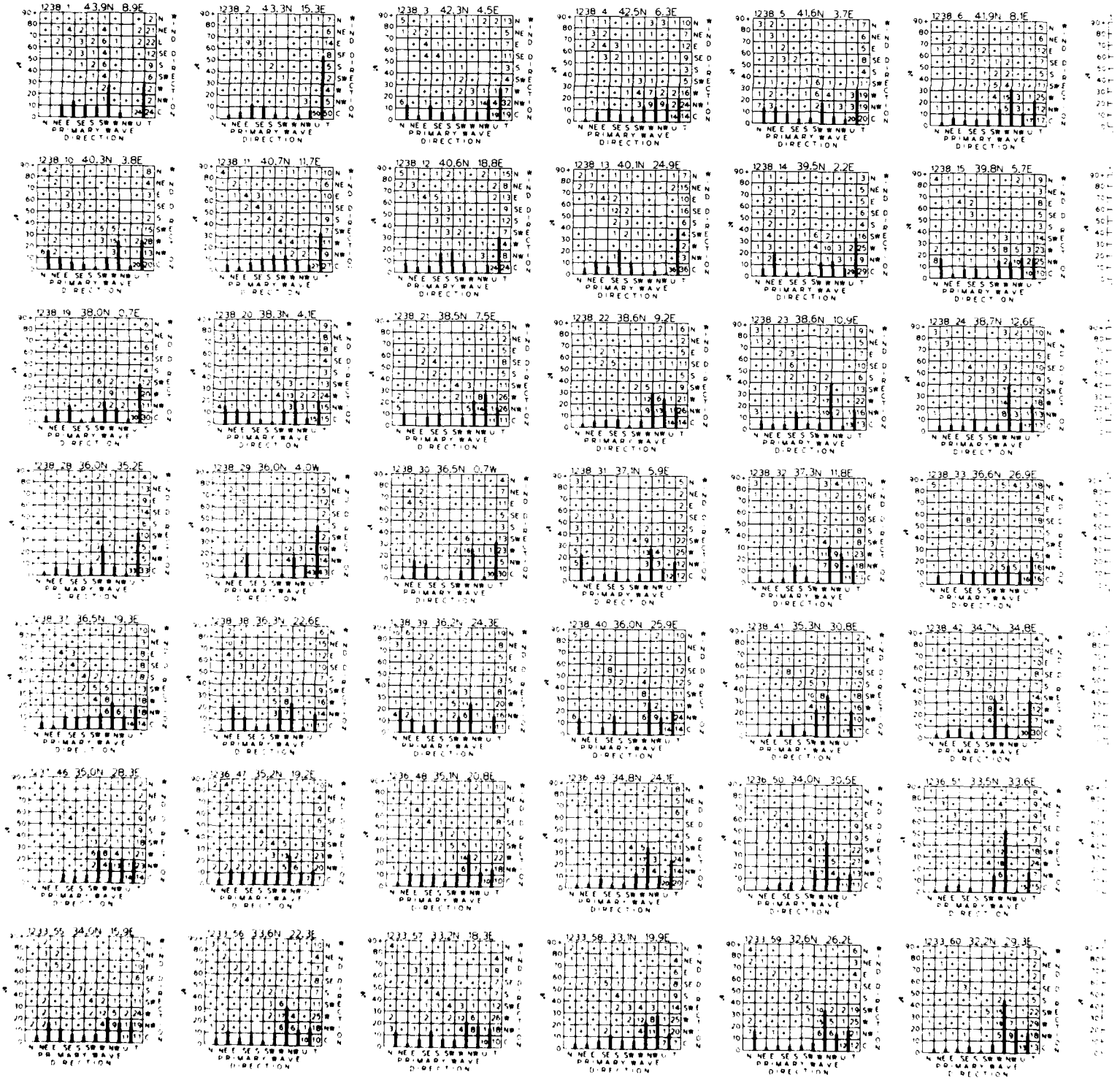
ARY WAVE DIRECTION (Cont'd)

ANNUAL

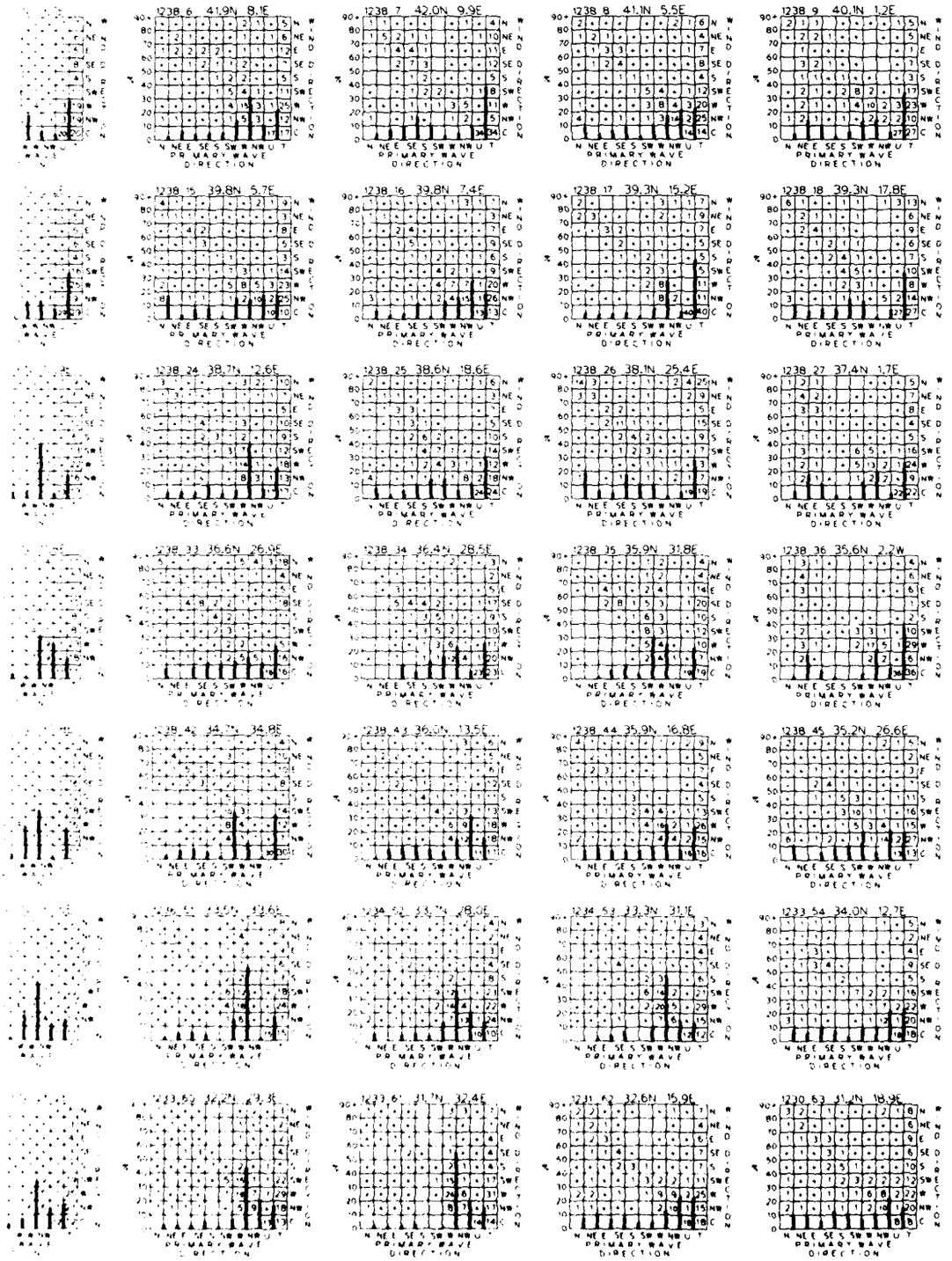


JANUARY

PRIMARY WAVE DIRECTI(

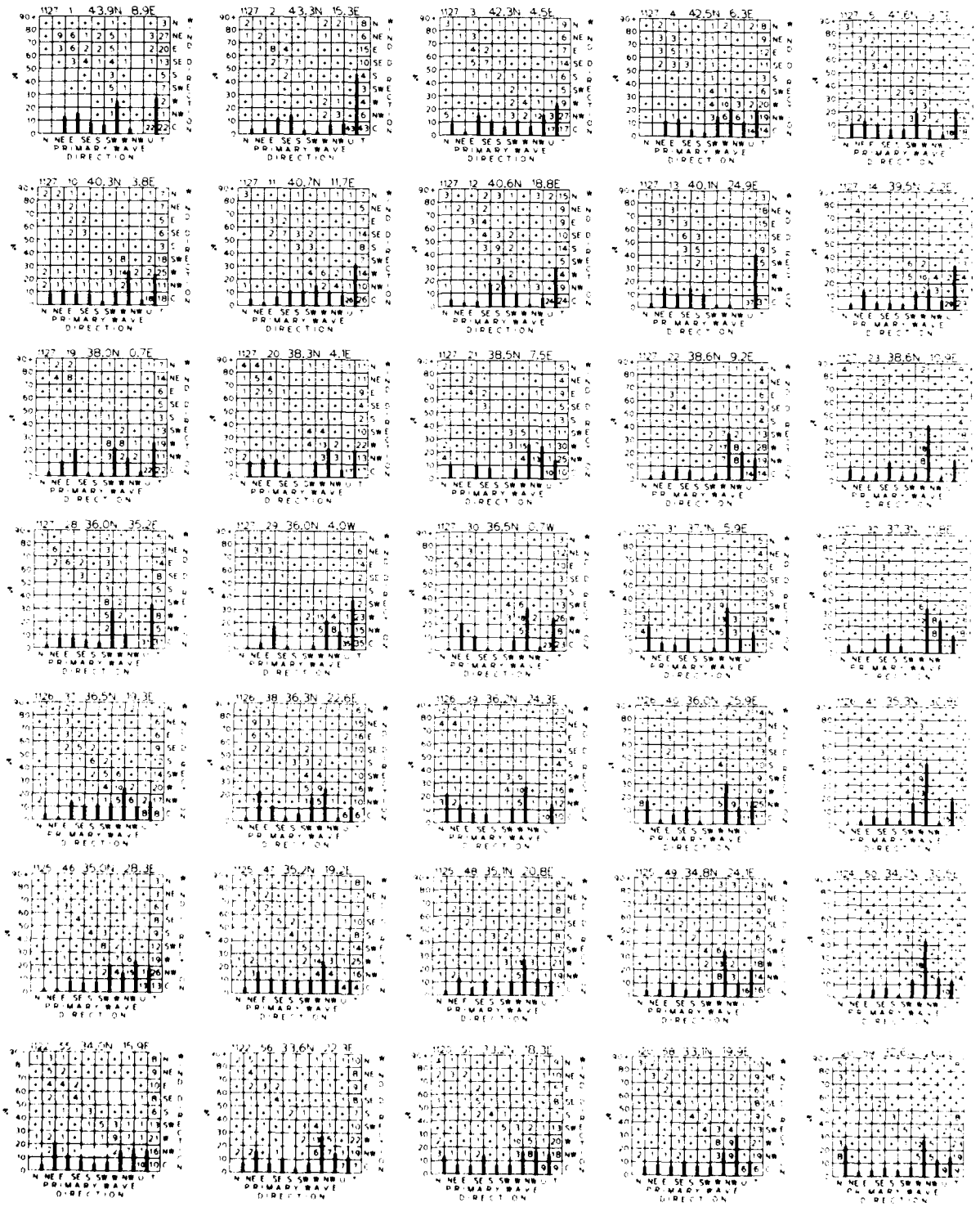


Y WAVE DIRECTION AND WIND DIRECTION

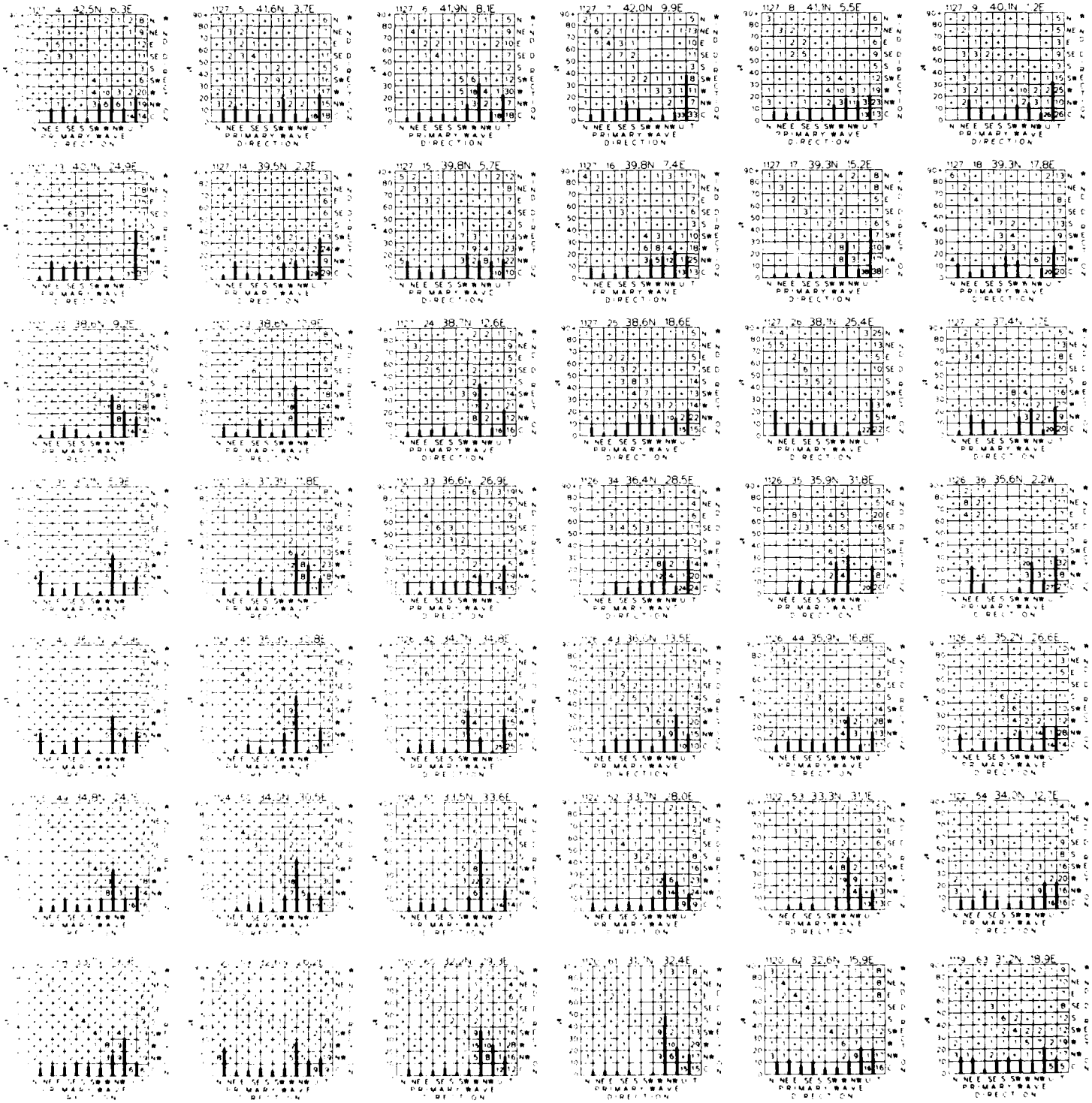


GCB

PRIMARY WAVE DIRECTION AND WIND DIREC

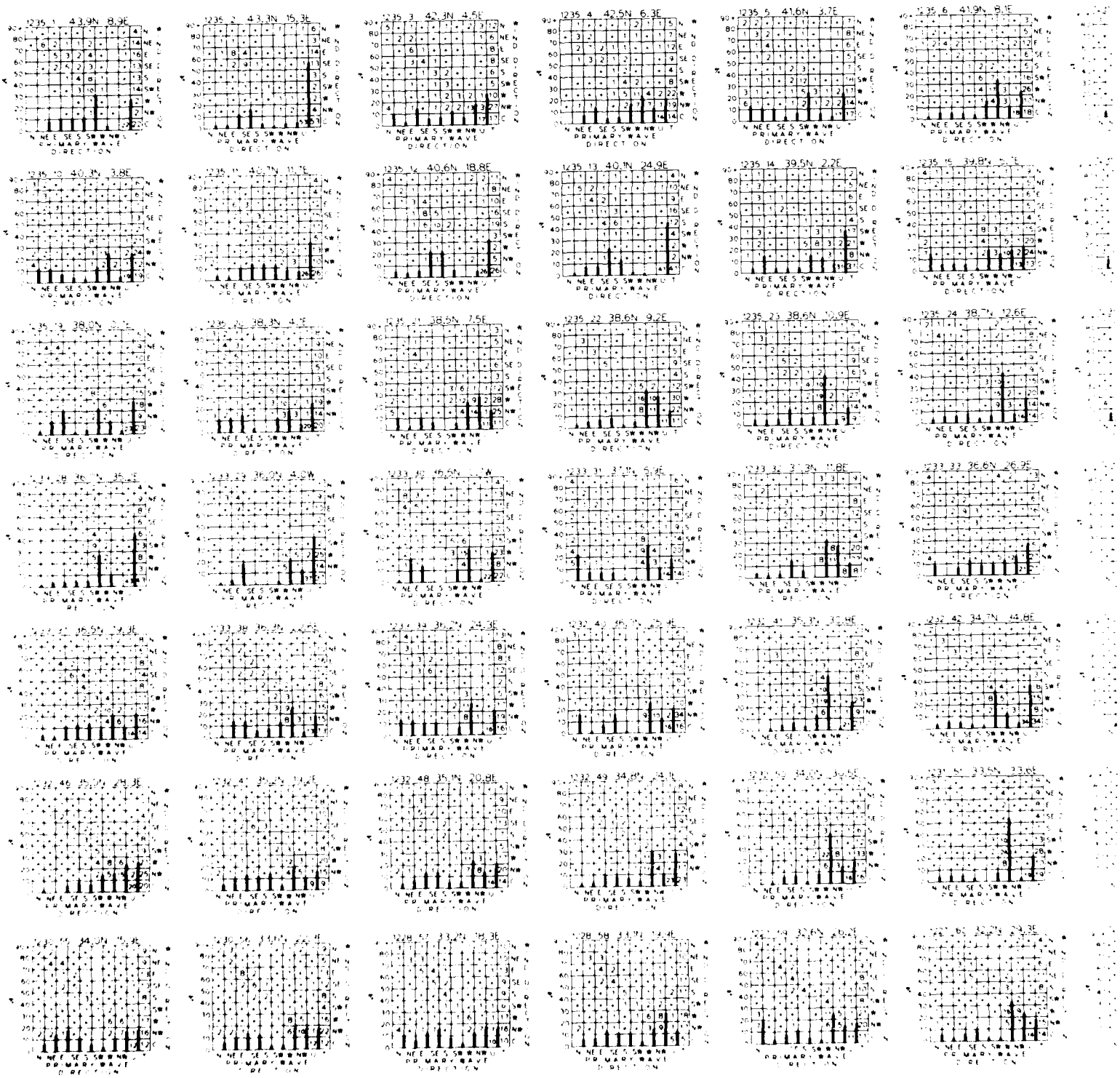


N AND WIND DIRECTION FEBRUARY

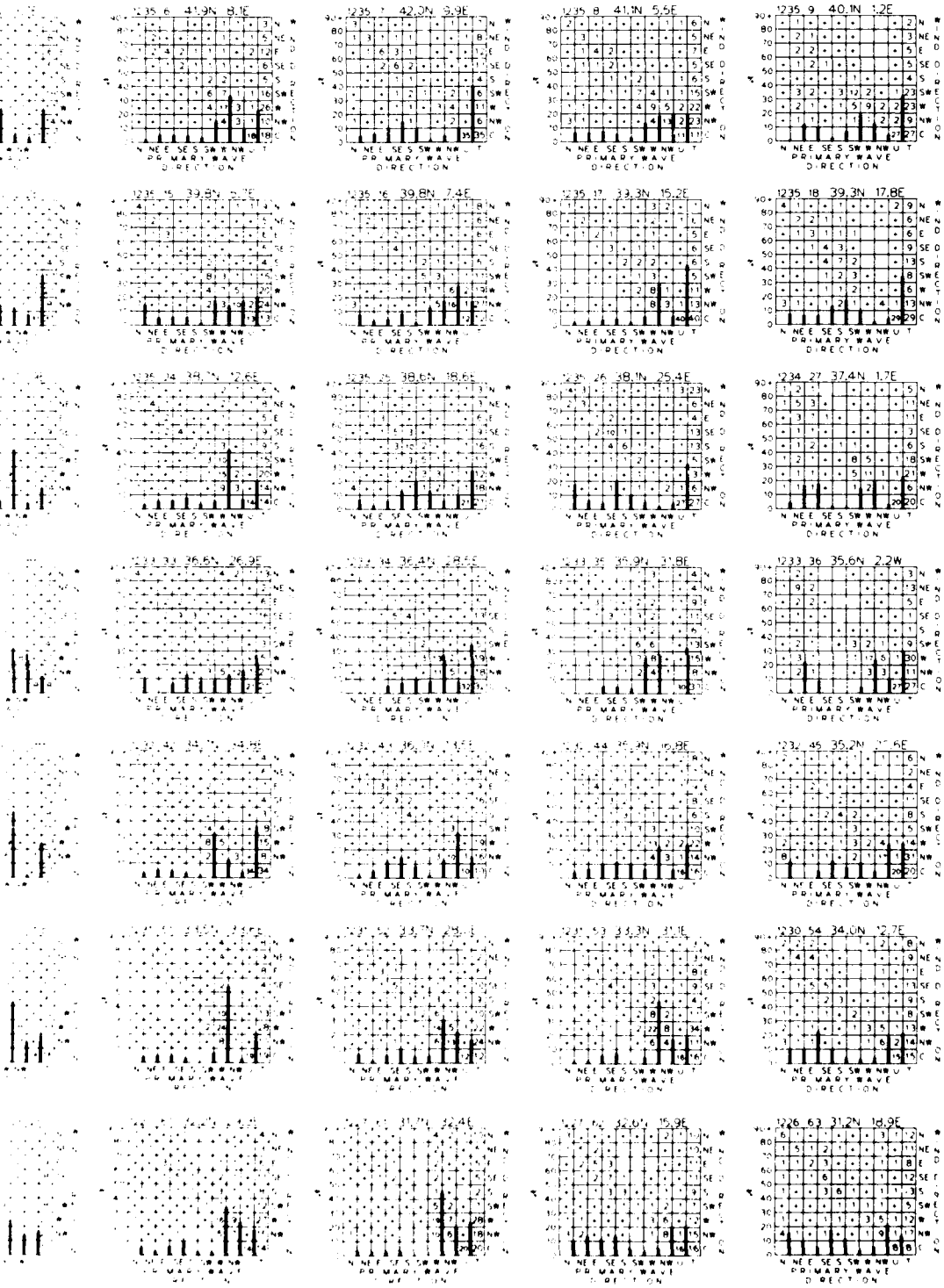


MARCH

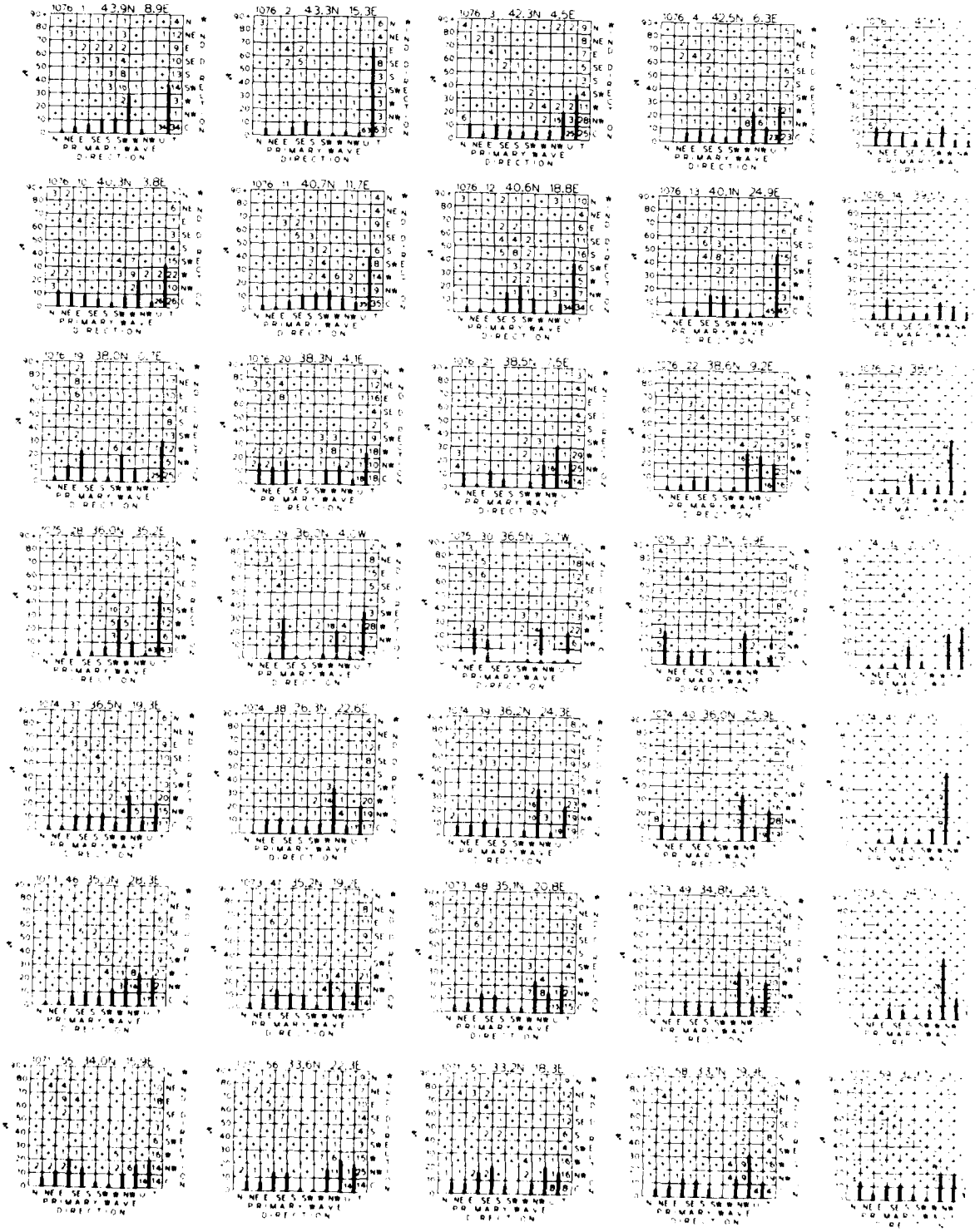
PRIMARY WAVE DIRECTIO

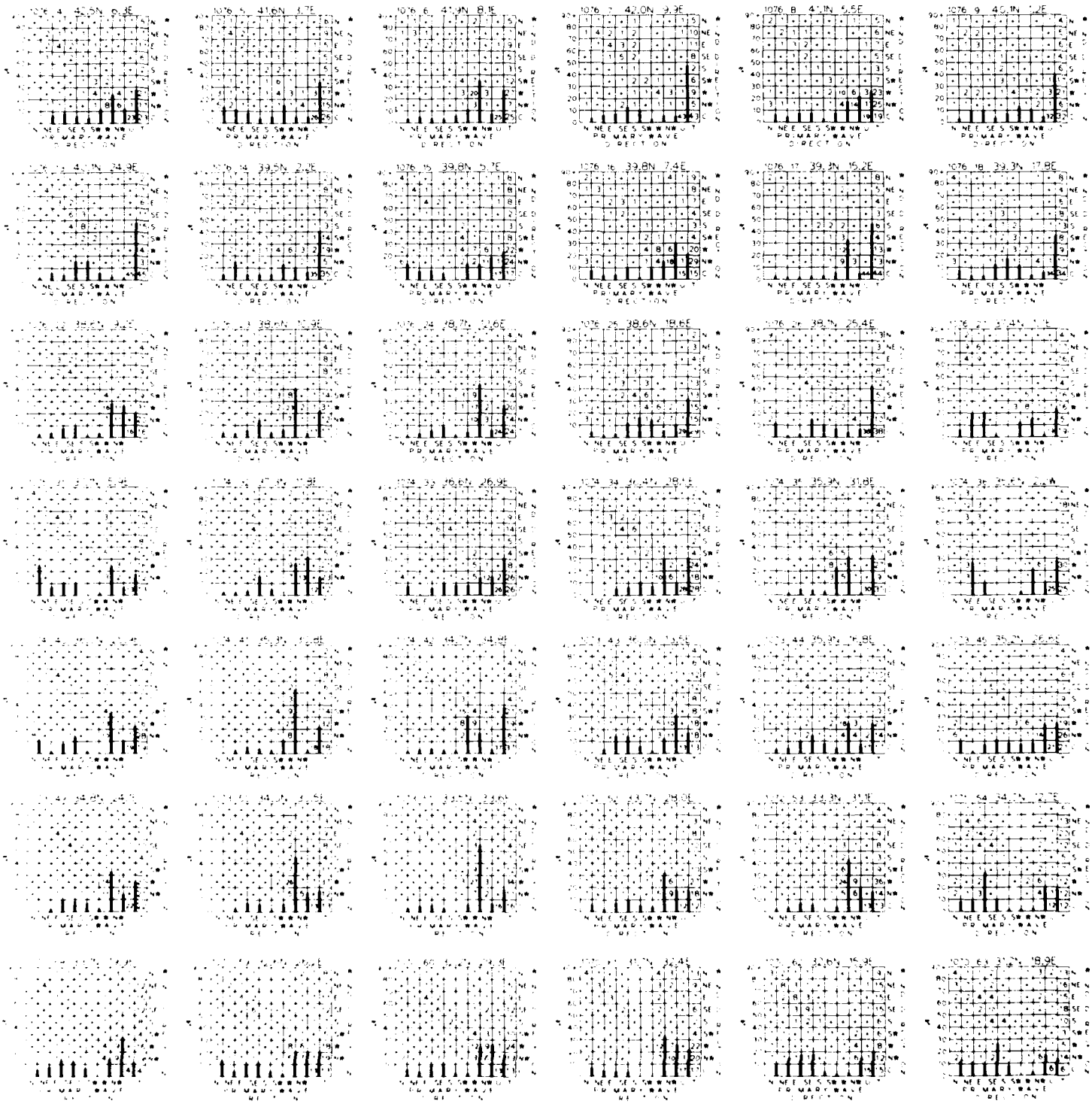


/ WAVE DIRECTION AND WIND DIRECTION



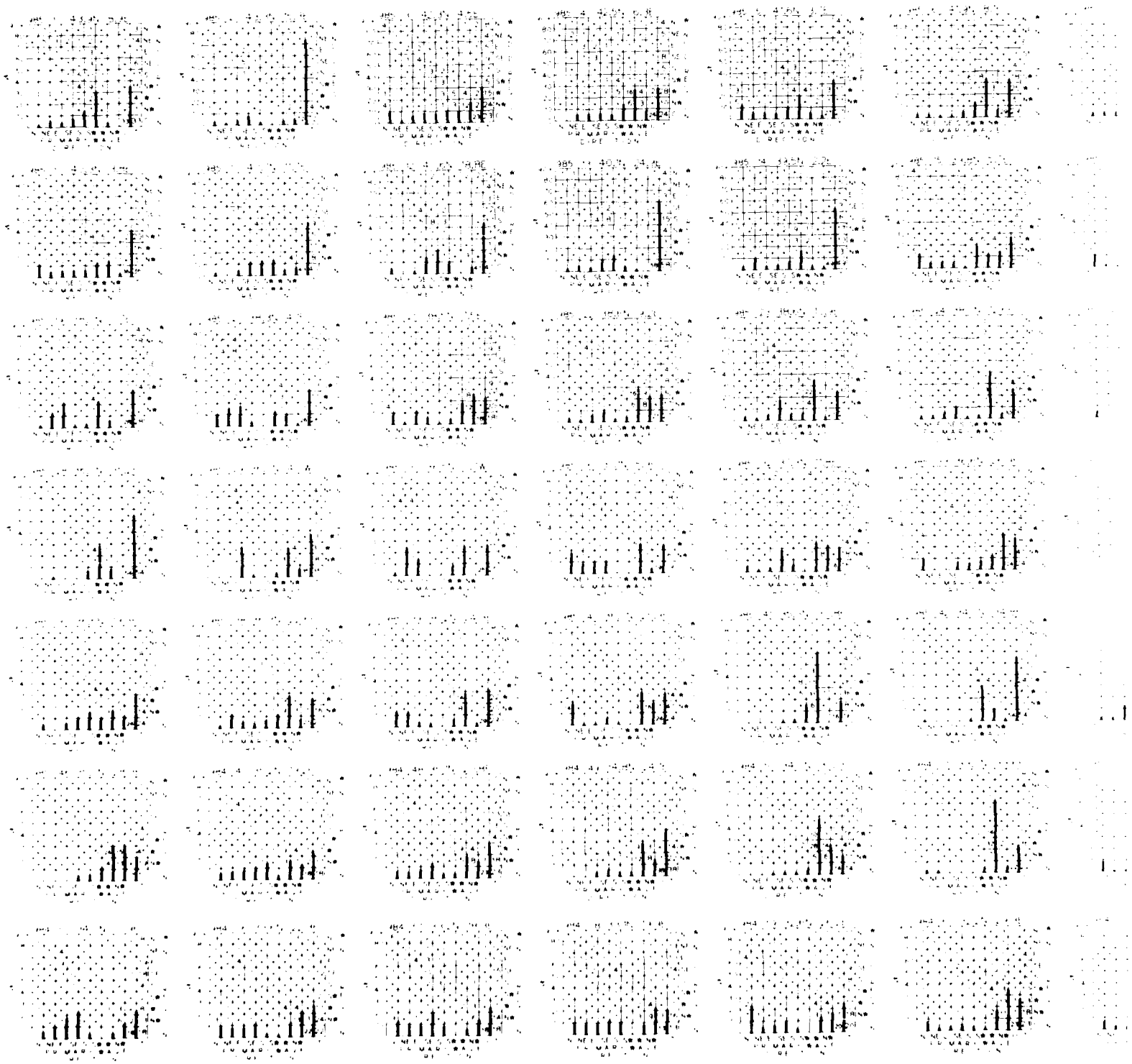
PRIMARY WAVE DIRECTION AND WIND DIRE



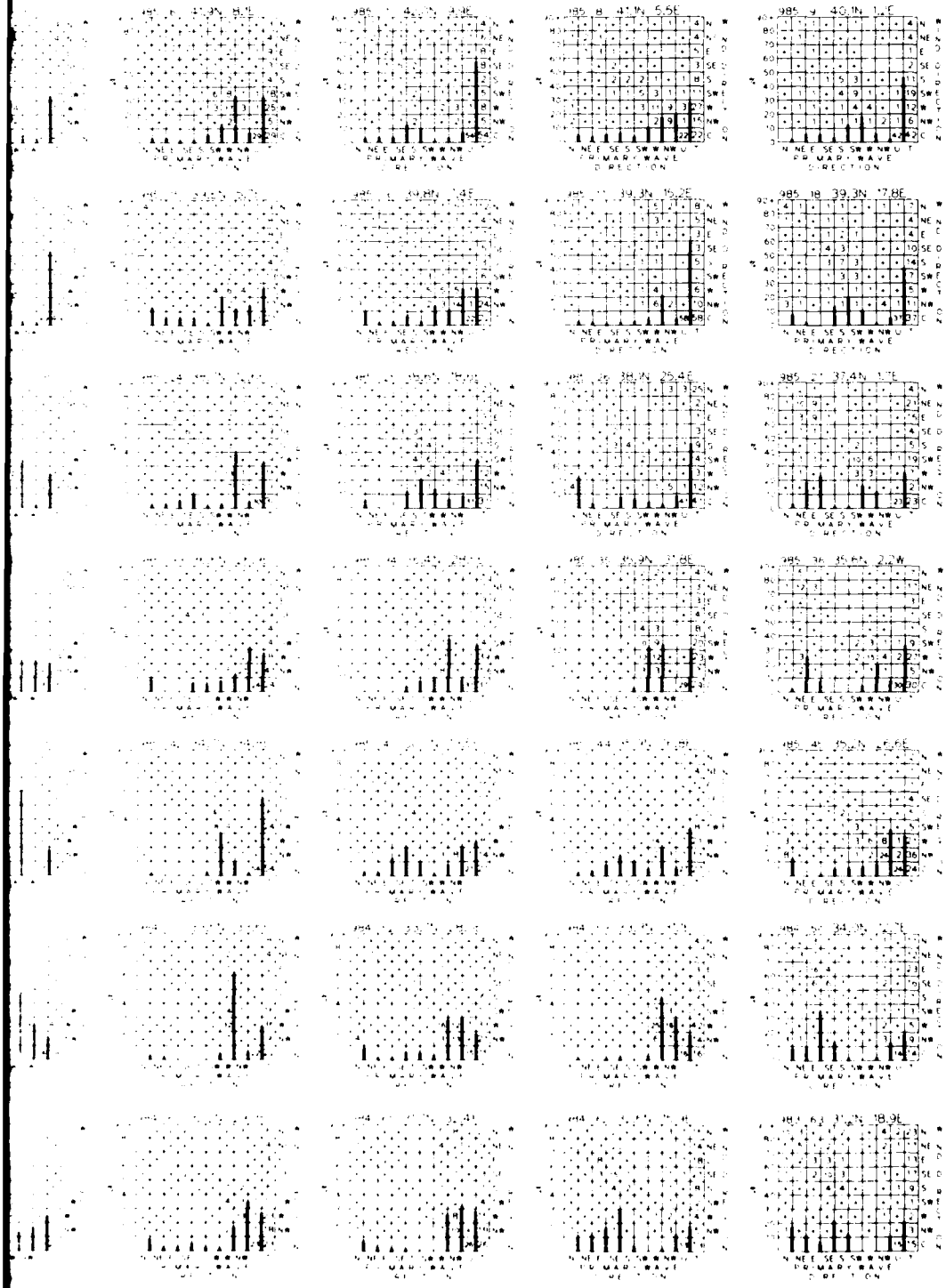


MAY

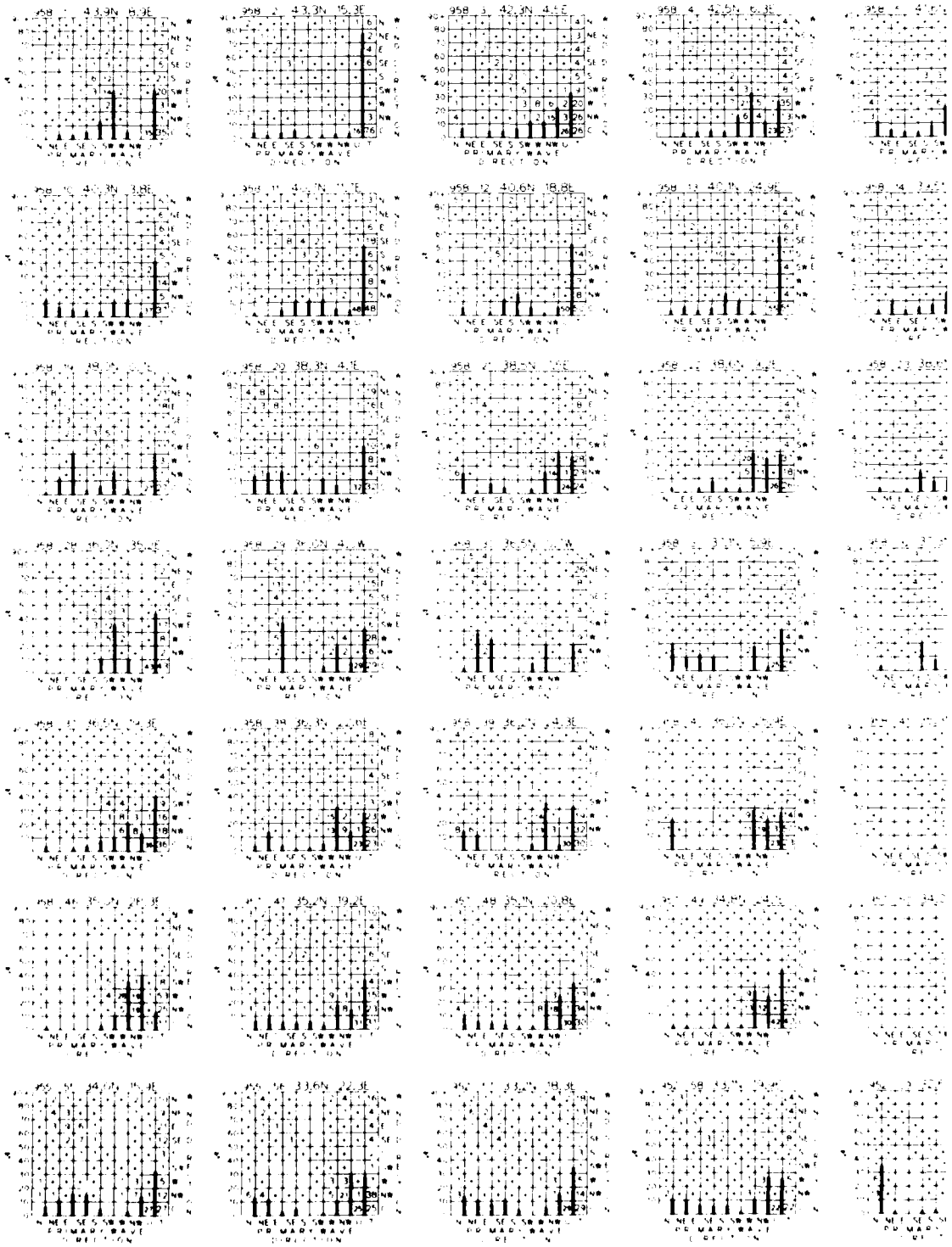
PRIMARY WAVE DIRECTION

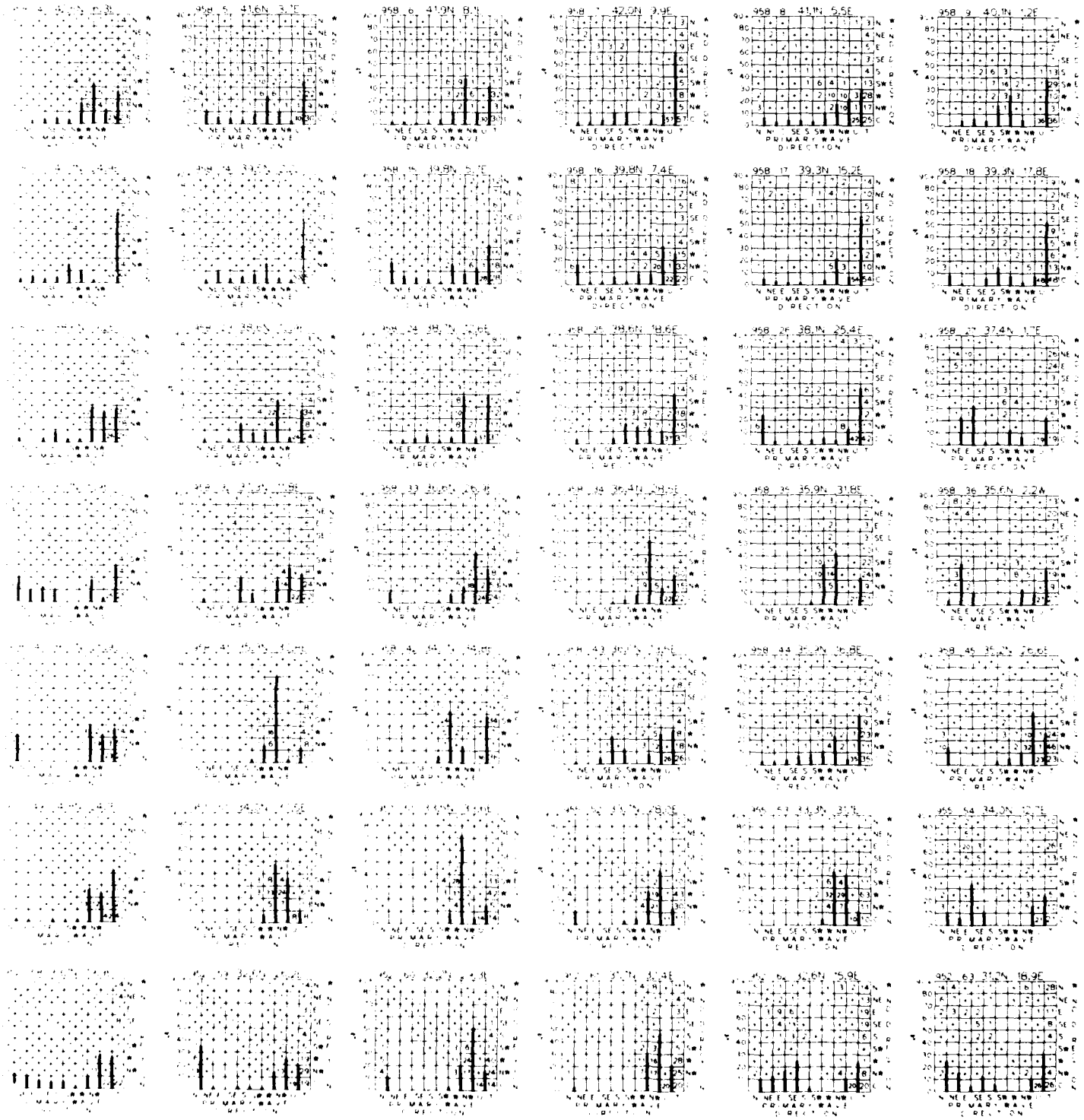


WAVE DIRECTION AND WIND DIRECTION



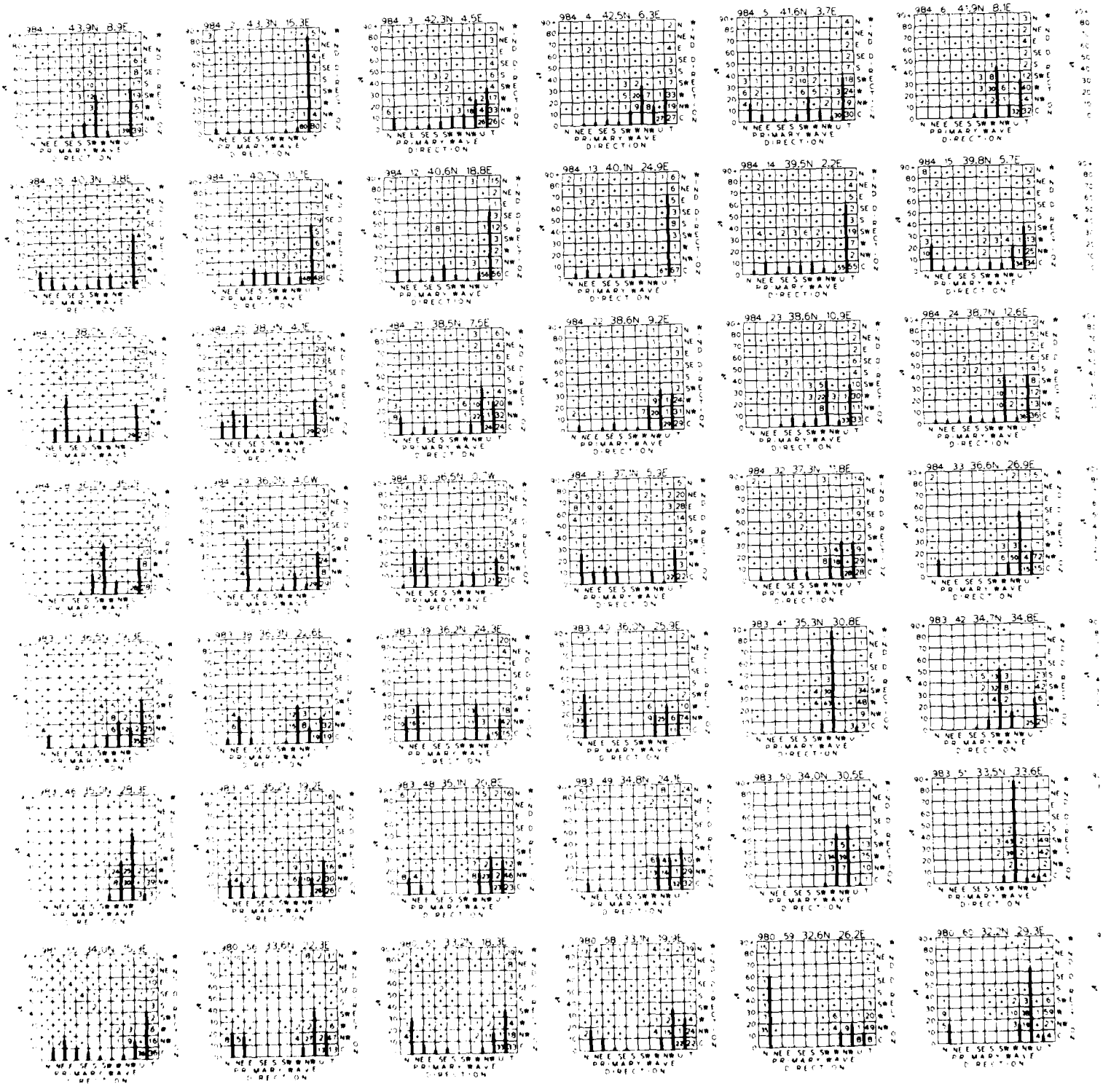
PRIMARY WAVE DIRECTION AND WIND DIR



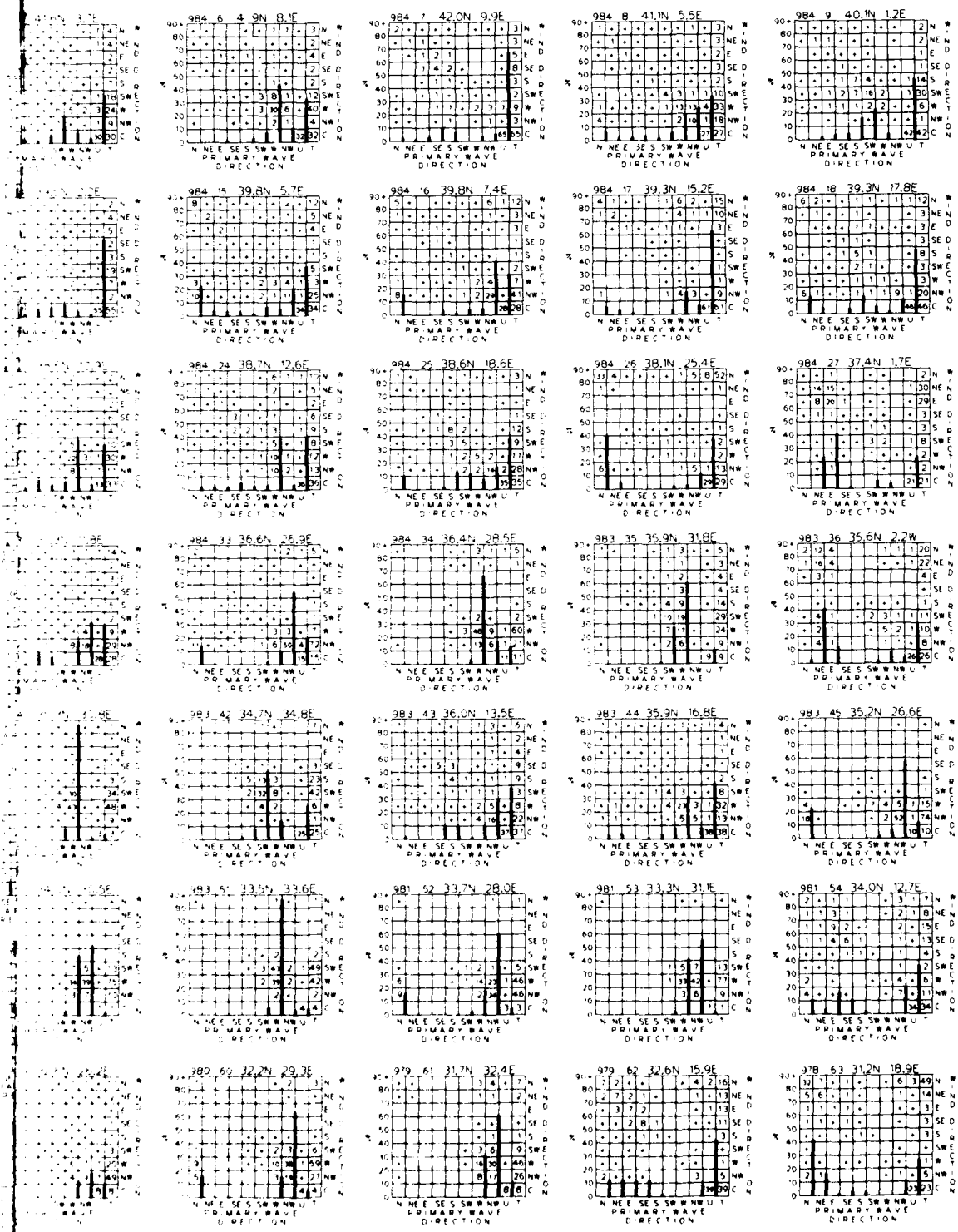


JULY

PRIMARY WAVE DIRECTI

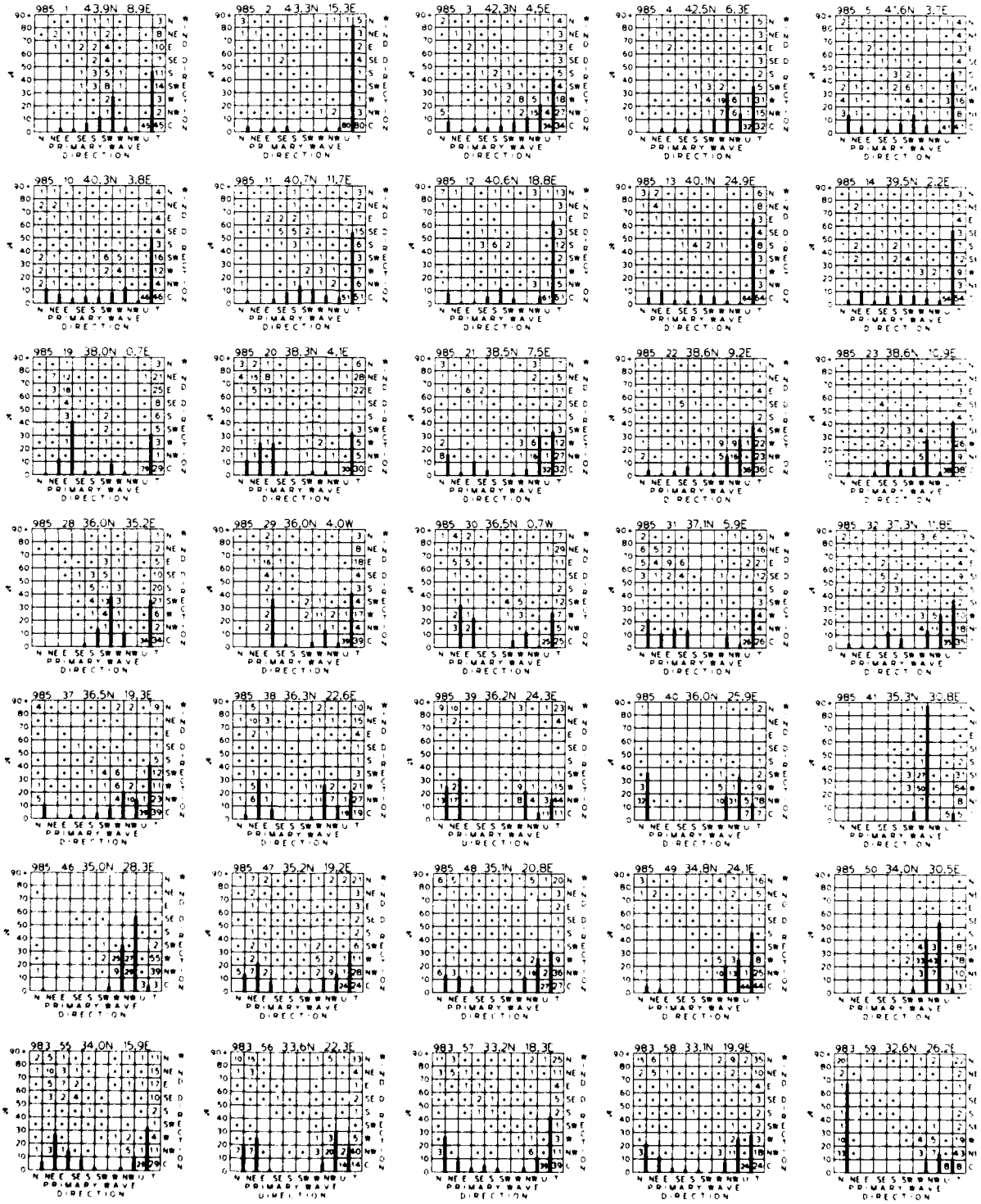


RY WAVE DIRECTION AND WIND DIRECTION



202 P

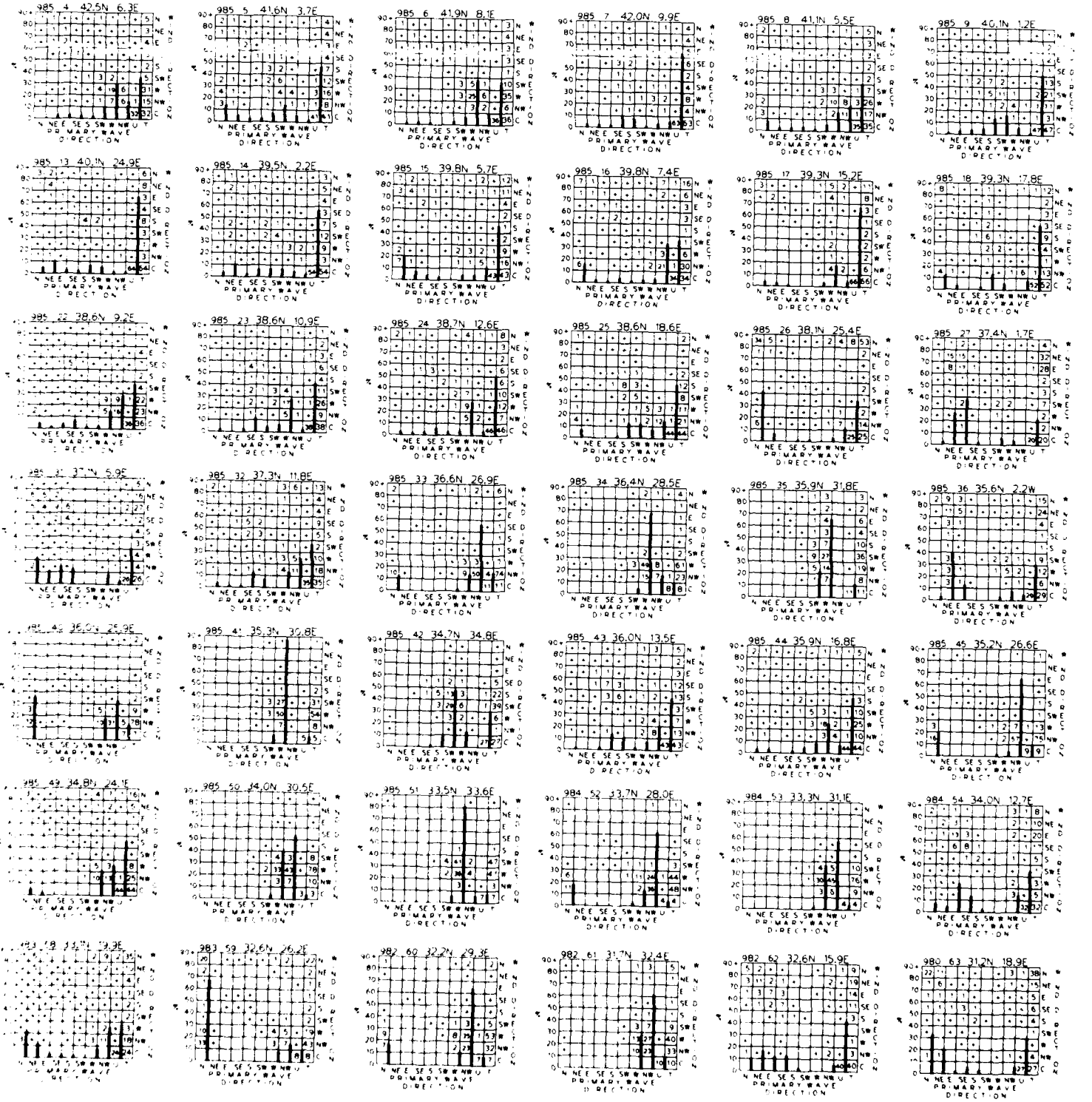
PRIMARY WAVE DIRECTION AND WIND DIREC



202 A

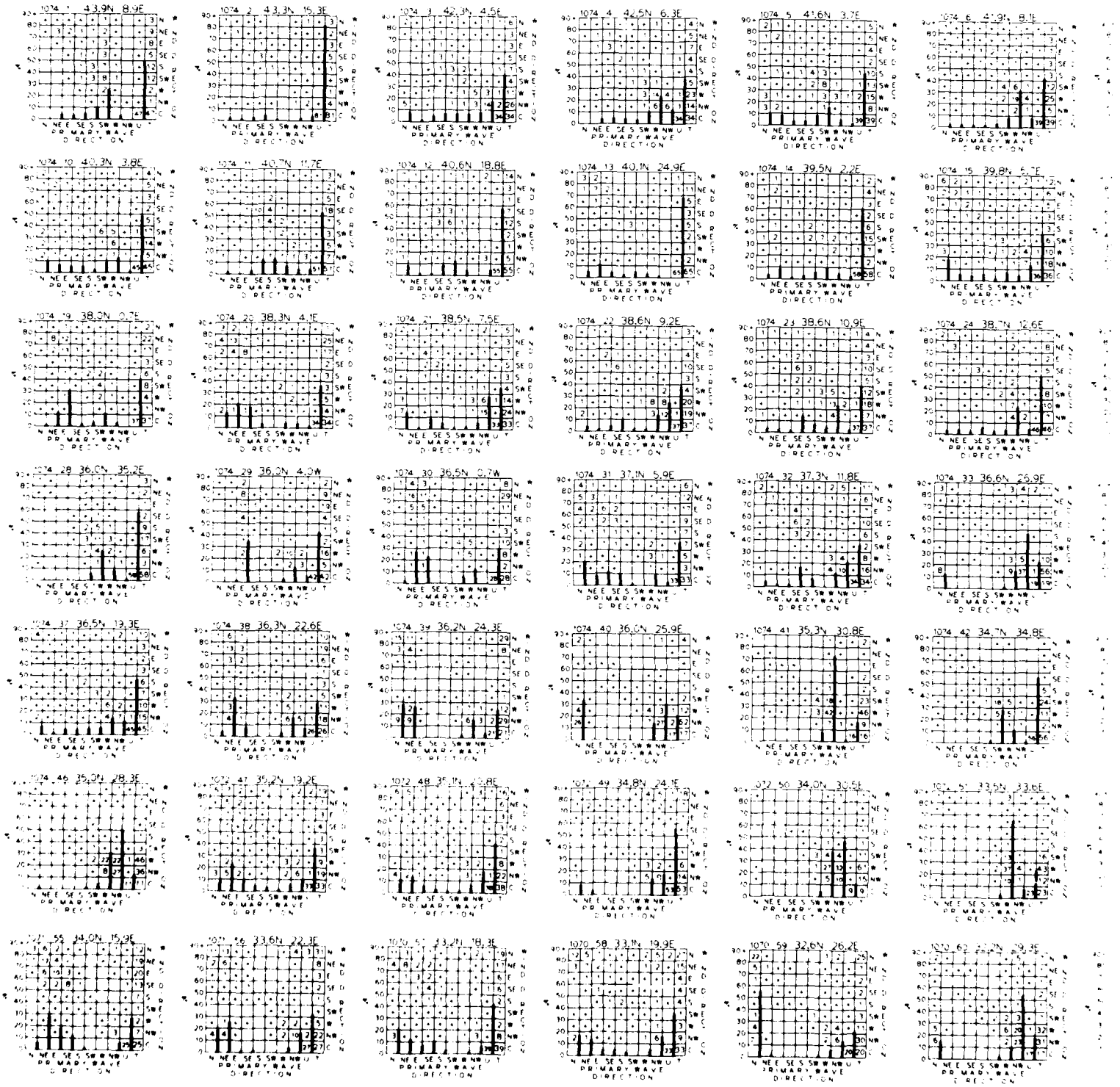
)N AND WIND DIRECTION

AUGUST

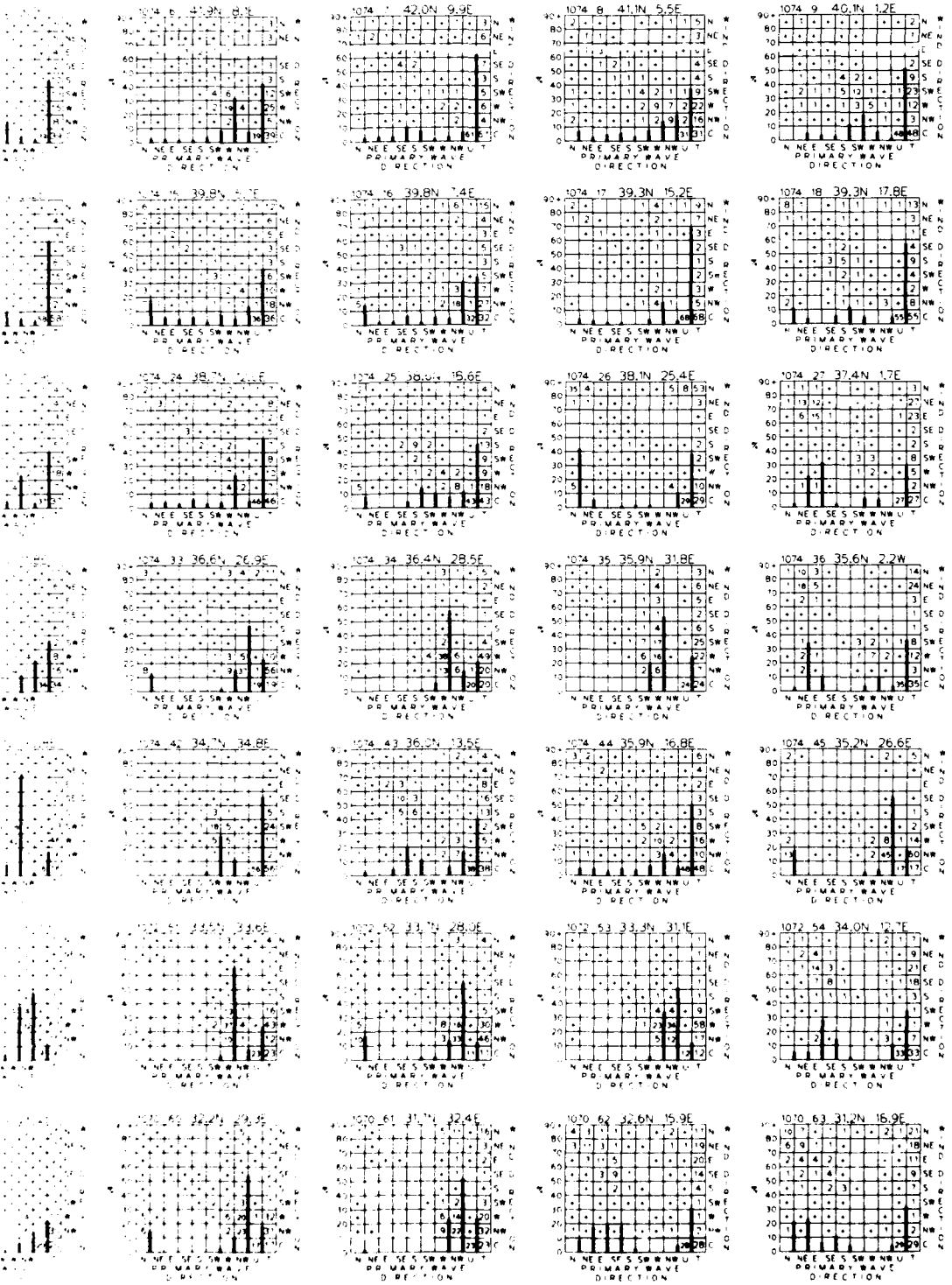


SEPTEMBER

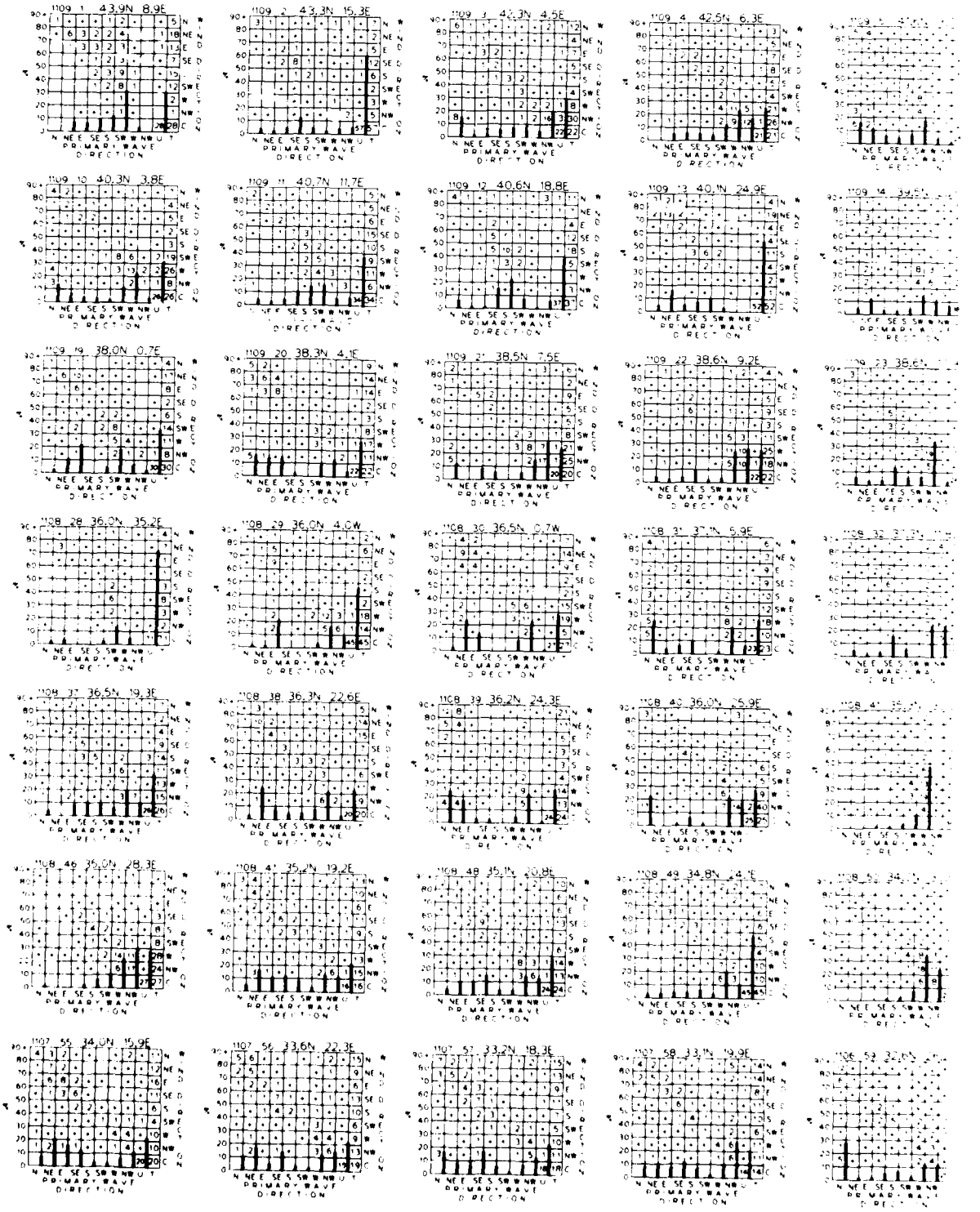
PRIMARY WAVE DIRECTI

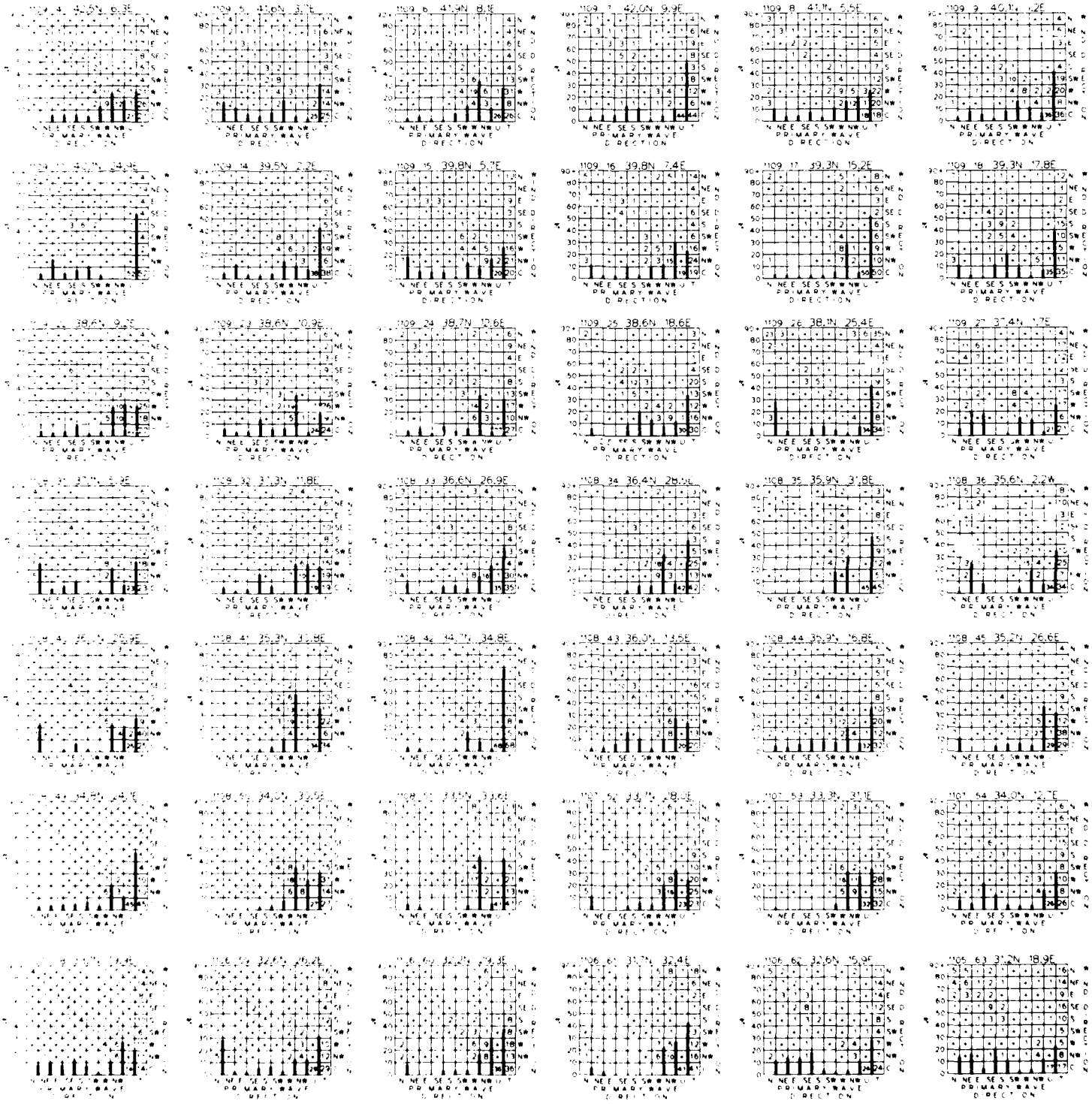


/ WAVE DIRECTION AND WIND DIRECTION



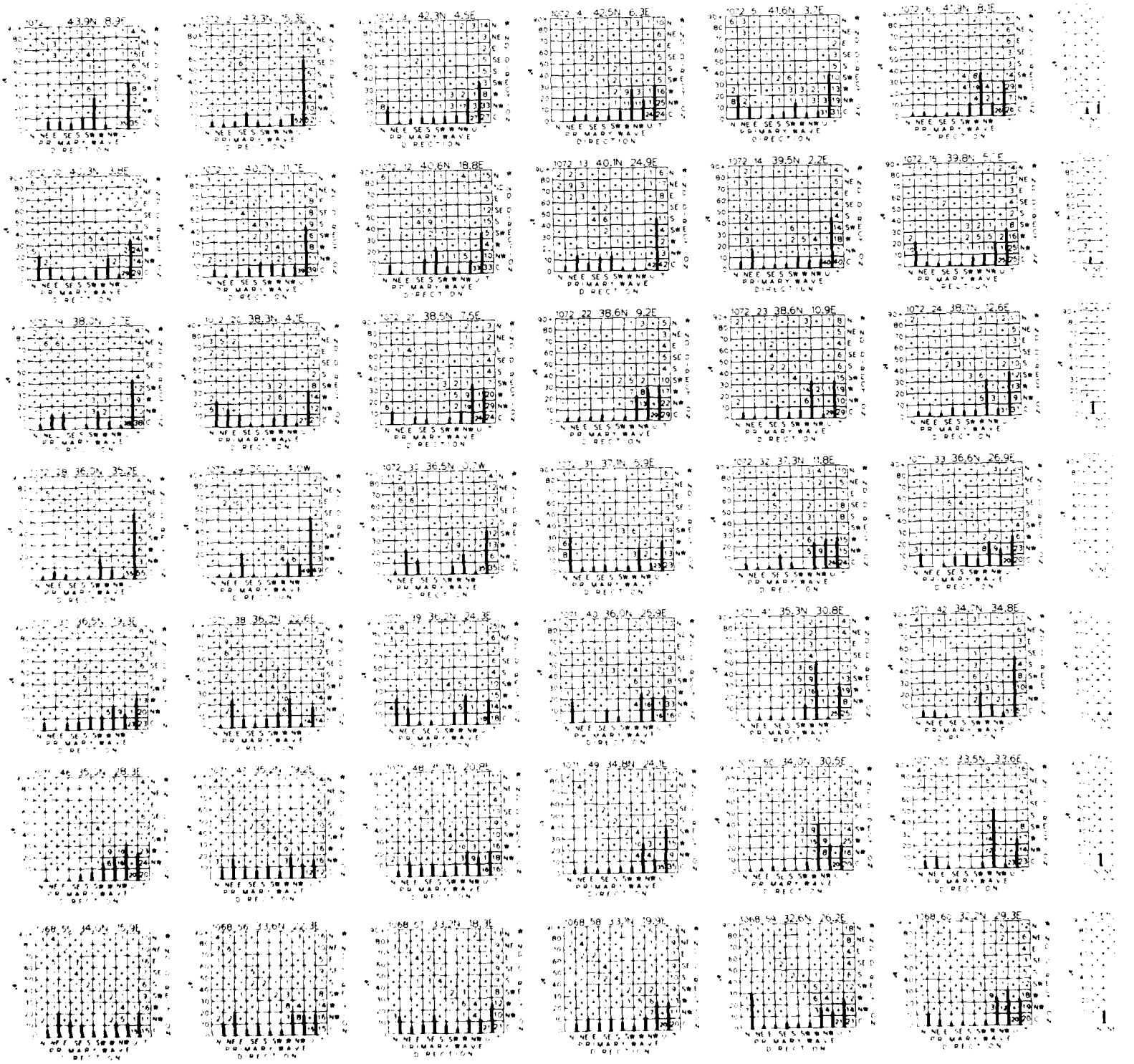
PRIMARY WAVE DIRECTION AND WIND DIRE



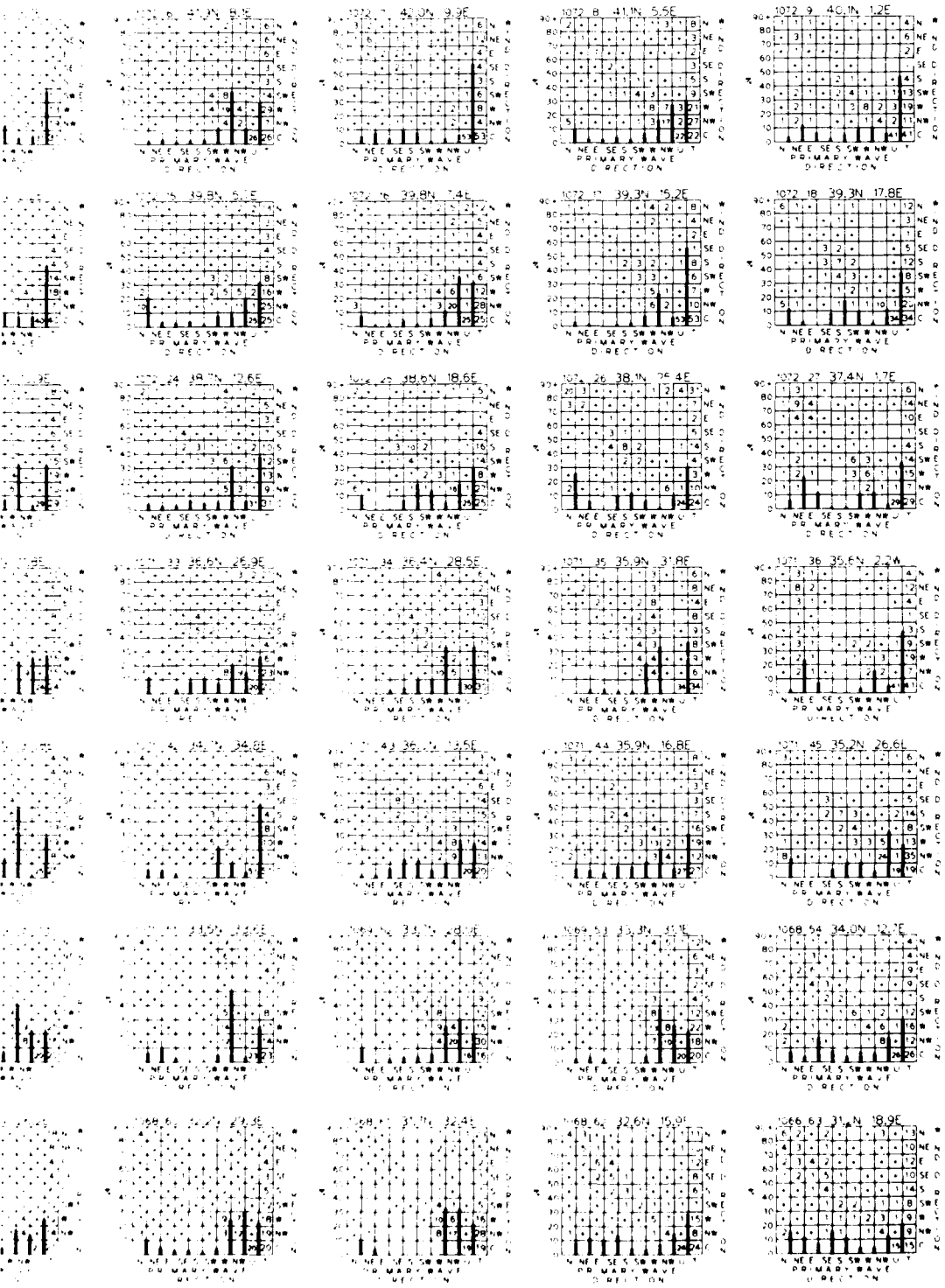


NOVEMBER

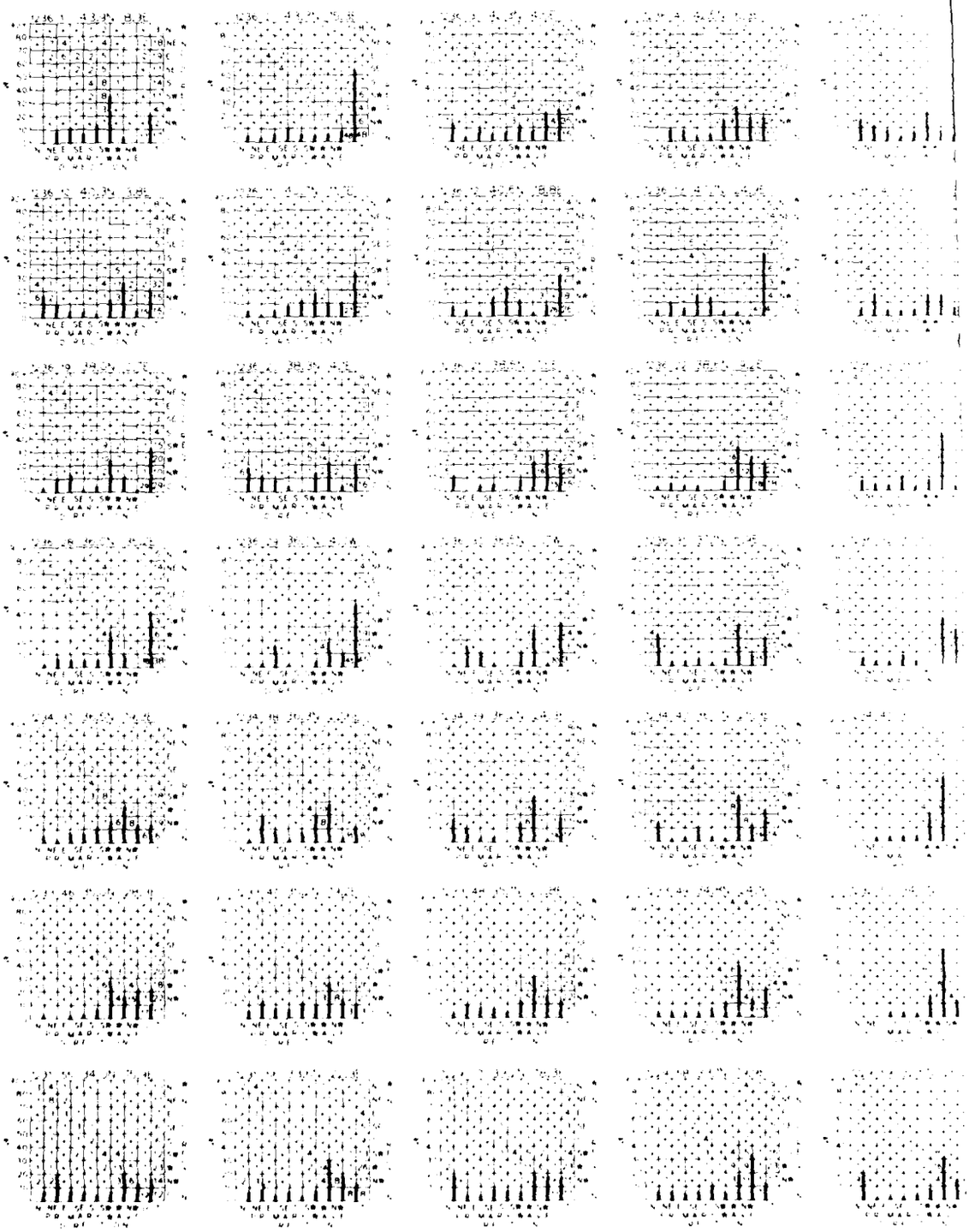
PRIMARY WAVE DIRECTION



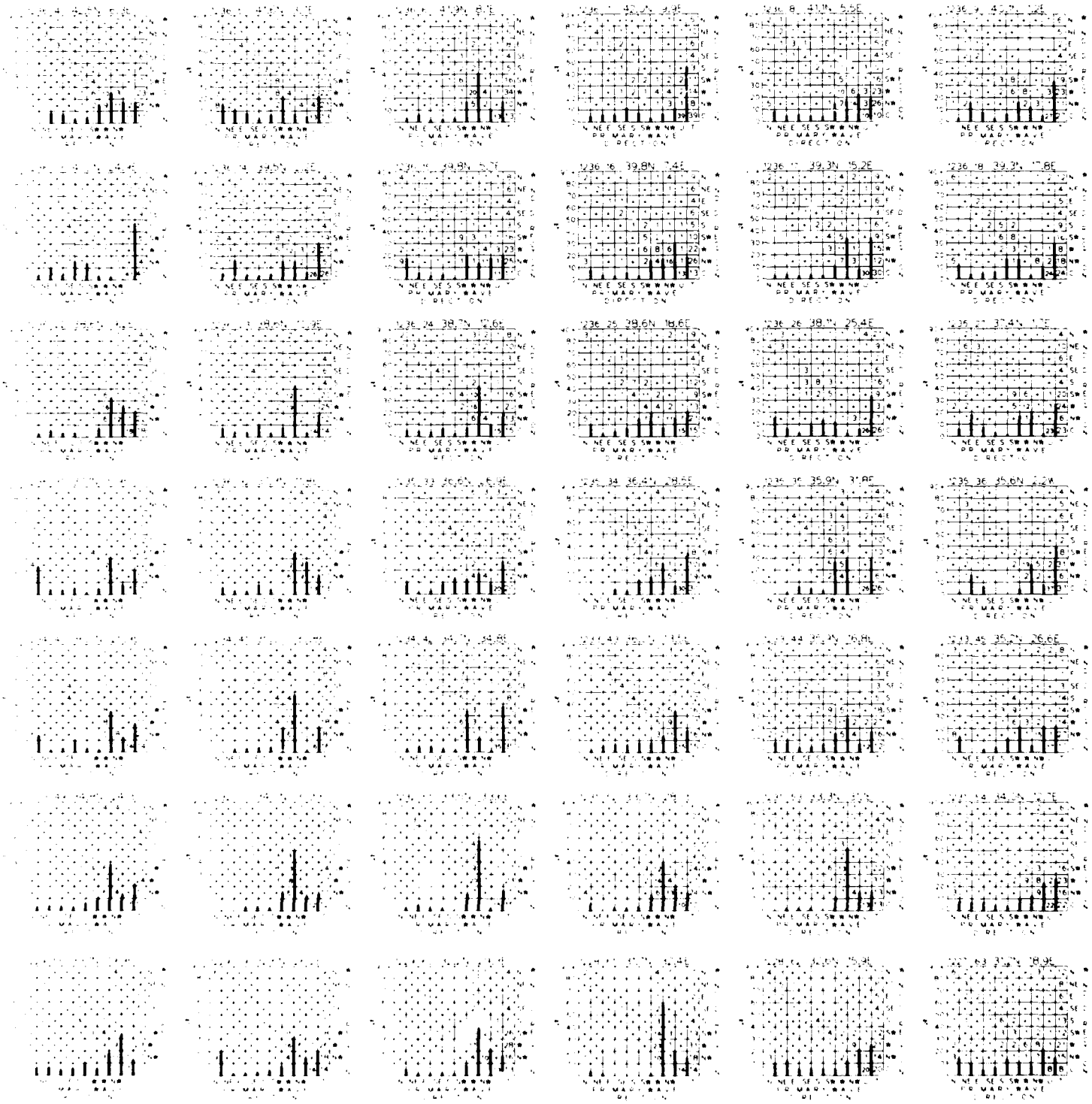
WAVE DIRECTION AND WIND DIRECTION



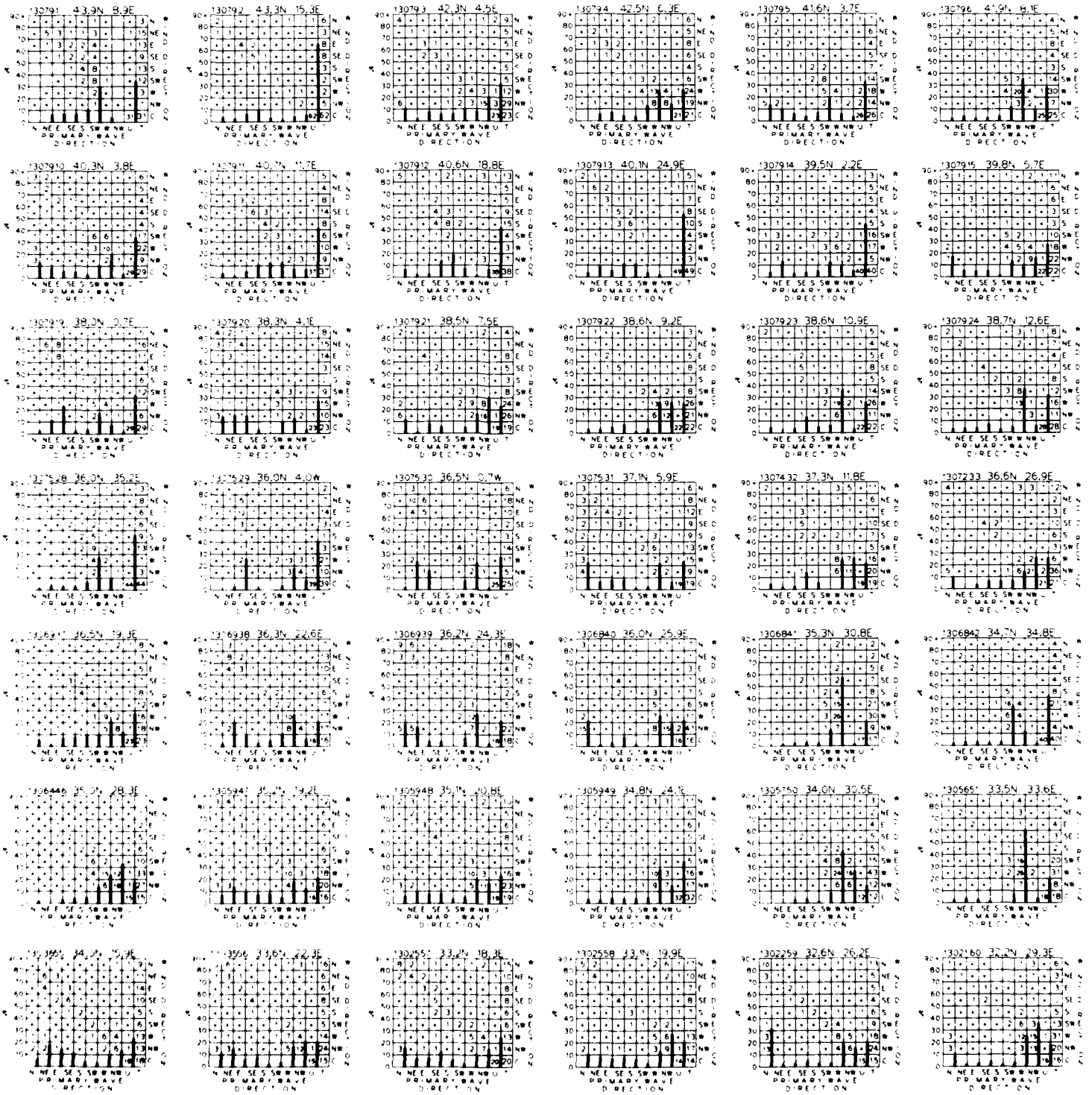
PRIMARY WAVE DIRECTION AND WIND DIRE



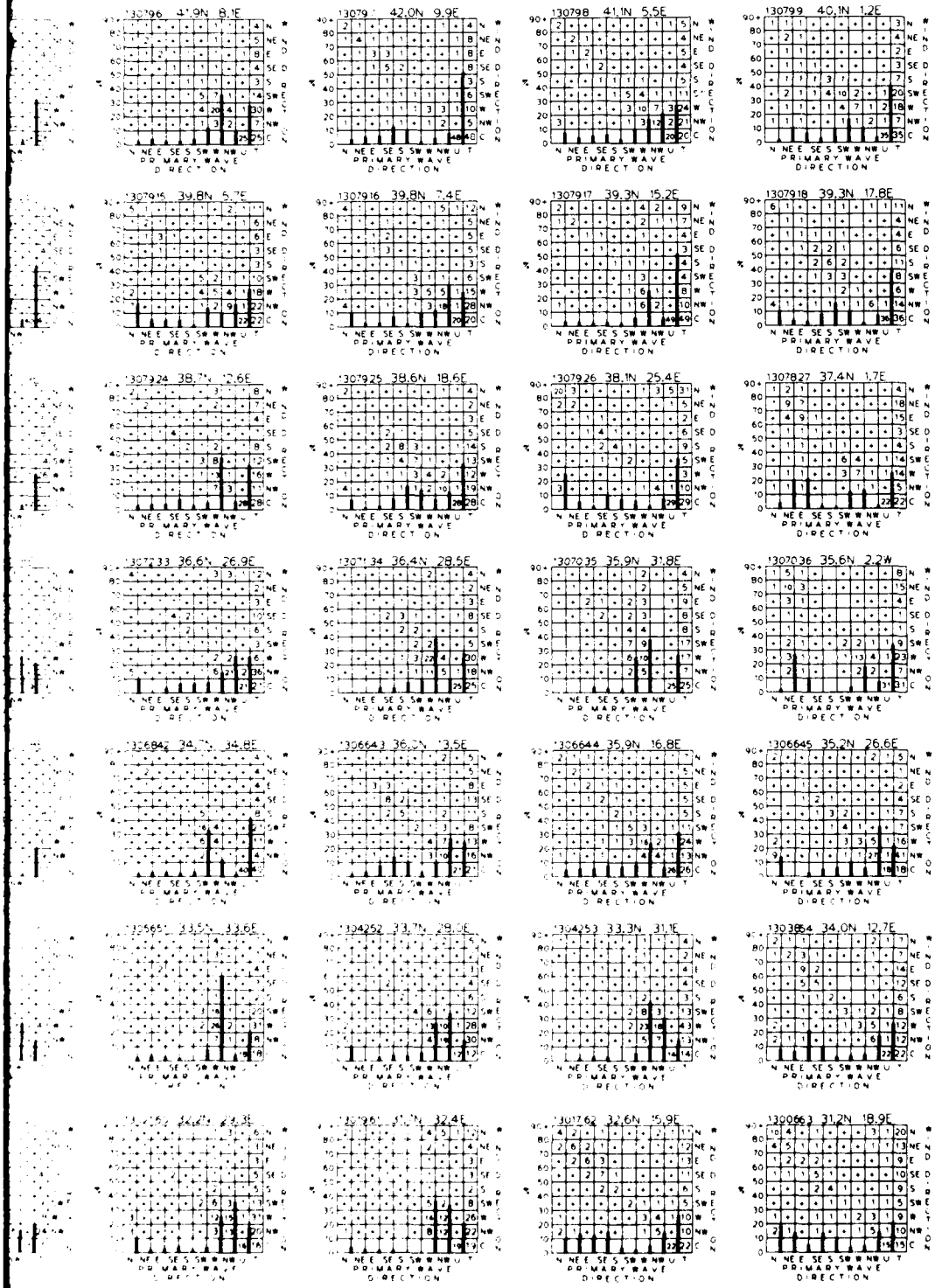
AND WIND DIRECTION DECEMBER



ANNUAL PRIMARY WAVE DIREC



WAVE DIRECTION AND WIND DIRECTION



WIND SPEED DURATIONS

1 — 43.9N 8.9E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48	1																6-1	1	1	1	3600
≥41	7	2															12-2	9	11	11	3600
≥34	7	3	4				1										42-1	15	32	32	3600
≥28	25	4	2	3	2	2	1	1									48-1	40	88	88	3600
≥22	49	21	7	2	3	1	3	1	1	2		1	1				78-1	92	224	224	3600
≥17	82	42	15	7	7	7	1	3	3	1	1	2	1			3	156-1	175	496	496	3601
≥11	146	59	39	23	24	11	6	6	4	4	4	3	1	2		8	240-1	340	1141	1142	3602
≥7	132	79	49	29	23	13	12	9	19	7	7	6	3	5	3	21	324-1	417	1945	1975	3610
≥4	70	46	34	25	17	17	13	8	12	8	8	10	7	6	5	47	324-1	333	2516	2593	3622

HOURS DURATION OF EVENTS

4 — 42.5N 6.3E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48	1																6-1	1	1	1	3600
≥41	5																6-5	5	5	5	3600
≥34	28	5	1														18-1	34	41	41	3600
≥28	73	28	4	2	1	2											36-2	110	166	166	3600
≥22	86	24	30	15	5	8	4	1	1						1		90-1	175	417	417	3600
≥17	119	45	45	19	20	9	7	9	3	5	3					3	138-1	287	871	871	3603
≥11	108	62	40	24	21	21	11	11	10	13	5	3	6	4	3	19	174-2	361	1745	1767	3612
≥7	89	41	26	20	25	16	18	13	7	10	5	4	9	4	10	43	342-1	340	2484	2534	3647
≥4	54	25	10	11	11	8	9	4	7	4	5	4	2	4	5	70	954-1	233	2965	3028	3672

HOURS DURATION OF EVENTS

7 — 42.0N 9.9E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48																					3600
≥41	4																6-4	4	4	4	3600
≥34	12	1	1			1											36-1	15	23	23	3600
≥28	29	8	2		3		1										42-1	43	73	73	3601
≥22	58	19	10	2	5		3			1					1		90-1	99	205	205	3607
≥17	89	36	18	9	7	3	3	2	1	2	2	1	1			1	114-1	175	436	436	3608
≥11	111	62	39	24	21	14	7	6	5	2	2	3	2	2	2	7	150-1	309	1076	1079	3609
≥7	89	58	40	30	30	16	16	10	16	10	8	2	6	4	3	19	198-1	357	1816	1838	3612
≥4	87	48	31	27	16	15	17	14	11	10	7	7	10	7	2	39	198-1	348	2220	2251	3615

HOURS DURATION OF EVENTS

10 — 40.3N 3.8E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48																					3600
≥41																					3600
≥34	8																6-8	8	8	8	3600
≥28	27	5															12-5	32	37	37	3600
≥22	75	21	12	3		1											36-1	112	171	171	3600
≥17	122	54	18	5	9	2	3	4	3	2							60-2	222	461	463	3603
≥11	164	62	64	23	22	10	10	8	5	5	8	7	3	1		6	162-1	398	1314	1338	3611
≥7	104	80	57	34	32	14	10	14	11	11	12	7	5	4	8	23	300-1	426	2172	2221	3637
≥4	67	41	22	15	13	19	6	6	8	6	7	3	11	8	5	60	522-1	297	2719	2823	3684

HOURS DURATION OF EVENTS

13 — 40.1N 24.9E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48																					3600
≥41	1		1														18-1	2	4	4	3600
≥34	5	3		1	1												30-1	10	20	20	3600
≥28	22	9		2		2	1										42-1	36	67	67	3600
≥22	51	20	11	2	4	2	2		1			1	1				78-1	95	212	212	3600
≥17	62	31	17	11	12	10	6	3	1	2				1	1	2	156-1	159	511	511	3601
≥11	122	46	38	20	10	12	5	12	7	4	3	5	3	2	1	10	234-1	300	1174	1177	3613
≥7	115	60	39	21	23	11	10	13	6	9	10	9	5	1	3	19	372-1	354	1780	1799	3618
≥4	104	49	38	21	14	13	8	20	12	3	10	6	1	7	4	34	378-1	350	2155	2181	3637

HOURS DURATION OF EVENTS

16 — 39.8N 7.4E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48	1																6-1	1	1	1	3600
≥41	9																6-9	9	9	9	3600
≥34	23	9	3			1											36-1	36	56	56	3600
≥28	40	17	9	6	2	2					1						66-1	77	158	158	3600
≥22	73	30	19	14	9	7	4	2		1	1			1			84-1	161	412	412	3601
≥17	88	53	26	22	15	19	4	2	4	1	3	5	1	1		4	150-1	248	840	840	3606
≥11	120	65	38	32	24	23	17	11	12	5	5	2	6	3	4	18	156-2	385	1730	1761	3621
≥7	53	37	26	20	25	12	18	13	15	11	8	11	4	11	4	43	276-1	311	2494	2568	3624
≥4	47	17	14	5	9	1	9	3	6	4	8	5	8	5	7	67	696-1	215	2916	3057	3668

HOURS DURATION OF EVENTS

19 — 38.0N 0.7E

WIND SPEED (KT)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48																					3600
≥41	1																6-1	1	1	1	3600
≥34	2	1	1														18-1	4	7	7	3600
≥28	17	1	4	2													24-2	24	39	39	3600
≥22	43	11	7	6	2	2	1										42-1	72	139	139	3600
≥17	103	27	22	9	5	8	2	1	3	3							60-3	183	411	411	3600
≥11	159	66	38	25	13	18	13	6	9	2	3	3	2		3	6	132-1	366	1175	1176	3607
≥7	80	80	38	33	25	21	9	9	14	8	11	3	6	4	4	27	222-1	372	2018	2053	3642
≥4	68	50	29	18	21	22	7	11	4	5	7	6	7	7	3	56	324-1	321	2574	2619	3675

HOURS DURATION OF EVENTS

2 43.3N 15.3E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48																					3600
≥41																					3600
≥34	2		1														18-1	3	5	5	3600
≥28	17	4	2				1				1						66-1	25	49	49	3600
≥22	34	17	5	5	2	1	2		1				1				78-1	68	155	155	3600
≥17	50	22	16	7	6	6	1	1	1			2		1	1	1	96-1	115	329	329	3600
≥11	106	49	33	12	11	6	6	7	1	2	4	3	1		1	4	324-1	246	798	807	3603
≥7	115	71	40	27	24	10	13	4	7	2	1	3	5		3	12	324-1	337	1360	1376	3614
≥4	109	64	41	34	26	16	13	10	7	9	4	4	5	3	5	15	324-1	365	1709	1727	3617

HOURS DURATION OF EVENTS

3 42.3N 4.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48	2																6 2	2	2	2	3600
≥41	11	2	1														18-1	14	18	18	3600
≥34	31	10	9			1											36-1	51	84	84	3600
≥28	62	21	12	7	3	2					1		1	1		1	102-1	111	250	250	3600
≥22	102	33	24	11	12	2	5		2	3	2	2	1			2	132-1	201	538	538	3602
≥17	107	59	29	24	13	18	10	7	6	3	4	3		2	1	4	156-1	290	998	998	3605
≥11	104	64	36	30	20	16	11	10	11	13	5	6	6	3	4	21	240-1	360	1830	1830	3621
≥7	67	42	30	29	22	17	16	7	8	9	11	5	7	1	7	46	432-1	324	2442	2490	3636
≥4	49	23	15	16	15	13	5	9	7	4	7	5	8	5	6	61	726-1	248	2879	2970	3717

HOURS DURATION OF EVENTS

5 41.6N 3.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48																					3600
≥41		1															12-1	1	2	2	3600
≥34	3	1															12-1	4	5	5	3600
≥28	14	3	2	2	1												30-1	22	39	39	3600
≥22	58	12	3	1	3	1		1		1						1	102-1	81	151	151	3600
≥17	118	45	21	6	5	3	3		2				1			2	120-1	206	428	429	3600
≥11	169	92	38	27	20	17	12	5	5	4	1	4	2			6	288-1	402	1213	1214	3605
≥7	101	69	53	39	27	22	16	15	9	13	9	4	5	6	1	23	300-1	412	2098	2131	3614
≥4	62	39	19	19	15	12	9	10	12	10	6	7	6	11	3	55	438-1	295	2741	2793	3653

HOURS DURATION OF EVENTS

6 41.9N 8.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48	2																6-2	2	2	2	3600
≥41	7	1															12-1	8	9	9	3600
≥34	26	4	3		1												30-1	34	48	48	3600
≥28	40	22	8	2	2		1										42-1	75	133	133	3601
≥22	69	35	14	12	4	2	6	1	1								54-1	144	320	320	3601
≥17	89	42	26	28	9	6	3	3	3	4	3	2		1			84-1	219	627	627	3603
≥11	117	56	39	23	26	21	18	10	7	2	4	5	4	2	1	10	132-1	345	1375	1377	3607
≥7	102	50	32	25	26	18	14	11	10	9	7	9	6	4	8	31	342-1	362	2183	2196	3612
≥4	54	30	17	19	15	16	5	7	4	9	7	6	5	6	6	65	390-1	271	2823	2852	3683

HOURS DURATION OF EVENTS

8 41.1N 5.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48	4																6-4	4	4	4	3600
≥41	13	6	1	2													24-2	22	36	36	3600
≥34	28	14	3	7		2											36-2	54	105	105	3600
≥28	62	23	6	13	4	6	4				1						66-1	119	[illegible]	273	3600
≥22	76	47	34	11	8	7	10	4		2	1	1	1			3	108-2	205	608	608	3600
≥17	100	51	37	27	24	14	7	7	7	5	5	5		3		4	132-1	296	1075	1079	3607
≥11	94	62	34	31	22	19	16	14	6	8	6	3	7	5	6	29	192-1	362	2003	2039	3616
≥7	32	37	36	19	16	14	17	7	9	7	6	7	8	3	4	49	420-1	271	2671	2732	3625
≥4	34	18	15	9	7	6	5	5	7	3	5	8	2	1	5	62	564-2	192	2932	3142	3693

HOURS DURATION OF EVENTS

9 40.1N 1.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48		1															12-1	1	2	2	3600
≥41	3	1															12-1	4	5	5	3600
≥34	8	3															12-3	11	14	14	3600
≥28	21	4	4														18-4	29	41	41	3600
≥22	51	17	8	5	4												30-4	85	149	149	3600
≥17	115	38	23	8	2	5	7	1	4								54-4	203	425	425	3601
≥11	153	76	50	20	18	8	3	7	7	7	1	6	2	2	1	6	150-1	367	1159	1170	3603
≥7	101	80	51	27	26	17	16	9	16	5	7	4	4	1	4	26	306-1	394	1998	2046	3625
≥4	95	66	36	16	13	16	18	9	14	10	10	6	2	2	5	45	426-1	363	2470	2533	3659

HOURS DURATION OF EVENTS

11 40.7N 11.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48	2																6-2	2	2	2	3600
≥41	5		1														18-1	6	8	8	3600
≥34	9		3	2													24-2	14	26	26	3600
≥28	20	3	3	2	1	1	1										42-1	31	61	61	3600
≥22	52	10	8	4	4	3	2	1									48-1	84	172	172	3600
≥17	103	44	17	17	9	1	3	4		3	1						66-1	202	455	455	3606
≥11	124	18	47	43	28	13	13	8	4	3	4	2	2	4		2	156-1	375	1225	1239	3611
≥7	86	56	35	26	30	18	21	19	16	11	12	4	2	5	6	21	252-1	368	2057	2087	3615
≥4	78	29	15	17	15	13	8	11	14	10	12	11	6	6		53	408-1	298	2525	2562	3617

HOURS DURATION OF EVENTS

12 40.6N 18.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48						1											36-1	1	6	6	3600
≥41	2			1		1											36-1	4	12	12	3600
≥34	9	3	2					1			1						66-1	16	40	40	3600
≥28	24	4	2	2	1				2				1				78-1	36	82	82	3600
≥22	49	22	11	1	1	2	2		2	1			1	1			84-1	93	216	216	3600
≥17	93	35	21	15	10	3	2	2	2			1				4	150-1	188	490	490	3600
≥11	119	59	52	23	22	11	13	7	6	4	2	1	1	1		10	348-1	331	1205	1205	3608
≥7	95	49	56	35	23	34	18	11	9	9	3	7	4		2	24	348-1	379	1962	1992	3616
≥4	67	25	21	25	11	17	16	14	12	12	8	7	10	3	11	45	354-1	304	2540	2594	3641

HOURS DURATION OF EVENTS

14 39.5N 2.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48																					3600
≥41																					3600
≥34	6																6-6	6	6	6	3600
≥28	20	5	2														18-2	27	36	36	3600
≥22	39	11	10	2	2		1										42-1	65	116	116	3600
≥17	114	23	14	8	6	3	1	1	1	2	1						66-1	174	337	338	3600
≥11	134	66	48	20	14	10	12	8	2	3	4	1	2	2		4	138-1	330	1004	1006	3601
≥7	145	70	41	28	22	18	19	9	9	6	7	5	6	3	7	16	186-1	411	1802	1826	3615
≥4	105	48	34	23	10	18	14	9	4	10	4	5	4	7	9	44	324-1	348	2326	2378	3628

HOURS DURATION OF EVENTS

15 39.8N 5.7E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48	1																6-1	1	1	1	3600
≥41	6																6-6	6	6	6	3600
≥34	21	5	2	1													24-1	29	41	41	3600
≥28	39	16	7	5		1											36-1	68	118	118	3602
≥22	68	32	20	17	5	4	5	3		2		1					72-1	157	400	400	3604
≥17	106	46	36	23	14	6	11	3	4	3	4		1		1	5	144-1	263	836	836	3604
≥11	103	61	38	30	30	20	21	16	6	5	7	9	10		6	17	204-1	379	1866	1881	3609
≥7	51	28	22	18	15	24	11	12	12	9	8	4	12	10	3	50	432-1	289	2649	2722	3637
≥4	48	12	2	6	7	10	8	7	4	4	4	1	2	4	5	73	588-1	197	3049	3194	3685

HOURS DURATION OF EVENTS

17 39.3N 15.2E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48																					3600
≥41	1																6-1	1	1	1	3600
≥34	5	1															12-1	6	7	7	3600
≥28	8	8	1	1													24-1	18	31	31	3600
≥22	35	10	6	2	4	1	1										42-1	59	114	114	3600
≥17	68	26	11	8	5	8	1	1	1		1						66-1	130	293	293	3600
≥11	104	63	27	25	11	8	11	5	5	3	2	2	1				78-1	267	765	765	3601
≥7	90	56	47	46	18	15	12	16	9	9	8	7	3	4	2	5	150-1	347	1483	1491	3606
≥4	85	48	28	26	15	17	11	11	11	10	4	12	14	3	5	28	300-1	328	1994	2021	3616

HOURS DURATION OF EVENTS

18 39.3N 17.8E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48	1																6-1	1	1	1	3600
≥41	5					1											36-1	6	11	11	3600
≥34	7	5	1			1											36-1	14	26	26	3600
≥28	29	12	5	1			1	1	1								54-1	50	96	96	3600
≥22	42	22	10	7	4	1	2	2			1	2					72-2	93	235	235	3600
≥17	92	39	29	11	13	3	6	2	3	1	2		1	2			84-2	204	542	542	3600
≥11	100	54	51	27	24	21	15	7	4	8	4	4	5	2	3	5	144-1	334	1314	1321	3606
≥7	73	51	32	30	23	25	17	12	17	7	15	5	7	4	6	21	300-1	345	2025	2055	3616
≥4	74	39	25	14	15	18	9	9	14	10	12	8	9	6	7	48	396-1	317	2535	2570	3655

HOURS DURATION OF EVENTS

20 38.3N 4.1E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48																					3600
≥41	2																6-2	2	2	2	3600
≥34	5	5	2		1												30-1	13	26	26	3600
≥28	14	6	3	3	1	2	1										42-1	30	71	71	3600
≥22	65	25	8	5	2	3	5		1								54-1	114	231	231	3600
≥17	102	54	31	11	10	10	3	3	2	2	1			1		2	132-1	232	604	604	3603
≥11	130	55	54	35	25	15	16	9	6	8	8	2	3	4		8	156-1	378	1453	1463	3604
≥7	99	68	42	25	33	18	14	16	11	14	9	3	7	6	8	27	198-1	400	2257	2285	3618
≥4	50	37	22	15	16	12	10	13	4	5	15	6	6	4	4	62	444-1	281	2824	2882	3663

HOURS DURATION OF EVENTS

21 38.5N 7.5E

WIND SPEED kn	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3600
≥48																					3600
≥41	3	1															12-1	4	5	5	3600
≥34	15	12		2													24-2	29	47	47	3600
≥28	43	16	8	7	4	1		1				1					72-1	81	173	173	3604
≥22	73	26	17	14	5	5	7	3	2			1		1	1		90-1	155	419	419	3606
≥17	106	46	27	15	15	6	9	11	5	2	3	4			1	6	132-1	256	873	873	3606
≥11	108	58	38	27	21	10	21	16	15	13	9	7	3	5	1	18	222-1	370	1846	1870	3629
≥7	58	42	25	19	19	18	5	12	7	6	15	7	5	8	6	54	456-1	306	2653	2733	3643
≥4	27	13	9	9	5	5	2	8	3	1	7	5	4	6	3	65	864-1	172	3021	3245	3720

HOURS DURATION OF EVENTS

WINTER WIND SPE

22 38.6N 9.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3600
>48																					3600
>41	6	1															12-1	7	8	8	3600
>34	24	6	6			1											36-1	37	60	60	3600
>28	45	18	9	6	2	2							1				84-1	83	168	168	3604
>22	83	36	13	10	10	3	5	2	1	1	1		1			2	126-1	168	434	434	3606
>17	94	64	25	10	18	9	10	1	4	4		2	2	1		5	132-1	249	796	797	3606
>11	99	62	36	22	25	24	13	13	11	7	2	4	1	5	1	18	246-1	343	1607	1613	3610
>7	67	40	29	24	18	19	13	13	7	12	7	9	8	8	1	47	288-1	322	2435	2480	3642
>4	38	17	11	16	7	9	3	9	4	5	7	4	6	3	2	71	510-1	212	2944	3076	3695

HOURS DURATION OF EVENTS

23 38.6N 10.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64	1																6-1	1	1	1	3600
>48	1	2															12-2	3	5	5	3600
>41	4	1		1													24-1	6	10	10	3600
>34	24	5	5	3		1											36-1	38	67	67	3600
>28	52	17	9	4	5	2					1						66-1	90	177	177	3600
>22	72	47	24	12	7	4	2	2	1	1					1		90-1	173	409	409	3600
>17	89	44	39	16	21	13	6	4	4	5	4	3				2	120-1	250	817	817	3608
>11	106	49	43	26	24	15	15	23	9	10	5	5	5	4	6	16	162-1	361	1746	1766	3613
>7	58	36	29	28	16	8	14	12	9	15	8	4	6	5	4	51	306-1	303	2508	2568	3616
>4	28	20	9	8	10	10	9	4	9	5	7	2	2	5	4	66	696-1	198	2932	3092	3654

HOURS DURATION OF EVENTS

25 38.6N 18.6E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3600
>48	1																6-1	1	1	1	3600
>41	4	1				1											36-1	6	12	12	3600
>34	12	3	1			1											36-1	17	27	27	3600
>28	30	13	9	1		1	2										42-2	56	107	107	3600
>22	49	33	12	10	3	3	1	3		1		1					72-1	116	277	277	3600
>17	97	46	36	18	9	8	5	6	5	1	1		1				76-1	233	624	624	3602
>11	85	52	39	33	24	28	17	14	9	8	8	8	2	2	3	9	132-1	341	1567	1575	3618
>7	67	35	38	13	15	19	20	13	10	7	13	7	7	3	7	46	300-1	320	2422	2438	3645
>4	50	27	16	12	14	5	10	8	5	7	6	5	9	5	6	67	342-1	252	2761	2812	3659

HOURS DURATION OF EVENTS

26 38.1N 25.4E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64			1														18-1	1	3	3	3600
>48	4	2			1												30-1	7	13	13	3600
>41	5	4	2			1											42-1	12	26	26	3600
>34	13	6	4	2	1	1		1							1		90-1	29	79	79	3600
>28	42	15	8	1	3	1	2	1	1	1			1			1	96-1	77	191	198	3600
>22	75	35	19	8	5	6	5	1	1	4	3	2		1		2	102-2	167	492	500	3600
>17	97	41	28	15	20	15	5	5	3	2	5	3	1	2	2	9	126-1	253	967	976	3603
>11	74	44	31	25	14	15	13	9	14	9	5	5	3	4	9	22	240-1	296	1772	1808	3609
>7	54	34	24	18	19	8	8	14	9	12	12	10	2	5	6	44	384-1	279	2351	2427	3624
>4	43	27	18	3	8	11	10	14	9	10	8	8	6	4	6	56	594-1	241	2656	2732	3645

HOURS DURATION OF EVENTS

28 36.0N 35.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3598
>48																					3598
>41	1																6-1	1	1	1	3598
>34	4	1															12-1	5	6	6	3598
>28	12	2		1													24-1	15	20	20	3598
>22	22	9	8	2													24-2	41	72	72	3598
>17	59	27	15	12	4	1		1		1							60-1	120	250	250	3598
>11	111	52	32	32	11	12	7	3	5	2	3	1	2	1		2	126-1	276	826	838	3602
>7	107	67	35	24	31	18	15	15	8	4	8	6	2	4	3	14	168-1	361	1603	1642	3609
>4	110	61	31	23	20	15	16	11	11	10	3	8	5	6	5	37	168-1	372	2069	2138	3611

HOURS DURATION OF EVENTS

29 36.0N 4.0W

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3598
>48		1															12-1	1	2	2	3598
>41	1		1														18-1	2	4	4	3598
>34	6	2			1												30-1	9	15	15	3598
>28	20	1	3	2	1												30-1	27	44	44	3598
>22	68	21	5	4	1	2	1										42-1	102	165	169	3598
>17	89	47	23	9	10	6	3	3	3	1				1			84-1	195	470	482	3600
>11	106	69	44	27	12	19	15	5	7	5	7	2	3	3	1	3	138-1	328	1168	1187	3607
>7	77	57	34	25	27	17	17	12	8	7	7	5	6	6	4	26	228-1	335	1897	1927	3642
>4	79	51	33	21	22	15	24	11	10	7	5	2	9	7	[illegible]	31	318-1	334	2118	2197	3642

HOURS DURATION OF EVENTS

31 37.1N 5.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3598
>48																					3598
>41	1																6-1	1	1	1	3598
>34	2		1		1												30-1	4	10	10	3598
>28	14	7		1	1	1											36-1	24	43	43	3598
>22	44	18	3	4	1	2	3										42-3	75	143	143	3598
>17	100	31	11	9	6	3	4		1	2	1	1					72-1	169	359	360	3600
>11	113	68	43	21	8	10	11	3	5	4	8		1	4	1	6	204-1	366	1125	1130	3602
>7	130	96	46	28	28	19	15	15	3	9	8	4	4	3	6	26	222-1	440	2055	2109	3607
>4	50	34	19	14	9	16	10	9	14	8	6	5	8	2	4	64	390-1	272	2862	3013	3682

HOURS DURATION OF EVENTS

32 37.3N 11.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3598
>48	1	1															12-1	2	3	3	3598
>41			1														24-1	2	5	5	3598
>34	8	1		1	1												30-1	[illegible]	19	21	3598
>28	20	5	4	3		1				1							60-1	34	70	73	3598
>22	60	23	11	5	2	1		1	2				1				78-1	106	214	219	3598
>17	107	39	23	12	7	4	5	2	1		2	1	1			2	114-1	206	503	509	3598
>11	134	74	45	28	26	15	15	6	5	6	4	4	3		4	7	174-1	376	1337	1349	3598
>7	89	50	36	29	25	25	17	14	8	9	12	2	7	4	10	30	270-1	367	2270	2312	3628
>4	42	25	[illegible]	12	10	7	7	11	9	8	7	6	4	3	6	60	510-1	233	2903	2108	3739

HOURS DURATION OF EVENTS

34 36.4N 28.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3597
>48	1																6-1	1	1	1	3597
>41	1																6-1	1	1	1	3597
>34	1	2															12-2	3	5	5	3597
>28	17	4	2														18-2	23	31	31	3597
>22	52	14	9	5		1											36-1	81	133	136	3597
>17	85	35	24	6	10	7	3	1				1					72-1	172	384	391	3597
>11	97	48	45	29	21	15	10	10	9	4	7	6	2			2	102-1	305	1118	1141	3604
>7	77	49	44	27	21	29	14	10	13	14	9	5	4	3	4	21	198-1	344	1852	1908	3611
>4	52	22	19	15	16	10	16	13	10	7	12	8	8	6	8	51	342-1	273	2417	2517	3641

HOURS DURATION OF EVENTS

35 35.9N 31.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3597
>48																					3597
>41	2																6-2	2	2	2	3597
>34	1	2	1														18-1	4	8	8	3597
>28	11	5	4														18-4	20	33	33	3597
>22	21	14	6	3	1	1											36-1	46	90	90	3597
>17	53	24	14	7	7	1	5	1	2	1	1						66-1	116	294	294	3597
>11	89	52	39	25	13	11	12	2	4	5	5	2	1			4	108-2	264	887	896	3597
>7	83	53	28	26	19	27	11	11	10	8	10	8	4	1	4	19	192-1	322	1675	1696	3607
>4	56	41	26	21	14	19	16	10	9	8	11	7	7	7	3	49	282-1	304	2427	2486	3616

HOURS DURATION OF EVENTS

37 36.5N 19.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3597
>48		1															12-1	1	2	2	3597
>41	2		4	1													24-1	4	9	9	3597
>34	20	4	1	2	1												30-1	28	44	44	3597
>28	40	20	4	3	1	2											36-2	70	121	121	3597
>22	69	28	29	11	2	6	2	1				1					72-1	149	336	336	3597
>17	122	58	29	21	11	6	9	3	8	1		1	2				78-2	271	707	707	3603
>11	111	56	42	32	20	22	19	8	14	13	6	5	6	4	2	11	138-1	371	1656	1668	3605
>7	60	34	24	23	14	21	17	17	10	10	13	3	6	9	6	46	312-1	313	2409	2499	3635
>4	30	19	12	7	6	8	11	5	4	9	4	8	8	6	1	69	438-1	207	2843	3101	3699

HOURS DURATION OF EVENTS

38 36.3N 22.6E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3597
>48																					3597
>41																					3597
>34	20	3	1														18-1	24	29	29	3597
>28	29	15	5	3		1											36-1	53	92	92	3597
>22	76	22	17	7	6		1	3		1							60-1	133	270	270	3597
>17	113	48	33	17	14	4	6	2	3	3		3					72-3	246	621	621	3598
>11	111	58	37	38	29	13	13	11	6	6	4	10	3	3	3	3	108-1	354	1389	1439	3610
>7	77	52	31	29	21	20	13	18	18	8	6	13	7	5	7	27	180-1	352	2136	2248	3612
>4	43	27	14	12	9	11	6	6	6	6	7	9	8	6	5	65	540-1	240	2781	2945	3643

HOURS DURATION OF EVENTS

40 38.0N 25.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3596
>48	1																6-1	1	1	1	3596
>41	4																6-4	4	4	4	3596
>34	17	7	2	2													24-2	28	45	47	3596
>28	40	13	6	5	2	3	1	1									48-1	71	147	152	3596
>22	75	38	21	16	8	3		3	2			2		1		1	120-1	170	436	455	3596
>17	69	43	38	20	14	11	11	7	5	4	2	1	1	1	1	5	174-1	233	886	921	3597
>11	96	42	39	29	22	18	12	10	11	13	5	3	3	1	5	14	306-1	123	1596	1670	3609
>7	78	40	22	21	21	22	14	15	12	3	10	9	5	7	4	39	342-1	322	2292	2414	3613
>4	42	24	11	8	5	4	6	6	3	3	5	5	8	5	9	64	534-1	208	2765	2977	3638

HOURS DURATION OF EVENTS

41 35.3N 30.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3596
>48	1																6-1	1	1	1	3596
>41	2	1															12-1	3	4	4	3596
>34	4	2	2														18-2	8	14	14	3596
>28	16	7	3	1													24-1	27	43	43	3596
>22	47	14	11	2	2	2	1		1								54-1	80	154	154	3596
>17	53	41	27	12	4	5	1	4		2	2						66-2	151	395	398	3596
>11	101	48	36	20	16	24	12	10	4	7	4	2	4	6	3	2	108-1	299	1162	1173	3597
>7	72	57	29	35	17	25	14	8	8	2	11	11	4	6	4	27	330-1	330	1967	2081	3612
>4	43	28	14	19	11	10	5	6	10	2	1	4	5	1	3	61	684-1	223	2498	2750	3613

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

38.6N 10.9E — **24** — **38.7N 12.6E**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3600
≥48	1	1															12-1	2	3	3	3600
≥41	1	2	1														18-1	4	8	8	3600
≥34	17	5		1	2												30-2	25	41	41	3600
≥28	35	16	7	5	4		1										42-1	68	135	135	3600
≥22	67	38	26	12	5	3	4	1		1	1						66-1	158	369	369	3600
≥17	122	41	35	25	13	11	11	3	4	3	1	1	1			1	90-1	272	758	758	3601
≥11	106	61	36	23	25	19	20	14	9	11	8	7	5	3	4	14	156-2	365	1715	1726	3609
≥7	55	40	22	19	26	15	14	11	9	9	10	11	9	8	5	42	318-1	305	2399	2438	3614
≥4	48	22	11	12	10	10	7	8	5	4	5	6	3	3	6	70	612-1	230	2773	2957	3690

HOURS DURATION OF EVENTS

38.1N 25.4E — **27** — **37.4N 1.7E**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3599
≥48																					3599
≥41	1																6-1	1	1	1	3599
≥34	6		2	1													24-1	9	16	16	3599
≥28	29	3	3	2	2												30-2	39	62	62	3599
≥22	62	29	7	9	3	4	1		1								54-1	116	232	232	3599
≥17	112	53	23	12	12	11	3	1	3	3	1	1	3				72-3	237	594	598	3599
≥11	120	70	42	34	22	20	14	5	3	6	9	5	4	3	1	9	132-2	367	1419	1438	3605
≥7	78	55	39	29	25	19	16	9	8	7	9	8	12	2	3	38	228-1	357	2239	2282	3636
≥4	54	31	25	15	16	15	7	9	11	8	8	9	5	2	5	61	528-1	281	2686	2771	3650

HOURS DURATION OF EVENTS

36.0N 4.0W — **30** — **36.5N 0.7W**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3598
≥48																					3598
≥41		1															12-1	1	2	2	3598
≥34	5	2	1														18-1	8	12	12	3598
≥28	35	1	1	3	1												30-1	41	57	57	3598
≥22	67	18	9	4	4	3											36-3	105	184	184	3598
≥17	89	51	31	10	4	1	6	3		2							60-2	203	472	479	3599
≥11	137	84	42	25	16	21	12	9	6	4	4	3	1	3		5	150-1	372	1228	1252	3599
≥7	91	76	53	33	24	21	7	7	23	7	10	5	5	8	1	24	216-3	395	2065	2111	3632
≥4	72	41	36	20	19	13	18	7	12	7	8	6	5	8	1	50	432-1	323	2527	2612	3659

HOURS DURATION OF EVENTS

37.3N 11.8E — **33** — **36.6N 26.9E**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3598
≥48	2																6-2	2	2	2	3598
≥41	4																6-4	4	4	4	3598
≥34	13	6															30-1	20	30	31	3598
≥28	46	14	3														36-1	64	89	93	3598
≥22	67	39	21	5	5	5		1		1		1	1				78-1	146	326	335	3598
≥17	82	52	35	21	13	13	7	5	2	2	1	1	1				84-1	242	719	732	3598
≥11	68	41	38	35	25	22	17	13	14	7	7		7	4	2	10	168-1	310	1538	1571	3610
≥7	56	39	43	29	17	16	21	13	11	13	12	3	8	7	6	33	354-1	325	2265	2313	3619
≥4	53	25	17	15	14	14	11	8	10	1	13	5	6	12	8	55	462-1	262	2727	2846	3626

HOURS DURATION OF EVENTS

35.9N 31.8E — **36** — **35.6N 2.2W**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3597
≥48																					3597
≥41	3																12-1	4	5	5	3597
≥34	7	2	1														18-1	10	14	14	3597
≥28	19	7	3	2		1											36-1	32	56	57	3597
≥22	49	23	12	4		4	1			1							60-1	94	188	193	3597
≥17	77	43	21	10	8	2	3	4	5		1					1	90-1	175	442	454	3598
≥11	114	57	21	22	22	12	11	5	4	4	8	4	2	2	2	8	156-1	298	1142	1161	3618
≥7	93	65	38	29	22	19	8	5	9	11	6	2	6	5	2	28	228-2	348	1861	1922	3639
≥4	113	54	34	21	22	11	9	9	7	14	10	1	5	3	6	36	443-1	329	2290	2384	3658

HOURS DURATION OF EVENTS

36.3N 22.6E — **39** — **36.2N 24.3E**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3597
≥48																					3597
≥41	1																6-1	1	1	1	3597
≥34	15	3															12-3	18	21	21	3597
≥28	29	7	5	5			1	2									48-2	49	101	101	3597
≥22	68	27	14	7	6	4	2	1	3					1			84-1	133	309	309	3597
≥17	85	41	24	19	18	4	8	2	3	3	2	1	1	2	1	2	102-1	216	681	693	3598
≥11	102	49	38	24	30	15	12	8	10	4	9	6	5	8	3	8	210-2	331	1495	1566	3601
≥7	64	35	35	24	9	16	12	12	17	11	10	7	7	8	5	38	306-1	310	2271	2360	3606
≥4	43	22	18	7	7	8	5	8	2	8	5	2	3	7	6	70	618-1	221	2838	3006	3626

HOURS DURATION OF EVENTS

35.3N 30.8E — **42** — **34.7N 34.8E**

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3596
≥48																					3596
≥41																	6-1	1	1	1	3596
≥34	4																6-4	4	4	4	3596
≥28	12	1	2														18-2	21	32	32	3596
≥22	33	11	9	2	2												30-2	57	100	100	3596
≥17	87	29	10	7	5	5	3	1				1					72-1	148	299	306	3596
≥11	131	50	41	23	19	12	8	5	2	5	6	3		1	2	1	120-1	309	943	958	3598
≥7	100	74	40	35	27	16	21	10	12	10	6	2	6	5	7	8	162-1	379	1681	1736	3604
≥4	81	43	28	24	20	17	16	16	9	8	7	9	1	5	11	36	300-1	331	2200	2297	3612

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

43 — 36.0N 13.5E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3596
≥48	2	1															12-1	3	4	4	3596
≥41	3	1		1													24-1	5	9	9	3596
≥34	20	2	1			1											36-1	24	33	35	3596
≥28	27	15	7	2	1	1	1										42-1	54	104	108	3596
≥22	54	26	8	13	5	4		1		3		1					78-1	115	282	294	3596
≥17	96	32	39	15	10	10	5	4	2	2	2	2	1		2	1	150-1	223	666	682	3596
≥11	103	54	36	32	20	17	20	18	11	8	2	6	4	3	4	11	168-1	349	1582	1613	3600
≥7	53	40	39	28	23	16	13	18	11	14	12	6	12	4	4	39	312-1	332	2462	2533	3614
≥4	27	16	19	6	8	12	9	10	2	7	3	3	6	4	4	65	630-1	201	2921	3141	3669

HOURS DURATION OF EVENTS

44

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48	1		1											
≥41	3		1											
≥34	25	5		1	1									
≥28	35	17	11	5		2	1							
≥22	68	37	20	11	7	6	1	2	1	1	1			
≥17	105	47	30	20	16	11	7	6	4	4	2	2	1	1
≥11	143	58	35	27	16	22	19	10	7	13	6	6	5	4
≥7	58	41	30	18	15	12	13	12	9	9	11	5	8	6
≥4	34	10	11	16	4	8	7	5	9	4	3	6	2	3

HOURS DURATION OF EVENTS

46 — 35.0N 28.3E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3594
≥48																					3594
≥41	2	2															12-2	4	6	6	3594
≥34	16	5		1													24-1	22	30	30	3594
≥28	43	18	5	3	2	1	1										42-1	73	129	135	3594
≥22	74	39	23	13	7	6	2	3	2				1				78-1	170	413	434	3594
≥17	85	52	29	16	18	11	7	6	6	6	2	3	1	3		2	198-1	247	881	915	3596
≥11	72	39	35	28	25	20	13	10	12	10	9	6	5	6	7	16	318-1	313	1772	1869	3599
≥7	49	21	30	10	18	20	8	15	9	7	6	8	3	7	5	48	438-1	264	2377	2626	3626
≥4	45	17	14	8	4	9	7	8	3	3	7	7	3	3	3	60	492-1	201	2544	3005	3665

HOURS DURATION OF EVENTS

47

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78
≥64													
≥48			1										
≥41	5		1										
≥34	17	3	2	2	1								
≥28	38	16	8	5	4	1		1					
≥22	70	32	24	22	15	3	3			1	1		
≥17	92	53	42	28	20	16	4	5	3	5	3	2	
≥11	88	48	35	30	24	29	13	11	12	9	6	4	6
≥7	44	35	18	23	18	14	16	12	7	10	2	7	4
≥4	20	11	9	10	4	2	4	5	7	4	3	2	9

HOURS DURATION OF EVENTS

49 — 34.8N 24.1E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3593
≥48																					3593
≥41	1																6-1	1	1	1	3593
≥34	8	1															12-1	9	10	10	3593
≥28	17	8	2														18-2	27	39	39	3593
≥22	51	19	11	5	2					1							60-1	89	162	162	3593
≥17	93	43	26	11	10	4	7	3	1	1	1					1	96-1	201	494	498	3594
≥11	108	57	43	29	19	21	22	10	9	4	3	4	2	2	2	5	120-1	340	1297	1377	3595
≥7	65	44	32	26	24	13	16	11	20	14	8	7	6	9	5	25	264-1	325	2100	2222	3609
≥4	44	27	9	14	5	10	9	6	7	8	12	4	6	8	4	52	522-1	225	2593	2774	3626

HOURS DURATION OF EVENTS

50

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78
≥64													
≥48	1												
≥41			1										
≥34	8	1		1	1								
≥28	20	6	4			1		1					
≥22	49	27	10	7	3	1	2	1	1				
≥17	79	47	22	16	9	6	8	1	5	4			
≥11	103	32	42	26	19	16	13	7	9	11	4	1	5
≥7	70	43	26	28	17	18	14	10	6	11	8	4	6
≥4	40	22	17	17	5	6	5	4	3	6	2	6	4

HOURS DURATION OF EVENTS

52 — 33.7N 28.0E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3587
≥48																					3587
≥41	1		1														18-1	2	4	4	3587
≥34	16	5		1													24-1	22	30	30	3587
≥28	42	15	9	4	2	1	1										42-1	74	138	145	3587
≥22	67	37	19	21	4	1	3	5	3	1		1				1	102-1	163	435	449	3587
≥17	87	51	32	17	24	11	6	3	6	7	3	1	5			2	180-1	255	892	959	3587
≥11	84	37	37	25	29	16	16	12	4	8	6	9	5	5	3	22	222-1	318	1791	1960	3593
≥7	45	26	19	14	12	22	10	12	6	10	7	4	7	3	5	47	342-1	249	2280	2741	3619
≥4	32	12	8	7	6	7	2	5	2	7	2	7	2	1	2	55	672-1	157	2367	3223	3725

HOURS DURATION OF EVENTS

53

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78
≥64													
≥48													
≥41			1										
≥34	5	1		1									
≥28	19	4	5					1					
≥22	41	20	13	7	5	2							
≥17	71	36	21	18	11	9	4	1	3	1	1		
≥11	91	38	34	27	21	16	11	10	8	6	7	4	5
≥7	89	34	32	21	22	19	13	11	11	12	13	6	4
≥4	37	22	12	16	8	5	11	6	8	4	4	5	2

HOURS DURATION OF EVENTS

55 — 34.0N 15.9E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64	1																6-1	1	1	1	3585
≥48	2	1															12-1	3	4	4	3585
≥41	5			5													24-5	10	25	25	3585
≥34	14	6	1		3	1						1					72-1	26	62	62	3585
≥28	34	20	9		5	1	2	1				1					72-1	73	166	178	3585
≥22	54	28	23	17	4	3	5	1	1	1	2	1	1			1	96-1	142	410	439	3585
≥17	93	36	33	19	17	6	7	7	3	3	3	3	5	4		3	102-2	242	863	922	3585
≥11	95	60	35	23	21	18	24	11	5	13	8	3	3	4		23	168-1	346	1720	1828	3588
≥7	45	27	24	18	26	20	18	9	16	10	7	9	2	8	2	42	258-1	283	2314	2651	3594
≥4	26	15	9	7	9	10	8	2	10	2	8	5	2	5	4	53	588-1	175	2398	3080	3605

HOURS DURATION OF EVENTS

56

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78
≥64													
≥48													
≥41	1												
≥34	13	1											
≥28	41	13	3	1	1		1	1					
≥22	67	30	22	10	6	4	1	1			1		
≥17	104	55	31	19	21	9	10	3	3	3	2	3	
≥11	84	47	35	27	28	27	19	20	12	4	7	4	8
≥7	62	24	17	16	18	18	13	11	9	7	13	5	2
≥4	36	13	12	9	7	3	3	2	10	4	2	5	2

HOURS DURATION OF EVENTS

58 — 33.1N 19.9E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3581
≥48																					3581
≥41	4																6-4	4	4	4	3581
≥34	12	3	3														18-3	18	27	27	3581
≥28	44	15	2	5	2	1											36-1	69	116	123	3581
≥22	68	41	16	9	7	3	3	1		2		1	1				78-1	152	361	382	3581
≥17	93	42	34	25	21	13	6	3	4	7	1	2	1	1	2		90-2	255	826	870	3584
≥11	88	57	33	23	34	28	21	16	10	6	6	4	2	1	5	15	198-1	349	1703	1863	3588
≥7	36	28	29	17	14	21	10	15	12	9	5	12	5	8	4	39	390-[illegible]	264	2286	2677	3602
≥4	18	10	9	4	2	7	4	2	4	4		4	4	4	3	51	714-1	130	2304	3292	3666

HOURS DURATION OF EVENTS

59

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78
≥64													
≥48													
≥41	2		1										
≥34	9	4	2	2									
≥28	25	13	10	1	1	2	1			1			
≥22	74	23	13	13	5	1	3	4					
≥17	81	55	32	21	16	10	10		5	4	3		4
≥11	93	50	36	28	17	24	11	6	3	9	11	5	1
≥7	46	33	24	14	14	24	16	13	7	8	5	5	1
≥4	28	13	10	7	3	9	6	6	7	8	2	3	1

HOURS DURATION OF EVENTS

61 — 31.7N 32.4E

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3580
≥48																					3580
≥41																					3580
≥34																					3580
≥28	15		3														18-3	18	24	25	3580
≥22	27	14	4	8	2	1											36-1	56	115	129	3580
≥17	59	20	17	8	7	9		4	1	2			1				78-1	128	345	375	3580
≥11	120	39	34	22	18	13	9	10	3	4	3	4	2	2		5	174-1	288	1015	1110	3580
≥7	108	53	36	20	21	17	5	13	10	22	7	4	2	3	4	24	282-1	347	1860	2045	3581
≥4	47	31	22	12	13	9	10	6	6	7	3	7	5	2	4	55	402-1	239	2307	2797	3592

HOURS DURATION OF EVENTS

62

WIND SPEED (KNOTS)	6	12	18	24	30	36	42	48	54	60	66	72	78
≥64													
≥48	3												
≥41	5	1	1	1									
≥34	8	6	2		3	1							
≥28	17	13	5	2	2	3	1		1				
≥22	52	15	17	10	8	3	3			4			
≥17	88	40	25	20	13	9	6	6	2		3	2	1
≥11	88	55	41	29	20	18	14	8	12	5	8	6	6
≥7	60	31	30	21	20	16	13	13	15	12	7	11	
≥4	35	28	15	12	9	6	14	5	9	2	3	8	4

HOURS DURATION OF EVENTS

211 A

44 — 35.9N 16.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3596
≥48	1		1														18-1	2	4	4	3596
≥41	3		1														18-1	4	6	6	3596
≥34	25	5		1	1												30-1	32	44	44	3596
≥28	35	17	11	5		2	1										42-1	71	141	141	3596
≥22	68	37	20	11	7	6	1	2	1	1	1						66-1	155	370	373	3596
≥17	105	47	30	20	16	11	7	6	4	4	2	2	1	1		3	108-1	259	811	819	3596
≥11	143	58	35	27	16	22	19	10	7	13	6	6	5	4	2	16	234-1	389	1748	1770	3596
≥7	58	41	30	18	15	12	13	12	9	9	11	5	8	6	3	45	384-1	295	2480	2607	3621
≥4	14	10	11	16	4	8	7	5	9	4	3	6	2	3	5	67	558-1	194	2838	3047	3654

HOURS DURATION OF EVENTS

45 — 35.2N 26.6E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3596
≥48	1																6-1	1	1	1	3596
≥41	3	1															12-1	4	5	5	3596
≥34	18	10	3	1													24-1	32	51	53	3596
≥28	50	21	7	6	2		2		1								54-1	89	170	175	3596
≥22	74	44	22	10	8	7	2	2	3		2				1	1	156-1	176	470	485	3596
≥17	86	36	38	27	14	12	7	5	8	4	1	1	4	1		5	216-1	249	942	974	3597
≥11	80	40	41	28	26	19	16	11	6	9	9	8	5	3	3	20	330-1	324	1784	1845	3603
≥7	45	36	24	14	19	21	11	12	14	8	13	5	3	3	4	44	438-1	276	2381	2522	3619
≥4	37	27	16	8	7	10	8	7	7	7	11	4	6	4	5	57	708-1	221	2767	2949	3641

HOURS DURATION OF EVENTS

47 — 35.2N 19.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3593
≥48			1														18-1	1	3	3	3593
≥41	5		1														18-1	6	8	8	3593
≥34	17	3	2	2	1												30-1	25	42	42	3593
≥28	38	16	8	5	4	1		1									48-1	73	148	148	3593
≥22	70	32	24	22	15	3	3			1	1	1					72-1	172	441	441	3593
≥17	92	53	42	28	20	16	4	5	3	5	3	2	1	1	2		90-2	277	891	891	3598
≥11	88	48	35	30	24	29	13	11	12	9	6	4	6	4	6	18	192-1	343	1782	1829	3600
≥7	44	35	18	23	18	14	16	12	7	10	12	7	4	1		50	408-1	277	2509	2653	3607
≥4	20	11	9	10	4	2	4	5	7	4	3	2	9	1	4	58	624-1	159	2636	3200	3640

HOURS DURATION OF EVENTS

48 — 35.1N 20.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3593
≥48																					3593
≥41	3	1															12-1	4	5	5	3593
≥34	18	3	1	1	1												30-1	24	36	36	3593
≥28	39	15	7	2	2	1	1										42-1	67	121	121	3593
≥22	71	33	27	11	11	5	1	1			2						66-2	162	384	384	3595
≥17	90	51	32	28	20	13	7	8		4	2	1	1	2	1		90-1	260	821	830	3601
≥11	84	66	35	30	24	22	23	18	9	12	5	6	4	2	4	12	222-1	356	1704	1726	3602
≥7	57	31	28	22	15	14	12	10	7	13	8	11	8	2	6	49	378-1	293	2431	2587	3621
≥4	28	20	10	17	5	4	7	3	8	7	6	6	5	3	5	58	594-1	192	2671	3123	3642

HOURS DURATION OF EVENTS

50 — 34.0N 30.5E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3592
≥48	1																6-1	1	1	1	3592
≥41			1														18-1	1	3	3	3592
≥34	8	1		1	1												30-1	11	19	19	3592
≥28	20	6	4			1		1									48-1	32	58	58	3592
≥22	49	27	10	7	3	1	2	1	1								54-1	101	213	227	3592
≥17	79	47	22	16	9	6	8	1	5	4						1	114-1	198	552	574	3592
≥11	103	32	42	26	19	16	13	7	9	11	4	1	5	2	4	12	180-1	306	1370	1444	3596
≥7	70	43	26	28	17	18	14	10	6	11	8	4	6	5	9	39	330-1	314	2189	2353	3605
≥4	42	22	17	17	5	6	5	4	3	6	2	6	4	5	2	58	648-1	202	2568	3005	3646

HOURS DURATION OF EVENTS

51 — 33.5N 33.6E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3591
≥48																					3591
≥41																					3591
≥34	3																6-3	3	3	5	3591
≥28	9	3	2														18-2	14	21	27	3591
≥22	36	15	6	4	1		1										42-1	63	112	124	3591
≥17	64	27	12	15	11	2	3	1			1						66-1	136	321	341	3591
≥11	103	54	34	17	24	15	6	8	7	5	3	2	3	1		2	114-2	284	958	1000	3591
≥7	79	52	38	26	23	24	19	15	6	9	11	5	5	9	2	18	198-1	341	1838	1945	3606
≥4	45	43	19	19	16	11	12	5	8	9	6	6	13	8	8	46	360-1	274	2400	2759	3616

HOURS DURATION OF EVENTS

53 — 33.3N 31.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3587
≥48																					3587
≥41			1														18-1	1	3	3	3587
≥34	5	1		1													24-1	7	11	11	3587
≥28	13	4	5					1									48-1	29	50	54	3587
≥22	41	20	13	7	5	2		1									54-1	89	194	205	3587
≥17	[illegible]	36	21	18	11	9	4	1	3	1	1				1	1	102-1	178	503	533	3587
≥11	91	38	34	27	21	16	11	10	8	6	7	4	5	2		9	186-1	289	1277	1377	3587
≥7	89	34	32	21	22	[illegible]	13	11	11	12	13	6	4	7	3	29	276-1	326	2036	2235	3592
≥4	[illegible]	22	12	16	8	5	11	6	8	4	4	5	2	5	5	59	378-1	[illegible]	2446	2980	3655

HOURS DURATION OF EVENTS

54 — 34.0N 12.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3585
≥48	1																6-1	1	1	1	3585
≥41	1	3		1													24-1	5	11	11	3585
≥34	10	5	1			1											36-1	17	29	30	3585
≥28	15	11	12	2		1			1								54-1	42	96	102	3585
≥22	52	21	9	10	2	5	2		2	1	1		1				78-1	106	267	285	3585
≥17	69	47	15	16	7	13	5	1	5	1	2	3	2	1	1		90-1	188	596	627	3585
≥11	92	56	42	29	17	18	17	10	8	2	5	4	2	8	3	13	162-1	326	1461	1544	3590
≥7	72	40	22	27	17	23	8	13	15	9	4	5	6	7	3	37	438-1	308	2200	2437	3597
≥4	48	31	15	14	10	7	9	8	12	5	7	[illegible]	3	3	2	62	498-1	241	2450	2926	3626

HOURS DURATION OF EVENTS

56 — 33.6N 22.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3585
≥48																					3585
≥41	1																6-1	1	1	1	3585
≥34	13	1															12-1	14	15	15	3585
≥28	41	13	3	1	1		1										42-1	60	92	99	3585
≥22	67	30	22	10	6	4	1	1			1						66-1	142	313	324	3586
≥17	134	55	31	19	21	9	10	3	3	3	2	3			1	1	96-1	265	782	830	3587
≥11	84	47	35	27	28	27	19	20	12	4	1	4	8	1	3	10	156-3	336	1646	1787	3599
≥7	62	24	17	16	18	18	13	11	9	7	13	6	2	11	7	42	282-1	275	2260	2616	3629
≥4	36	13	12	9	7	3	3	2	10	4	2	5	2	5	2	60	546-1	175	2457	3238	3732

HOURS DURATION OF EVENTS

57 — 33.2N 18.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3581
≥48		1															12-1	1	2	2	3581
≥41	5	3															12-3	8	11	11	3581
≥34	13	2	2	3	1												30-1	21	40	40	3581
≥28	30	19	6	2	4	1			1		1						66-1	64	140	151	3581
≥22	60	36	22	13	8	3	3	2	1		1	4					72-4	153	413	431	3581
≥17	64	45	37	27	20	7	9	3	5	3	2	2	1	3	2	2	108-1	232	842	904	3582
≥11	68	52	33	25	27	21	14	15	15	9	6	11	4	4	1	17	150-1	322	1726	1895	3588
≥7	39	30	15	18	19	10	12	10	8	13	9	7	7	4	4	47	300-1	252	2294	2694	3597
≥4	23	11	4	7	5	4	5	7	6	4	8	3	4	2	4	55	600-1	152	2385	3125	3610

HOURS DURATION OF EVENTS

59 — 32.6N 26.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3580
≥48																					3580
≥41	2		1														18-1	3	5	5	3580
≥34	3	4	2	2													24-2	17	31	31	3580
≥28	25	13	10	1	1	2	1				1						66-1	54	120	126	3580
≥22	74	23	13	13	5	1	3	4					1				78-1	137	308	358	3581
≥17	81	55	32	21	16	10	10		5	4	3		4			1	102-1	242	768	854	3581
≥11	93	50	36	28	17	24	11	6	3	9	11	5	1	4	4	20	258-1	322	1649	1845	3597
≥7	46	33	24	14	14	24	16	13	7	8	5	5	3	8	1	39	438-1	260	2156	2647	3621
≥4	28	13	10	7	3	9	6	6	7	8	2	3	2	2	3	49	480-1	158	2118	3204	3712

HOURS DURATION OF EVENTS

60 — 32.2N 29.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3580
≥48																					3580
≥41				1													24-1	1	4	4	3580
≥34	4	3				1											36-1	8	16	18	3580
≥28	26	6	5	2	1				1								54-1	41	75	85	3580
≥22	61	24	9	7	5		4		2								54-2	112	235	268	3580
≥17	93	48	24	16	13	6	9	3	3	3		1		1	1		90-1	221	611	684	3580
≥11	103	55	28	22	12	16	11	13	6	10	4	6	1	2	2	16	210-1	307	1399	1568	3580
≥7	63	47	31	18	25	15	14	9	8	10	5	5	5	3	8	33	288-1	299	2053	2397	3606
≥4	49	19	17	9	9	12	3	1	10	7	5		3	2	3	57	474-1	206	2254	3033	3681

HOURS DURATION OF EVENTS

62 — 32.6N 15.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3578
≥48	3																6-3	3	3	3	3578
≥41	5	1	1	1													24-1	8	14	14	3578
≥34	8	6	2		1	1											36-1	20	47	49	3578
≥28	[illegible]	13	5	2	2	1	1		1								54-1	44	110	133	3578
≥22	52	11 (?)	17 (?)	10	8	3	3			4		1					72-1	113	304	338	3578
≥17	88	40	25	20	13	9	6	6	2		3	2	1	1	3	1	96-1	220	695	770	3581
≥11	88	55	41	29	20	18	14	8	12	5	8	6	6	3	3	11	222-1	327	1524	1714	3582
≥7	[illegible]	31	30	21	20	16	13	13	15	12	7	11	7	3	2	33	252-1	294	2074	2515	3584
≥4	[illegible]	28	[illegible]	12	9	6	14	5	9	2	3	8	5	5	5	45	402-1	206	2201	2916	3594

HOURS DURATION OF EVENTS

63 — 31.2N 18.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3575
≥48	1																6-1	1	1	1	3575
≥41	3	2															12-2	5	[illegible]	7	3575
≥34	8	5	2	1	2												30-2	18	38	38	3575
≥28	20	7	4	3	5		1	1									48-1	41	98	106	3575
≥22	44	28	15	4	4	3	4		1	1	1		1				78-1	106	270	298	3575
≥17	80	30	32	16	18	14	6	3	3	2		2	2			2	102-1	210	670	721	3576
≥11	79	53	43	27	21	22	18	11	10	4	11	3	4	2	2	13	186-1	323	1517	1736	3583
≥7	48	28	26	24	16	18	14	9	11	2	15	9	6	6	6	34	540-1	272	2090	2510	3590
≥4	29	21	5	7	5	6	8	3	3	6	2	3	5	4	1	55	552-1	163	2313	3184	3636

HOURS DURATION OF EVENTS

SPRING

1 — 43.9N 8.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41		1															12-1	1	2	2	3019
≥34	2	1															12-1	3	4	4	3019
≥28	4	3															12-3	7	10	10	3019
≥22	28	6	2														18-2	36	46	46	3019
≥17	59	13	10	6	1	2											36-2	91	156	157	3019
≥11	87	55	27	12	6	8	7	4	2	3	2	2				1	120-1	216	599	600	3023
≥7	119	62	52	25	16	10	9	11	12	5	4	3	2	5	1	6	126-1	342	1250	1287	3033
≥4	94	40	22	23	21	15	14	9	11	3	5	7	5	4	2	30	228-1	305	1782	1827	3052

HOURS DURATION OF EVENTS

2 — 43.3N 15.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34	1																6-1	1	1	1	3019
≥28	2		1														18-1	3	5	5	3019
≥22	13	3				1											36-1	17	25	25	3019
≥17	21	9	5	4		1	1										42-1	41	83	83	3020
≥11	68	28	12	9	6	2		1		3		2					72-2	131	300	301	3030
≥7	93	57	24	15	14	5	5	4	2		4	3		3		2	114-1	231	683	688	3038
≥4	109	58	16	14	17	10	4	10	3	3	4	1		1	1	7	138-1	258	863	868	3043

HOURS DURATION OF EVENTS

4 — 42.5N 6.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48	3																6-3	3	3	3	3019
≥41	3			1													24-1	4	7	7	3022
≥34	14	1	1						1								54-1	17	28	28	3026
≥28	32	7	5	3	2							1					72-1	60	95	95	3029
≥22	63	27	9	9	3	4	1		2	1					1		90-1	120	269	269	3033
≥17	92	41	21	8	10	7	5	2	3	1	1	1		2	3	1	114-1	198	564	564	3037
≥11	104	63	36	15	11	15	12	9	3	5	6	2	4	2	1	13	138-1	301	1204	1206	3049
≥7	80	49	42	19	16	18	11	8	7	11	5	5	9	3	3	28	264-1	314	1862	1878	3073
≥4	50	29	19	16	10	10	14	6	6	7	7	6	4	2	5	46	408-1	237	2206	2250	3083

HOURS DURATION OF EVENTS

5 — 41.6N 3.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48	1																6-1	1	1	1	3019
≥41	1																6-1	1	1	1	3019
≥34	3																6-3	3	3	3	3019
≥28	7	3															12-3	10	13	13	3019
≥22	28	6	2				1										42-1	37	53	53	3019
≥17	73	24	6	2	1		1								1		90-1	108	174	174	3019
≥11	144	92	37	20	11	5	4	3	4	2						1	162-1	323	739	751	3022
≥7	104	79	68	33	31	12	15	11	9	5	8	7	4	3	1	6	216-1	396	1560	1595	3026
≥4	73	40	26	26	29	11	11	9	10	7	7	8	3	7	6	31	324-1	304	1993	2059	3035

HOURS DURATION OF EVENTS

7 — 42.0N 9.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41	1																6-1	1	1	1	3019
≥34	3	1															12-1	4	5	5	3019
≥28	10	4															12-4	14	18	18	3019
≥22	18	4	3	1	2		1										42-1	29	56	56	3019
≥17	46	12	9	1	4	1	1	1									48-1	75	142	142	3019
≥11	84	51	17	6	12	6	4	1	4			2	2		1		90-1	190	494	497	3033
≥7	107	69	44	24	11	7	8	4	7	5	3	2	2		2	5	156-1	300	988	997	3045
≥4	132	70	40	25	11	13	8	9	9	7	6	3	5	2	2	12	162-1	353	1358	1374	3049

HOURS DURATION OF EVENTS

8 — 41.1N 5.5E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48	2	1															12-1	3	4	4	3019
≥41	3	5															12-5	8	13	13	3019
≥34	10	8	4	1	1												30-1	24	47	47	3019
≥28	25	12	7	5	2	3	1	1									48-1	56	133	133	3021
≥22	48	23	10	6	4	4	3	3	3	1						2	120-1	107	311	311	3027
≥17	84	42	29	13	10	9	1	4	5	4		1	1		1	2	162-1	206	623	624	3032
≥11	92	52	35	24	21	12	10	7	6	7	6	4	4	5	3	13	216-2	301	1416	1422	3047
≥7	68	44	26	17	18	15	14	5	9	6	9	4	6	6	5	33	420-1	285	2009	2068	3082
≥4	57	23	17	10	8	7	12	5	8	5	6	3	6	7	4	52	492-1	230	2264	2364	3099

HOURS DURATION OF EVENTS

10 — 40.3N 3.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34																					3019
≥28	5	1															12-1	6	7	7	3019
≥22	24	6	1														18-1	31	39	39	3019
≥17	66	20	10	4	1	2											36-2	103	169	163	3019
≥11	173	70	40	17	10	5	4	2	1	3			1				78-1	326	677	679	3020
≥7	124	72	57	31	23	17	18	7	13	4	4	1	5		1	9	138-1	386	1427	1465	3034
≥4	99	55	28	32	16	14	15	12	8	6	7	4	8	6	5	22	360-1	337	1820	1932	3037

HOURS DURATION OF EVENTS

11 — 40.7N 11.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34																					3019
≥28	3	2	2														18-2	7	13	13	3019
≥22	18	6	3		2	2											36-2	31	61	61	3019
≥17	61	14	9	4	2	4	1			1							60-1	96	183	183	3020
≥11	111	54	24	17	6	7	5	7	5				1	1	1		90-1	239	609	613	3020
≥7	96	72	49	23	15	24	10	11	6	4	10	2	1	1		8	180-1	332	1267	1279	3045
≥4	81	57	42	19	14	10	6	8	11	10	8	5	8	3	2	20	354-1	304	1653	1692	3064

HOURS DURATION OF EVENTS

13 — 40.1N 24.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34																					3019
≥28	1																6-1	1	1	1	3019
≥22	14	2															12-2	16	18	18	3019
≥17	55	22	4	1													24-1	82	115	115	3019
≥11	130	53	24	11	10	5	5	1			2					1	150-1	242	522	524	3042
≥7	112	83	33	24	19	14	10	11	4	3	1		1	1	1	7	180-1	324	1072	1085	3044
≥4	121	85	25	18	11	16	14	11	7	3	1	3	4	5	4	11	192-1	339	1346	1379	3046

HOURS DURATION OF EVENTS

14 — 39.5N 2.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34																					3019
≥28	5	2															12-2	7	9	9	3019
≥22	13	5	2														18-2	20	29	29	3019
≥17	51	18	11	1	1			1									48-1	83	137	137	3019
≥11	111	62	32	11	9	6	5				1	1			1		90-1	239	529	530	3019
≥7	118	86	36	24	25	14	10	8	8	3	3	3	4		1	1	132-1	344	1097	1133	3030
≥4	121	70	33	35	14	17	9	5	10	6	9	6	4	5	3	11	156-1	358	1496	1549	3043

HOURS DURATION OF EVENTS

16 — 39.8N 7.4E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48	1																6-1	1	1	1	3019
≥41	3																6-3	3	3	3	3019
≥34	11	1															12-1	12	13	13	3019
≥28	17	9	3	1	2												30-2	32	58	58	3019
≥22	39	16	11	9	2	2	2	1	1								54-1	83	193	193	3019
≥17	66	22	16	11	11	5	3	5	2	4		2					72-2	147	430	434	3025
≥11	109	70	38	13	17	13	14	2	9	7	4	2	1	1		8	174-1	308	1103	1115	3038
≥7	86	65	40	19	15	15	19	12	8	4	4	4	10	8	5	21	216-1	335	1814	1898	3060
≥4	56	37	23	12	10	9	9	10	4	5	4	6	6	6	6	49	300-1	252	2213	2373	3099

HOURS DURATION OF EVENTS

17 — 39.3N 15.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34	1																6-1	1	1	1	3019
≥28	1	1															12-1	2	3	3	3019
≥22	12	2	3														18-3	17	25	25	3019
≥17	26	10	6	3	1	1											36-1	47	87	87	3019
≥11	84	26	19	11	7	1	4	3		1	1					1	108-1	158	369	369	3036
≥7	120	52	33	29	10	9	8	2	6	2	3	3	1	1		7	210-1	286	934	937	3046
≥4	119	53	33	19	9	15	14	13	9	3	8	3	2	2	2	12	288-1	316	1330	1334	3050

HOURS DURATION OF EVENTS

19 — 38.0N 0.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41																					3019
≥34	2	2	2														18-2	6	12	12	3019
≥28	8	2	[illegible]	[illegible]													24-2	15	29	29	3020
≥22	23	9	5	4	1	3											36-3	45	95	95	3021
≥17	77	25	13	7	4	4	2					1					72-1	133	264	265	3021
≥11	112	63	50	19	16	7	7	11	5	3	1	1			1	2	174-1	298	882	885	3055
≥7	114	64	35	29	19	26	18	11	10	11	6	5	5	2	2	13	186-1	370	1636	1664	3063
≥4	62	47	23	18	17	17	6	5	14	12	13	11	7	3	5	32	318-1	292	2060	2139	3091

HOURS DURATION OF EVENTS

20 — 38.3N 4.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3019
≥48																					3019
≥41	1																6-1	1	1	1	3019
≥34	3	3	1														18-1	7	12	12	3019
≥28	10	5	1		2		1										42-1	19	[illegible]	41	3019
≥22	30	8	10	1	3		1			1							60-1	54	112	113	3023
≥17	66	29	17	9	5	2	4						1				78-1	133	289	293	3025
≥11	110	65	30	31	16	12	9	1	5	5	3	1	1	1	1	3	174-1	294	921	935	3054
≥7	98	59	42	29	21	22	21	11	8	5	6	4	6	4	2	17	186-1	355	1655	1737	3065
≥4	67	36	29	18	15	16	13	10	6	15	4	5	9	4	9	36	258-1	292	2079	2187	3079

HOURS DURATION OF EVENTS

WIN

WIND SPEED DURATIONS

43.3N 15.3E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34	6	1	1	1	1												6-1	1	1	1	3019
>28	18	3	5	5	5												18-1	3	5	5	3019
>22	36	17	25	25	25												36-1	17	25	25	3019
>17	42	41	83	83	83												42-1	41	83	83	3020
>11	72	131	300	301	301												72-1	131	300	301	3030
>7	114	231	683	688	688												114-1	231	683	688	3038
>4	38	258	863	868	868												38-1	258	863	868	3043

3 — 42.3N 4.5E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48	1																6-1	1	1	1	3019
>41	4	3															12-3	7	10	10	3019
>34	15	1	1	2	1												30-1	21	34	34	3019
>28	34	7	5		4	1	1	2									48-2	54	112	112	3023
>22	57	27	11	7	4	6	3	1	1	2				1		1	96-1	121	316	316	3027
>17	91	40	27	9	11	4	7	5	2	2	2	2	1	1		2	102-1	207	613	614	3031
>11	114	75	34	10	17	9	18	11	5	3	6	5	3	2	1	14	234-1	327	1334	1351	3052
>7	64	53	41	17	11	10	13	8	6	7	10	3	8	5	6	32	240-1	294	1919	2009	3071
>4	65	24	22	10	7	4	8	7	5	10	12	1	7	2	6	47	372-1	237	2137	2269	3072

HOURS DURATION OF EVENTS

41.6N 3.7E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41	1																6-1	1	1	1	3019
>34	4	2															12-2	6	8	8	3019
>28	29	7	3														18-3	39	52	52	3019
>22	57	14	16	6	1	1	1	1		1							60-1	98	193	193	3026
>17	79	26	15	18	9	8	1		5							1	96-1	162	409	409	3034
>11	109	41	22	16	15	13	15	4	8	3	2	1	2	1	2	7	138-1	267	959	960	3049
>7	76	61	35	20	15	16	16	13	9	6	9	3	3	6	3	17	246-1	308	1606	1609	3072
>4	61	46	24	15	13	20	9	6	9	6	12	4	7	4	6	36	306-1	278	2039	2076	3095

HOURS DURATION OF EVENTS

6 — 41.9N 8.1E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																	6-1	1	1	1	3019
>34	4	2															12-2	6	8	8	3019
>28	29	7	3														18-3	39	52	52	3019
>22	57	14	16	6	1	1	1	1		1							60-1	98	193	193	3026
>17	79	26	15	18	9	8	1		5							1	96-1	162	409	409	3034
>11	109	41	22	16	15	13	15	4	8	3	2	1	2	1	2	7	138-1	267	959	960	3049
>7	76	61	35	20	15	16	16	13	9	6	9	3	3	6	3	17	246-1	308	1606	1609	3072
>4	61	46	24	15	13	20	9	6	9	6	12	4	7	4	6	36	306-1	278	2039	2076	3095

HOURS DURATION OF EVENTS

41.1N 5.5E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48	3																				3019
>41	12	8	13	13																	3019
>34	35	24	47	47																	3019
>28	48	56	133	133																	3021
>22	120	157	311	311																	3027
>17	162	206	623	624																	3032
>11	216	301	1416	1422																	3047
>7	330	285	2009	2068																	3082
>4	492	330	2264	2364																	3099

HOURS DURATION OF EVENTS

9 — 40.1N 1.2E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34	1																6-1	1	1	1	3019
>28	5		1														18-1	6	8	8	3019
>22	21	2	2		1												30-1	26	36	36	3019
>17	67	14	11	1			1										48-1	94	140	141	3019
>11	160	76	46	18	7	6	2	1			1				1	2	150-1	320	685	694	3044
>7	129	70	66	26	24	20	9	8	6	2	6	2	4	3	3	8	174-1	386	1402	1451	3049
>4	103	57	47	26	20	12	13	17	12	7	7	5	3	6	2	21	192-1	358	1783	1838	3054

HOURS DURATION OF EVENTS

40.7N 11.7E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34																					3019
>28	18	7	13	13																	3019
>22	36	41	61	61																	3019
>17	60	96	183	183																	3020
>11	90	239	609	613																	3020
>7	198	332	1267	1279																	3045
>4	354	304	1653	1692																	3064

HOURS DURATION OF EVENTS

12 — 40.6N 18.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34	1																6-1	1	1	1	3019
>28	2		1														18-1	3	5	5	3019
>22	20	1	1														18-1	22	25	25	3019
>17	42	17	5	3													24-3	67	103	103	3019
>11	109	36	23	12	6	9	3	2	1	1							60-1	202	438	446	3024
>7	104	69	45	26	16	10	9	11	3	7	2	1	2	1		4	120-1	310	1016	1056	3036
>4	87	65	31	23	16	12	15	11	12	5	4	5	9	2	4	15	192-1	316	1526	1577	3051

HOURS DURATION OF EVENTS

39.5N 2.2E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34																					3019
>28	12	7	9	9																	3019
>22	18	20	29	29																	3019
>17	48	83	137	137																	3019
>11	90	239	529	530																	3019
>7	132	344	1097	1133																	3030
>4	156	358	1496	1549																	3043

HOURS DURATION OF EVENTS

15 — 39.8N 5.7E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48	1																6-1	1	1	1	3019
>41	3																6-3	3	3	3	3019
>34	6	4															12-4	10	14	14	3019
>28	14	9		2	1												30-1	26	45	45	3019
>22	42	13	8	4	4		2										42-2	73	142	142	3019
>17	61	24	22	15	9	1	1	3	2	3					1		90-1	142	380	383	3019
>11	110	49	36	27	12	14	11	7	5	5	4	1		3		6	198-1	290	1026	1038	3026
>7	75	53	34	21	18	19	12	10	14	8	10	7	4	5	3	19	264-1	312	1730	1800	3055
>4	53	21	23	14	10	9	12	11	8		8	8	7	6	5	45	408-1	240	2141	2329	3100

HOURS DURATION OF EVENTS

39.3N 15.2E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34	6	1	1	1																	3019
>28	14	2	3	3																	3019
>22	18	17	25	25																	3019
>17	16	41	87	87																	3019
>11	58	158	369	369																	3036
>7	210	286	934	937																	3046
>4	288	316	1330	1334																	3050

HOURS DURATION OF EVENTS

18 — 39.3N 17.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41																					3019
>34		1															12-1	1	2	2	3019
>28		1															12-1	2	3	3	3019
>22	17	2	1														18-1	20	24	24	3019
>17	53	13	8	2	1	1											36-1	78	122	122	3019
>11	99	51	29	8	16	7	6	6	2		2	2					72-2	228	596	599	3023
>7	109	73	39	27	20	9	12	14	5	4	4	4	2	1	1	6	186-1	330	1203	1245	3032
>4	93	67	29	18	17	13	9	9	15	4	4	9	6	4	5	21	222-1	323	1673	1729	3039

HOURS DURATION OF EVENTS

38.3N 4.1E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41		7																			3019
>34	6	7	12	12																	3019
>28	42	19	40	41																	3019
>22	60	54	112	113																	3023
>17	78	133	289	293																	3025
>11	174	294	927	935																	3054
>7	196	355	1655	1737																	3065
>4	268	292	2079	2187																	3079

HOURS DURATION OF EVENTS

21 — 38.5N 7.5E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48	1	1															12-1	2	3	3	3019
>41	1	1	1														18-1	3	6	6	3019
>34	4	1	2														18-2	8	13	13	3019
>28	17	8	3	2	1												30-1	31	55	55	3019
>22	44	18	13	6	3	3			1								54-1	88	185	185	3019
>17	91	19	25	13	10	5	3	4	2	1					1	1	114-1	195	491	493	3021
>11	111	67	41	25	12	15	14	12	7	5		4	1	1		12	204-1	327	1253	1288	3035
>7	66	53	33	25	21	13	9	6	10	6	6	6	7	6	29		246-1	302	1897	2001	3052
>4	38	21	19	15	12	11	7	3	10	3	5	1	5	3	4	56	408-1	213	2251	2422	3084

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

22 38.6N 9.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48	1																6-1		1	1	3019
>41	1	2															12-2	3	5	5	3019
>34	9	2	3														18-3	14	22	22	3019
>28	30	6	3	3													24-3	42	63	63	3019
>22	66	23	14	3	4	3					1						66-1	111	215	218	3029
>17	108	53	24	7	8	12	3	2	1	3						1	120-1	222	522	528	3037
>11	108	77	46	12	14	26	15	8	4	6	4	2		1	2	9	162-1	334	1225	1247	3048
>7	74	51	31	21	21	12	16	8	9	8	6	7	6	9	6	25	204-1	310	1874	1955	3062
>4	42	28	21	12	15	3	13	5	4	4	4	6	3	6	9	53	252-1	228	2176	2345	3075

HOURS DURATION OF EVENTS

23

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41	3	2												
>34	9	2	1											
>28	16	8	3	2	1									
>22	48	16	12	5	4	2								
>17	83	41	25	12	10	5	8	1						
>11	75	65	44	29	14	15	8	5	5	5	6	4	3	
>7	69	41	44	23	20	7	15	10	10	12	5	5	6	4
>4	52	23	16	14	8	8	7	5	13	7	4	8	3	3

HOURS DURATION OF EVENTS

25 38.6N 18.6E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3019
>48																					3019
>41	1																6-1	1	1	1	3019
>34	2	1															12-1	3	4	4	3019
>28	5		1		1												30-1	7	13	13	3023
>22	16	12	4						1								60-1	33	62	62	3028
>17	44	37	12	9	1			1						1			84-1	105	217	217	3032
>11	121	45	36	17	13	16	8	6	4	2	3	3	3	1		1	126-1	279	851	863	3039
>7	90	47	47	34	22	23	8	13	5	5	6	5	4	3	5	17	174-1	334	1596	1651	3063
>4	77	34	38	17	23	10	10	12	9	10	4	6	8	3	7	32	234-1	300	1931	2018	3069

HOURS DURATION OF EVENTS

26

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34	2													
>28	9	3	1											
>22	25	9	8	4	3									
>17	78	32	13	8	5	2	2	1		1	2			
>11	99	57	35	17	12	10	9	3	5	3	1			
>7	95	66	38	20	24	11	19	6	6	6	9	5	2	2
>4	80	54	27	18	15	13	16	9	6	10	6	6	3	2

HOURS DURATION OF EVENTS

28 36.0N 35.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3018
>48																					3018
>41																					3018
>34																					3018
>28	1																6-1	1	1	1	3018
>22	12	3															12-3	15	18	18	3018
>17	20	14	2	2		1											36-1	39	68	68	3018
>11	73	37	14	10	12	5	2								1		90-1	154	348	351	3022
>7	126	70	35	23	15	14	7	3	7	3	1	3	1			4	150-1	312	921	925	3044
>4	137	63	42	26	12	22	16	7	6	10	7	3	8	4	1	1	228-1	371	1464	1515	3083

HOURS DURATION OF EVENTS

29

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34	1													
>28	10	1		1										
>22	33	10	3	1		1								
>17	85	43	13	1	5	2				1				
>11	108	48	44	19	10	20	4	4	8	4	2	2		
>7	77	68	33	17	16	20	15	8	6	9	2	5		
>4	66	46	32	19	18	16	13	14	13	11	6	3	4	

HOURS DURATION OF EVENTS

31 37.1N 5.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3018
>48																					3018
>41																					3018
>34	1																6-1	1	1	1	3018
>28	6	2															12-2	8	10	10	3018
>22	12	2	2	1													24-1	17	26	26	3018
>17	55	11	6	1	2	1											36-1	76	115	115	3019
>11	125	54	37	18	9	6					1				1	1	186-1	302	604	612	3052
>7	142	74	54	43	30	18	21	10	5	1	9	3	2	3	2	3	186-1	420	1463	1490	3059
>4	49	41	39	27	20	9	23	10	10	9	6	6	8	6	6	37	240-2	306	2157	2264	3072

HOURS DURATION OF EVENTS

32

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34		1												
>28	4	2		1										
>22	26	7	5	1										
>17	67	13	7	8	2	1	1							
>11	77	63	50	13	10	8	8		2		1			
>7	87	87	52	23	24	17	16	11	10	5	2	3	4	
>4	61	37	17	12	13	14	8	10	4	9	4	11	5	

HOURS DURATION OF EVENTS

34 36.4N 28.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3017
>48																					3017
>41																					3017
>34	1																6-1	1	1	1	3017
>28	2																6-2	2	2	2	3017
>22	14	2	1		1												36-1	18	27	27	3017
>17	63	20	10	1	2	2	2										42-2	100	173	173	3018
>11	115	74	37	19	15	9	5	5	6	5	3	1	1			4	156-1	299	905	927	3047
>7	87	49	40	17	16	19	16	10	6	11	9	3	3	3	4	20	300-1	508	1641	1774	3073
>4	65	41	29	16	9	15	10	10	11	6	9	5	7	5	4	36	426-1	278	1967	2173	3105

HOURS DURATION OF EVENTS

35

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22	6	2												
>17	27	12	1		1	2								
>11	77	48	19	9	12	3	2			2				
>7	122	69	38	16	22	14	5	9	6	5	1	2		
>4	76	57	34	18	20	17	9	12		15	11			

HOURS DURATION OF EVENTS

37 36.5N 19.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3017
>48																					3017
>41	1																6-1	1	1	1	3017
>34	3	1															12-1	4	5	5	3017
>28	6	3															12-3	9	12	12	3017
>22	28	10	4	5	1	1											36-1	49	91	93	3022
>17	72	28	17	5	8	4	1	1	2			1					72-1	139	308	313	3028
>11	128	52	40	26	14	12	2	10	7	4	1	1	1	2		5	138-1	305	953	978	3036
>7	81	59	35	21	35	14	8	10	11	10	7	5	7	4	3	16	192-1	326	1665	1741	3043
>4	58	34	11	22	11	10	3	15	9	5	9	4	3	4	7	42	306-1	247	2066	2191	3064

HOURS DURATION OF EVENTS

38

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41	1													
>34	3													
>28	4	2	1											
>22	20	10	3	2										
>17	71	39	10	6	4	2								
>11	128	60	41	22	19	8	11	6	1	2				
>7	114	63	33	30	29	15	17	9	12	5	9	5	5	
>4	87	30	30	22	13	14	12	7	8	13	5	3	4	5

HOURS DURATION OF EVENTS

40 36.0N 25.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																					3017
>48																					3017
>41																					3017
>34	5	1															12-1	6	7	7	3017
>28	12	6	3	1	1												30-1	23	42	42	3017
>22	48	18	3	4	1	3		1			1		1				78-1	86	182	182	3017
>17	63	29	14	10	8	3	3	1		2	1	1	1		1	3	132-1	140	418	427	3032
>11	94	48	44	15	15	11	6	3	5	4	4	3	5		1	8	414-1	267	1050	1105	3059
>7	78	57	39	23	11	16	11	16	6	8	4	4	5	5	3	22	426-1	303	1686	1797	3068
>4	47	31	19	8	9	10	9	9	9	5	6	6	5	7	5	43	1608-1	228	2310	2498	3295

HOURS DURATION OF EVENTS

41

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34	1													
>28	1		1											
>22	16	7	1	2										
>17	57	22	9	4		3			1		1			
>11	110	77	45	21	9	13	6	2	3	6	4	1	2	
>7	80	64	37	23	23	30	2	5	13	9	5	1	6	6
>4	41	26	13	16	14	13	8	1	1	5		1	3	8

HOURS DURATION OF EVENTS

23 38.6N 10.9E

HOURS DURATION OF EVENTS

24 38.7N 12.6E

HOURS DURATION OF EVENTS

26 38.1N 25.4E

HOURS DURATION OF EVENTS

27 37.4N 1.7E

HOURS DURATION OF EVENTS

29 36.0N 4.0W

HOURS DURATION OF EVENTS

30 36.5N 0.7W

HOURS DURATION OF EVENTS

32 37.3N 11.8E

HOURS DURATION OF EVENTS

33 36.6N 26.9E

HOURS DURATION OF EVENTS

35 35.9N 31.8E

HOURS DURATION OF EVENTS

36 35.6N 2.2W

HOURS DURATION OF EVENTS

38 36.3N 22.6E

HOURS DURATION OF EVENTS

39 36.2N 24.3E

HOURS DURATION OF EVENTS

41 35.3N 30.8E

HOURS DURATION OF EVENTS

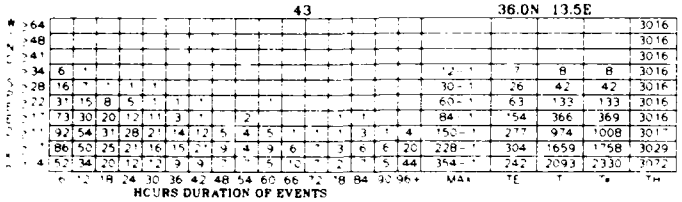
42 34.7N 34.8E

HOURS DURATION OF EVENTS

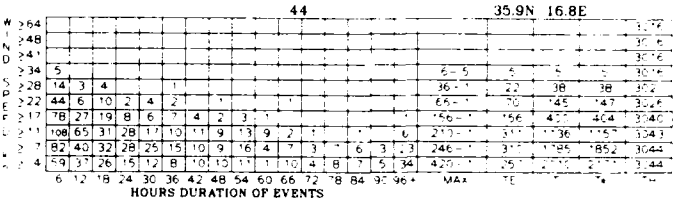
SPRING

WIND SPEED

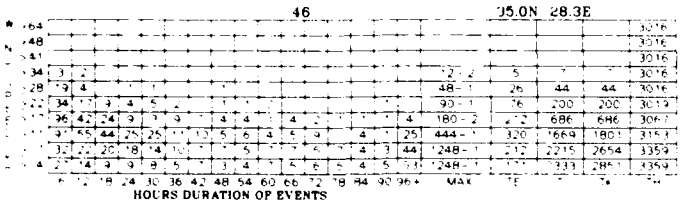
43 36.0N 13.5E



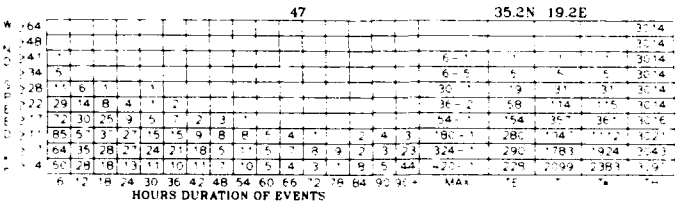
44 35.9N 16.8E



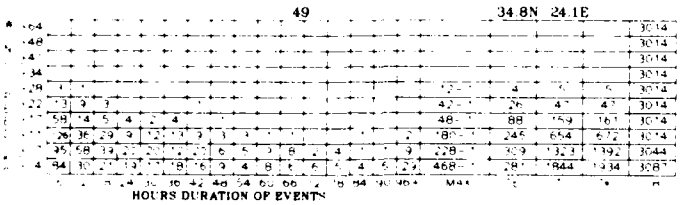
46 35.0N 28.3E



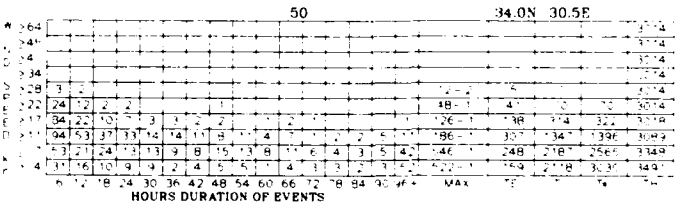
47 35.2N 19.2E



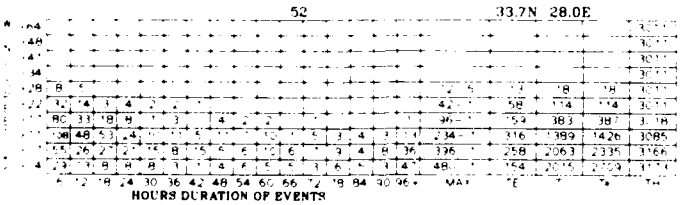
49 34.8N 24.1E



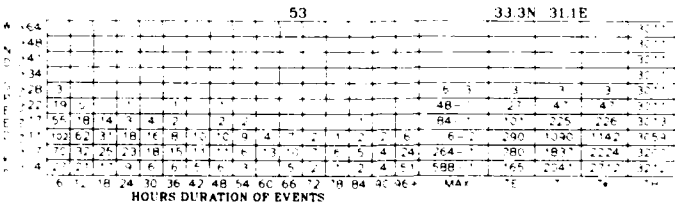
50 34.0N 30.5E



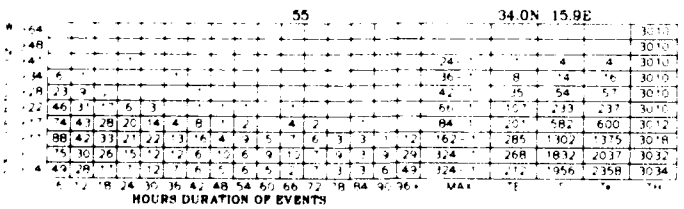
52 33.7N 28.0E



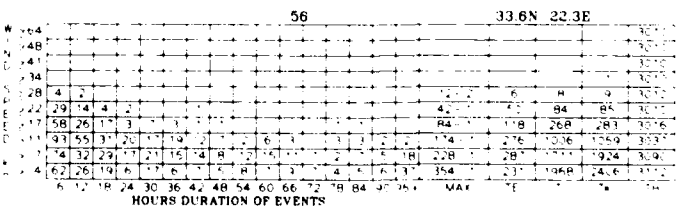
53 33.3N 31.1E



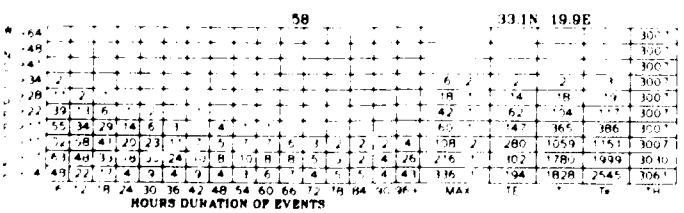
55 34.0N 15.9E



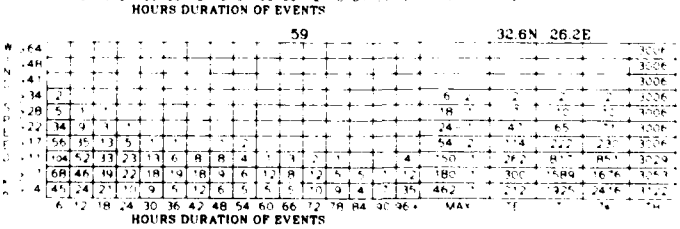
56 33.6N 22.3E



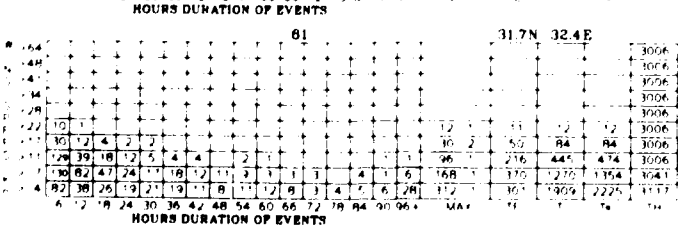
58 33.1N 19.9E



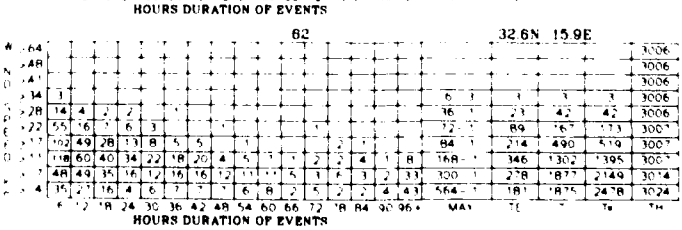
59 32.6N 26.2E



61 31.7N 32.4E



62 32.6N 15.9E



WIND SPEED DURATIONS (Cont'd)

35.9N 16.8E

[illegible]

45 — 35.2N 26.6E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3016
≥48																					3016
≥41																					3016
≥34	6	2															12 - 2	8	10	10	3016
≥28	15	6	2	2			1			1							60 - 1	27	58	58	3016
≥22	37	21	8	4	3	1	1		1		1	1		1			84 - 1	79	193	193	3020
≥17	75	33	17	7	1	7	2	2	2		2		1	3		3	156 - 1	161	483	499	3044
≥11	[illegible]	62	36	19	14	14	8	8	4	9	3	2	4	1	2	13	252 - 1	300	1253	1319	3084
≥7	68	37	30	23	15	15	11	4	7	8	7	5	4	9	8	30	270 - 1	281	1848	2067	3106
≥4	[illegible]	19	[illegible]	10	5	14	6	6	5	7	9	8	8	9	7	43	366 - 1	224	2017	2362	3112

HOURS DURATION OF EVENTS

35.2N 19.2E

[illegible]

48 — 35.1N 20.8E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3014
≥48																					3014
≥41	1																6 - 1	1	1	1	3014
≥34	4																6 - 4	4	4	4	3014
≥28	11	4	1														18 - 1	16	22	22	3014
≥22	27	15	8	4	2		1										42 - 1	57	114	114	3014
≥17	65	26	22	8	8	5	2	1	2			1					72 - 1	140	337	339	3016
≥11	108	48	37	27	15	11	12	6	3	7	3	2	2	1	4	3	210 - 1	295	1053	1085	3023
≥7	[illegible]	33	35	25	18	17	13	15	14	10	11	6	5	3	5	22	246 - 1	303	1855	1950	3055
≥4	38	29	25	[illegible]	16	13	7	11	7	6	8	11	7	4	6	43	324 - 1	241	2204	2334	3108

HOURS DURATION OF EVENTS

34.0N 30.5E

[illegible]

51 — 33.5N 33.6E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3014
≥48																					3014
≥41																					3014
≥34		[illegible]															12 - [illegible]	[illegible]	2	2	3014
≥28	[illegible]			[illegible]													24 - [illegible]	3	6	6	3014
≥22	14	3	[illegible]	[illegible]													48 - [illegible]	20	35	35	3014
≥17	40	18	4	4	2	2	[illegible]										96 - [illegible]	72	149	151	3014
≥11	[illegible]	52	30	9	13	9	[illegible]	8	4	3	[illegible]					4	132 - [illegible]	245	[illegible]	768	3027
≥7	76	66	43	25	[illegible]	19	[illegible]	10	13	6	[illegible]	8	5	6	5	14	192 - [illegible]	327	1638	1723	3081
≥4	66	37	25	14	8	16	[illegible]	[illegible]	6	3	5	8	5	[illegible]	9	44	1260 - 1	252	2306	2629	3335

HOURS DURATION OF EVENTS

33.3N 31.1E

[illegible]

54 — 34.0N 12.7E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3010
≥48																					3010
≥41																					3010
≥34	4																6 - 4	4	4	4	3010
≥28	9	6		2													[illegible]	[illegible]	[illegible]	29	3010
≥22	41	[illegible]	[illegible]	4		[illegible]											[illegible]	66	126	126	[illegible]
≥17	74	28	14	8	8	4	[illegible]			[illegible]	[illegible]						78 - [illegible]	145	352	356	[illegible]
≥11	[illegible]	[illegible]	33	20	18	15	14	[illegible]	5	8	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	198 - [illegible]	306	1069	[illegible]	3025
≥7	69	[illegible]	35	22	14	22	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]		4	[illegible]	318 - 1	308	1830	1956	3038
≥4	[illegible]	[illegible]	23	[illegible]	[illegible]	[illegible]	5	8	[illegible]	2	8	4	6	[illegible]	[illegible]	46	118 - [illegible]	213	1959	2445	3044

HOURS DURATION OF EVENTS

33.6N 22.3E

[illegible]

57 — 33.2N 18.3E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3007
≥48																					3007
≥41																				3	3007
≥34		[illegible]															12 - [illegible]	2	[illegible]	[illegible]	3007
≥28	[illegible]	[illegible]															24 - [illegible]	15	[illegible]	27	3007
≥22	[illegible]	[illegible]	[illegible]	[illegible]													54 - [illegible]	79	[illegible]	169	3007
≥17	[illegible]	[illegible]	22	14	6	[illegible]	[illegible]	4	3		[illegible]						66 - [illegible]	159	404	427	3007
≥11	[illegible]	58	18	32	12	[illegible]		5	8	[illegible]	[illegible]	5	3			9	138 - [illegible]	287	1162	1240	3008
≥7	[illegible]	41	29	[illegible]	[illegible]	[illegible]	[illegible]	13	14	[illegible]	8	6	3	5	2	26	192 - [illegible]	277	1761	1974	3019
≥4	43	24	[illegible]	16	[illegible]	[illegible]	[illegible]	6	6	[illegible]	6	4	[illegible]	6	6	[illegible]	420 - [illegible]	[illegible]	1923	2384	3030

HOURS DURATION OF EVENTS

32.6N 26.2E

[illegible]

60 — 32.2N 29.3E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3006
≥48																					3006
≥41																					3006
≥34																					3006
≥28	[illegible]																6 - [illegible]	[illegible]	[illegible]	[illegible]	3006
≥22	[illegible]	[illegible]	[illegible]														19 - [illegible]	[illegible]	36	36	3006
≥17	4	4	[illegible]		[illegible]												78 - [illegible]	93	188	193	3007
≥11	4	6	[illegible]	[illegible]	8	[illegible]	[illegible]			[illegible]						4	[illegible]	284	961	[illegible]	3046
≥7	88	[illegible]	[illegible]	28	18	[illegible]	8	[illegible]	[illegible]	6	[illegible]	8	4	[illegible]	[illegible]	25	408 - [illegible]	318	[illegible]	[illegible]	[illegible]
≥4	43	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	3	2	[illegible]	[illegible]	[illegible]	6	6	[illegible]	492 - [illegible]	[illegible]	[illegible]	2445	3116

HOURS DURATION OF EVENTS

32.6N 15.9E

[illegible]

63 — 31.2N 18.9E

Speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																					3005
≥48																					3005
≥41																				[illegible]	3005
≥34																	[illegible]	[illegible]	[illegible]	2	3005
≥28	6	1															[illegible]	[illegible]	12	14	3005
≥22	[illegible]	[illegible]		[illegible]													[illegible]	61	[illegible]	[illegible]	3005
≥17	[illegible]	[illegible]	2	3	6	[illegible]	[illegible]										66 - [illegible]	159	382	399	3005
≥11	8	[illegible]	19	19	26	16	[illegible]		4	[illegible]					[illegible]	[illegible]	98 - [illegible]	280	1085	1184	3007
≥7	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8		[illegible]	6	[illegible]	[illegible]	18	160 - [illegible]	299	1680	1945	3036
≥4	4	[illegible]	[illegible]	[illegible]	[illegible]	8		8	8	4				3	6	16	498 - [illegible]	[illegible]	1894	2460	3055

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS

1 — 43.9N 8.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34	4																6-4	4	4	4	3043
≥28	7	1			1												30-1	9	14	14	3043
≥22	16	3			1												30-1	20	27	29	3043
≥17	37	17	3			1											36-1	58	86	91	3043
≥11	83	40	19	4	6	5	2	1			1						66-1	161	329	341	3043
≥7	132	57	35	22	15	15	6	5	2	4	1	1			1	3	156-1	299	847	873	3046
≥4	124	49	27	23	15	16	12	11	8	4	4	8	3	2	2	13	216-1	321	1356	1461	3050

HOURS DURATION OF EVENTS

4 — 42.5N 6.3E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41	6		1														18-1	7	9	9	3043
≥34	12	6	1				1										42-1	20	34	35	3043
≥28	41	5	2	3	2					1							60-1	54	89	92	3043
≥22	66	23	16	11	1	2	2	2	1			1	1				78-1	126	285	293	3044
≥17	77	36	25	15	6	6	11	2	1	2	3	1		2		2	120-1	189	581	601	3044
≥11	88	42	23	19	12	11	9	11	5	[illegible]	7	4	2			11	234-1	251	1082	1129	3050
≥7	83	37	34	25	17	10	10	13	9	3	5	1	6	3	5	24	234-1	285	1615	1754	3055
≥4	65	29	20	22	11	10	13	11	10	3	1	6	1	3	6	40	396-1	251	1921	2103	3123

HOURS DURATION OF EVENTS

7 — 42.0N 9.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34	1																6-1	1	1	1	3043
≥28	4	1															12-1	5	6	6	3043
≥22	1	1	1														18-1	13	16	16	3043
≥17	30	10		1		1											36-1	42	60	60	3044
≥11	80	58	15	7	4		2				1		1				78-1	168	327	335	3046
≥7	109	61	39	26	12	9	8	2	2	1		2				2	144-1	273	733	752	3048
≥4	136	5[illegible]	28	22	17	13	12	4	8	4	1	4	3		2	3	144-1	312	1004	1048	3052

HOURS DURATION OF EVENTS

10 — 40.3N 3.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41	1																6-1	1	1	1	3043
≥34	1																6-1	1	1	1	3043
≥28	2																6-2	2	2	2	3043
≥22	12	2															12-2	14	16	16	3043
≥17	3[illegible]	[illegible]	1	2	1												30-1	46	69	69	3043
≥11	152	56	19	10	6	2	1	1									48-1	247	418	426	3043
≥7	148	80	46	22	25	16	10	7	10		5	1		1	1	1	114-1	373	1086	1124	3044
≥4	[illegible]	56	44	25	17	9	14	11	10	8	4	6	5	5	2	12	192-1	338	1496	1560	3044

HOURS DURATION OF EVENTS

13 — 40.1N 24.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34	1																6-1	1	1	1	3043
≥28	4																6-4	4	4	4	3043
≥22	8	2	2														18-2	12	18	18	3043
≥17	29	4	2				1										42-1	38	59	60	3043
≥11	93	26	9	5	3	3	3	2									138-1	145	285	292	3043
≥7	115	79	27	19	10	6	4	4				3	1	1	1	2	[illegible]	296	759	787	3043
≥4	156	9[illegible]	11	20	[illegible]	4	1	1	4			3	1	1	1	5	186-1	355	964	946	3043

HOURS DURATION OF EVENTS

16 — 39.8N 7.4E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																	12-1	1	2	2	3043
≥34																	48-1	[illegible]	9	9	3043
≥28	[illegible]																[illegible]	[illegible]	24	24	3043
≥22	31	[illegible]	2	3													[illegible]	[illegible]	45	[illegible]	3043
≥17	74	18	13	8					4								78-1	[illegible]	286	295	3043
≥11	126	48	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			1			[illegible]	1	6	126-2	[illegible]	904	923	305[illegible]
≥7	86	64	[illegible]	[illegible]	16	18	[illegible]		6	[illegible]	5	4			6	20	180-1	3[illegible]	1564	1665	3054
≥4	[illegible]	[illegible]	[illegible]	[illegible]	8	8	[illegible]		[illegible]	8	9	[illegible]	4			1[illegible]	288-1	26[illegible]	184[illegible]	[illegible]	306[illegible]

HOURS DURATION OF EVENTS

19 — 38.0N 0.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																	6-1	1	1	1	3043
≥28	3																6-3	3	3	3	3043
≥22	18	2															12-2	25	32	32	3043
≥17	55	23	3		2	2											48-1	91	159	160	3043
≥11	[illegible]	68	40	15	7	6			2	4	1						168-1	305	[illegible]	734	3043
≥7	125	8[illegible]	41	24	29	[illegible]	[illegible]	4	[illegible]	4	5					[illegible]	[illegible]	380	1456	1527	3052
≥4	[illegible]	49	26	18	25	21	16	6	[illegible]	14	2	3	6		1	22	[illegible]	[illegible]	1788	1960	3058

HOURS DURATION OF EVENTS

2

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34												
≥28	1											
≥22	4											
≥17	12	4		1	1							
≥11	59	17	7	1	3	1					1	
≥7	93	50	20	6	8	6	3	1		1		
≥4	108	59	23	10	11	8	6		1	1		

HOURS DURATION OF EVENTS

5

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34												
≥28	2											
≥22	12	1										
≥17	49	11	3		1							
≥11	179	70	23	11	4	4	5	1	1			
≥7	126	91	48	30	22	15	17	9	5	5		8
≥4	104	59	35	25	17	13	12	12	8	10	6	[illegible]

HOURS DURATION OF EVENTS

8

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41		1			1							
≥34	5		2							1		
≥28	30	11	3					1				
≥22	43	20	14	5	5	1		2		1	1	
≥17	77	39	17	6	11	9	4	1	2	1	1	2
≥11	96	46	30	19	15	18	11	7	4		5	5
≥7	79	37	28	15	12	10	9	9	9	6	3	7
≥4	70	28	16	8	10	7	7	8	5	7	[illegible]	[illegible]

HOURS DURATION OF EVENTS

11

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34												
≥28	2											
≥22	8		1	1								
≥17	44	12	2	1		1						
≥11	137	50	18	13	9	3	2	2	1	1	1	
≥7	119	60	33	41	19	12	11	7	3	4	1	2
≥4	39	50	33	26	27	12	8	10	7	5	4	5

HOURS DURATION OF EVENTS

14

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34												
≥28												
≥22	1											
≥17	23	6	3	2								
≥11	92	48	18	7	2	4	1					
≥7	126	87	43	26	11	7	6			2	2	
≥4	147	87	43	27	16	17	11	[illegible]	3	4	2	[illegible]

HOURS DURATION OF EVENTS

17

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34												
≥28	1											
≥22	2											
≥17	6	3										
≥11	65	24										
≥7	[illegible]	63	26	14	7	4	6	[illegible]	4	[illegible]	[illegible]	
≥4	[illegible]	54	39	[illegible]	[illegible]	[illegible]	5	6	[illegible]	[illegible]	[illegible]	

HOURS DURATION OF EVENTS

20

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34												
≥28	6											
≥22	18	2	2									
≥17	[illegible]	6	9		4							
≥11	[illegible]	51	46	15	10	[illegible]	[illegible]	[illegible]	[illegible]	4		
≥7	103	56	46	26	25	16	4	[illegible]	[illegible]	[illegible]		
≥4	87	43	28	[illegible]	[illegible]	16	[illegible]	16	[illegible]	[illegible]	[illegible]	4

HOURS DURATION OF EVENTS

SUMMER

2 — 43.3N 15.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	1																6-1	1	1	1	3043
≥22	4																6-4	4	4	4	3043
≥17	12	4		1	1												30-1	18	29	29	3043
≥11	59	17	1	1	3	1					1						66-1	89	150	151	3043
≥7	93	50	20	6	8	6	3	1		1			1	1		2	102-1	192	452	459	3045
≥4	108	59	23	10	11	8	6		1	1			1	1		2	102-1	231	559	570	3049

HOURS DURATION OF EVENTS

3 — 42.3N 4.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48		1															12-1	1	2	2	3043
≥41	1		1														18-1	2	4	4	3043
≥34	9	1								1							60-1	11	21	21	3043
≥28	39	9	2	3										1			84-1	54	89	89	3043
≥22	57	29	12	6	4	2		4		1				2			84-2	117	277	287	3043
≥17	87	40	13	15	10	5	4	3	4	4	3	1	1	1		1	114-1	192	565	585	3043
≥11	106	51	25	13	9	12	8	8	3	5	4	2	2	5	1	15	240-1	269	1126	1219	3044
≥7	81	42	30	20	16	13	12	10	8	6	7	7	4	3	5	28	246-1	292	1716	1876	3067
≥4	68	28	21	19	12	15	13	8	8	6	8	7	4	5	4	36	246-1	262	1896	2075	3076

HOURS DURATION OF EVENTS

5 — 41.6N 3.7E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	2																6-2	2	2	2	3043
≥22	12	1															12-1	13	14	14	3043
≥17	49	11	3		1												30-1	64	85	85	3043
≥11	179	70	23	11	4	4	5	1	1						1	1	102-1	300	560	569	3044
≥7	126	91	48	30	22	15	17	9	5	5		9	3	1	1	6	156-2	387	1343	1393	3047
≥4	104	59	35	25	17	13	12	12	8	10	6	3	5	3	2	24	240-1	338	1721	1852	3068

HOURS DURATION OF EVENTS

6 — 41.9N 8.1E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48	1																6-1	1	1	1	3043
≥41	3																6-3	3	3	3	3043
≥34	12																6-12	12	12	14	3043
≥28	21	9	1	2	1												30-1	34	55	57	3043
≥22	53	15	12	8	2	1	3	1									48-1	95	196	201	3043
≥17	61	24	17	10	6	4	5	3			3		2			1	138-1	136	395	420	3044
≥11	91	39	21	11	9	18	8	6	3	4	3	2	1	2	1	5	228-1	224	822	878	3051
≥7	74	56	33	18	15	14	10	12	11	4	3	5	6	3	1	14	246-1	279	1355	1454	3055
≥4	56	37	26	11	12	8	12	4	8	6	8	6	7	1	2	34	252-1	238	1692	1852	3055

HOURS DURATION OF EVENTS

8 — 41.1N 5.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41	[illegible]																30-1	2	7	7	3043
≥34	6		2														60-1	8	21	21	3043
≥28	3	11	3					1									84-1	46	83	85	3043
≥22	41	22	14	5	5	1		2		1	1					2	114-1	94	249	257	3043
≥17	[illegible]	49	17	6	11	4	4	1	2	1	1	2	1	2	1	2	150-1	176	539	556	3043
≥11	46	46	30	19	15	19	[illegible]	7	4		5	5	5	2	1	12	192-1	275	1173	1232	3045
≥7	74	31	28	16	12	12	9	7	9	6	3	7	3	8	4	31	240-1	270	1730	1900	3063
≥4	77	28	16	8	[illegible]	[illegible]	[illegible]	8	5	7	2	2	4	2	5	46	366-1	227	1892	2096	3077

HOURS DURATION OF EVENTS

9 — 40.1N 1.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28																					3043
≥22	14	1															12-1	15	16	16	3043
≥17	49	8	1	2	1		1										42-1	62	88	88	3043
≥11	170	66	25	8	3	5	4	2							1	1	138-1	285	536	542	3043
≥7	129	84	44	30	27	16	7	3	6	2	4	5		4	3	5	144-2	369	1237	1284	3055
≥4	148	73	39	38	21	20	11	7	11	5	6	1	3	4	3	10	174-1	400	1505	1578	3059

HOURS DURATION OF EVENTS

11 — 40.7N 11.7E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	[illegible]																6-2	2	2	2	3043
≥22	[illegible]		[illegible]														24-1	10	15	15	3043
≥17	44	[illegible]	[illegible]														36-1	60	84	84	3043
≥11	[illegible]	[illegible]	18	[illegible]	4	3	[illegible]										66-1	207	436	442	3049
≥7	[illegible]	[illegible]	33	4	9	2				4						4	144-1	322	1065	1081	3053
≥4	[illegible]	[illegible]	43	26	[illegible]	[illegible]	8			5	4					15	204-1	308	[illegible]	1441	[illegible]

HOURS DURATION OF EVENTS

12 — 40.6N 18.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	2																6-2	2	2	2	3043
≥22	18	2															12-2	20	22	22	3043
≥17	38	10	3	1													24-1	52	71	73	3043
≥11	104	59	20	8	3		2	1	1	1							60-1	99	370	383	3043
≥7	126	77	37	23	14	12	4	4	6	5	4	2			1	2	144-1	296	892	917	3057
≥4	104	68	40	19	8	9	9	9	6	8	5	3	2	2		11	228-1	303	1183	1224	3069

HOURS DURATION OF EVENTS

14 — 39.5N 2.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28																					3043
≥22																					3043
≥17	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	3043
≥11	[illegible]	48	18			4											[illegible]	[illegible]	[illegible]	[illegible]	3044
≥7	[illegible]	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]	3044
≥4	[illegible]	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

15 — 39.8N 5.7E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41	[illegible]																6-[illegible]	[illegible]	[illegible]	[illegible]	3043
≥34	[illegible]																6-[illegible]	[illegible]	[illegible]	[illegible]	3043
≥28	[illegible]																18-1	6	10	10	3043
≥22	[illegible]																42-[illegible]	[illegible]	44	44	3043
≥17	56	14	[illegible]	4	[illegible]												54-[illegible]	89	165	166	3043
≥11	112	36	22	6	[illegible]	8	[illegible]										[illegible]	[illegible]	[illegible]	650	3044
≥7	108	[illegible]	34	[illegible]		[illegible]	[illegible]	[illegible]	8	8				4	9		[illegible]	[illegible]	1349	[illegible]	3073
≥4	89	40	29	[illegible]													246-[illegible]	[illegible]	[illegible]	[illegible]	3078

HOURS DURATION OF EVENTS

17 — 39.3N 15.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					[illegible]
≥48																					[illegible]
≥41																					[illegible]
≥34																					[illegible]
≥28																					[illegible]
≥22																					[illegible]
≥17	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥11	[illegible]																[illegible]	[illegible]	164	[illegible]	[illegible]
≥7	[illegible]			4		4											[illegible]	[illegible]	605	[illegible]	[illegible]
≥4	[illegible]																[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

18 — 39.3N 17.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28																					3043
≥22	[illegible]																[illegible]	[illegible]	14	14	3043
≥17	[illegible]																42-[illegible]	[illegible]	85	85	3043
≥11	[illegible]																[illegible]	[illegible]	488	501	3046
≥7	106	[illegible]	[illegible]	14		15		8	6	[illegible]	6					4	[illegible]	307	1298	[illegible]	3046
≥4	[illegible]	64	[illegible]	16	[illegible]	[illegible]		4			8						[illegible]	[illegible]	1369	1430	3078

HOURS DURATION OF EVENTS

20 — 38.3N 4.1E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					[illegible]
≥48																					[illegible]
≥41																					[illegible]
≥34																					[illegible]
≥28																	6	6	6	6	[illegible]
≥22																	24	24	36	36	[illegible]
≥17					4												42	[illegible]	165	168	[illegible]
≥11			48														168	[illegible]	[illegible]	[illegible]	[illegible]
≥7																	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥4																	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

21 — 38.5N 7.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																	6-[illegible]				3043
≥28	6																18	8			3043
≥22	36	8	1														60	44	75	75	3043
≥17	60	30	14	5													78	123	268	[illegible]	3043
≥11	114	63	44						3	4	3						156	295	881	892	3049
≥7	96	51	44	16	2		4	3	8	8	4	3	8	4	4	18	192	324	1581	1648	3068
≥4	[illegible]	41	28	13	11	[illegible]	3	9	3	8	10				4	36	276	278	[illegible]	2043	[illegible]

HOURS DURATION OF EVENTS

SUMMER

WIND SP

22 — 38.6N 9.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41	1																6 - 1	1	1	1	3043
≥34	1	5															12 - 5	6	11	11	3043
≥28	11		1		1					1							60 - 1	14	29	29	3043
≥22	45	19	2	2	1	1				1	1						66 - 1	72	129	130	3043
≥17	82	50	18	8	3	5	1		1					1		1	108 - 1	170	361	365	3043
≥11	98	63	33	18	8	14	8	6	3	6	3			3	1	6	144 - 1	270	909	933	3043
≥7	77	61	27	11	24	11	15	3	9	5	[illegible]	4	5	1	6	21	150 - 2	287	1479	1541	3062
≥4	76	47	16	16	13	8	13	5	5	7	11	5	7	3	1	35	342 - 1	268	1822	1951	3081

HOURS DURATION OF EVENTS

23 — 38.6N 10.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41	2																6 - 2	2	2	2	3043
≥34	4	1															12 - 1	5	6	6	3043
≥28	6	1	1							1							60 - 1	9	21	21	3043
≥22	22	11	6		1						1						66 - 1	41	78	79	3043
≥17	60	24	11	6	1	1	2		2		1					2	108 - 1	110	254	257	3043
≥11	87	54	32	15	12	15	7	5	2	2	5	2				5	150 - 1	243	806	821	3043
≥7	78	40	33	22	19	13	8	8	9	6	7	4	2	7	2	19	168 - 1	277	1450	1507	3053
≥4	72	34	12	14	11	12	9	13	8	3	7	10	4	9	3	29	318 - 1	250	1742	1889	3065

HOURS DURATION OF EVENTS

25 — 38.6N 18.6E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28		1		1													24 - 1	2	6	6	3043
≥22	17	1							1								54 - 1	19	28	28	3043
≥17	58	13	4	6	2	1		1	1				1				78 - 1	87	166	169	3043
≥11	101	48	35	23	14	8	5	3	6	4	3	2		1	1	2	114 - 1	256	786	805	3054
≥7	88	55	30	27	26	16	8	16	6	5	6	8	3	4	3	13	156 - 1	314	1477	1549	3069
≥4	85	46	26	23	20	14	8	16	5	9	9	6	7	7	5	16	222 - 1	302	1653	1765	3058

HOURS DURATION OF EVENTS

26 — 38.1N 25.4E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34	8	1															12 - 1	9	10	10	3043
≥28	43	9	3		1		1										42 - 1	57	82	82	3043
≥22	78	45	10	8	4	9	1	1	1	2			1	2			84 - 2	162	389	390	3043
≥17	85	59	19	9	7	5	10	2	5	3	7	4	1	1	5	4	198 - 1	226	846	885	3047
≥11	70	55	20	9	4	9	10	3	4	8	1	2	5	6	1	27	282 - 1	234	1479	1632	3065
≥7	51	31	20	7	10	7	4	5	2	8	6	1	3	4	3	36	864 - 1	198	1860	2109	3073
≥4	55	23	18	7	9	5	3	5	3	6	7		2	2	4	41	882 - 1	190	1945	2213	3093

HOURS DURATION OF EVENTS

28 — 36.0N 35.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	1																6 - 1	1	1	1	3043
≥22	1	1															12 - 1	[illegible]	3	3	3043
≥17	9		1														18 - 1	10	12	12	3043
≥11	98	25	8	3	1	1			1	1							60 - 1	138	214	215	3043
≥7	112	88	42	16	10	11	8	5	3	1	2	1		1	1	2	138 - 1	363	890	909	3047
≥4	154	[illegible]	48	24	27	17	8	9	5	7	4	6	2	5	3	14	252 - 1	404	1593	1637	3053

HOURS DURATION OF EVENTS

29 — 36.0N 4.0W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34	1																6 - 1	1	1	1	3043
≥28	2																6 - 2	2	2	2	3043
≥22	12	4	1		1												30 - 1	18	28	29	3043
≥17	51	15	8		1												30 - 1	75	110	111	3043
≥11	114	48	27	21	13	4	5	2	1	2			1				78 - 1	238	557	574	3044
≥7	119	59	34	19	20	17	16	13	8	5	4	2	2			7	150 - 1	324	1174	1216	3045
≥4	93	63	27	15	21	19	15	12	11	8	5	10	4	2	3	19	168 - 2	327	1632	1698	3052

HOURS DURATION OF EVENTS

31 — 37.1N 5.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	1																6 - 1	1	1	1	3043
≥22	5	1															12 - 1	6	7	7	3043
≥17	40	5	1				1										42 - 1	47	60	61	3043
≥11	142	59	35	6	4	4	2	2								1	180 - 1	255	493	503	3044
≥7	136	86	56	36	[illegible]	13	12	4	8	8	2	1	1		2	5	186 - 1	402	1344	1417	3043
≥4	93	56	35	20	27	18	12	17	9	9	8	4	4	1	1	24	306 - 1	342	1188	2057	3046

HOURS DURATION OF EVENTS

32 — 37.3N 11.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	2																6 - 2	2	2	2	3043
≥22	13	1	1														18 - 1	15	18	18	3043
≥17	40	13	3	3		1											36 - 1	60	93	93	3043
≥11	119	59	30	10	3	5	4	3	1								54 - 1	240	503	507	3044
≥7	105	[illegible]	45	28	18	14	12	13	7	6	7	1	1	2	1	7	180 - 1	337	1263	1317	3047
≥4	96	52	22	21	8	10	9	12	7	8	11	10	9	3	2	25	300 - 1	293	[illegible]	1868	3065

HOURS DURATION OF EVENTS

34 — 36.4N 28.5E

WIND SPEED (kn)	Values	TH
≥64		3043
≥48		3043
≥41		3043
≥34	[illegible]	3043
≥28	[illegible]	3043
≥22	[illegible]	3043
≥17	[illegible]	3044
≥11	[illegible]	[illegible]
≥7	[illegible]	[illegible]
≥4	[illegible]	[illegible]

HOURS DURATION OF EVENTS

35 — 35.9N 31.8E

WIND SPEED (kn)	Values	TH
≥64		[illegible]
≥48		[illegible]
≥41		[illegible]
≥34		[illegible]
≥28	[illegible]	[illegible]
≥22	[illegible]	[illegible]
≥17	[illegible]	[illegible]
≥11	[illegible]	[illegible]
≥7	[illegible]	[illegible]
≥4	[illegible]	[illegible]

HOURS DURATION OF EVENTS

37 — 38.5N 19.3E

WIND SPEED (kn)	Values	TH
≥64		[illegible]
≥48		[illegible]
≥41		[illegible]
≥34		[illegible]
≥28	[illegible]	[illegible]
≥22	[illegible]	[illegible]
≥17	[illegible]	[illegible]
≥11	[illegible]	[illegible]
≥7	[illegible]	[illegible]
≥4	[illegible]	[illegible]

HOURS DURATION OF EVENTS

38 — 36.3N 22.6E

WIND SPEED (kn)	Values	TH
≥64		[illegible]
≥48		[illegible]
≥41		[illegible]
≥34		[illegible]
≥28	[illegible]	[illegible]
≥22	[illegible]	[illegible]
≥17	[illegible]	[illegible]
≥11	[illegible]	[illegible]
≥7	[illegible]	[illegible]
≥4	[illegible]	[illegible]

HOURS DURATION OF EVENTS

40 — 36.0N 25.9E

WIND SPEED (kn)	Values	TH
≥64		[illegible]
≥48		[illegible]
≥41		[illegible]
≥34	[illegible]	[illegible]
≥28	[illegible]	[illegible]
≥22	[illegible]	[illegible]
≥17	[illegible]	[illegible]
≥11	[illegible]	[illegible]
≥7	[illegible]	[illegible]
≥4	[illegible]	[illegible]

HOURS DURATION OF EVENTS

41 — 35.3N 30.8E

WIND SPEED (kn)	Values	TH
≥64		[illegible]
≥48		[illegible]
≥41		[illegible]
≥34		[illegible]
≥28		[illegible]
≥22	[illegible]	[illegible]
≥17	[illegible]	[illegible]
≥11	[illegible]	[illegible]
≥7	[illegible]	[illegible]
≥4	[illegible]	[illegible]

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

38.6N 10.9E

MAX	TE	T	T*	TH
				3043
				3043
6-2	2	2	2	3043
12-1	5	6	6	3043
[illegible]	9	21	21	3043
[illegible]	41	78	79	3043
[illegible]	110	254	257	3043
150-1	243	806	821	3043
168-1	277	1450	1507	3053
[illegible]	250	1742	1889	3065

24 — 38.7N 12.0E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41	1																6-1	1	1	1	3043
≥34	1																6-1	1	1	1	3043
≥28	4	1			1												30-1	6	11	11	3043
≥22	11	3		2			1		1								54-1	18	41	42	3043
≥17	39	13	5	4	2	1	1			1	1						66-1	67	140	142	3043
≥11	104	39	18	19	14	7	2	2	1	1		1	1	2		2	138-1	213	565	577	3043
≥7	123	68	27	12	21	17	10	11	6	6	9	4	1	3	1	5	162-1	324	1196	1223	3056
≥4	105	57	25	19	11	13	10	11	8	9	6	6	5	5	2	17	240-1	309	1533	1619	3065

HOURS DURATION OF EVENTS

38.1N 25.4E

MAX	TE	T	T*	TH
				3043
				3043
				3043
[illegible]	9	10	10	3043
42-1	57	82	82	3043
84-2	162	389	390	3043
198-1	226	846	885	3047
282-1	234	1479	1632	3065
964-1	198	1860	2109	3073
882-1	190	1945	2213	3093

27 — 37.4N 1.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41	1																6-1	1	1	1	3043
≥34	1	1															12-1	2	3	3	3043
≥28	13	2															12-2	15	17	18	3043
≥22	43	17	9	2	2			1									48-1	74	130	132	3043
≥17	104	39	30	9	4	2	3	2		1						1	150-1	195	412	415	3043
≥11	116	86	52	22	10	12	18	4	6	5	4		1	2		6	162-1	344	1135	1170	3043
≥7	80	72	41	27	17	18	11	7	4	11	15	3	3	5	2	21	300-1	337	1768	1869	3061
≥4	64	44	19	10	12	17	11	9	8	11	4	7	7	4	1	37	324-1	265	2026	2280	3071

HOURS DURATION OF EVENTS

36.0N 4.0W

MAX	TE	T	T*	TH
				3043
				3043
				3043
6-1	1	1	1	3043
[illegible]	2	2	2	3043
[illegible]	18	28	29	3043
[illegible]	75	110	111	3043
78-1	238	557	574	3044
[illegible]	324	1174	1216	3045
[illegible]	327	1632	1698	3052

30 — 36.5N 0.7W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34																					3043
≥28	4	1															12-1	5	6	6	3043
≥22	27	11	2														18-2	40	55	55	3043
≥17	78	35	10	5	3	1	2	1									48-1	135	241	243	3043
≥11	120	72	36	17	13	17	11	5	4	2	1	3		1	1	2	138-1	305	898	917	3045
≥7	96	60	51	26	19	19	15	12	9	9	6	7	3	3	5	11	180-1	351	1580	1648	3048
≥4	64	44	19	22	12	7	13	10	7	11	6	6	3	6	8	34	354-1	272	1983	2184	3062

HOURS DURATION OF EVENTS

37.3N 11.8E

MAX	TE	T	T*	TH
				3043
				3043
				3043
				3043
[illegible]	2	2	2	3043
[illegible]	[illegible]	18	18	3043
[illegible]	[illegible]	93	93	3043
[illegible]	[illegible]	[illegible]	[illegible]	3044
[illegible]	337	[illegible]	[illegible]	3047
[illegible]	[illegible]	[illegible]	1868	3065

33 — 36.6N 26.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3043
≥48																					3043
≥41																					3043
≥34	7	3		1													24-1	11	17	17	3043
≥28	36	23	4	1		1	3			1			1				78-1	70	148	148	3043
≥22	86	64	31	4	5	6	6	4	1		3	2				3	132-2	215	586	587	3043
≥17	85	63	35	9	9	11	16	3	2	7	4		2	5		16	336-1	267	1239	1260	3043
≥11	45	31	19	4	7	6	6	3	5	4	6	5	2	8	3	40	546-1	194	1889	2088	3064
≥7	23	[illegible]	8	8		7	6	3	4	1	2	3	2	6		44	894-1	127	1886	2471	3076
≥4	29	14	3	6	1	4	2	4	5	2	1	4	1	4	3	41	900-1	126	1995	2611	3104

HOURS DURATION OF EVENTS

35.9N 31.8E

MAX	TE	T	T*	TH
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

36 — 35.6N 2.2W

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3042
≥48																					3042
≥41																	6-1	1	1	1	3042
≥34																	6-1	1	1	1	3042
≥28	[illegible]																12-1	2	3	3	3042
≥22	13	2	1														19-1	16	20	20	3042
≥17	42	11	1	2	1	1											36-1	58	86	86	3042
≥11	128	82	32	13	7	4	3	1									48-1	270	528	537	3042
≥7	126	72	54	28	16	24	16	9	5	2	2	4	1	2	2	1	144-1	419	1292	1357	3044
≥4	88	43	15	24	11	22	22	9	10	11	5	9	5	5	5	18	240-1	328	1785	1962	3048

HOURS DURATION OF EVENTS

36.3N 22.6E

MAX	TE	T	T*	TH
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

39 — 36.2N 24.3E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3042
≥48																					3042
≥41																					3042
≥34																					3042
≥28																	6-1	1	1	1	3042
≥22	18	[illegible]	[illegible]														18-1	24	31	31	3042
≥17	58	33	12	[illegible]	3					[illegible]							60-1	112	211	212	3042
≥11	118	52	31	[illegible]	14	[illegible]	13	6	3	[illegible]	3			5	1	5	234-1	276	974	1005	3052
≥7	19	44	30	16	27	18	14	7	8	9	5	1	4	4	5	26	282-1	295	1762	1872	3068
≥4	[illegible]	[illegible]	[illegible]	[illegible]	6	4	[illegible]	[illegible]	[illegible]	5	7	4	2	4	1	46	612-1	194	2162	2483	3100

HOURS DURATION OF EVENTS

35.3N 30.8E

MAX	TE	T	T*	TH
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

42 — 34.7N 34.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3042
≥48																					3042
≥41																					3042
≥34																					3042
≥28																	6-1	1	1	1	3042
≥22	12																6-12	12	12	12	3042
≥17	87	14	2	1													24-1	104	125	126	3042
≥11	155	104	28	4	1	2	7	1		1	2	1			1	1	234-1	312	665	674	3042
≥7	119	109	44	22	14	1	13	8	1	6	4	1		1	2	14	378-1	371	1472	1491	3048
≥4	84	51	17	14	22	8	10	6	4	10	6	1	1	3	3	33	468-1	299	1819	1877	3071

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

43 36.0N 13.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3042
≥48																					3042
≥41																					3042
≥34																					3042
≥28	1																6-1	1	1	1	3042
≥22	9	1	2														18-2	12	17	19	3042
≥17	50	17	3	4					1								54-1	75	118	123	3042
≥11	92	42	31	8	8	3	5	6	5	2			1			1	108-1	204	538	553	3043
≥7	84	51	35	19	14	14	11	11	11	3	9	4	4	2		7	156-1	279	1186	1227	3068
≥4	93	48	25	17	11	12	6	12	9	9	8	6	7	6	3	22	192-1	294	1583	1708	3077

HOURS DURATION OF EVENTS

44

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28		1			1									
≥22	8	2	1		1					1				
≥17	41	8	6	2	1	2		1						
≥11	110	52	25	15	12	8	7	3	4	2	3	1		
≥7	71	66	36	25	16	14	14	10	2	8	4	4	3	3
≥4	83	57	31	22	18	9	10	7	8	9	7	7	1	4

HOURS DURATION OF EVENTS

46 35.0N 28.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3042
≥48																					3042
≥41	1																6-1	1	1	1	3042
≥34	2		2	1													24-1	5	12	12	3042
≥28	26	7	4			2			1	1							60-1	41	83	83	3042
≥22	59	51	17	14	5	3	5	3	1		1	3		3		2	114-1	167	503	505	3042
≥17	103	47	29	14	10	11	6	10	5	4	3	2	5	1	3	15	240-1	268	1192	1214	3048
≥11	53	22	15	8	3	4	4	1	3	5	4	4	5	7	5	46	672-1	189	2120	2401	3086
≥7	13	10	6	3	2	5	1	4	1	1	1	2	1	2	2	34	1182-1	88	1936	2819	3076
≥4	13	6	4	5	1	2	1	2	3			1		3	2	26	1182-1	69	1717	2882	3079

HOURS DURATION OF EVENTS

47

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	5	2												
≥17	32	11	2	1										
≥11	123	60	25	18	10	2	8	1	5	1	1	2		1
≥7	95	59	35	17	19	15	14	10	11	12	2	9	3	1
≥4	74	38	30	12	11	9	13	11	5	14	7	7	4	6

HOURS DURATION OF EVENTS

49 34.8N 24.1E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3040
≥48																					3040
≥41																					3040
≥34																					3040
≥28	1																6-1	1	1	1	3040
≥22	5	1															12-1	6	7	7	3040
≥17	30	8	3	1	3												30-3	45	74	74	3040
≥11	106	41	26	9	9	6	2	2	1	3	1		2			2	138-1	210	532	543	3040
≥7	135	71	23	21	19	20	8	7	2	9	2	3	2		1	9	174-2	332	1160	1269	3043
≥4	107	53	24	13	17	12	13	5	5	8	4	4	11	1	5	15	444-1	301	1472	1618	304[illegible]

HOURS DURATION OF EVENTS

50

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	21	2	2		1									
≥17	76	32	18	5	5	5	1	1		1	1		2	
≥11	94	56	29	11	11	15	12	7	6	9	8	5	3	3
≥7	24	19	11	5	4	4	2	3		4	4	2	4	2
≥4	10	13	5	1	1	2	1			3	1	1		

HOURS DURATION OF EVENTS

52 33.7N 28.0E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3037
≥48																					3037
≥41																					3037
≥34			1														18-1	1	3	3	3037
≥28	5	2	1			1											36-1	9	18	18	3037
≥22	27	8	4	3		2	1					1					72-1	47	107	117	3037
≥17	100	35	19	6	10	5	3	1	1	2	2	2	3	1		1	102-1	191	505	535	3042
≥11	99	44	30	15	8	12	8	6	9	3	10	5	2	2	7	23	216-1	283	1530	1816	3057
≥7	31	22	7	5	4	4	5	1	4	5	2	4	1	4	1	40	468-1	140	1738	2636	3077
≥4	13	7	5	3	1	4	2			3	1				1	29	798-1	69	1524	2855	3068

HOURS DURATION OF EVENTS

53

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	7	1			1									
≥17	53	19	11	1	2	2		1			1			
≥11	133	43	27	5	13	12	9	[illegible]	6	1	3	9	4	
≥7	48	28	17	7	9	5	7	3	5	5	4	3	4	
≥4	12	14	4	2	2		1	2	1	1	3	2	3	

HOURS DURATION OF EVENTS

55 34.0N 15.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3035
≥48																					3035
≥41																					3035
≥34																					3035
≥28		1															12-1	2	3	3	3035
≥22	10	2	1														36-1	14	23	24	3035
≥17	45	19	7	1	1	1			1								54-1	74	122	129	3036
≥11	81	42	22	14	12	10	5	5	3	3	5	1	1	2		2	150-1	208	695	[illegible]	3050
≥7	78	51	23	22	21	20	11	11	3	8	7	7	3	5	2	11	228-1	283	1372	1563	3072
≥4	76	37	27	19	11	10	10	5	8	13	8	15	4	4	5	23	234-2	281	1749	2086	3087

HOURS DURATION OF EVENTS

56

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	5													
≥17	39	12	4	2	1	2	1							
≥11	126	60	46	19	11	5	4	4	4	1		2		
≥7	65	51	37	6	5	14	12	4	5	4	1	9	4	1
≥4	55	25	15	9		3	9	4	6	3	4	4	6	1

HOURS DURATION OF EVENTS

58 33.1N 19.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3033
≥48																					3033
≥41																					3033
≥34																					3033
≥28																					3033
≥22	2	1															12-1	3	4	4	3033
≥17	25	8	2														18-2	15	47	50	3033
≥11	100	94	32	13	9	3	7	1	1	1	1						114-1	293	635	693	3034
≥7	100	69	55	27	16	12	18	6	9	7	7	5	2	3	3	10	330-1	349	1483	1684	3041
≥4	92	36	28	13	13	8	7	7	9	6	3	5	6	1	3	31	462-1	270	1701	2122	3056

HOURS DURATION OF EVENTS

59

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	4													
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								
≥11	[illegible]	60	15	14	5	6	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
≥7	[illegible]	65	49	28	18	[illegible]	3	4	[illegible]	6	[illegible]	[illegible]	2	3
≥4	40	24	19	13	3	6	6			[illegible]	6	4		

HOURS DURATION OF EVENTS

61 31.7N 32.4E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																					3031
≥48																					3031
≥41																					3031
≥34																					3031
≥28																					3031
≥22																					3031
≥17	5	1															12-1	6	7	7	3031
≥11	76	19	5	3	2	5	2										42-2	112	195	195	3031
≥7	164	96	41	18	13	9	9	6	7	3	6	2				4	138-1	378	1043	1081	3032
≥4	57	33	26	13	15	13	12	7	13	9	12		2	8	1	36	276-1	259	1995	2301	3055

HOURS DURATION OF EVENTS

62

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	10													
≥17	12	14	8	3	2	1								
≥11	16	13	33	11	6	5	3	3	5	3	4			
≥7	34	19	43	18	20	14	10	8	13	8	4			
≥4	31	65	35	20	12	5	9	6	6	5	6	3	8	

HOURS DURATION OF EVENTS

(Cont'd)

SUMMER

44 — 35.9N 16.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3042
≥48																					3042
≥41																					3042
≥34																					3042
≥28		1			1												30-1	2	7	7	3042
≥22	8	2	1		1					1							60-1	13	30	32	3042
≥17	41	8	6	2	1	2		1								1	144-1	62	132	137	3042
≥11	110	52	25	15	12	8	7	3	4	2	3	1				1	162-1	243	658	679	3047
≥7	[illegible]	66	36	25	16	14	14	10	2	8	4	4	3	3	4	12	282-1	292	1381	1483	3058
≥4	83	57	31	22	18	9	10	7	8	9	7	7	1	4	3	20	366-1	296	1574	1708	3072

HOURS DURATION OF EVENTS

45 — 35.2N 26.6E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3042
≥48																					3042
≥41		2															12-2	2	4	4	3042
≥34	9	3	1		2												30-2	15	28	28	3042
≥28	34	14	5	5	3		1		3	1							60-1	66	156	156	3042
≥22	62	41	19	11	3	6	9	3	2	4	2	2	1	2	1	3	144-1	171	603	607	3042
≥17	62	27	15	15	7	11	9	6	8	5	8	2	3	3	4	16	288-1	201	1201	1222	[illegible]
≥11	46	23	23	6	7	3	6	4	5	4	4	5	2	3	9	41	648-1	191	1966	2085	3068
≥7	21	13	7	4	3	2	4	2	7	2	1	2	3	4	2	43	1014-1	120	2031	2591	3093
≥4	24	5	5	2	1	1	1		3	1	2	1	2	1	3	39	1014-1	91	2026	2719	3102

HOURS DURATION OF EVENTS

47 — 35.2N 19.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3040
≥48																					3040
≥41																					3040
≥34																					3040
≥28																					3040
≥22	5	2															12-2	7	9	9	3040
≥17	32	11	2	1													24-1	46	64	68	3040
≥11	123	60	25	18	10	2	8	1	5	1	1	2		1	1		90-1	258	635	664	3040
≥7	95	59	35	17	19	15	14	10	11	12	2	9	3	1	1	13	180-1	316	1437	1556	3046
≥4	74	39	30	12	11	9	13	11	5	14	7	7	4	6	2	31	528-1	274	1915	2075	3053

HOURS DURATION OF EVENTS

48 — 35.1N 20.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3040
≥48																					3040
≥41																					3040
≥34																					3040
≥28																					3040
≥22	8	2															12-2	10	12	12	3040
≥17	34	13	11	4	1	2											36-2	65	126	126	3041
≥11	136	49	33	16	8	9	5	7	5	3	1		2			1	96-1	275	710	754	3042
≥7	88	48	46	18	15	14	11	10	14	9	5	3	6	3	3	15	300-1	308	1513	1647	3046
≥4	81	37	36	14	7	13	10	11	3	11	4	8	7	4	11	22	672-1	279	1825	2055	3054

HOURS DURATION OF EVENTS

50 — 34.0N 30.5E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3040
≥48																					3040
≥41																					3040
≥34																					3040
≥28																					3040
≥22	[illegible]	2	2		1												30-1	26	36	36	3040
≥17	76	32	18	5	5	5	1	1		1	1		2	1			84-1	148	345	348	3044
≥11	94	56	29	11	11	15	12	7	6	9	8	5	3	3	3	25	360-1	297	1689	1788	3050
≥7	24	19	11	5	4	4	2	3		4	4	2	4	2	4	39	690-1	131	1845	2709	3086
≥4	[illegible]	13	5	1	1	2	1			3	1	1				25	1134-1	63	1104	2901	3075

HOURS DURATION OF EVENTS

51 — 33.5N 33.6E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3040
≥48																					3040
≥41																					3040
≥34																					3040
≥28																					3040
≥22	1																6-1	1	1	1	3040
≥17	35	7			1			1		1							60-1	45	72	72	3040
≥11	110	55	28	9	9	9	4	5			3	1	2			7	186-1	242	737	745	3044
≥7	86	43	27	16	8	19	7	8	6	8	7	2	7	2	6	31	444-1	283	1811	1908	3053
≥4	45	19	15	16	10	6	6	7	3	7	3	3	6	5	2	34	1182-1	187	2078	2613	3067

HOURS DURATION OF EVENTS

53 — 33.3N 31.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3037
≥48																					3037
≥41																					3037
≥34																					3037
≥28																					3037
≥22	[illegible]	[illegible]			[illegible]												30-1	9	14	14	3037
≥17	53	19	11	7	2	2		1			1			1			84-1	91	183	187	3037
≥11	[illegible]	43	27	15	13	12	9	7	6	7	3	9	4	1	2	14	306-1	305	1319	1387	3047
≥7	48	28	17	7	9	5	7	3	5	5	4	3	4	5	1	32	558-1	183	1690	2491	3060
≥4	[illegible]	14	4	2	2		1	2	1	1	3	2	3	1	1	23	1146-1	72	1209	2846	3071

HOURS DURATION OF EVENTS

54 — 34.0N 12.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3037
≥48																					3037
≥41																					3037
≥34																					3037
≥28																					3037
≥22	6	1		1													24-1	8	12	12	3037
≥17	27	9	3	1	1	1		1									48-1	43	77	80	3037
≥11	101	55	26	5	3	7	5	8	3	1	2	1		1		1	132-1	219	572	616	3038
≥7	86	64	34	21	14	7	14	9	5	3	7	6	2	5	1	12	186-1	290	1273	1415	3046
≥4	69	61	33	16	15	9	10	6	8	8	3	5	6	3	6	26	222-1	284	1667	1925	3062

HOURS DURATION OF EVENTS

56 — 33.6N 22.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3034
≥48																					3034
≥41																					3034
≥34																					3034
≥28																					3034
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3034
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3034
≥11	126	65	46	9	[illegible]	[illegible]	4	4	4	3	[illegible]	[illegible]	[illegible]	[illegible]	2	4	144	294	864	954	[illegible]
≥7	65	61	37	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	282	277	1624	2036	3043
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	192	[illegible]	2449	3080

HOURS DURATION OF EVENTS

57 — 33.2N 18.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3033
≥48																					3033
≥41																					3033
≥34																					3033
≥28																					3033
≥22	[illegible]	2															12-2	9	11	11	3033
≥17	23	11	7	2													24-2	43	74	77	3033
≥11	[illegible]	65	27	15	4	6	6	7	3	3		1				1	144-1	249	629	673	3034
≥7	[illegible]	67	36	23	11	16	10	7	13	11	7	6	5	3	2	11	180-1	305	1430	1579	3068
≥4	72	42	28	15	8	11	8	5	9	8	6	10	5	5	3	26	216-1	261	1592	1882	3085

HOURS DURATION OF EVENTS

59 — 32.6N 26.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					[illegible]
≥48																					3033
≥41																					3033
≥34																					3033
≥28																	6				3033
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	6	6	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36	4	8	88	[illegible]
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	138	247	590	[illegible]	3041
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	216	359	[illegible]	[illegible]	3056
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	390	1891	2454	[illegible]

HOURS DURATION OF EVENTS

60 — 32.2N 29.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3032
≥48																					3032
≥41																					3032
≥34																					3032
≥28																					3032
≥22	5				1												30-1	6	10	10	3032
≥17	36	10	5	3	4	1				2							60-2	61	129	132	3032
≥11	125	55	34	16	6	4	5	4	3	1	3	2	1	2	1	9	174-1	271	850	964	3038
≥7	84	40	30	11	11	7	12	8	6	4	6		3	5	1	33	306-1	267	1670	2111	3058
≥4	18	20	6	9	6	2	6	1	1	4	1	9	1		1	36	624-1	141	1753	2671	3064

HOURS DURATION OF EVENTS

62 — 32.6N 15.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3031
≥48																					3031
≥41																					3031
≥34																					3031
≥28																					3031
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	2	2	3031
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	61	119	126	3032
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	289	746	782	3055
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	338	1550	1690	3067
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	234	305	1619	1939	3071

HOURS DURATION OF EVENTS

63 — 31.2N 18.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3028
≥48																					3028
≥41																					3028
≥34																					3028
≥28																					3028
≥22	4	1															12-1	5	6	7	3028
≥17	31	11	4		1	1	1										42-1	55	95	100	3028
≥11	106	75	34	9	9	6	9		3		3	1		1		1	144-1	257	648	707	3030
≥7	88	67	39	16	18	15	7	6	4	10	7	2	2	2	3	17	174-1	303	1380	1604	3061
≥4	81	56	15	17	10	7	9	9	9	7	1	6	5	3	5	32	276-1	272	1727	2153	3116

HOURS DURATION OF EVENTS

FALL

1 — 43.9N 8.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	2																6-2	2	2	2	3417
≥41	4	1															12-1	5	6	6	3417
≥34	4	3	1	2	1												30-1	11	26	26	3417
≥28	14	6	2	1		4											36-4	27	60	60	3422
≥22	37	18	7	2			4	1							2		90-2	71	168	168	3430
≥17	63	49	9	4	5	2	2	1		2	1		1			2	156-1	141	356	356	3439
≥11	107	66	37	18	14	9		3	6	4	3	1		1	1	6	174-1	276	863	874	3449
≥7	126	79	51	31	23	20	12	9	8	6	10	3		1	4	11	198-1	394	1572	1606	3473
≥4	96	48	39	23	21	10	9	11	6	13	7	6	4	6	7	36	288-1	342	2227	2326	3504

HOURS DURATION OF EVENTS

2 — 43.3N 15.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																					3417
≥41	1			1													24-1	2	5	5	3417
≥34	3	1				1											36-1	5	11	11	3417
≥28	9	3	2					1									48-1	15	29	29	3418
≥22	24	9	3	1		1		1									48-1	39	69	69	3421
≥17	42	19	4	4	4	3	1		2		1				1		90-1	81	197	197	3427
≥11	97	42	21	19	8	5	5	5	4	[illegible]		3				2	150-1	214	609	611	3431
≥7	96	69	37	32	15	13	7	6	5	4	4	1	2	2	1	10	168-1	304	1138	1159	3442
≥4	99	48	46	28	21	18	7	8	7	8	8	5	1	2	1	17	210-1	324	1488	1541	3452

HOURS DURATION OF EVENTS

4 — 42.5N 6.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																					3417
≥41	5	2	1														18-1	8	12	12	3417
≥34	28	7	1														18-1	36	45	45	3417
≥28	45	18	10	3	2		1										42-1	79	140	142	3417
≥22	91	36	19	14	6	5	1	1	1	1							60-1	175	370	377	3417
≥17	115	45	30	25	11	11	6	6	3	7	2		2			1	144-1	264	775	785	3441
≥11	80	60	44	24	25	11	12	11	11	6	8	4	3	4	4	14	330-1	321	1596	1660	3500
≥7	62	31	23	22	23	14	8	6	11	6	10	3	8	4	5	43	342-1	279	2193	2438	3510
≥4	32	20	14	7	10	13	3	1	7	4	2	5	6	4	1	57	576-1	186	2457	2855	3576

HOURS DURATION OF EVENTS

5 — 41.6N 3.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	1																6-1	1	1	1	3417
≥41	3																6-3	3	3	3	3417
≥34	8	2															12-2	10	12	12	3417
≥28	19	6	4	1													24-1	30	47	47	3417
≥22	59	16	4	5	2	3	1	1									48-1	91	166	167	3417
≥17	101	41	17	8	4	4	2	3	1	1	1	1	2	1			84-1	187	430	433	3417
≥11	160	74	50	28	10	17	3	5	7	5	1	3	3		1	8	168-1	375	1152	1205	3451
≥7	123	59	33	27	22	18	14	8	14	3	6	12	4	2	2	26	240-1	373	1917	2076	3462
≥4	89	40	24	15	12	9	8	8	6	6	2	3	5	2	2	55	318-1	286	2347	2655	3552

HOURS DURATION OF EVENTS

7 — 42.0N 9.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	1																6-1	1	1	1	3417
≥41	5	1															12-1	6	7	7	3417
≥34	13		2														18-2	15	19	19	3417
≥28	18	8	2	4													24-4	32	56	56	3417
≥22	39	16	6	5	6	1	2										42-2	75	159	159	3417
≥17	75	37	12	9	6	4	5	1	1								54-1	150	327	328	3417
≥11	97	53	38	20	18	7	5	9	4	1	1	3	1	1	1	3	150-1	262	832	840	3451
≥7	94	47	31	24	28	16	10	7	11	12	8	2		5	5	9	186-1	309	1402	1462	3478
≥4	79	43	25	22	19	15	12	9	10	11	9	6	5	3	6	23	330-1	297	1767	1829	3482

HOURS DURATION OF EVENTS

8 — 41.1N 5.5E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	5	1	2														18-2	8	13	13	3417
≥41	13	5	1	2		1											36-1	22	40	40	3417
≥34	25	10	7	5	2	1	1	1									48-1	52	117	117	3418
≥28	46	20	11	12	5	1	5	1		1						1	102-1	103	268	268	3419
≥22	85	36	23	6	12	7	4	4	4	3			1	1	2	3	138-1	191	593	595	3420
≥17	121	52	24	21	10	10	8	5	6	1	4	2	2	1	1	11	186-1	279	993	1043	3425
≥11	83	58	34	25	26	21	13	12	12	11	5	2	5	3		22	336-1	332	1840	1994	3490
≥7	43	22	22	21	13	11	14	13	7	7	7	4	1	3	2	46	384-1	236	2227	2608	3479
≥4	31	15	6	6	8	2	4	8	5	3	1	3	6	5		49	474-1	152	2286	2873	3496

HOURS DURATION OF EVENTS

10 — 40.3N 3.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48		1															12-1	1	2	2	3417
≥41		1															12-1	1	2	2	3417
≥34	3	2															12-2	5	7	7	3417
≥28	15	3	1														18-1	19	24	24	3417
≥22	61	18	5		3												30-3	87	127	128	3417
≥17	110	56	25	10	6	4	4										42-4	215	419	421	3417
≥11	130	67	48	17	23	16	10	7	5	2	4	7	2	2	1	7	144-1	348	1210	1229	3428
≥7	91	55	35	29	23	20	18	7	6	6	8	5	3	4	7	28	204-1	345	1935	2054	3431
≥4	67	43	18	11	10	12	10	3	5	10	6	10	5	5	4	50	390-1	269	2360	2572	3466

HOURS DURATION OF EVENTS

11 — 40.7N 11.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48		1															12-1	1	2	2	3417
≥41	2		1														18-1	3	5	5	3417
≥34	10		1														18-1	11	13	13	3417
≥28	19	6	3														18-3	28	40	40	3418
≥22	50	19	7	6		2		1									48-1	85	153	153	3418
≥17	93	45	24	9	7	1	3	2	1	1	1						66-1	187	399	402	3419
≥11	114	61	44	30	16	17	5	10	3	6	4	4	3	2	2	3	102-1	324	1110	1122	3437
≥7	84	40	32	34	20	14	9	12	10	6	8	9	7	4	3	25	258-1	317	[illegible]	1904	3458
≥4	89	34	14	21	9	16	5	9	8	6	5	8	8	9	5	39	408-1	285	2135	2274	3466

HOURS DURATION OF EVENTS

13 — 40.1N 24.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	1																6-1	1	1	1	3417
≥41	2																6-2	2	2	2	3417
≥34	4	1															12-1	5	6	6	3417
≥28	12	5	4														18-4	21	34	34	3417
≥22	34	15	7	2	4	2	1										42-1	65	132	132	3419
≥17	67	31	16	4	4	2		3	1		1	1					72-1	135	311	313	3423
≥11	105	56	24	14	18	12	8	6	3	3	6	2	2	2		1	102-1	262	829	849	3427
≥7	96	65	29	22	16	12	16	9	8	4	6	8	4	4	7	9	138-1	315	1392	1476	3431
≥4	99	54	27	21	12	14	8	8	8	5	8	9	7	3	7	28	162-1	318	1738	1849	3461

HOURS DURATION OF EVENTS

14 — 39.5N 2.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																					3417
≥41																					3417
≥34	3	1															12-1	4	5	5	3417
≥28	14	3	2	1													24-1	20	30	30	3417
≥22	42	12	5	2	3	3											36-3	67	122	122	3417
≥17	89	32	14	4	4	5	4	3	1								54-1	156	322	323	3420
≥11	140	57	26	20	13	13	6	5	3	4	4	1		1	1	5	144-1	299	886	893	3425
≥7	113	50	47	27	16	9	19	12	1	8	3	2	4		2	19	252-1	332	1466	1545	3429
≥4	108	56	28	25	18	13	16	7	6	9	6	5	4	1	4	33	408-1	339	[illegible]	2098	3470

HOURS DURATION OF EVENTS

16 — 39.8N 7.4E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	4																6-4	4	4	4	3417
≥41	12		1														18-1	13	15	15	3417
≥34	19	8	3	1	1												30-1	32	53	53	3417
≥28	36	18	8	8	3	2											36-2	75	155	155	3418
≥22	65	23	15	8	6	8	4	1	1	2				1			84-1	140	357	365	3418
≥17	91	41	29	15	6	11	8	6	9	3	2	1		3		1	162-1	226	734	744	3445
≥11	91	44	32	17	23	14	15	12	6	7	2	4	5	2	2	19	180-1	295	1450	1523	3446
≥7	53	19	33	18	16	13	12	10	13	6	4	8	8	4	4	38	354-1	279	2189	2348	3508
≥4	46	24	22	11	10	4	9	5	2	2	1	1	2	4	4	51	648-1	202	2442	2836	3580

HOURS DURATION OF EVENTS

17 — 39.3N 15.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					[illegible]
≥48																					[illegible]
≥41	1																6-1	1	1	1	[illegible]
≥34	1	1	1														18-1	[illegible]	6	6	3418
≥28	12	1	1	1													24-1	[illegible]	[illegible]	[illegible]	3418
≥22	29	6	5	2		2											36-2	44	76	76	3418
≥17	65	20	11	5	4	1		1	2								54-2	[illegible]	[illegible]	[illegible]	3419
≥11	94	45	32	18	10	12	8	5	5	1	1	1		1		1	108-1	234	[illegible]	686	3423
≥7	93	51	41	20	17	13	[illegible]	7	12	6	2	5	3	4		11	198-1	[illegible]	[illegible]	1350	3447
≥4	76	34	20	10	13	15	14	10	11	4	9	4	3	5	1	31	294-1	263	[illegible]	[illegible]	3474

HOURS DURATION OF EVENTS

19 — 38.0N 0.7E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					[illegible]
≥48																					[illegible]
≥41																					3417
≥34	4			1													24-1	5	8	8	3417
≥28	12	4						1									48-1	17	28	28	3417
≥22	33	12	4	7	1				1								54-1	58	111	111	3417
≥17	76	19	18	6	7	3	3	3	1		1		1				78-1	138	323	327	3418
≥11	122	63	26	18	16	12	5	5	4	1	5	2	2	2		7	162-1	290	943	957	3423
≥7	95	75	38	22	20	20	13	13	9	4	2	1	5	2	2	23	216-1	346	1682	1746	3432
≥4	81	51	30	20	4	19	4	12	6	4	4	8	5	1	1	41	420-1	291	2075	2216	3439

HOURS DURATION OF EVENTS

20 — 38.3N 4.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																					3417
≥41	1																6-1	1	1	1	3417
≥34	2	1															12-1	3	4	4	3417
≥28	19	6	1														18-1	26	34	34	3417
≥22	47	24	9	2	1	1	2										42-2	86	155	155	3417
≥17	71	33	27	11	11	7	4	2	1	2	1		1				78-1	171	456	456	3417
≥11	111	50	32	29	14	11	10	8	5	8	5	2	3	2	3	11	204-1	310	1255	1296	3439
≥7	96	64	44	28	17	12	10	6	8	11	7	6	2	11	4	26	408-1	352	1961	2298	3451
≥4	58	43	21	19	14	16	7	8	6	7	9	1	2	4	3	55	414-1	268	2356	2634	3488

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS

43.3N 15.3E

MAX	TE	T	T*	TH
				3417
				3417
24-1	2	5	5	3417
36-1	5	11	11	3417
48-1	15	29	29	3418
48-1	39	69	69	3421
90-1	81	197	197	3427
150-1	214	609	611	3431
168-1	304	1139	1159	3442
210-1	324	1488	1541	3452

3 **42.3N 4.5E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	3	1	2														18-2	6	11	11	3417
≥41	14	3	2			1											36-1	20	32	32	3417
≥34	39	11	3	6			2		1								54-1	62	117	117	3417
≥28	78	21	5	7	5	3	1		3	1					1		90-1	125	265	266	3419
≥22	103	24	32	10	11	10	2	3	4	2	2	1	1			2	132-1	207	583	589	3420
≥17	107	47	26	18	14	10	7	8	8	3	2	2	4		2	10	162-2	268	1030	1066	3447
≥11	91	55	36	25	17	14	9	6	5	6	4	2	5	5	4	28	330-1	312	1724	1884	3495
≥7	50	30	24	24	16	12	15	9	7	7	6	4	2	5	2	48	360-1	261	2302	2540	3547
≥4	55	24	13	12	12	9	10	6	6	4	5	4		6	1	55	486-1	222	2484	2782	3564

HOURS DURATION OF EVENTS

41.6N 3.7E

MAX	TE	T	T*	TH
				3417
6-1	1	1	1	3417
6-3	3	3	3	3417
12-2	10	12	12	3417
24-1	30	47	47	3417
48-1	91	166	167	3417
84-1	187	430	433	3417
168-1	375	1152	1205	3451
240-1	373	19[illegible]	2076	3462
318-1	286	2347	2655	3552

6 **41.9N 9.1E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	1																6-1	1	1	1	3417
≥41	7	1															12-1	8	9	9	3417
≥34	22	8															12-8	30	38	38	3417
≥28	52	20	5	2		1											36-1	80	121	124	3417
≥22	74	22	16	8	5	3	3	3		1							60-1	135	296	301	3424
≥17	86	35	28	13	14	4	5	1	7	3	1	2			1		90-1	200	572	587	3424
≥11	94	48	30	30	18	10	11	10	7	5	2	6	2	1	2	9	156-1	285	1174	1205	3434
≥7	93	50	36	22	24	13	14	11	10	6	8	5	8	3	2	25	198-1	330	1841	1975	3478
≥4	54	30	24	14	10	10	9	5	9	9	8	3	8	6	2	46	624-1	247	2287	2605	3538

HOURS DURATION OF EVENTS

41.1N 5.5E

MAX	TE	T	T*	TH
				3417
18-2	8	13	13	3417
36-1	22	40	40	3417
48-1	52	117	117	3418
[illegible]	103	268	268	3419
138-1	191	593	595	3420
186-1	279	993	1043	3425
336-1	332	1840	1994	3490
384-1	236	2227	2608	3479
474-1	152	2286	2873	3496

9 **40.1N 1.2E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																					3417
≥41	1																6-1	1	1	1	3417
≥34	6	1	1														18-1	8	11	11	3417
≥28	20	3	1			1											36-1	25	35	35	3417
≥22	64	7	6		3	2		1									48-1	83	131	131	3417
≥17	87	31	15	8	5	3	3	1	2	1	1						66-1	157	337	340	3420
≥11	128	60	27	17	22	9	5	5	8	3	2		3			5	156-1	294	903	960	3424
≥7	125	63	39	23	20	13	15	13	4	5	6	5	3	5	3	20	246-1	362	1676	1777	3440
≥4	97	[illegible]	26	18	12	16	12	5	6	3	4	9	7	4	2	37	312-1	329	2009	2166	3450

HOURS DURATION OF EVENTS

40.7N 11.7E

MAX	TE	T	T*	TH
				3417
12-1	1	2	2	3417
18-1	3	5	4	3417
18-1	11	13	13	3417
18-3	29	40	40	3418
48-1	85	153	153	3418
66-1	187	399	402	3419
[illegible]	324	1110	1122	3431
[illegible]	317	1810	1904	3458
418-1	285	2135	2274	3466

12 **40.6N 18.8E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	1																6-1	1	1	1	3417
≥41		1			1												30-1	2	[illegible]	7	3418
≥34	6	1		1			1										42-1	9	19	19	3418
≥28	20	1	1	1	1	1		1									48-1	26	48	48	3419
≥22	44	13	3		1	1		1	1	1							60-1	65	117	117	3421
≥17	74	29	14	4	3	1	3		3	1	1					2	144-1	135	321	321	3432
≥11	116	66	26	21	13	10	6	7	2	2	3	1	2	3		3	174-2	281	866	875	3445
≥7	110	65	33	35	23	15	16	13	11	3	7	5	5	5	3	8	210-1	357	1541	1623	3465
≥4	76	37	30	19	9	18	11	7	8	16	7	8	7	3	4	34	438-1	294	2046	2201	3486

HOURS DURATION OF EVENTS

39.5N 2.2E

MAX	TE	T	T*	TH
				34[illegible]
				34[illegible]
				34[illegible]
[illegible]	4	[illegible]	[illegible]	34[illegible]
[illegible]	[illegible]	[illegible]	35	34[illegible]
[illegible]	[illegible]	122	122	34[illegible]
[illegible]	156	322	321	342[illegible]
[illegible]	292	886	893	3425
[illegible]	312	1466	1545	3429
[illegible]	[illegible]	[illegible]	2398	347[illegible]

15 **39.8N 5.7E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48	2																6-2	2	2	2	3417
≥41	5	2															30-1	8	14	14	3417
≥34	19	7		3					1								54-1	30	54	54	3417
≥28	31	20	7	3	1	2	2			1							60-1	67	145	145	3417
≥22	82	23	11	13	9	2			1	3	1	1		1			84-1	148	354	356	3417
≥17	83	42	24	11	11	9	11	4	1	2	1	3		3	2	3	204-1	216	753	801	3421
≥11	112	53	25	21	14	9	8	13	6	6	6	5	5	5	1	24	222-1	317	1591	1686	3467
≥7	68	40	23	17	17	8	10	10	5	6	4	5	3	7	8	47	366-2	273	2293	2474	3538
≥4	48	23	8	12	6	5	6	11	2	4	3	1	3	4	1	56	534-1	191	2464	2858	3590

HOURS DURATION OF EVENTS

39.3N 15.2E

MAX	TE	T	T*	TH
				34[illegible]
				34[illegible]
				34[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
[illegible]	44	[illegible]	[illegible]	34[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
[illegible]	[illegible]	68[illegible]	786	34[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	344[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]

18 **39.3N 17.8E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																					3417
≥41																					3417
≥34	2	[illegible]															24-1	5	11	11	3419
≥28	16	8				2											36-2	26	44	44	3422
≥22	45	12	7	2	1	1	3	1							1		90-1	73	153	153	3423
≥17	86	42	16	7	7	6		2	2	3		1				1	144-1	170	412	412	3425
≥11	96	65	32	19	21	11	11	6	4	7	4	3	4		1	7	222-1	298	1149	1192	3450
≥7	76	59	31	22	18	22	11	7	10	8	11	4	7	7	7	26	246-1	325	1859	1943	3457
≥4	[illegible]	39	32	9	10	13	12	8	8	9	5	6	9	7	4	47	306-1	[illegible]	2194	2340	3482

HOURS DURATION OF EVENTS

38.3N 4.1E

MAX	TE	T	T*	TH
				34[illegible]
				34[illegible]
				34[illegible]
[illegible]	4	4	4	34[illegible]
[illegible]	26	34	34	34[illegible]
[illegible]	86	[illegible]	[illegible]	34[illegible]
[illegible]	[illegible]	41[illegible]	456	34[illegible]
[illegible]	[illegible]	[illegible]	1236	34[illegible]
[illegible]	[illegible]	[illegible]	2098	345[illegible]
[illegible]	268	2156	2634	34[illegible]

21 **38.5N 7.5E**

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3417
≥48																	12-1	2	3	3	3417
≥41																	18-1	[illegible]	10	10	3417
≥34	14	4	3														30-1	23	40	40	3417
≥28	28	14	7	3	3												60-1	57	120	120	3417
≥22	58	23	11	9	6	2	5	2	1	2			1	1			84-1	121	322	322	3418
≥17	[illegible]	45	21	13	6	11	7	4	4	1	2	2		1		4	168-1	232	685	702	3419
≥11	96	57	24	22	11	9	11	10	9	7	1	3	5		3	20	216-1	310	1512	1556	3466
≥7	[illegible]	44	31	18	13	13	10	3	6	4	7	8	2	3	4	46	558-1	282	2275	2380	3547
≥4	[illegible]	26	11	8	9	6	4	6	4	4	3	4	5	6	2	56	612-1	211	2649	2823	3596

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

22 — 38.6N 9.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3417
≥48	2																6-2	2	2	2	3417
≥41	6	1															12-1	7	8	8	3417
≥34	11	6	1	1													24-1	19	30	30	3417
≥28	30	12	11	2	1			1									48-1	57	108	108	3417
≥22	60	21	16	13	4	4		1	1								54-1	120	263	265	3419
≥17	84	34	21	11	7	16	6	4	2	1			4				78-4	190	544	554	3420
≥11	108	58	31	23	13	11	12	8	7	7	11	2	2	2	2	9	204-1	306	1267	1298	3462
≥7	72	50	23	27	14	13	9	8	5	9	8	4	2	1	9	35	474-1	289	1948	2017	3518
≥4	76	44	13	19	5	6	8	6	6	5	6	2	4	2	2	52	558-1	256	2368	2594	3568

HOURS DURATION OF EVENTS

23

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48	1											
≥41	8	2										
≥34	19	5	2	1		1						
≥28	40	13	7	5	1			1				
≥22	57	27	22	9	5	5	7	1	1			
≥17	76	39	16	21	10	6	3	11	9	2		1
≥11	94	48	31	21	11	16	11	9	12	8	5	1
≥7	79	38	23	20	14	12	9	13	16	5	4	1
≥4	50	23	12	9	19	11	6	9	11	4	6	6

HOURS DURATION OF EVENTS

25 — 38.6N 18.6E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3417
≥48																					3417
≥41	2	1															12-1	3	4	4	3418
≥34	8	1			1												30-1	10	15	15	3419
≥28	23	9	1	1		2											36-2	36	60	60	3420
≥22	58	20	17	8	3	2	1	1	1	1							60-1	112	242	242	3421
≥17	83	47	23	23	8	8	9	2	2	2	2	1	2			1	168-1	213	631	631	3425
≥11	98	43	41	25	23	20	7	13	9	5	3	4	5	3	4	15	174-1	318	1473	1517	3449
≥7	59	34	18	15	16	20	9	10	7	10	3	6	9	2	7	49	324-1	274	2215	2421	3504
≥4	52	25	11	11	10	15	8	4	7	4	6	2	10	5	6	57	324-1	233	2310	2673	3527

HOURS DURATION OF EVENTS

26

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48	2	1										
≥41	2	1		1	1							
≥34	13	7	3	2								
≥28	22	8	6	4	3		2	1		1		
≥22	73	26	13	7	4	10	3	1	2		2	
≥17	81	41	30	11	12	8	9	11	[illegible]	[illegible]	[illegible]	[illegible]
≥11	83	35	22	19	17	16	13	8	[illegible]	8	4	4
≥7	50	32	24	16	9	10	14	8	10	6	9	
≥4	50	21	17	11	6	11	10	10	6	6	8	[illegible]

HOURS DURATION OF EVENTS

28 — 36.0N 35.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3416
≥48																					3416
≥41																					3416
≥34	3																6-3	3	3	3	3416
≥28	6	3															12-3	9	12	12	3416
≥22	14	5															12-5	19	24	24	3416
≥17	39	12	9	2	1												30-1	63	103	103	3416
≥11	94	39	15	16	6	3	6	2	3					1			84-1	185	428	428	3419
≥7	107	49	34	20	23	15	5	9	5	4	5	1	2		1	6	306-1	286	1029	1061	3455
≥4	136	61	37	25	18	16	10	10	5	3	5	5	5		5	13	306-1	354	1405	1447	3460

HOURS DURATION OF EVENTS

29

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34	1											
≥28	6	6	1									
≥22	50	11	5	2	1			1				
≥17	91	33	18	4	3	5	3				1	
≥11	122	45	44	19	8	9	8	4	[illegible]	[illegible]	4	
≥7	87	48	33	34	18	17	12	11	9	6	4	
≥4	93	42	31	28	20	18	13	7	11	4	[illegible]	

HOURS DURATION OF EVENTS

31 — 37.1N 5.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3416
≥48																					3416
≥41	1	1															12-1	2	3	3	3416
≥34	3		1														18-1	4	6	6	3416
≥28	10	1		1			1										42-1	13	23	23	3416
≥22	45	12	3	2	1						1						66-1	64	102	102	3416
≥17	76	28	17	2	9	3			1							1	108-1	131	281	283	3417
≥11	164	71	34	15	8	9	7	4	2	3	1	3	1	3	4	5	156-1	334	958	967	3454
≥7	139	85	47	23	22	14	8	9	10	4	4	3	5	4	4	24	222-1	405	1825	1945	3472
≥4	67	39	25	10	13	19	6	10	4	4	4	8	3	4	3	48	[illegible]	267	2356	2621	3495

HOURS DURATION OF EVENTS

32

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41	1											
≥34	2	1										
≥28	15	[illegible]	[illegible]	[illegible]								
≥22	48	12	2	1	4							
≥17	87	23	15	6	9	6						
≥11	131	63	37	24	19		[illegible]	[illegible]	[illegible]	[illegible]		
≥7	77	56	33	34	26	23	15	4	9	[illegible]		
≥4	55	27	18	19	14	12	[illegible]	9	9	[illegible]	[illegible]	

HOURS DURATION OF EVENTS

34 — 36.4N 28.5E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					3414
≥48																					3414
≥41																					3414
≥34	7																6-[illegible]	[illegible]	[illegible]	[illegible]	3414
≥28	14	2															12-2	16	18	18	3414
≥22	24	6	4	1	1	1											54-[illegible]	38	[illegible]	[illegible]	3415
≥17	51	31	8	4	4	1	4									[illegible]	120-[illegible]	[illegible]	[illegible]	227	3415
≥11	99	41	36	19	9	10	4	4	6	6	2	1	1	[illegible]	[illegible]	2	174-[illegible]	[illegible]	[illegible]	788	[illegible]
≥7	100	58	42	18	21	19	8	4	[illegible]	9	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	306-[illegible]	[illegible]	1390	[illegible]	3435
≥4	89	35	31	11	12	8	11	[illegible]	3	[illegible]	4	[illegible]	6	6	6	[illegible]	318-[illegible]	[illegible]	1888	[illegible]	[illegible]

HOURS DURATION OF EVENTS

35

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34	5											
≥28	[illegible]	[illegible]	[illegible]									
≥22	[illegible]	9	4									
≥17	[illegible]	[illegible]	[illegible]	[illegible]	6	4						
≥11	65	36	23	4	[illegible]	[illegible]	[illegible]	[illegible]				
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
≥4	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

HOURS DURATION OF EVENTS

37 — 36.5N 19.3E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					[illegible]
≥48																					[illegible]
≥41	[illegible]																[illegible]		[illegible]	[illegible]	[illegible]
≥34	9	2															[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	23	11	4		1	1											36-[illegible]	[illegible]	68	69	3415
≥22	44	27	12	6	4	3	1										84-2	[illegible]	231	235	3418
≥17	101	39	26	12	6	11	5	2	2	1			1	1			96-[illegible]	212	[illegible]	562	3418
≥11	116	58	41	26	14	20	10	9	[illegible]	[illegible]	9	2	3	2	2	[illegible]	162-[illegible]	141	1338	1467	3435
≥7	74	30	35	19	26	13	5	8	8	[illegible]	[illegible]	8	9	3	[illegible]	34	228-[illegible]	299	[illegible]	2351	[illegible]
≥4	41	19	10	12	7	6	4	8	3	4	5	6	[illegible]	4	5	52	486-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS DURATION OF EVENTS

38

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34	8											
≥28	[illegible]	[illegible]										
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4						
≥17	[illegible]	44	[illegible]	[illegible]	[illegible]							
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
≥4	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

HOURS DURATION OF EVENTS

40 — 36.0N 25.9E

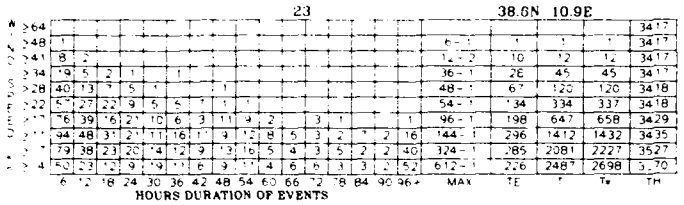
WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																					[illegible]
≥48																					[illegible]
≥41	4																[illegible]-4	4	4	4	[illegible]
≥34	11	2	2	2	1												30-1	18	34	34	[illegible]
≥28	18	8	7	5	2	3											60-1	44	[illegible]	[illegible]	[illegible]
≥22	54	20	17	7	6	4	3	6									[illegible]	[illegible]	156	[illegible]	3414
≥17	68	46	23	12	7	12	8	4	3	2	1	4				5	228-[illegible]	[illegible]	[illegible]	801	3416
≥11	81	46	20	23	9	12	10	11	[illegible]	[illegible]	5	[illegible]	4	[illegible]	1	18	252-[illegible]	[illegible]	[illegible]	1546	3449
≥7	73	29	21	24	16	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	5	41	444-[illegible]	[illegible]	[illegible]	[illegible]	3486
≥4	32	25	19	10	3	13	4	4	4	6	7	4		4	[illegible]	[illegible]	647-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

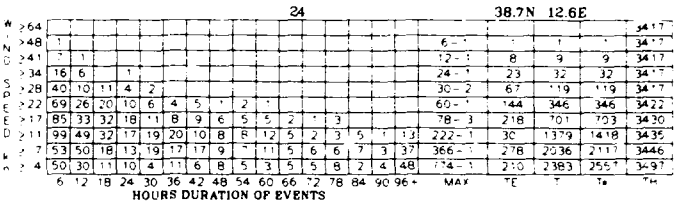
HOURS DURATION OF EVENTS

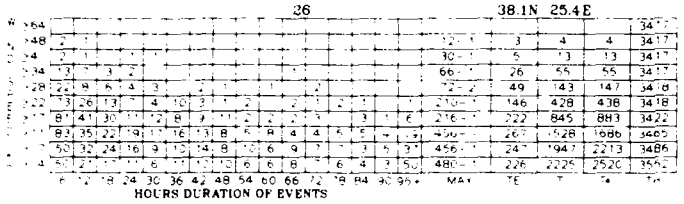
41

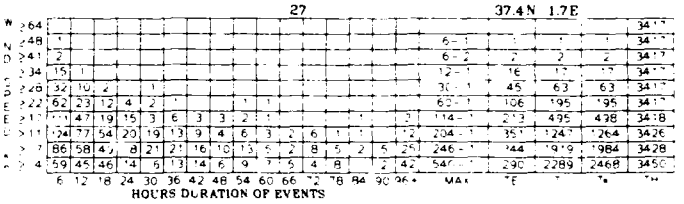
WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72
≥64												
≥48												
≥41												
≥34	[illegible]											
≥28	6	5										
≥22	[illegible]	[illegible]	6									
≥17	34	[illegible]	[illegible]	[illegible]	4							
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			

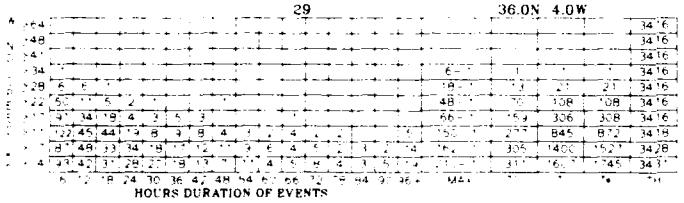
HOURS DURATION OF EVENTS

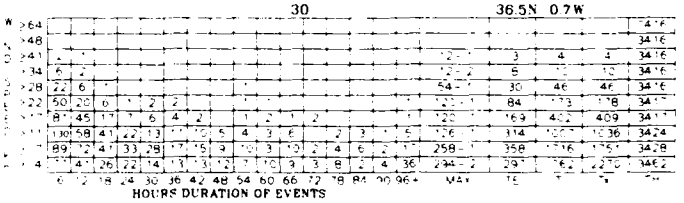

23
38.6N 10.9E
HOURS DURATION OF EVENTS

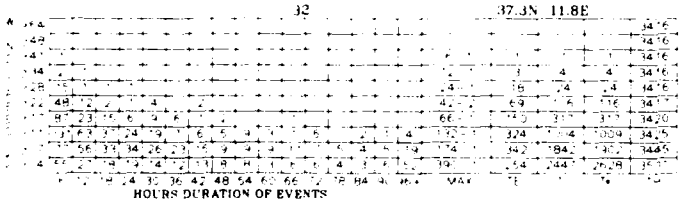

24
38.7N 12.6E
HOURS DURATION OF EVENTS

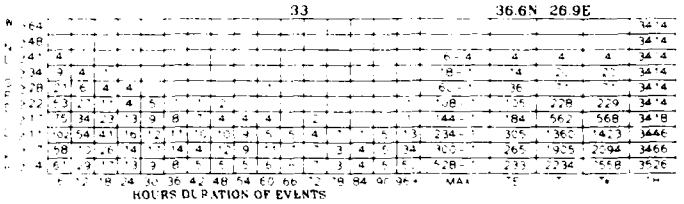

26
38.1N 25.4E
HOURS DURATION OF EVENTS

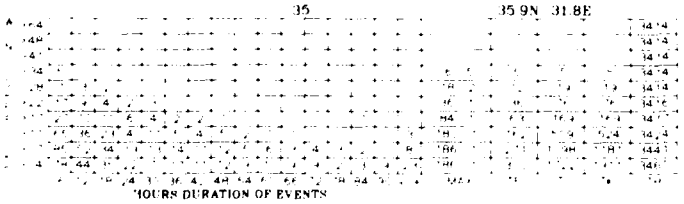

27
37.4N 1.7E
HOURS DURATION OF EVENTS

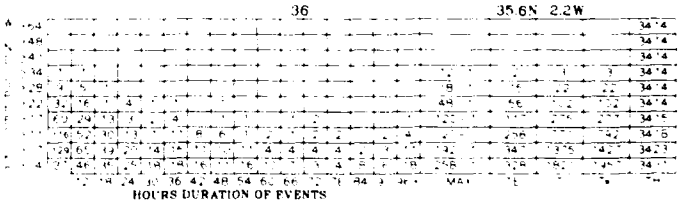

29
36.0N 4.0W
HOURS DURATION OF EVENTS

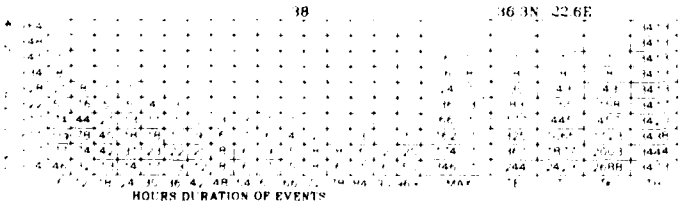

30
36.5N 0.7W
HOURS DURATION OF EVENTS

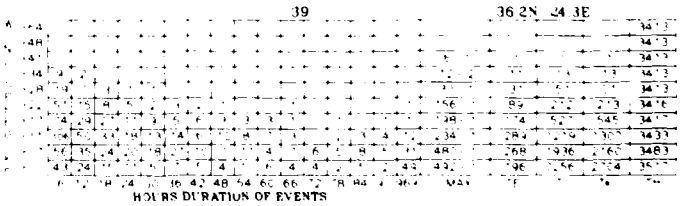

32
37.3N 11.8E
HOURS DURATION OF EVENTS

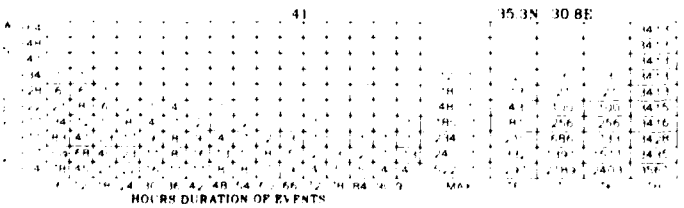

33
36.6N 26.9E
HOURS DURATION OF EVENTS

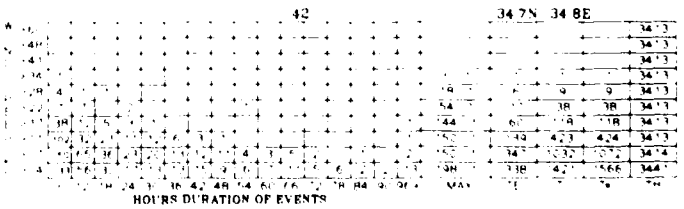

35
35.9N 31.8E
HOURS DURATION OF EVENTS


36
35.6N 2.2W
HOURS DURATION OF EVENTS


38
36.3N 22.6E
HOURS DURATION OF EVENTS


39
36.2N 24.3E
HOURS DURATION OF EVENTS


41
35.3N 30.8E
HOURS DURATION OF EVENTS


42
34.7N 34.8E
HOURS DURATION OF EVENTS

43 36.0N 13.5E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48																					3412
≥41	2																6-2	2	2	2	3412
≥34	6	2	1														18-1	9	13	13	3412
≥28	21	3	4	1		1											36-1	30	49	49	3412
≥22	53	18	5	5	7							1		1			84-1	90	185	195	3413
≥17	71	36	26	8	9	8	6	1				2	1		1	1	108-1	170	466	483	3414
≥11	102	62	39	36	18	15	8	7	9	5	3	4	2	2		10	138-3	322	1242	1313	3418
≥7	75	43	36	26	25	15	11	9	8	11	6	4	2	7	3	35	210-1	316	1938	2124	3444
≥4	57	28	24	17	11	8	7	5	3	6	3	12	3	2		52	372-1	238	2332	2765	3517

HOURS DURATION OF EVENTS

44 35.9N 16.8E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48	1																6-1	1	1	1	3412
≥41	2		1														18-1	3	5	5	3412
≥34	7	1		1													24-1	9	13	13	3412
≥28	26	5	4	1	1												30-1	37	57	57	341[illegible]
≥22	50	27	7	7	5	3	1			1							60-1	101	213	214	3415
≥17	93	44	16	15	9	13	5	5	1		2	1				1	102-1	205	547	558	3417
≥11	99	54	45	18	29	15	17	7	3	6	12	3	3	1	1	13	210-1	326	1429	1527	3463
≥7	71	35	23	16	21	9	7	9	9	7	9	9	3	5	3	40	372-1	276	2011	2325	3472
≥4	50	31	12	15	9	7	7	5	6	5	7	4	4	5	1	53	432-1	221	2207	2629	3504

HOURS DURATION OF EVENTS

46 35.0N 28.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48																					3412
≥41	1	1															12-1	2	3	3	3412
≥34	7		2	2	1												30-1	12	26	26	3412
≥28	19	9	5	2	1		1										42-1	37	72	72	3412
≥22	45	23	12	7	4	5	1	2	1	1						1	156-1	102	273	277	3414
≥17	81	46	28	12	8	11	4	1	3	3	3	1	1		1	2	246-1	205	634	657	3413
≥11	93	38	29	20	15	12	17	9	5	7	5	4	3	5	1	19	324-1	282	1405	1583	3429
≥7	64	35	21	8	14	7	8	10	6	6	8	2	6	6	8	41	414-1	250	2021	2379	3449
≥4	64	26	15	7	6	2	11	1	6	5	4	5	3	9	3	47	594-1	214	2182	2686	3492

HOURS DURATION OF EVENTS

47 35.2N 19.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48																					3412
≥41	1	1															12-1	2	3	3	3412
≥34	5	2			1												30-1	8	14	14	3413
≥28	24	12		2	2												30-2	40	66	66	3413
≥22	43	27	8	13	4	1	3	1									48-1	100	228	233	3417
≥17	93	41	16	10	11	9	6	2	2	1	1			1		2	96-2	195	515	539	3418
≥11	98	44	38	23	11	23	16	7	5	8	8	5	4	4	2	9	138-1	315	1381	1459	3444
≥7	60	47	28	21	10	17	10	7	9	10	6	4	8	7	11	34	294-1	289	2149	2488	3481
≥4	32	19	12	10	5	6	4	3	3	5	3	3	2	8	5	59	570-1	179	2456	3099	3577

HOURS DURATION OF EVENTS

49 34.8N 24.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48																					3412
≥41	1																6-1	1	1	1	3412
≥34	3																6-3	[illegible]	[illegible]	3	3412
≥28	8	3															12-3	11	14	14	3412
≥22	42	10	8		1		2										42-2	65	114	114	3412
≥17	49	20	16	6	6	1	6	3	2			1					72-1	110	293	297	3417
≥11	115	55	25	17	18	10	8	4	7	1	3	2	2			6	150-1	273	876	915	3425
≥7	92	45	33	25	15	20	15	8	4	5	4	7	7	3	3	21	288-1	307	1616	1715	3448
≥4	64	37	9	21	14	14	12	9	10	5	2	2	7		6	37	546-1	249	1953	2223	3475

HOURS DURATION OF EVENTS

50 34.0N 30.5E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					34[illegible]
≥48																					34[illegible]
≥41																					34[illegible]
≥34	2	2	1														18-1	5	9	9	34[illegible]
≥28	8	1		5	1												30-1	15	35	35	34[illegible]
≥22	20	10	5	2	3	2	1	2								1	108-1	46	131	131	3413
≥17	37	22	14	12	4	4	2		3	1	1					1	198-1	101	310	320	3414
≥11	93	44	17	16	16	9	10	5	2	6		2	2		1	5	216-1	230	833	940	3415
≥7	105	38	27	15	15	18	13	17	8	6	7	6	7	6	3	17	282-1	308	1633	1856	3450
≥4	73	39	19	11	11	4	12	9	4	7	8	2	3	4	3	50	402-1	259	2177	2602	3521

HOURS DURATION OF EVENTS

52 33.7N 28.0E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3407
≥48																					3407
≥41	1																6-1	1	1	1	3407
≥34	5	5	2														18-2	12	21	21	3407
≥28	15	4	7	3		3	1										42-1	33	81	82	3408
≥22	36	21	10	8	4	3		2	4							1	114-1	89	249	261	3407
≥17	55	27	12	8	7	4	10	1	5	3	5	2			1	1	258-1	142	540	577	3408
≥11	105	41	23	17	18	6	11	10	4	4	6	2	2	4	2	15	258-1	275	1271	1459	3440
≥7	62	32	22	13	7	11	16	6	5	8	3	3	5	3	7	44	396-1	237	1993	2337	3461
≥4	19	25	13	9	3	5	5		2	4	2	3	3	4	3	48	528-1	174	2094	2860	3545

HOURS DURATION OF EVENTS

53 33.3N 31.1E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					34[illegible]
≥48																					3407
≥41	1																6-1	1	1	1	3407
≥34	6		1														18-1	7	9	9	3407
≥28	9	2	3	2									1				78-1	17	43	43	3407
≥22	12	11	5	1	3	1	2									1	108-1	36	106	106	34[illegible]
≥17	38	14	11	6	5	2	1	2	3		1					1	186-1	94	252	259	3407
≥11	91	42	28	26	12	10	7	3	2	2	2	3	2	1		2	210-1	228	734	837	3410
≥7	100	61	28	20	21	22	9	12	8	6	4	5	3	3	3	15	228-1	320	1471	1704	3427
≥4	59	36	26	16	12	10	11	8	3	4	12	4	2	3	5	42	414-1	255	2015	2435	3434

HOURS DURATION OF EVENTS

55 34.0N 15.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3406
≥48																					3406
≥41			1														18-1	1	3	3	3406
≥34	4		1														18-1	[illegible]	[illegible]	[illegible]	3406
≥28	11	8	2	3	1												30-1	25	50	50	3406
≥22	35	12	12	8	1	4	1										54-1	74	172	175	3408
≥17	62	37	21	16	13	1	6	4	2	2							60-2	170	482	501	3410
≥11	158	58	27	24	21	17	11	9	6	9	3	4		2	2	11	300-1	313	1355	1435	3443
≥7	55	41	23	19	14	16	18	12	16	6	6	7	8	4	6	33	576-1	284	2139	2436	3520
≥4	42	21	10	12	13	10	11	6	10	4	3		5	4		58	630-1	217	2358	2916	3544

HOURS DURATION OF EVENTS

56 33.6N 22.3E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3406
≥48																					3406
≥41																					3406
≥34	7	1															12-1	8	9	9	3406
≥28	14	3	1	1	1												30-1	20	32	34	3407
≥22	39	7	12	2	4		1	1									48-1	56	132	136	3407
≥17	82	26	11	9	7	6	3	1	5	1	1	1					72-1	153	381	421	341[illegible]
≥11	131	56	42	23	5	19	7	8	11	4	6	3	5	2	3	5	150-1	330	1193	1284	3432
≥7	74	37	21	35	23	15	13	15	10	6	7	12	3	4	7	27	288-1	307	1949	2231	3439
≥4	41	26	6	12	7	3	8	11	6	8	2	6	10		2	58	714-1	[illegible]	2423	2935	3560

HOURS DURATION OF EVENTS

58 33.1N 19.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3404
≥49																					3404
≥41																	6	[illegible]	[illegible]	[illegible]	3404
≥34	1																18	4	6	6	3404
≥28	[illegible]	4															30	[illegible]	[illegible]	[illegible]	3405
≥22	23	11	6	3	5												36	49	106	114	3405
≥17	65	32	22	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	393	3408
≥11	[illegible]	78	26	29	26	[illegible]	[illegible]	[illegible]	8	4	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	138	306	1144	1249	3425
≥7	[illegible]	[illegible]	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1198	2206	3433
≥4	48	29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	450	206	2182	2929	[illegible]

HOURS DURATION OF EVENTS

59 32.6N 26.2E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					340[illegible]
≥48																					3403
≥41																					3403
≥34	4	2															18-[illegible]	[illegible]	[illegible]	[illegible]	3403
≥28	12	[illegible]	6	[illegible]	[illegible]												48	[illegible]	[illegible]	[illegible]	[illegible]
≥22	41	12	5	4	6	[illegible]	[illegible]										[illegible]	[illegible]	[illegible]	204	[illegible]
≥17	55	24	11	9	6	8	[illegible]	[illegible]	6	[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥11	[illegible]	51	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	4	186	265	786	[illegible]	[illegible]
≥7	[illegible]	43	20	15	12	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥4	56	29	19	8	[illegible]	[illegible]	4	6	5	[illegible]	[illegible]	4	[illegible]	3	6	4	684	[illegible]	2994	[illegible]	[illegible]

HOURS DURATION OF EVENTS

61 31.7N 32.4E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3402
≥48																					3402
≥41																					3402
≥34	3																12	[illegible]	[illegible]	6	3402
≥28	[illegible]	[illegible]	[illegible]														42	16	25	25	3402
≥22	14	2	2	[illegible]	[illegible]												48	25	66	66	[illegible]
≥17	14	6	5	[illegible]	[illegible]	[illegible]											108	62	169	171	3402
≥11	75	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	162	213	648	718	3402
≥7	49	57	37	25	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	240	140	1418	1660	3406
≥4	14	36	17	[illegible]	[illegible]	12	9	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	4	26	414	281	1792	[illegible]	3410

HOURS DURATION OF EVENTS

62 32.6N 15.9E

Wind speed (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					34[illegible]
≥48																					34[illegible]
≥41																					34[illegible]
≥34	1																6	[illegible]	[illegible]	3	34[illegible]
≥28	7	3	2														24	[illegible]	[illegible]	[illegible]	34[illegible]
≥22	4	[illegible]	[illegible]	[illegible]	4												42	[illegible]	49	[illegible]	[illegible]
≥17	12	22	13	14	5	1	6	2									66	[illegible]	139	312	354
≥11	100	51	41	12	24	12	8	4	8	10	[illegible]	4	[illegible]	4	4	2	246	307	1168	1246	3433
≥7	71	43	30	[illegible]	[illegible]	[illegible]	12	15	1	6	9	8	[illegible]	[illegible]	2	32	438	307	1967	2257	3432
≥4	56	24	21	6	2	[illegible]	2	[illegible]	[illegible]	6	5	5	[illegible]	2	7	48	[illegible]	[illegible]	2038	2634	3480

HOURS DURATION OF EVENTS

WIND SPEED DURATIONS (Cont'd)

35.9N 16.8E

90	96+	MAX	TE	T	T*	TH
						3412
		6-1	1	1	1	3412
		18-1	3	5	5	3412
		24-1	9	13	13	3412
		30-1	37	57	57	3415
		60-1	101	213	214	3415
		102-1	205	547	558	3417
	[illegible]	270-1	326	1429	1527	3463
[illegible]	40	372-1	276	2011	2325	3472
[illegible]	53	432-1	221	2207	2629	3504

35.2N 19.2E

90	96+	MAX	TE	T	T*	TH
						3412
						3412
		12-1	2	3	3	3412
		30-1	8	14	14	3413
		30-2	40	66	66	3413
		48-1	100	228	233	3417
	2	96-2	195	515	539	3418
2	9	138-1	315	1381	459	3444
[illegible]	34	294-1	289	2149	2488	3481
6	59	[illegible]	179	2456	3099	357[illegible]

34.0N 30.5E

90	96+	MAX	TE	T	T*	TH
						3411
						3411
						3411
		18-1	7	9	9	3411
		30-1	15	35	35	3411
	1	108-1	46	131	131	3413
	1	198-1	101	310	320	3414
	5	216-1	230	833	940	3415
[illegible]	[illegible]	282-1	308	1633	1856	3452
[illegible]	[illegible]	[illegible]	259	[illegible]	2602	352[illegible]

33.3N 31.1E

90	96+	MAX	TE	T	T*	TH
						3407
						3407
		6-1	1	1	1	3407
		18-1	[illegible]	9	9	3407
		78-1	[illegible]	43	43	3407
		108-1	16	[illegible]	[illegible]	3407
		186-1	94	252	259	3407
	[illegible]	[illegible]	228	734	837	34[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34[illegible]
	4[illegible]	414	[illegible]	[illegible]	2435	3434

33.6N 22.3E

90	96+	MAX	TE	T	T*	TH
						3406
						3406
						3406
		[illegible]	9	9	9	3406
		[illegible]	[illegible]	32	34	3407
		46	66	132	136	34[illegible]
		[illegible]	143	[illegible]	421	34[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	1384	34[illegible]
	[illegible]	288	[illegible]	[illegible]	[illegible]	3439
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

32.6N 26.2E

90	96+	MAX	TE	T	T*	TH
						[illegible]
						[illegible]
						[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

32.6N 15.9E

90	96+	MAX	TE	T	T*	TH
						[illegible]
						[illegible]
						[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	154	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

45 — 35.2N 26.6E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48	1																6-1	1	1	1	3412
≥41	3		1														18-1	4	6	6	3412
≥34	7	4	5	1													24-1	17	34	34	3412
≥28	32	9	9	3	4	1	1	1									48-1	60	130	131	3412
≥22	51	30	10	9	7	4	2	4	2	4						2	126-1	125	377	389	3412
≥17	87	35	28	14	9	11	5	5	7	2	2	2	2		3	3	192-1	215	762	795	3415
≥11	72	39	25	22	20	10	10	10	5	4	8	5	5	2	2	23	432-1	262	1527	1618	3422
≥7	41	44	16	19	18	4	6	10	4	8	4	5	2	4	1	42	594-1	228	1946	2350	3459
≥4	49	24	9	9	10	5	7	4	3	2	2	4	2	4	3	51	852-1	188	2160	2750	3558

HOURS DURATION OF EVENTS

48 — 35.1N 20.8E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3412
≥48																					3412
≥41	1	1															12-1	2	3	3	3412
≥34	7	3															24-1	11	17	17	3413
≥28	23	8	2	1	2												30-2	36	59	59	3416
≥22	49	22	14	2	2	2	2	1	1								54-1	95	196	200	3417
≥17	73	33	18	15	6	7	5	5	4			2		1	1		90-1	170	489	502	3417
≥11	115	57	32	21	23	15	12	7	14	9	4	3		2	2	9	132-2	325	1272	1395	3440
≥7	56	45	31	22	19	12	19	18	14	4	8	4	7	8	8	29	288-1	304	2066	2281	3459
≥4	47	22	18	14	5	13	7	5	6	6	8	5	6	6	5	48	624-1	221	2284	2831	3495

HOURS DURATION OF EVENTS

51 — 33.5N 33.6E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3411
≥48																					3411
≥41	[illegible]																[illegible]	1			3411
≥34	2							1									6-2	2	2	2	3411
≥28	8	2															36-1	11	18	18	3411
≥22	20	3	3			2											84-1	29	61	61	3411
≥17	27	12	9	5	2	3	1									1	138-1	60	156	158	3411
≥11	91	47	22	12	7	6	4	4	2	2		1				1	204-1	199	514	548	3411
≥7	128	68	29	25	23	19	9	9	10	9	6	4	5	1		4	210-1	349	1281	1425	3411
≥4	76	34	20	20	19	21	15	14	10	4	7	5	9	4	4	29	468-1	291	1905	2272	3442

HOURS DURATION OF EVENTS

54 — 34.0N 12.7E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3406
≥48																					3406
≥41																					3406
≥34	4	1															12-1	5	6	6	3406
≥28	14	3	1		1												30-1	19	28	28	3406
≥22	16	18	4	6	2		1		1								54-1	48	114	122	3410
≥17	57	39	13	9	4	4	3	3	2	1	1	2					72-2	138	362	382	3414
≥11	86	44	[illegible]	17	15	13	12	9	4	8	5	4	2	1	2	10	180-1	259	1118	1186	3448
≥7	81	44	38	20	15	18	9	15	11	5	8	5	5	5	1	29	534-1	309	1906	2067	3500
≥4	67	41	26	14	15	12	12	9	7	5	4	6	6	4	4	47	594-1	273	2238	2578	3520

HOURS DURATION OF EVENTS

57 — 33.2N 18.3E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3404
≥48																					3404
≥41		1															12-1	1	2	2	3404
≥34	4	1		1													24-1	6	10	10	3404
≥28	11	3	2	1	1												30-1	18	32	33	3405
≥22	29	15	[illegible]	5		3	1										42-1	63	134	138	3405
≥17	[illegible]	35	16	16	7	6	2	3	1	1						1	96-1	160	409	429	3416
≥11	[illegible]	55	32	28	20	14	11	14	8	8	5	4	4	5	1	5	138-1	321	1287	1384	3423
≥7	64	34	24	14	19	15	15	10	11	8	10	8	5	1	3	35	312-1	276	1976	2374	3488
≥4	37	[illegible]	9	6	5	4	4	1	4	6	3	5	2	1	5	49	342-1	174	2023	2832	3494

HOURS DURATION OF EVENTS

60 — 32.2N 29.3E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3403
≥48																					3403
≥41	[illegible]																6-[illegible]	[illegible]	2	2	3403
≥34	[illegible]	2															30-1	8	14	14	3403
≥28	[illegible]		3	1													54-1	22	55	55	3403
≥22	[illegible]	[illegible]	6		4												94-1	52	146	146	3405
≥17	44	[illegible]	[illegible]	[illegible]	[illegible]	3		2	3							1	150-1	104	323	343	3406
≥11	[illegible]	43	[illegible]	14	[illegible]	9		[illegible]	[illegible]	[illegible]	2			[illegible]		[illegible]	246-1	233	848	973	3407
≥7	94	[illegible]	[illegible]	21	14	16	[illegible]	[illegible]	[illegible]	6	8	[illegible]	[illegible]		4	23	264-1	296	1603	1892	34[illegible]
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	2	[illegible]	5	4	[illegible]	42	408-1	264	2074	2534	[illegible]

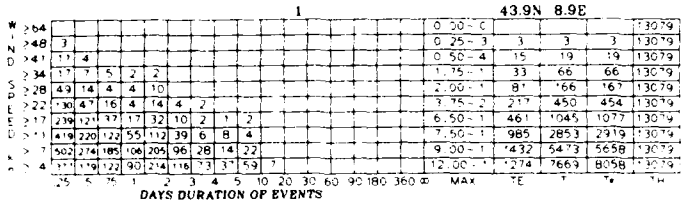
HOURS DURATION OF EVENTS

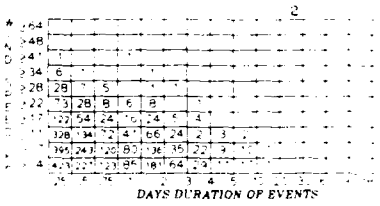
63 — 31.2N 18.9E

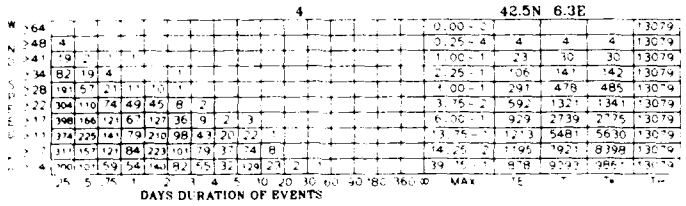
Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																					3398
≥48																					3398
≥41																					3398
≥34		1														1	12-1	2	3	3	3398
≥28	[illegible]		1	1													24-1	8	14	14	3398
≥22	18	9	4		1												36-1	35	69	69	3398
≥17	66	[illegible]	12	2	4	4	2		2	2							60-2	175	271	284	3403
≥11	[illegible]	[illegible]	34	[illegible]	[illegible]	18	[illegible]	9	4	[illegible]	1	2	1	2	1	6	108-1	272	1008	1114	3413
≥7	[illegible]	[illegible]	10	[illegible]	24	16	12	[illegible]	[illegible]	[illegible]	6	6	6	1	1	27	246-1	302	1777	2064	3434
≥4	41	[illegible]	12	12	9	10	8	7	9	1	8	4	1	2	3	44	432-1	202	1896	2762	3456

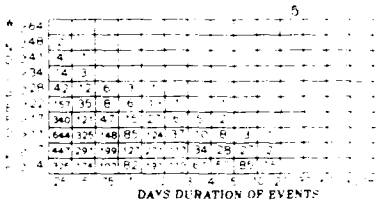
HOURS DURATION OF EVENTS

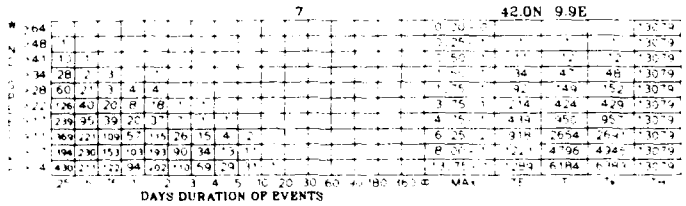
WIND SPEED DURATIONS

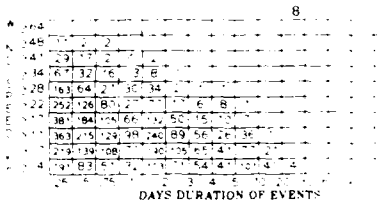


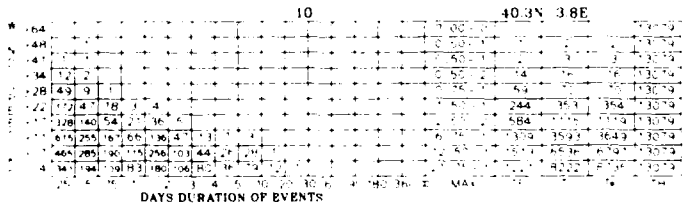


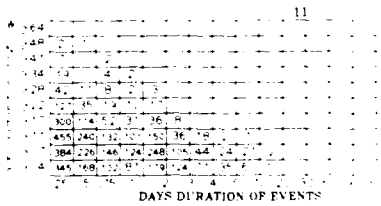


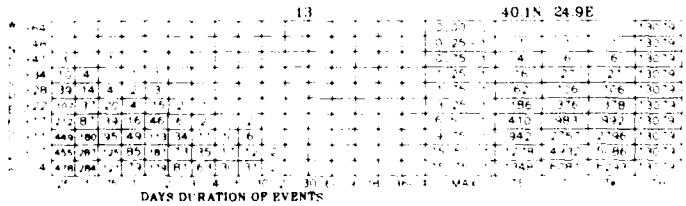


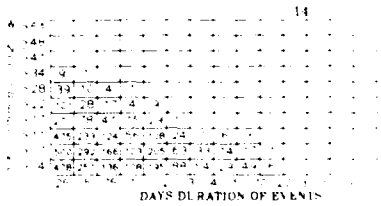


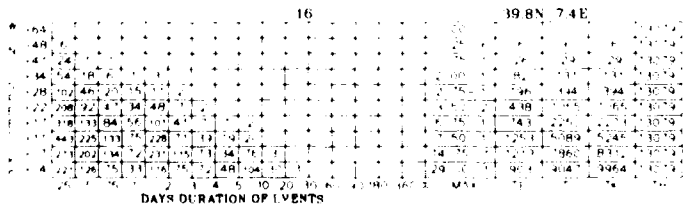


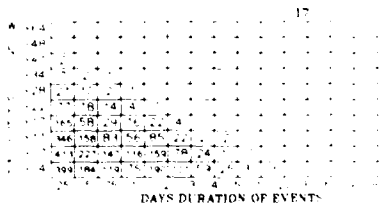


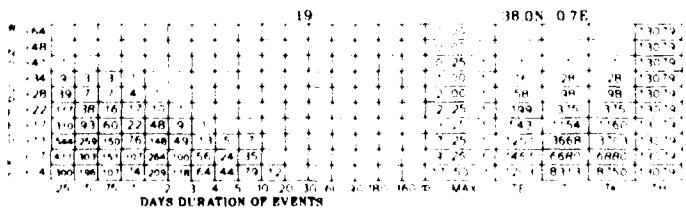


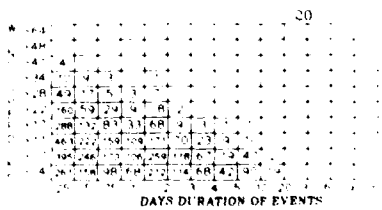


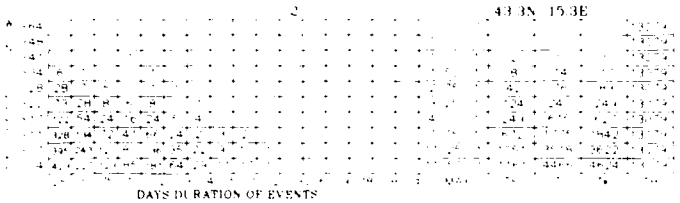


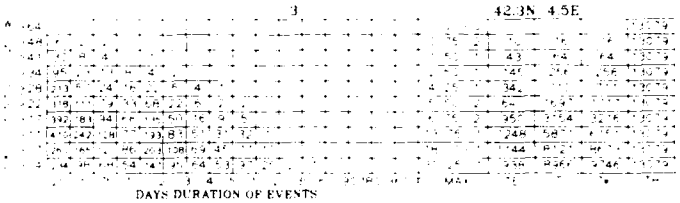









2
43.3N 15.3E
DAYS DURATION OF EVENTS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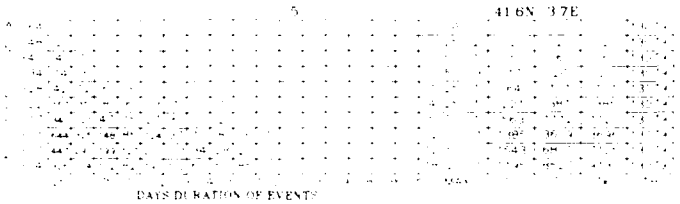
42.3N 4.5E
DAYS DURATION OF EVENTS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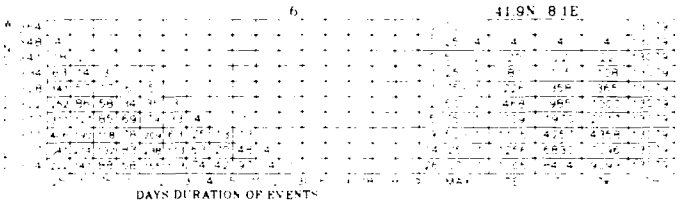
41.6N 3.7E
DAYS DURATION OF EVENTS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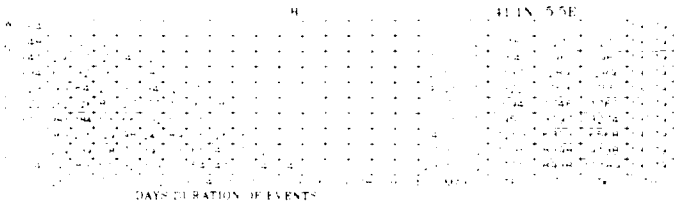
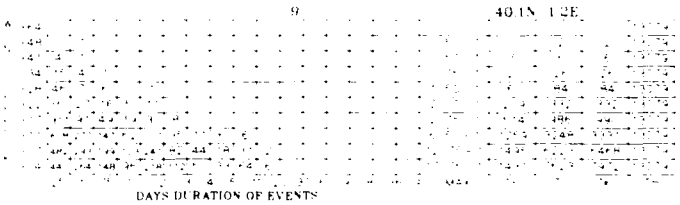
41.9N 8.1E
DAYS DURATION OF EVENTS


8
41.1N 5.5E
DAYS DURATION OF EVENTS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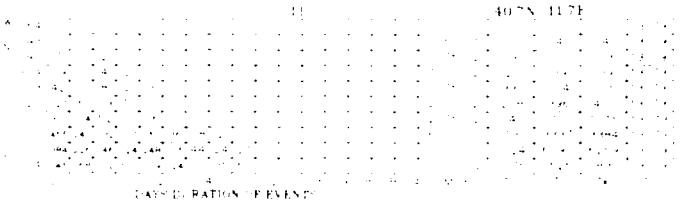
40.1N 1.2E
DAYS DURATION OF EVENTS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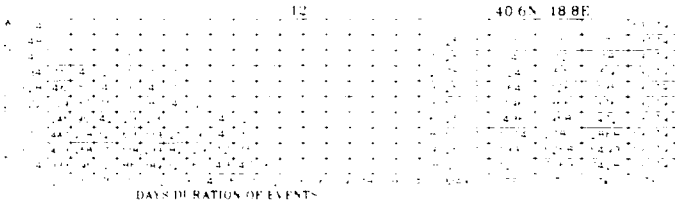
40.7N 11.7E
DAYS DURATION OF EVENTS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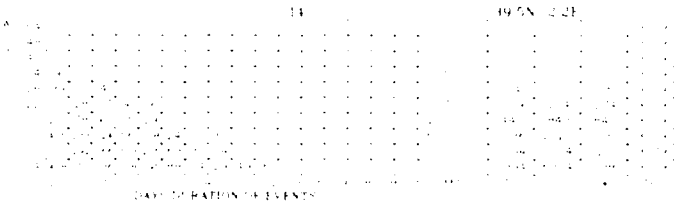
40.6N 18.8E
DAYS DURATION OF EVENTS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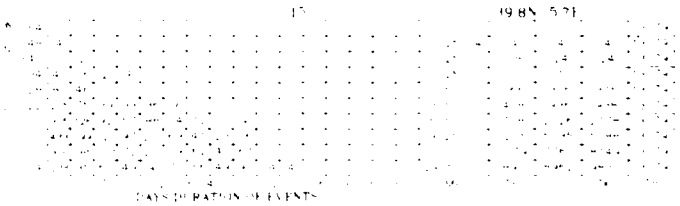
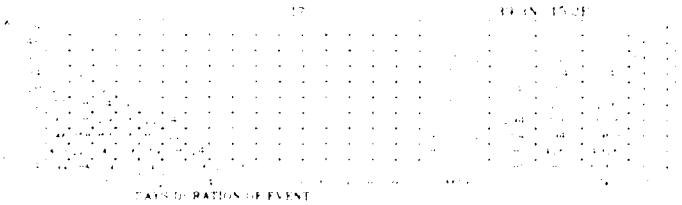
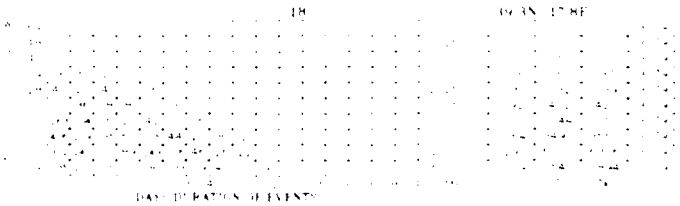
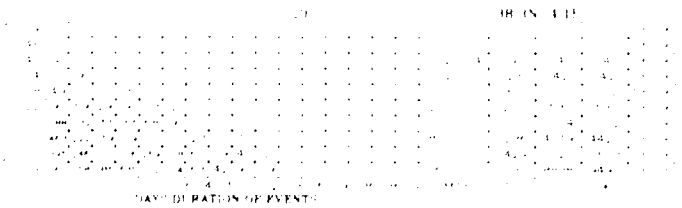
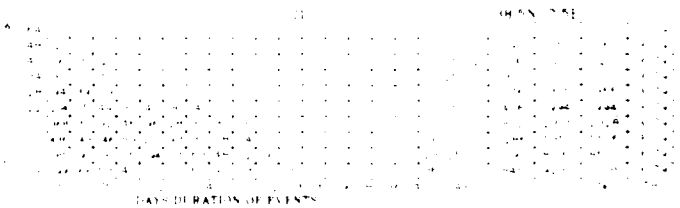
49.5N 2.2E
DAYS DURATION OF EVENTS


17
49.8N 5.7E
DAYS DURATION OF EVENTS

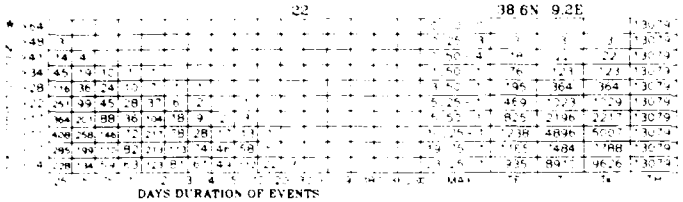

17
DAYS DURATION OF EVENT


18
DAYS DURATION OF EVENTS


DAYS DURATION OF EVENTS

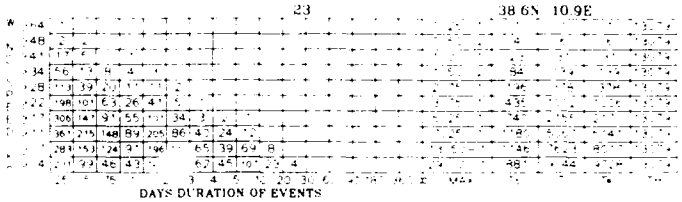

DAYS DURATION OF EVENTS

22 38.6N 9.2E



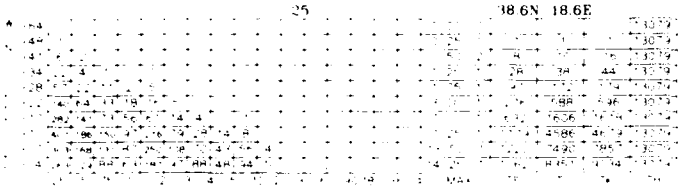
DAYS DURATION OF EVENTS

23 38.6N 10.9E



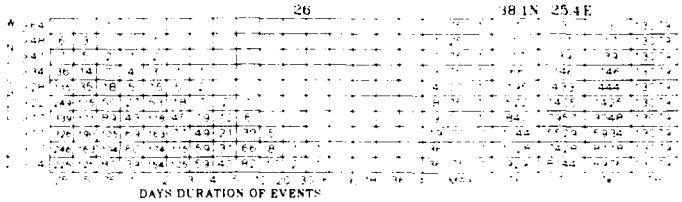
DAYS DURATION OF EVENTS

25 38.6N 18.6E



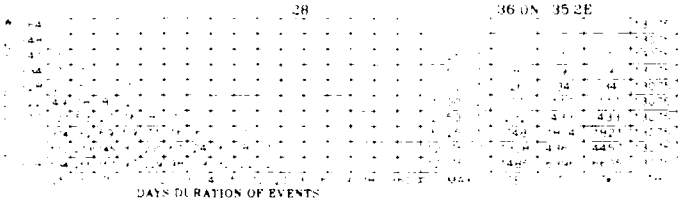
DAYS DURATION OF EVENTS

26 38.1N 25.4E



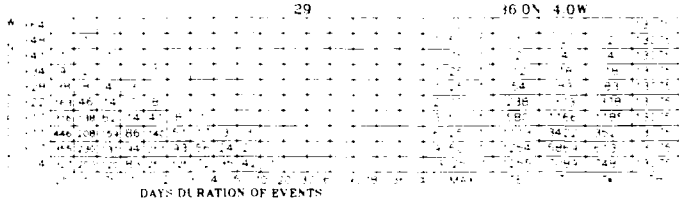
DAYS DURATION OF EVENTS

28 36.0N 35.2E



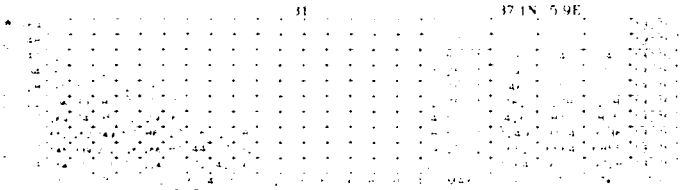
DAYS DURATION OF EVENTS

29 36.0N 4.0W



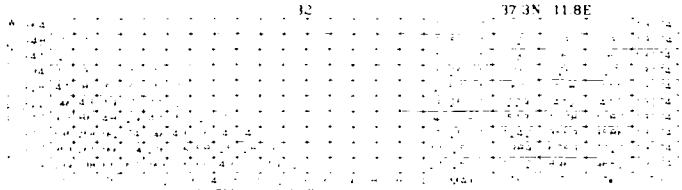
DAYS DURATION OF EVENTS

31 37.1N 5.9E



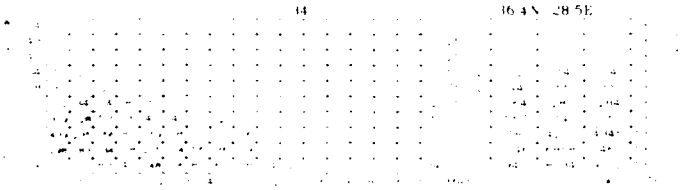
DAYS DURATION OF EVENTS

32 37.3N 11.8E



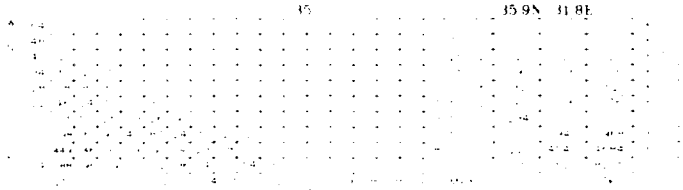
DAYS DURATION OF EVENTS

34 36.4N 28.5E



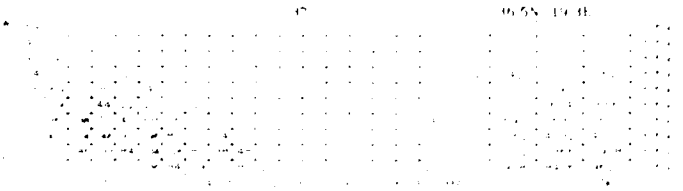
DAYS DURATION OF EVENTS

35 35.9N 41.8E



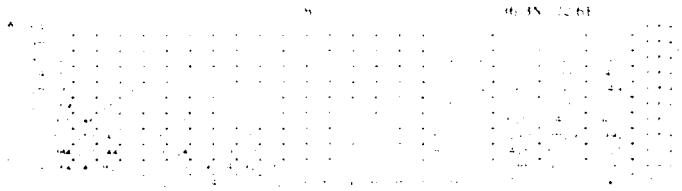
DAYS DURATION OF EVENTS

37 36.5N 17.4E



DAYS DURATION OF EVENTS

38 36.4N 2.6E

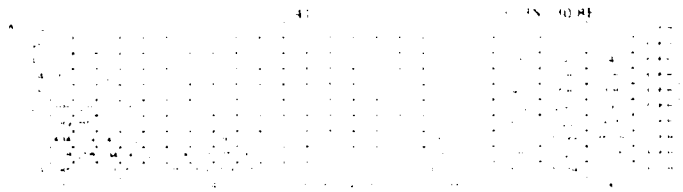


DAYS DURATION OF EVENTS

39 36.0N 22.9E

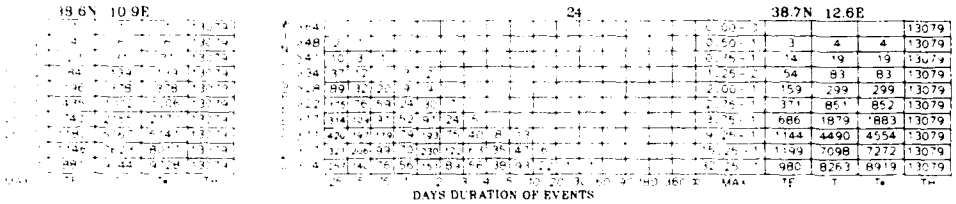
DAYS DURATION OF EVENTS

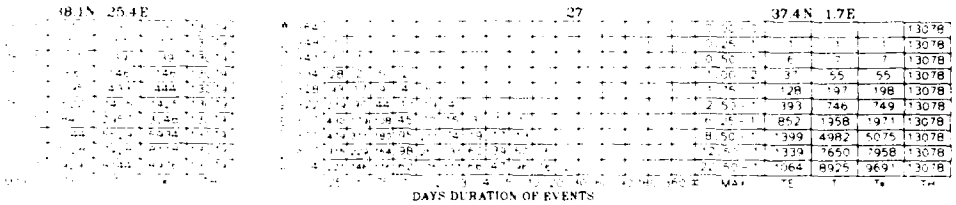
41 [illegible]N 40.8E

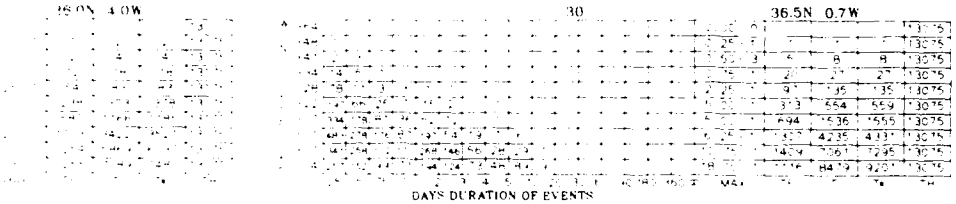


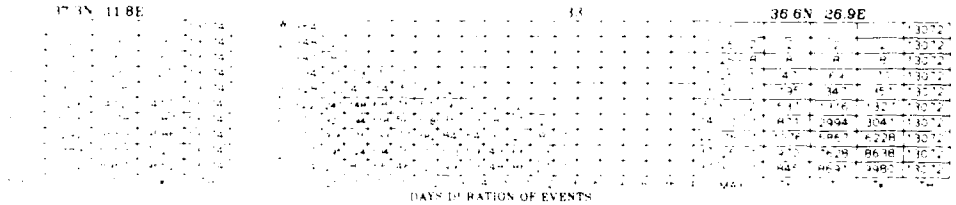
DAYS DURATION OF EVENTS

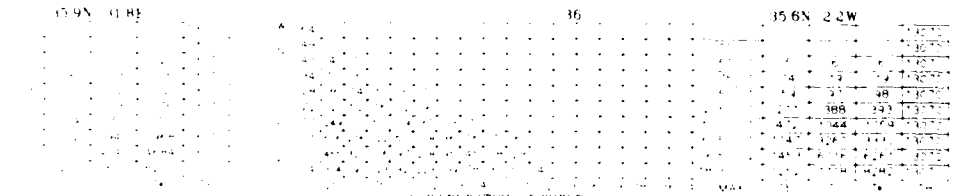
WIND SPEED DURATIONS (Cont'd)

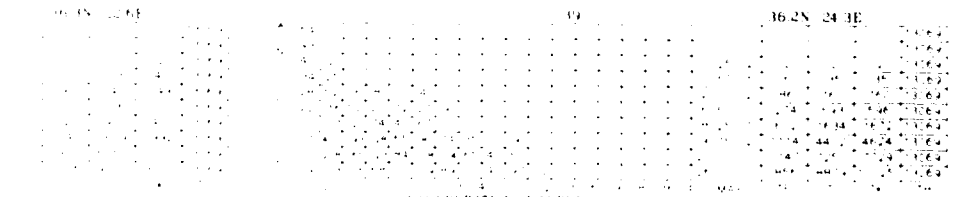


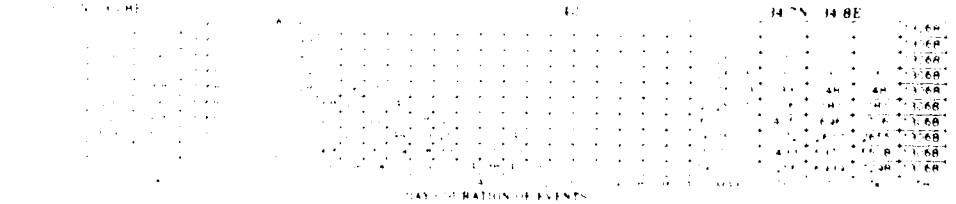












WIND SPEED DURATIONS (Cont'd)

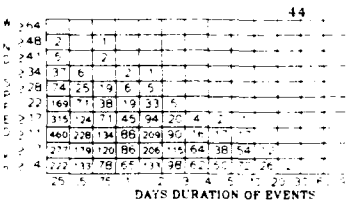
43 36.0N 13.5E

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13066
≥48	2	1															0.50 - 1	3	4	4	13066
≥41	5	1		1													1.00 - 1	7	11	11	13066
≥34	32	5	2		1												1.50 - 1	40	54	56	13066
≥28	65	25	12	4	5												1.75 - 1	111	196	200	13066
≥22	146	60	23	23	20	5	2										3.50 - 1	279	616	640	13066
≥17	289	114	88	39	68	13	7	1	1								6.25 - 1	620	1613	1655	13066
≥11	381	212	135	104	197	66	26	11	10								7.00 - 1	1142	4322	4475	13066
≥7	295	183	132	92	237	123	66	31	51	2							13.00 - 1	1212	7096	7553	13066
≥4	227	125	88	52	142	96	62	46	85	19	7						26.25 - 1	949	8530	9675	13066

DAYS DURATION OF EVENTS

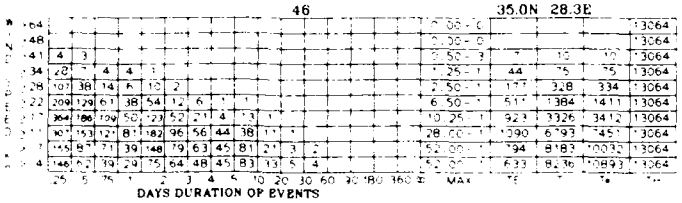
44

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13066
≥48	2		1														0.50 - 1	3	4	4	13066
≥41	5		2														1.00 - 1	7	11	11	13066
≥34	37	6		2	1												1.50 - 1	40	54	56	13066
≥28	74	25	19	6	5												1.75 - 1	111	196	200	13066
≥22	169	71	38	19	33	5											3.50 - 1	279	616	640	13066
≥17	315	124	71	45	94	20	4	2									6.25 - 1	620	1613	1655	13066
≥11	460	228	134	86	209	90	16	17	17								7.00 - 1	1142	4322	4475	13066
≥7	277	179	120	86	206	115	64	38	54	12							13.00 - 1	1212	7096	7553	13066
≥4	222	133	78	65	131	98	62	50	72	26	2						26.25 - 1	949	8530	9675	13066



DAYS DURATION OF EVENTS

46 35.0N 28.3E

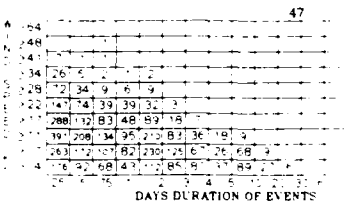


WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13064
≥48																	0.00 - 0				13064
≥41	4	3															0.50 - 3	7	10	10	13064
≥34	28	7	4	4	1												1.25 - 1	44	75	75	13064
≥28	107	38	14	6	10	2											2.50 - 1	177	328	334	13064
≥22	209	129	61	38	54	12	6	1	1								6.50 - 1	511	1384	1411	13064
≥17	364	186	109	50	123	52	21	4	13	1							10.25 - 1	923	3326	3412	13064
≥11	307	153	121	81	182	96	56	44	38	11	1						28.00 - 1	1090	6793	7451	13064
≥7	155	87	71	39	148	79	63	45	81	21	3	2					52.00 - 1	794	8183	10032	13064
≥4	146	62	39	29	75	64	48	45	83	13	5	4					52.00 - 1	633	8236	10893	13064

DAYS DURATION OF EVENTS

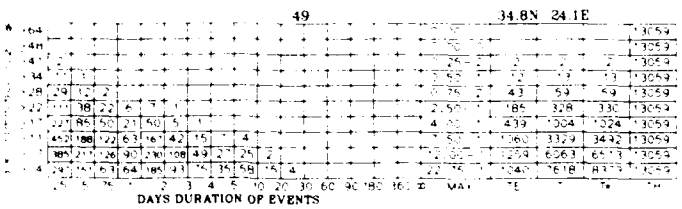
47

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13064
≥48																	0.00 - 0				13064
≥41																	0.50 - 3	7	10	10	13064
≥34	26	5	2		2												1.25 - 1	44	75	75	13064
≥28	72	34	9	6	9												2.50 - 1	177	328	334	13064
≥22	147	74	39	39	32	3											6.50 - 1	511	1384	1411	13064
≥17	288	132	83	48	89	18	7										10.25 - 1	923	3326	3412	13064
≥11	391	208	134	95	210	83	36	18	9								28.00 - 1	1090	6793	7451	13064
≥7	263	112	107	82	230	125	67	26	68	9							52.00 - 1	794	8183	10032	13064
≥4	176	92	68	43	112	85	81	37	89	27	6						52.00 - 1	633	8236	10893	13064



DAYS DURATION OF EVENTS

49 34.8N 24.1E

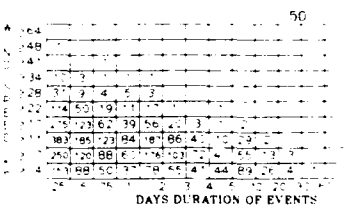


WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13059
≥48																	0.00 - 0				13059
≥41	2																0.25 - 2	2	2	2	13059
≥34	11	3															0.50 - 1	12	13	13	13059
≥28	29	12	2														0.75 - 2	43	59	59	13059
≥22	111	38	22	6	7	1											2.50 - 1	185	328	330	13059
≥17	227	85	50	21	50	5	1										4.00 - 1	439	1004	1024	13059
≥11	452	188	122	63	167	42	15	1	4								7.50 - 1	1060	3329	3492	13059
≥7	385	217	126	90	230	108	49	27	25	2							12.00 - 1	1259	6063	6513	13059
≥4	291	161	63	64	185	93	75	35	58	15	4						22.75 - 1	1040	7618	8379	13059

DAYS DURATION OF EVENTS

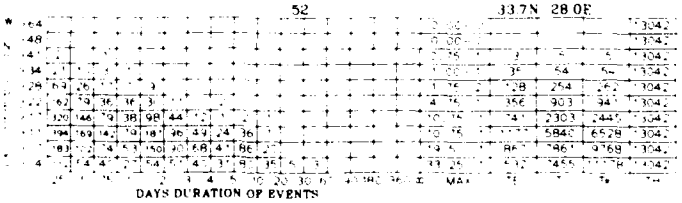
50

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13059
≥48																	0.00 - 0				13059
≥41																	0.25 - 2	2	2	2	13059
≥34	12	3															0.50 - 1	12	13	13	13059
≥28	37	9	4	5	3												0.75 - 2	43	59	59	13059
≥22	114	50	19	11	17												2.50 - 1	185	328	330	13059
≥17	275	123	62	39	56	20	3										4.00 - 1	439	1004	1024	13059
≥11	383	185	123	84	187	86	42	10	29	2							7.50 - 1	1060	3329	3492	13059
≥7	250	120	88	60	176	103	72	41	55	13	3						12.00 - 1	1259	6063	6513	13059
≥4	153	88	50	37	78	55	41	44	89	26	4						22.75 - 1	1040	7618	8379	13059



DAYS DURATION OF EVENTS

52 33.7N 28.0E

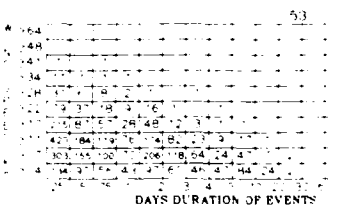


WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13042
≥48																	0.00 - 0				13042
≥41																	0.25 - 1	3	5	5	13042
≥34	17	1															1.00 - 1	35	54	54	13042
≥28	69	26	17	9	3												1.75 - 2	128	254	262	13042
≥22	162	79	36	36	31												4.75 - 1	356	903	941	13042
≥17	320	146	79	38	98	44	12	1	2								10.75 - 1	741	2303	2445	13042
≥11	394	169	142	79	187	96	49	24	36	1							10.75 - 1	1177	5840	6528	13042
≥7	183	102	74	53	150	90	68	41	86	27							19.50 - 1	867	7861	9768	13042
≥4	112	54	47	27	54	57	47	31	87	35	5	3					33.25 - 1	532	7455	11778	13042

DAYS DURATION OF EVENTS

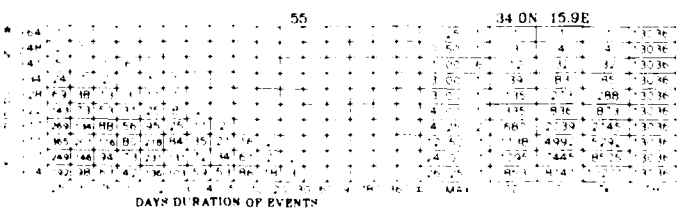
53

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13042
≥48																	0.00 - 0				13042
≥41																	0.25 - 1	3	5	5	13042
≥34	17	1	2														1.00 - 1	35	54	54	13042
≥28	37	6	8	2													1.75 - 2	128	254	262	13042
≥22	79	37	18	9	16	1											4.75 - 1	356	903	941	13042
≥17	215	87	57	28	48	12	3										10.75 - 1	741	2303	2445	13042
≥11	427	184	119	76	114	82	23	9									10.75 - 1	1177	5840	6528	13042
≥7	303	155	100	70	206	118	64	24	47								19.50 - 1	867	7861	9768	13042
≥4	134	97	56	43	97	67	46	41	84	24							33.25 - 1	532	7455	11778	13042



DAYS DURATION OF EVENTS

55 34.0N 15.9E

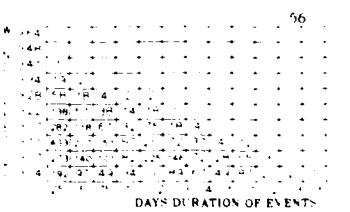


WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.25 - 1		1		13036
≥48																	0.50 - 1	3	4	4	13036
≥41																	1.00 - 6	12	32	32	13036
≥34	24																1.00 - 1	39	83	85	13036
≥28	69	38	13	3	1												3.00 - 1	135	273	288	13036
≥22	143	73	53	31	25	8											4.00 - 1	335	836	873	13036
≥17	269	134	88	56	95	25	11	2									4.25 - 2	687	2039	2145	13036
≥11	365	217	116	80	218	84	35	21	16								10.50 - 1	1138	4992	5292	13036
≥7	249	146	94	73	230	131	74	34	67	27	1						24.00 - 1	1095	7445	8525	13036
≥4	192	98	61	42	136	103	59	53	86	18	3						26.25 - 1	853	8141	10277	13036

DAYS DURATION OF EVENTS

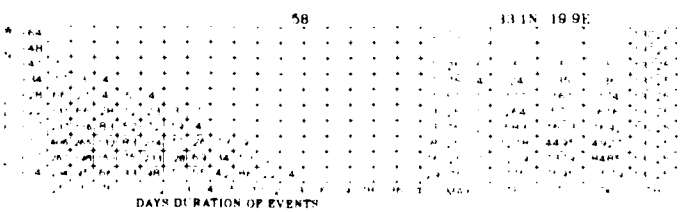
56

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.25 - 1		1		13036
≥48																	0.50 - 1	3	4	4	13036
≥41																	1.00 - 6	12	32	32	13036
≥34	19																1.00 - 1	39	83	85	13036
≥28	58	18	4	2													3.00 - 1	135	273	288	13036
≥22	138	51	38	14	18												4.00 - 1	335	836	873	13036
≥17	282	118	67	52	75	18	4										4.25 - 2	687	2039	2145	13036
≥11	433	217	140	101	172	75	37	4	1								10.50 - 1	1138	4992	5292	13036
≥7	273	140	101	82	225	146	72	27	75	1							24.00 - 1	1095	7445	8525	13036
≥4	192	97	49	34	112	89	61	49	87	2							26.25 - 1	853	8141	10277	13036



DAYS DURATION OF EVENTS

58 33.1N 19.9E



WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13026
≥48																	0.00 - 0				13026
≥41																	0.25 - 1	3	4	4	13026
≥34	17	1	4														1.00 - 1	24	35	36	13026
≥28	66	17	4	5	4												1.75 - 1	64	101	114	13026
≥22	171	66	28	11	11												3.00 - 1	264	501	616	13026
≥17	406	265	132	83	214	61	26	12	2								3.50 - 1	1183	1961	2692	13026
≥11	267	128	57	75	211	128	69	34	11								6.25 - 1	1218	4495	4927	13026
≥7	214	97	66	33	98	71	55	42	86	22	4						12.00 - 1	1179	7379	8485	13026
≥4	127	77	58	31	71	71	51	41	86	22	4						22.00 - 1	1195	7395	8519	13026

DAYS DURATION OF EVENTS

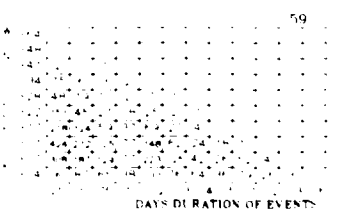
59

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13026
≥48																	0.00 - 0				13026
≥41																	0.25 - 1	3	4	4	13026
≥34	17	1	4														1.00 - 1	24	35	36	13026
≥28	66	17	4	5	4												1.75 - 1	64	101	114	13026
≥22	171	66	28	11	11												3.00 - 1	264	501	616	13026
≥17	406	265	132	83	214	61	26	12	2								3.50 - 1	1183	1961	2692	13026
≥11	267	128	57	75	211	128	69	34	11								6.25 - 1	1218	4495	4927	13026
≥7	214	97	66	33	98	71	55	42	86	22	4						12.00 - 1	1179	7379	8485	13026
≥4	127	77	58	31	71	71	51	41	86	22	4						22.00 - 1	1195	7395	8519	13026

DAYS DURATION OF EVENTS

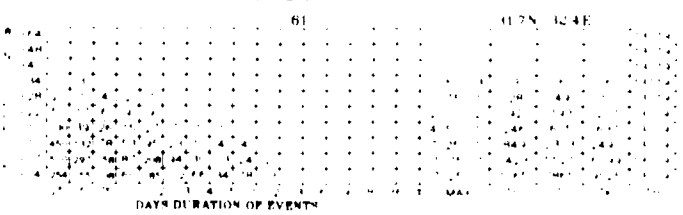
61 31.7N 32.4E

WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13026
≥48																	0.00 - 0				13026
≥41																	0.25 - 1	3	4	4	13026
≥34	17	1	4														1.00 - 1	24	35	36	13026
≥28	66	17	4	5	4												1.75 - 1	64	101	114	13026
≥22	171	66	28	11	11												3.00 - 1	264	501	616	13026
≥17	406	265	132	83	214	61	26	12	2								3.50 - 1	1183	1961	2692	13026
≥11	267	128	57	75	211	128	69	34	11								6.25 - 1	1218	4495	4927	13026
≥7	214	97	66	33	98	71	55	42	86	22	4						12.00 - 1	1179	7379	8485	13026
≥4	127	77	58	31	71	71	51	41	86	22	4						22.00 - 1	1195	7395	8519	13026

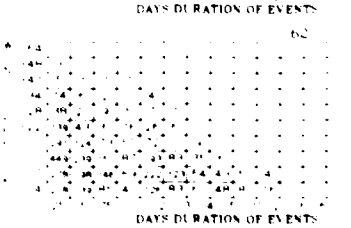


DAYS DURATION OF EVENTS

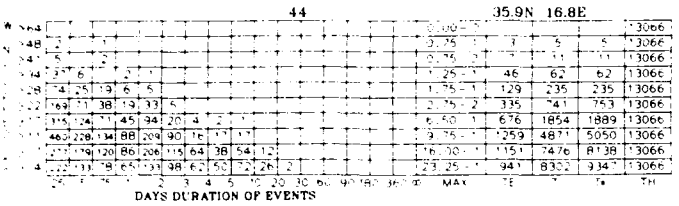
62

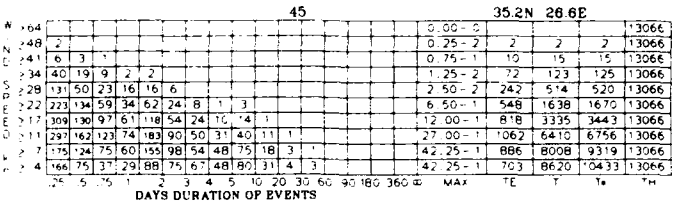


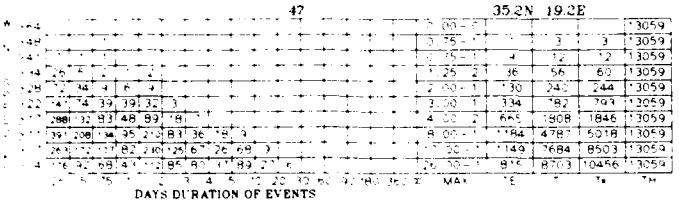
WIND SPEED (KTS)	25	5	75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0				13026
≥48																	0.00 - 0				13026
≥41																	0.25 - 1	3	4	4	13026
≥34	17	1	4														1.00 - 1	24	35	36	13026
≥28	66	17	4	5	4												1.75 - 1	64	101	114	13026
≥22	171	66	28	11	11												3.00 - 1	264	501	616	13026
≥17	406	265	132	83	214	61	26	12	2								3.50 - 1	1183	1961	2692	13026
≥11	267	128	57	75	211	128	69	34	11								6.25 - 1	1218	4495	4927	13026
≥7	214	97	66	33	98	71	55	42	86	22	4						12.00 - 1	1179	7379	8485	13026
≥4	127	77	58	31	71	71	51	41	86	22	4						22.00 - 1	1195	7395	8519	13026

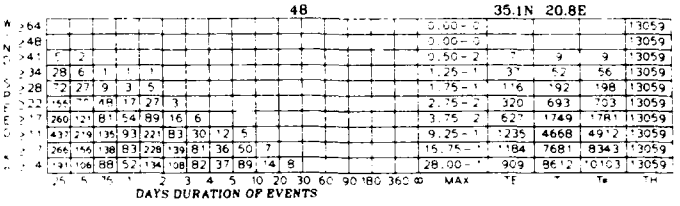


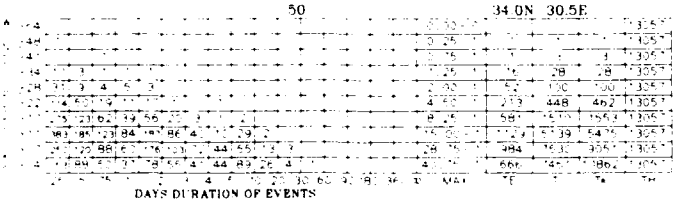
DAYS DURATION OF EVENTS

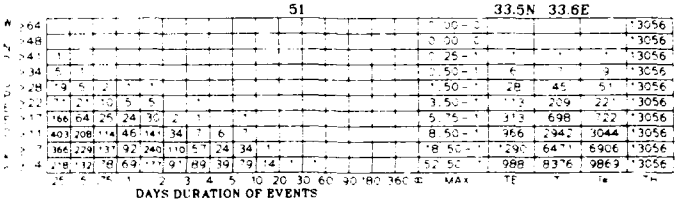

44
35.9N 16.8E
DAYS DURATION OF EVENTS

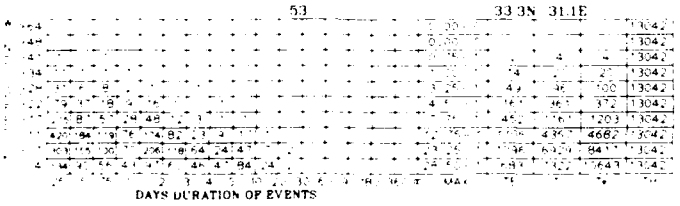

45
35.2N 28.6E
DAYS DURATION OF EVENTS

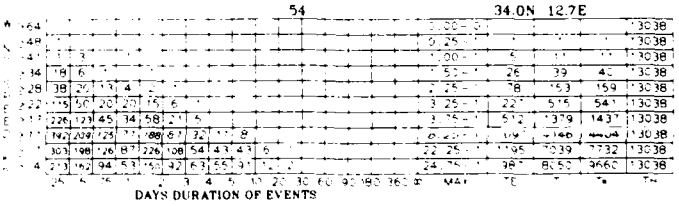

47
35.2N 19.2E
DAYS DURATION OF EVENTS

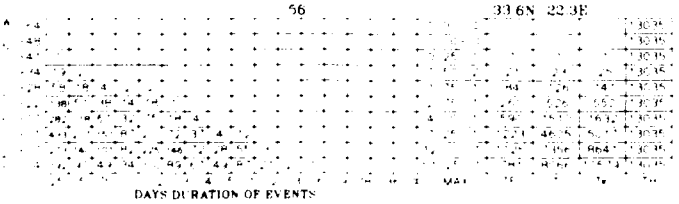

48
35.1N 20.8E
DAYS DURATION OF EVENTS

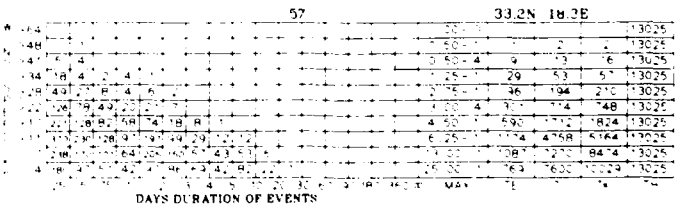

50
34.0N 30.5E
DAYS DURATION OF EVENTS

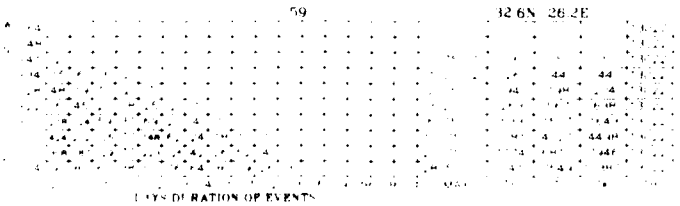

51
33.5N 33.6E
DAYS DURATION OF EVENTS

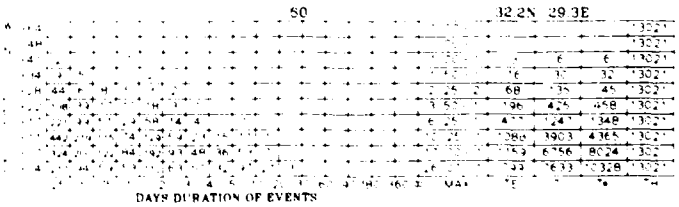

53
33.3N 31.1E
DAYS DURATION OF EVENTS

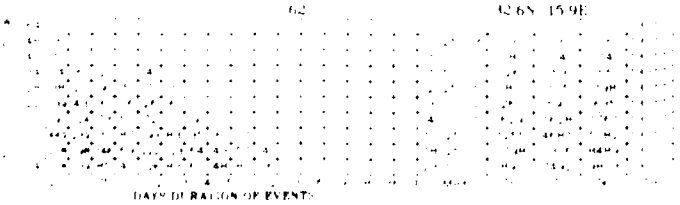

54
34.0N 12.7E
DAYS DURATION OF EVENTS

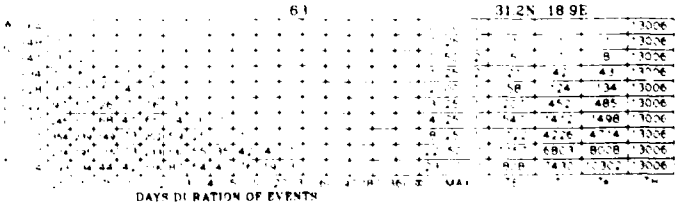

56
33.6N 22.3E
DAYS DURATION OF EVENTS


57
33.2N 18.2E
DAYS DURATION OF EVENTS


59
32.6N 26.2E


60
32.2N 29.3E
DAYS DURATION OF EVENTS


62
32.6N 15.9E


63
31.2N 18.9E
DAYS DURATION OF EVENTS

WINTER

1 — 43.9N 8.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																4	SEA-3	4	1176	3696	3697
≥41	2	1				1				1						6	SEA-2	11	1486	3793	3804
≥34	1					1				1					1	11	SEA-3	15	2150	4326	4358
≥28	1	1		2					2	2	1				1	25	1908-1	35	1941	4435	4523
≥22	10	4	2	3	1	3	3	1	2	2	2	3	4	2		48	1062-1	90	2649	3640	3864
≥17	23	14	10	11	5	6	1	5	5	8	8	8	4		1	61	654-1	170	2996	3322	3817
≥11	81	40	31	27	24	14	21	10	12	10	9	5	4	5	7	34	600-1	334	2343	2544	3684
≥7	138	80	45	34	28	15	12	10	10	10	10	1	1	3	4	10	138-1	411	1572	1660	3625
≥4	149	58	40	20	12	16	[illegible]	4	4	5	4		2	2	2	5	174-1	330	1017	1033	3604

HOURS INTERVAL BETWEEN EVENTS

2 — 43.3N 15.3E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																3	SEA-3	3	1104	3624	3624
≥41																3	SEA-3	3	1104	3624	3624
≥34																4	SEA-3	4	1186	3619	3624
≥28	1															20	SEA-1	21	1976	4428	44[illegible]
≥22	8		1	1		2	1	2		1	1		1	1	2	42	1236-1	63	2619	4132	4287
≥17	10	2	7	3	5	3	5	6	5	3	1	1	2	1	3	54	882-1	111	2934	3545	3874
≥11	41	17	17	17	9	10	13	11	8	7	10	9	7	6	7	51	678-1	240	2595	2889	3693
≥7	70	36	35	35	24	18	14	19	5	21		8	6	9	3	27	354-1	330	2122	2260	3622
≥4	83	59	46	38	29	17	14	8	5	17	6	6	2	6	4	18	354-1	358	1832	1904	3614

HOURS INTERVAL BETWEEN EVENTS

4 — 42.5N 6.3E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																4	SEA-3	4	1189	3623	3624
≥41				1												6	SEA-2	7	1035	3731	3736
≥34	3	2	4	2	1	1				2			1			20	2088-1	36	2218	3971	4012
≥28	17	5	13	4	2	1	1	3	2	2	1	4			3	53	2100-1	111	3026	3773	3939
≥22	37	11	13	9	5	6	9	7	3	1	8	5	5	1	3	52	888-1	175	2773	3287	3704
≥17	64	35	30	17	16	10	11	8	9	9	6		4	10	2	51	852-1	292	2558	2829	3697
≥11	101	63	49	20	26	12	12	12	10	8	7	6	3	1	3	21	564-1	354	1781	1876	3631
≥7	136	61	43	24	14	15	12	4	2	4	2		4	2	3	4	246-1	330	1070	1129	3616
≥4	[illegible]	53	20	9	10	6	3	5		2		1	2		1	3	240-1	227	621	644	3600

HOURS INTERVAL BETWEEN EVENTS

5 — 41.6N 3.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																3	SEA-3	3	1104	3624	3624
≥41																3	SEA-3	3	1104	3781	3783
≥34														1		5	SEA-2	6	1171	3776	3781
≥28	1		1					1		1				1		18	1800-1	23	1949	4083	4122
≥22	6	4	2	4	3		5	1		2	1	1	1	2	1	48	978-1	81	2908	3858	4009
≥17	36	16	14	15	15	8	9	2	2	6	3	8	6	2	3	61	618-1	206	2826	3303	3732
≥11	101	64	41	13	41	16	17	13	11	9	12	4	5	7	4	29	576-1	393	2309	2417	3626
≥7	147	71	59	28	29	19	11	6	5	7	2	3	1	2	3	9	150-1	402	1402	1486	3623
≥4	132	49	35	17	16	13	6	2	4	3		1	1	2		5	144-1	286	837	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

7 — 42.0N 9.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																3	SEA-3	3	1104	3624	3624
≥41	1															5	SEA-2	6	1221	3751	3755
≥34															1	11	SEA-1	14	1487	4096	4119
≥28	2		3	1			1		1		1	1	2	1	1	27	SEA-1	41	2563	4106	4178
≥22	8	8	3	5	2	1	4		1		2	3	2		3	54	930-1	96	2890	3768	3966
≥17	23	12	12	6	7	4	6	3	5	1	13	9	2	2	2	68	474-1	173	2962	3345	3773
≥11	63	45	22	22	21	18	8	10	12	7	8	7	4	1	11	46	348-2	306	2472	2635	3705
≥7	91	62	47	37	22	22	14	14	6	2	4	6	3	2	4	22	228-1	354	1730	1798	3624
≥4	[illegible]	[illegible]	39	29	[illegible]	[illegible]	[illegible]	[illegible]	9	3	3	3	3	1	5	9	192-1	344	1332	1381	[illegible]

HOURS INTERVAL BETWEEN EVENTS

8 — 41.1N 5.5E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48		1														6	SEA-3	7	1271	3620	3624
≥41	2	1		2	1		3	1			1		1		1	12	SEA-1	25	1810	3805	3841
≥34	6		2		1	4	3	1	1	1		1	2		2	30	1884-1	54	2622	3905	[illegible]
≥28	19	6	4	8	5	5	2	3	3	4	3	3	2	2	2	47	1296-1	118	2836	3613	3886
≥22	39	16	10	13	8	12	6	9	7	6	5	4	8	2	2	57	882-1	204	2822	3148	3756
≥17	65	39	28	24	14	15	16	12	7	7	5	1	7	5	5	43	612-1	293	2356	2590	3662
≥11	116	71	45	24	27	10	8	15	3	6	7	6	4	2	2	12	402-1	358	1531	1590	[illegible]
≥7	107	52	26	25	14	6	8	5	3	3	5	2	2	2		5	[illegible]	265	884	898	3635
≥4	88	34	19	15	3	8	7	2	4	1	1	1	1	2		2	[illegible]	188	547	551	[illegible]

HOURS INTERVAL BETWEEN EVENTS

10 — 40.3N 3.8E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																3	SEA-3	3	1104	3624	3624
≥41																3	SEA-3	3	1104	3624	3624
≥34													1			[illegible]	SEA-1	8	919	4137	4145
≥28	[illegible]		[illegible]								[illegible]					23	1302-1	31	1963	4144	4181
≥22	[illegible]	4	4	4	4	3	2	[illegible]	4	2	[illegible]	2		[illegible]	2	53	1296-1	[illegible]	2874	3566	3737
≥17	46	23	[illegible]	[illegible]	13	8	4	[illegible]	6	4	[illegible]		6	2	4	67	732-1	223	2867	3212	3672
≥11	[illegible]	58	[illegible]	[illegible]	20	14	[illegible]	[illegible]	9	[illegible]	4	9	[illegible]	[illegible]	3	35	564-1	394	2197	2283	3610
≥7	[illegible]	[illegible]	48	23	[illegible]	[illegible]	[illegible]	[illegible]	6		[illegible]	2	2			[illegible]	[illegible]	425	1362	1424	3608
≥4	[illegible]	[illegible]	[illegible]	[illegible]	9	[illegible]	9	[illegible]	4		[illegible]					4	[illegible]	294	840	861	[illegible]

HOURS INTERVAL BETWEEN EVENTS

11 — 40.7N 11.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48	1															4	SEA-3	5	1185	3622	3624
≥41														1		6	SEA-3	7	1516	3998	4006
≥34	1										1			1		[illegible]	SEA-2	13	1487	[illegible]	[illegible]
≥28	[illegible]		[illegible]	[illegible]	2				1	[illegible]				[illegible]		[illegible]	SEA-1	28	2045	4233	4294
≥22	2	3	2	5	3	1	1	1			1		1			[illegible]	976-1	83	3047	3754	3926
≥17	25	19	12	14	12	5	8	4		1	9	3	3	3	3	[illegible]	780-1	198	2987	3337	3786
≥11	102	54	34	34	18	18	[illegible]	[illegible]	12	[illegible]	11	8	6	8	5	35	246-1	372	2303	2407	3635
≥7	119	64	39	33	22	15	27	13	4	8	4	3		3	1	14	216-2	364	1509	1557	3629
≥4	[illegible]	45	36	34	18	15	11	5	2	5	2	1	2	1	2	6	204-1	292	1136	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

13 — 40.[illegible]N 24.9E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																[illegible]	SEA-3	2	1104	3624	3624
≥48																3	SEA-3	3	1104	3624	3624
≥41																[illegible]	SEA-1	3	762	3858	3862
≥34																6	SEA-1	9	1342	4110	[illegible]
≥28	[illegible]		[illegible]													21	SEA-1	32	2088	4416	4483
≥22	[illegible]	[illegible]	4		[illegible]	[illegible]			[illegible]						[illegible]	54	858-1	[illegible]	[illegible]	3740	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4		[illegible]	[illegible]	[illegible]		[illegible]			4	68	606-1	154	2669	3168	3678
≥11	[illegible]	29	29	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	2458	[illegible]
≥7	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	6	[illegible]	[illegible]		6	[illegible]	[illegible]	[illegible]	[illegible]	1832	[illegible]
≥4	[illegible]	58	46	[illegible]	29	[illegible]	4		8		4			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1466	[illegible]

HOURS INTERVAL BETWEEN EVENTS

14 — 39.5N 2.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																3	SEA-3	3	1104	3624	3624
≥48																3	SEA-3	3	1104	3624	3624
≥41																3	SEA-3	3	1104	3624	3624
≥34																5	SEA-1	5	782	[illegible]	[illegible]
≥28	2															20	894-1	26	[illegible]	[illegible]	[illegible]
≥22	8	[illegible]	2	3		[illegible]		[illegible]		[illegible]						40	1140-1	64	2597	[illegible]	[illegible]
≥17	21	11	17	[illegible]	[illegible]	[illegible]	6	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2	[illegible]	738-1	[illegible]	[illegible]	[illegible]	[illegible]
≥11	74	49	47	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	[illegible]	8	6	6	44	318-1	329	2454	[illegible]	3624
≥7	[illegible]	87	53	23	21	[illegible]	16	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]		[illegible]	246	409	[illegible]	[illegible]	[illegible]
≥4	[illegible]	78	34	[illegible]	[illegible]	14	8		[illegible]	[illegible]	6	[illegible]		[illegible]	[illegible]	6	[illegible]	345	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

16 — 39.8N 7.4E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																[illegible]	SEA-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥48																4	[illegible]	4	[illegible]	[illegible]	[illegible]
≥41																[illegible]	[illegible]	[illegible]	1664	[illegible]	[illegible]
≥34																[illegible]	[illegible]	[illegible]	[illegible]	4086	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3908
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	418	[illegible]	[illegible]	[illegible]	[illegible]
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

17 — 39.3N 15.2E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																[illegible]	SEA-[illegible]	[illegible]	1104	[illegible]	[illegible]
≥48																[illegible]	SEA-[illegible]	[illegible]	[illegible]	3624	3624
≥41																4	SEA-[illegible]	4	1186	3623	3624
≥34																[illegible]	SEA-[illegible]	[illegible]	[illegible]	3963	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14	[illegible]	[illegible]	[illegible]
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4148	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60	[illegible]	129	[illegible]	[illegible]	[illegible]
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2648	[illegible]	[illegible]
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	444	[illegible]	[illegible]	[illegible]
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

19 — 38.0N 0.7E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																[illegible]	SEA-[illegible]	[illegible]	[illegible]	3624	[illegible]
≥48																[illegible]	SEA-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥41																[illegible]	SEA-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥34																[illegible]	SEA-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	SEA-[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

20 — 38.3N 4.1E

WIND SPEED (kn)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
≥64																[illegible]	SEA-[illegible]	[illegible]	[illegible]	3624	[illegible]
≥48																[illegible]	SEA-[illegible]	[illegible]	[illegible]	3624	[illegible]
≥41																[illegible]	SEA-[illegible]	4	[illegible]	3835	[illegible]
≥34																[illegible]	SEA-[illegible]	[illegible]	[illegible]	4204	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3844	[illegible]
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3593	3824
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3788
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

43.3N 15.3E

	MAX	TE	T	T*	TH
>64	[illegible]	3	1104	3624	3624
>48	[illegible]	3	1104	3624	3624
>41	[illegible]	3	1104	3624	3624
>34	[illegible]	4	1186	3619	3624
>28	[illegible]	[illegible]	[illegible]	4428	[illegible]
>22	[illegible]	63	2619	4132	4287
>17	[illegible]	[illegible]	2934	3545	3874
>11	[illegible]	[illegible]	2595	2889	3693
>7	[illegible]	[illegible]	2122	2260	3622
>4	[illegible]	[illegible]	[illegible]	1904	[illegible]

3 — 42.3N 4.5E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																3	SEA-3	3	1104	3624	3624
>48																5	SEA-3	5	1273	3622	3624
>41	2	1				2					1			1	1	8	SEA-2	17	1463	3656	3674
>34	8	3	6			4	2	1		1	1	1				25	SEA-1	53	2204	3818	3902
>28	20	6	4	[illegible]	5	[illegible]	4	3	1		4	3	1	1	2	41	2130-1	111	2859	3722	3972
>22	38	26	15	6	13	6	5	2	6	5	5	5	3	7	5	50	978-1	197	2668	3228	3764
>17	73	27	26	17	22	14	8	6	9	9	5	7	[illegible]	9	7	39	852-1	285	2403	2665	3658
>11	105	62	36	37	18	16	15	[illegible]	15	6	2	4		3	1	21	564-1	351	1715	1833	3642
>7	107	65	48	29	22	8	8	8	4	3	1	4	1	1		8	186-1	317	1109	1150	3604
>4	89	61	35	20	13	8	1		4		3	2			1	5	156-1	242	734	748	3601

HOURS INTERVAL BETWEEN EVENTS

41.6N 3.7E

	MAX	TE	T	T*	TH
>64	[illegible]	3	1104	3624	3624
>48	[illegible]	3	1104	3624	3624
>41	[illegible]	3	1104	[illegible]	[illegible]
>34	[illegible]	6	[illegible]	[illegible]	[illegible]
>28	[illegible]	[illegible]	1949	4083	[illegible]
>22	[illegible]	[illegible]	2906	3858	[illegible]
>17	[illegible]	[illegible]	2826	3303	[illegible]
>11	[illegible]	[illegible]	2309	[illegible]	3626
>7	[illegible]	[illegible]	[illegible]	1486	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

6 — 41.9N 8.1E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																3	SEA-3	3	1104	3624	3624
>48																4	SEA-3	5	1187	3707	3709
>41								1								6	SEA-1	9	1371	3897	3906
>34	2					4			1							24	1884-1	33	2480	4242	4290
>28	[illegible]	2	2	2	2	5	1	3	2	2	2				2	39	1278-1	74	2713	3829	3961
>22	20	1	7	13	10	3	4	3	1	1	4	3	1	4	3	53	870-1	143	2812	3420	3739
>17	45	11	15	8	13	8	6	8	9	4	7	3	6	2	4	61	462-1	216	2726	3094	3718
>11	96	39	37	30	23	13	6	16	9	11	8	8	2	3	6	33	240-1	340	2057	2254	3624
>7	[illegible]	85	42	28	15	10	11	11	9	6	5	1	2	1	2	11	210-1	354	1336	1433	3617
>4	[illegible]	63	35	[illegible]	5	11	7	4	3	2	4	2	1	1	1	5	126-1	261	792	831	3600

HOURS INTERVAL BETWEEN EVENTS

41.1N 5.5E

	MAX	TE	T	T*	TH
>64	[illegible]	[illegible]	[illegible]	3624	3624
>48	[illegible]	[illegible]	[illegible]	[illegible]	3624
>41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>28	[illegible]	[illegible]	[illegible]	[illegible]	3886
>22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>17	[illegible]	[illegible]	[illegible]	[illegible]	3662
>11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>7	[illegible]	[illegible]	984	998	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

9 — 40.1N 1.2E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																3	SEA-3	3	1104	3624	3624
>48																4	SEA-3	4	1184	3622	3624
>41																5	SEA-2	5	929	3925	3930
>34																9	SEA-1	9	865	4255	4269
>28										2						20	1446-1	29	1662	4020	4061
>22	9	6	4	4	[illegible]			3		2	2					45	618-1	82	2349	4112	4261
>17	45	[illegible]	18	8	[illegible]	[illegible]	[illegible]	3	8	3	2	3	2	[illegible]	2	55	744-1	[illegible]	3030	3497	3921
>11	104	53	41	18	22	16	13	9	6	9	9	9	[illegible]	[illegible]	[illegible]	32	438-1	364	2275	2448	3615
>7	142	69	42	36	[illegible]	[illegible]	12	[illegible]	8	8	10	5	3	2		13	174-1	392	1557	1580	3601
>4	145	[illegible]	42	[illegible]	16	9	[illegible]	4	5	9	3	4	1	1		4	138-1	362	1112	1126	3600

HOURS INTERVAL BETWEEN EVENTS

40.7N 11.7E

	MAX	TE	T	T*	TH
>64	[illegible]	[illegible]	[illegible]	3624	[illegible]
>48	[illegible]	[illegible]	1185	[illegible]	3624
>41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>22	[illegible]	[illegible]	[illegible]	3754	[illegible]
>17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

12 — 40.6N 18.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																3	SEA-3	3	1104	3624	3624
>48																3	SEA-3	3	1104	3618	3624
>41																4	SEA-2	4	939	3719	3731
>34																13	SEA-1	13	1093	4134	4174
>28	[illegible]															24	SEA-1	30	2304	4497	4579
>22	6	4	4	[illegible]			2	[illegible]	[illegible]	4	2	7	3	2		50	864-1	90	2838	3717	3933
>17	[illegible]	12	12	[illegible]	[illegible]	4	5	6	8	3	9	2	3	6	6	60	750-1	183	2861	3240	3730
>11	[illegible]	43	35	24	24	12	15	9	10	[illegible]	[illegible]	6	[illegible]	5	6	34	372-1	324	2211	2435	3632
>7	99	[illegible]	[illegible]	35	26	16	25	[illegible]	6	8	4	6	5	[illegible]	[illegible]	9	234-1	373	1586	1650	3626
>4	[illegible]	[illegible]	34	24	12	14	16	[illegible]	6	4	[illegible]	2		2		1	294-1	291	1022	1072	3625

HOURS INTERVAL BETWEEN EVENTS

39.5N 2.2E

	MAX	TE	T	T*	TH
>64	[illegible]	4	[illegible]	[illegible]	[illegible]
>48	[illegible]	4	[illegible]	[illegible]	[illegible]
>41	[illegible]	4	[illegible]	[illegible]	[illegible]
>34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

15 — 39.8N 5.7E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																3	SEA-3	3	1104	3624	3624
>48																3	SEA-3	4	1111	3623	3624
>41																[illegible]	SEA-3	9	1552	3715	3721
>34																23	SEA-1	[illegible]	2669	4022	4063
>28	4	4	4									2				42	[illegible]	68	2923	3823	3939
>22	[illegible]	[illegible]	5	[illegible]	4	4		7	6	5	4		3	8		60	[illegible]	155	2934	3359	3755
>17	48	[illegible]	19	22	15	16	12	8	6	4	12	1	8	9	1	55	516-1	262	2625	2873	3705
>11	[illegible]	[illegible]	38	30	21	20	[illegible]	12	9	[illegible]	4		5	4	2	16	198-1	377	1699	1738	3610
>7	[illegible]	[illegible]	[illegible]	4	10	14	10		4							[illegible]	174-1	285	997	916	[illegible]
>4	[illegible]	[illegible]		14	[illegible]	[illegible]	6	3									[illegible]	194	485	[illegible]	3600

HOURS INTERVAL BETWEEN EVENTS

39.3N 15.2E

	MAX	TE	T	T*	TH
>64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>48	[illegible]	4	[illegible]	[illegible]	[illegible]
>41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

18 — 39.3N 17.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																[illegible]	SEA-3	3	1104	3624	3624
>48																[illegible]	SEA-3	4	1105	3623	3624
>41																[illegible]	SEA-3	[illegible]	1378	3633	3644
>34																[illegible]	SEA-2	[illegible]	1310	4079	4105
>28	[illegible]	[illegible]	[illegible]													20	SEA-1	45	2238	4267	4363
>22	[illegible]		[illegible]	4												43	882-1	99	2666	3865	4100
>17	[illegible]	[illegible]	[illegible]								6	4	8	[illegible]		[illegible]	624-1	[illegible]	2914	3204	3746
>11	[illegible]	4	38									4		6	8	24	354-1	[illegible]	2092	2306	3621
>7	[illegible]	[illegible]	[illegible]	[illegible]	16	19	6				8					16	[illegible]	339	1527	1572	3611
>4	[illegible]	[illegible]	36	22				4			4						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

38.1N 4.1E

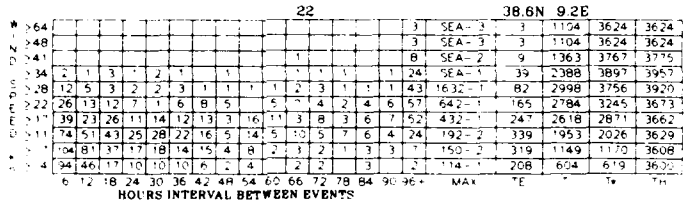
	MAX	TE	T	T*	TH
>64	[illegible]	4	[illegible]	[illegible]	[illegible]
>48	[illegible]	4	[illegible]	[illegible]	[illegible]
>41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

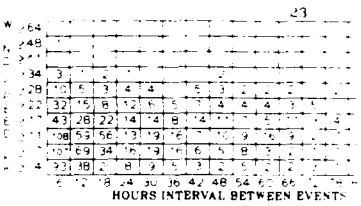
21 — 38.5N 7.5E

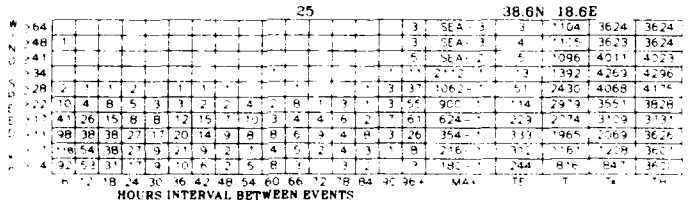
	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																	SEA-[illegible]	[illegible]	1104	3624	3624
>48																[illegible]	SEA-3	[illegible]	1104	3624	3624
>41																[illegible]	SEA-3	[illegible]	1245	3977	3982
>34																24	SEA-1	29	2245	4080	4127
>28		4	4				4								2	41	[illegible]	81	2916	3775	3944
>22	[illegible]		8													[illegible]	684-1	154	2731	3348	3761
>17	48							8				4				[illegible]	468-1	254	2573	2776	3643
>11	[illegible]	[illegible]	[illegible]												4	23	192-1	[illegible]	1759	1785	3626
>7	29	[illegible]	[illegible]	22	14				6							[illegible]	180-1	[illegible]	909	915	3605
>4	68	36	24	[illegible]	[illegible]	6		4	2								144-1	[illegible]	474	475	3600

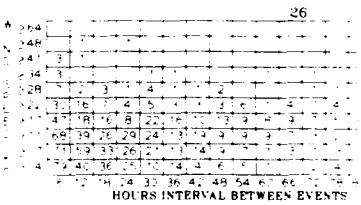
HOURS INTERVAL BETWEEN EVENTS

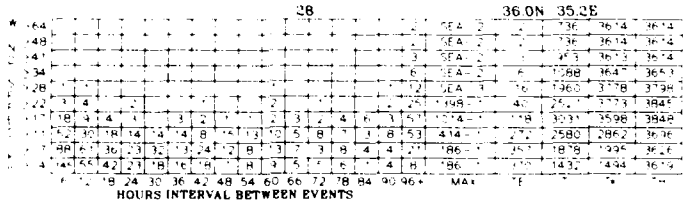
WIND SPEED INTERVALS (Cont'd)

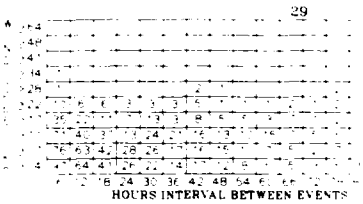


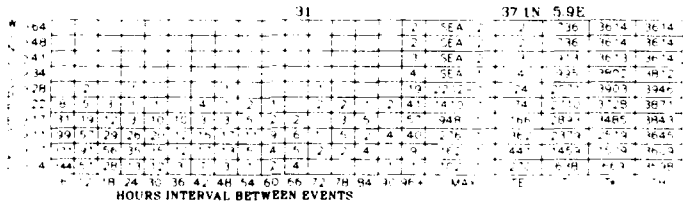


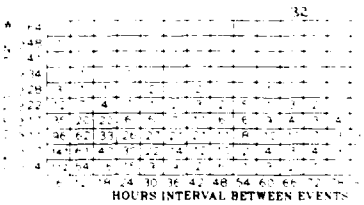


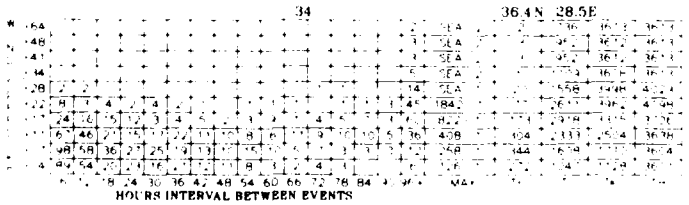


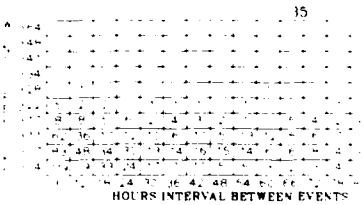


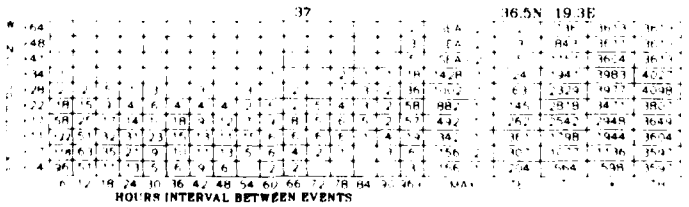


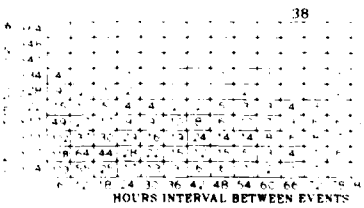


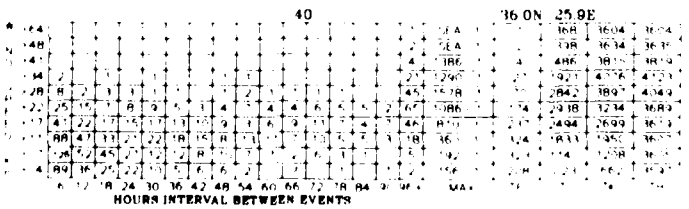


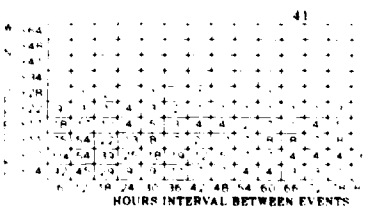




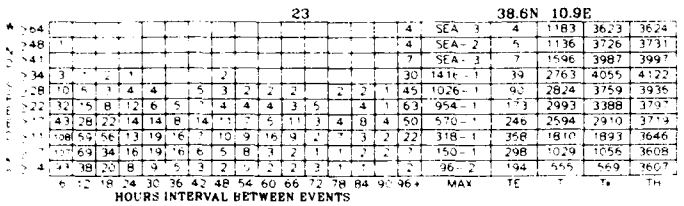


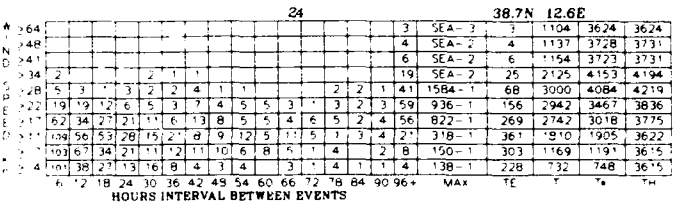


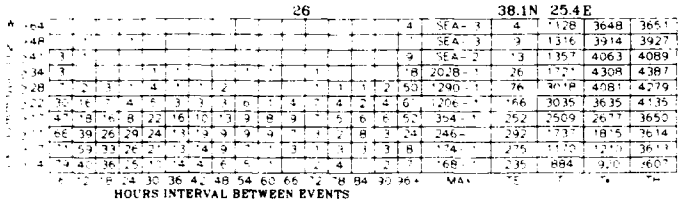


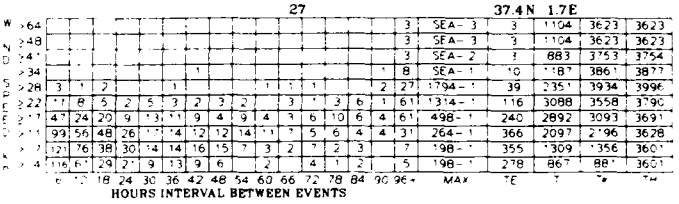


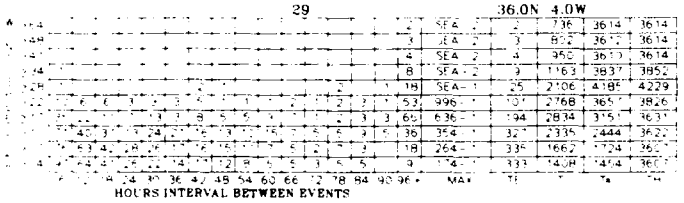
WINTER

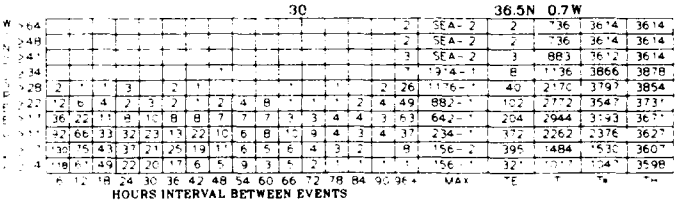

23
38.6N 10.9E
HOURS INTERVAL BETWEEN EVENTS

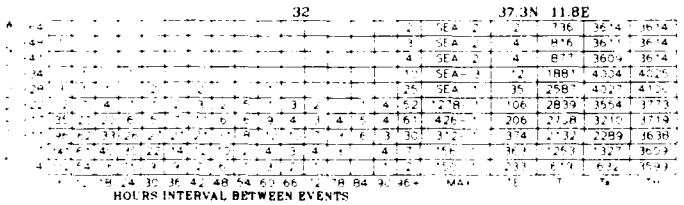

24
38.7N 12.6E
HOURS INTERVAL BETWEEN EVENTS

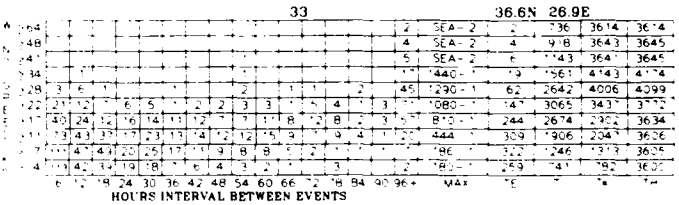

26
38.1N 25.4E
HOURS INTERVAL BETWEEN EVENTS

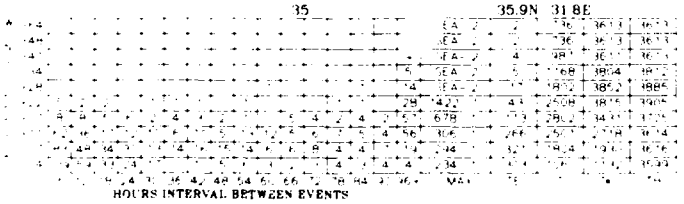

27
37.4N 1.7E
HOURS INTERVAL BETWEEN EVENTS

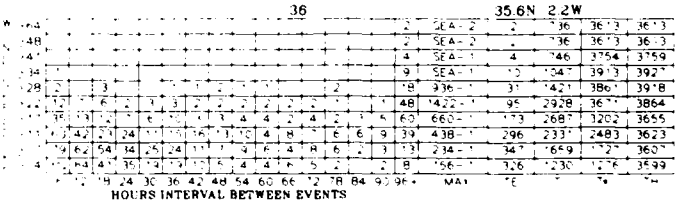

29
36.0N 4.0W
HOURS INTERVAL BETWEEN EVENTS

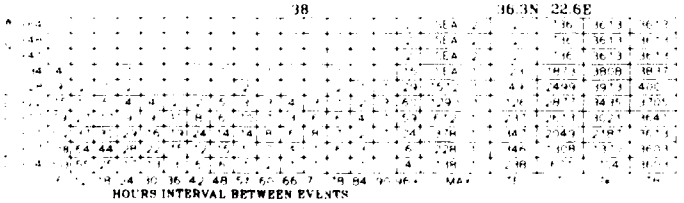

30
36.5N 0.7W
HOURS INTERVAL BETWEEN EVENTS

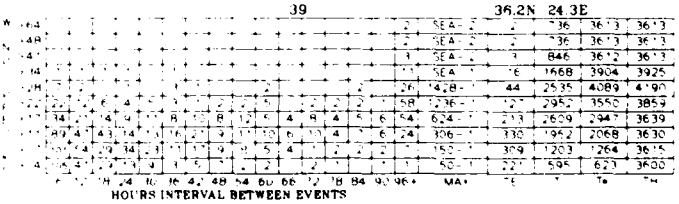

32
37.3N 11.8E
HOURS INTERVAL BETWEEN EVENTS

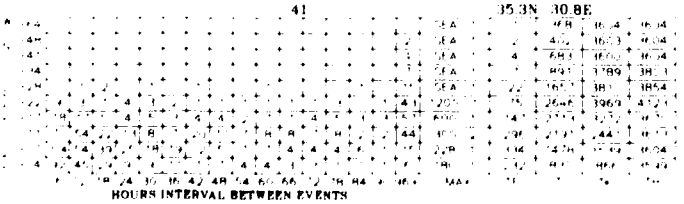

33
36.6N 26.9E
HOURS INTERVAL BETWEEN EVENTS

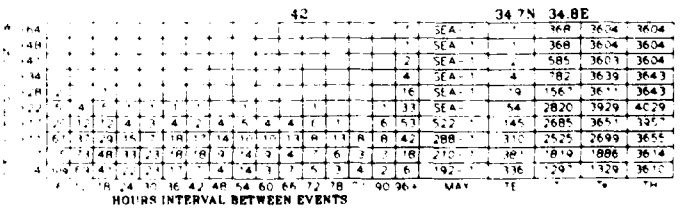

35
35.9N 31.8E
HOURS INTERVAL BETWEEN EVENTS


36
35.6N 2.2W
HOURS INTERVAL BETWEEN EVENTS


38
36.3N 22.6E
HOURS INTERVAL BETWEEN EVENTS


39
36.2N 24.3E
HOURS INTERVAL BETWEEN EVENTS


41
35.3N 30.8E
HOURS INTERVAL BETWEEN EVENTS


42
34.7N 34.8E
HOURS INTERVAL BETWEEN EVENTS

43 — 36.0N 13.5E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																1	SEA-1	1	368	3604	3604
≥48																3	SEA-1	3	556	3600	3604
≥41																3	SEA-1	3	556	3902	3911
≥34	1				1							1				20	1356-1	23	1689	3879	3914
≥28	6		1		1		1	1		2				2		40	1200-1	54	2547	3632	3740
≥22	10	8	4	6	5	5	1	5	2	3	4	3	2		2	55	1716-1	115	2721	3394	3688
≥17	38	20	19	15	15	12	8	5	7	6	4	7	5	4	2	55	636-1	222	2596	2985	3667
≥11	92	40	46	33	19	15	15	14	12	7	5	7	8	6	6	19	204-1	344	1861	2007	3616
≥7	127	71	35	27	20	17	8	7	7	2	2	1	1	3	1	3	138-1	332	1043	1089	3604
≥4	96	43	18	13	9	6	3	4	3	2			1			1	138-1	199	505	528	3596

HOURS INTERVAL BETWEEN EVENTS

44 — 35.9N 16.8E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																1	SEA-1	1	368	3604	3604
≥48																3	SEA-1	3	555	3600	3604
≥41								1								3	SEA-1	4	563	3598	3604
≥34	5	1		1	2					1	1	1		1	1	15	SEA-1	29	1837	4014	4058
≥28	8	4	3	2	3		1	1	2	1	1	1	1	1	1	35	1722-1	65	2443	3873	4014
≥22	25	14	9	5	8	8	1	3	2	2	2	1	5	3	4	58	852-1	150	2774	3347	3720
≥17	56	25	22	11	12	14	9	5	6	7	15	7	7		3	55	606-1	254	2523	2832	3651
≥11	136	59	43	33	25	13	11	15	12	3	8	2	5	4	1	18	324-1	388	1769	1880	3650
≥7	117	59	34	29	16	10	6	10	4	2	1		1	1		7	204-1	297	980	1019	3601
≥4	81	43	19	15	10	5	7	4	2	1	1			1		4	144-1	193	584	608	3597

HOURS INTERVAL BETWEEN EVENTS

46 — 35.0N 28.3E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																1	SEA-1	1	368	3602	3602
≥48																1	SEA-1	1	368	3602	3602
≥41																4	SEA-1	4	681	3596	3602
≥34	3		1				1						1			12	1854-1	18	1331	3970	4000
≥28	7	7	1	1	6	1	1	1		1			2	1		37	1194-1	70	2226	3846	3981
≥22	27	17	10	10	8	7	2	1	7	6	3	5	6	3	2	54	1092-1	170	2772	3294	3728
≥17	42	30	24	16	17	10	3	8	9	11	8	9	9	3	6	44	744-1	249	2499	2732	3645
≥11	95	46	39	32	12	21	14	12	8	7	7	3	3	3	5	14	426-1	321	1627	1737	3601
≥7	99	57	35	8	17	14	12	6	5	1	1	2	1			6	300-1	268	968	1002	3596
≥4	87	44	31	10	11	8	6	5	1	3		2	3	1		2	162-1	206	643	662	3596

HOURS INTERVAL BETWEEN EVENTS

47 — 35.2N 19.2E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3593	3593
≥48																				3590	3593
≥41													1			2	228-1	3	77	3847	3855
≥34	3			1				1		1		1			1	10	2106-1	18	1353	3866	3908
≥28	4	4		2	1	3			4	2		2	1		1	38	1008-1	64	2340	3698	3846
≥22	20	15	11	6	5	5	7	5	6	3	6	7	3	4	2	58	618-1	163	2578	3253	3694
≥17	51	28	16	23	14	16	13	11	8	12	3	4	4	7	4	50	504-1	264	2374	2766	3652
≥11	88	61	36	29	25	15	16	9	7	9	5	5	8	5	3	13	252-1	334	1642	1783	3605
≥7	94	63	40	27	16	9	5	2	3	4	3	1	2		1	5	210-1	275	912	957	3596
≥4	81	38	13	13	6	2	2	3	2	1	1					3	56-1	165	434	441	3594

HOURS INTERVAL BETWEEN EVENTS

49 — 34.8N 24.1E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3593	3593
≥48																				3593	3593
≥41																1	1866-1	1	311	3592	3593
≥34	1												1			4	1458-1	6	780	3622	3632
≥28	2	1	1						1				1			16	1350-1	22	1498	3675	3714
≥22	8	5	3	1		3	3		1	4	1		2	1	1	45	894-1	78	2650	3643	3805
≥17	30	22	21	4	4	4	8	6	7	4	5	2	3	3	5	62	492-1	193	2757	3166	3663
≥11	86	46	31	24	19	26	4	14	9	13	10	8	4	6	7	30	270-1	337	2102	2248	3623
≥7	117	61	31	23	16	17	13	9	8	6	3	1	2	2	2	12	234-1	324	1339	1395	3601
≥4	90	45	22	23	10	9	4	4	5	2		1	4	1		8	186-1	228	824	858	3599

HOURS INTERVAL BETWEEN EVENTS

50 — 34.0N 30.5E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3592	3592
≥48																				3591	3592
≥41																				3589	3592
≥34								1								5	1296-1	6	339	3652	[illegible]
≥28					1										2	20	1800-1	23	1368	3652	[illegible]
≥22	10	9	6	4	4	2	1	3		2		3	4	3	2	44	744-1	97	2437	3559	3786
≥17	42	21	11	3	12	6	4	4	5	6	5	3	8	4	3	60	528-1	197	2640	3102	3676
≥11	79	46	27	23	24	13	9	10	7	9	6	2	6	14	5	30	390-1	310	2030	2178	3618
≥7	115	62	28	24	26	15	14	8	2	6	7	1	2		2	6	192-1	320	1189	1254	3594
≥4	90	51	26	15	8	7	1	3	1	2		1	1	1	1	5	168-1	213	634	647	3594

HOURS INTERVAL BETWEEN EVENTS

52 — 33.7N 28.0E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3581	3581
≥48																				3582	3582
≥41																1	254-1	1	34	3583	3587
≥34	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]			[illegible]		[illegible]	[illegible]	7	834-1	11	545	3675	3705
≥28	3	4	4		4	1	1	1						1	1	32	756-1	62	1874	3835	3980
≥22	27	15	10	1	5	1	6	3	3	4	3	2	8	1	1	58	738-1	156	2524	3255	3704
≥17	52	31	20	22	17	7	6	5	8	6	13	4	10	3	4	47	360-1	255	2290	2697	3656
≥11	[illegible]	40	35	22	16	19	15	13	13	9	1	6	3	4	2	13	276-1	325	1554	1638	3592
≥7	92	53	35	16	14	7	1	8	3	5	5	1	2	2		3	126-1	261	844	879	3588
≥4	76	27	24	11	8	5	5	3	3	1	1		2	1			84-1	163	485	502	3587

HOURS INTERVAL BETWEEN EVENTS

53 — 33.3N 31.1E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3587	3587
≥48																				3587	3587
≥41																				3584	3587
≥34																2	[illegible]	2	64	3662	3673
≥28	1	2													2	11	432-1	16	490	3926	3980
≥22	9	3	3	1	1	2		2	2	6	1		2	2	4	43	712-1	81	2242	3519	3724
≥17	27	26	10	5	4	5	9	2	8	4	4	1	11	2		54	516-1	174	2380	3121	3654
≥11	68	42	30	17	23	16	7	7	8	10	6	3	6	10	6	34	312-1	293	2003	2236	3613
≥7	124	57	35	20	18	26	19	9	6	3	5	6	2		1	7	150-1	338	1277	1369	3598
≥4	102	35	25	13	10	11	3	2	3	3	1	1	1	2	1	2	144-1	219	653	677	3589

HOURS INTERVAL TWEEN EVENTS

55 — 34.0N 15.9E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3584	3585
≥48																				3581	3585
≥41																3	1332-1	4	319	3567	3592
≥34	1															14	1326-1	16	755	3685	3741
≥28	13	4	1	1		2		2	2				2	1	1	34	834-1	63	1848	3566	3744
≥22	15	10	6	1	4	8	4	2	5	6	6	3	3	1		51	1056-1	133	2379	3247	3686
≥17	38	27	22	12	15	14	1	1	3	9	7	7	1	3	1	55	468-1	235	2251	2724	3646
≥11	100	56	43	26	27	21	13	1	6	7	3	4		2	4	15	287-1	345	1611	1775	3600
≥7	101	56	44	25	19	11	8	7	4	2	2		2	1		2	120-1	284	872	944	3586
≥4	68	43	10	14	1	2	1	4	2							2	120-1	181	497	526	3586

HOURS INTERVAL BETWEEN EVENTS

56 — 33.6N 22.3E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3585	3585
≥48																				3585	3585
≥41																				3584	3585
≥34		1											1			2	234-1	5	121	3577	3592
≥28	5	3			1		2	1	1			1	2	1		27	774-1	44	[illegible]	[illegible]	[illegible]
≥22	18	12	9	1	4	5	5		2	4	2	2	1	3	4	47	732-1	126	2393	3424	3741
≥17	58	29	21	13	15	9	11	10	6	1	1	5	10	5	5	43	396-1	254	2276	2732	3627
≥11	102	53	35	17	22	23	12	10	9	1	3	8	4	1	2	18	252-1	328	1639	1822	3595
≥7	99	70	27	19	15	18	4	6	6	6	1				1	1	276-1	281	962	1016	3589
≥4	91	44	15	12	4	5		2	2	1			1		1	1	198-1	182	472	447	3588

HOURS INTERVAL BETWLEN EVENTS

58 — 33.1N 19.9E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3581	3581
≥48																				3581	3581
≥41																	18		1	3584	3588
≥34	[illegible]															1	180	[illegible]	92	3600	3627
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24	636	4	218	[illegible]	[illegible]
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	636	38	2314	[illegible]	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48	456	243	2221	[illegible]	[illegible]
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	228	348	[illegible]	[illegible]	[illegible]
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	216	[illegible]	885	[illegible]	3583
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	144	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

59 — 32.6N 26.2E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3580	[illegible]
≥48																				3580	[illegible]
≥41																	180	2	33	[illegible]	[illegible]
≥34	2															[illegible]	276	9	209	3608	[illegible]
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	48	582	[illegible]	[illegible]	3333	[illegible]
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	384	[illegible]	[illegible]	[illegible]	3648
≥11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

61 — 31.7N 32.4E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3580	3580
≥48																				3580	3580
≥41																				3580	3580
≥34																				3580	3580
≥28																[illegible]	[illegible]	[illegible]	[illegible]	3634	3659
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15	546	43	1587	3498	3627
≥17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55	510	[illegible]	2483	[illegible]	3666
≥11	[illegible]	34	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42	294	[illegible]	[illegible]	[illegible]	[illegible]
≥7	[illegible]	66	44	[illegible]	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	358	[illegible]	[illegible]	[illegible]
≥4	[illegible]	[illegible]	28	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	865	[illegible]

HOURS INTERVAL BETWEEN EVENTS

62 — 32.6N 15.9E

Wind speed	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3578	3578
≥48																				3575	3578
≥41																			41	3571	3581
≥34																	684	[illegible]	389	3689	3738
≥28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6	666	[illegible]	819	3552	3685
≥22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	672	95	1961	3362	3700
≥17	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56	462	210	2255	2865	3632
≥11	[illegible]	58	31	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	258	326	1687	1904	3614
≥7	[illegible]	[illegible]	44	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	276	[illegible]	[illegible]	1085	3594
≥4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	126	[illegible]	641	681	3581

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

35.9N 16.8E

45 35.2N 26.8E

HOURS INTERVAL BETWEEN EVENTS

35.2N 19.2E

48 35.1N 20.8E

HOURS INTERVAL BETWEEN EVENTS

34.0N 30.5E

51 33.5N 33.6E

HOURS INTERVAL BETWEEN EVENTS

33.3N 31.1E

54 34.0N 12.7E

HOURS INTERVAL BETWEEN EVENTS

33.6N 22.3E

57 33.2N 18.3E

HOURS INTERVAL BETWEEN EVENTS

32.6N 26.2E

60 32.2N 29.3E

HOURS INTERVAL BETWEEN EVENTS

32.6N 15.9E

63 31.2N 18.9E

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

1 — 43.9N 8.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3060	3060
≥48																				3060	3060
≥41																				3085	3087
≥34																2	756-1	2	151	3083	3087
≥28																4	756-1	4	242	3080	3090
≥22	3	3	1	1				1			3		1			17	1620-1	30	1326	3296	3342
≥17	6	9	5	2	3	1	3	2	1	2	3	2	1	2	1	42	594-1	85	2090	3063	3220
≥11	37	33	19	10	11	5	7	9	6	5	5	2	3	3	5	49	444-1	209	2048	2495	3091
≥7	97	59	39	26	24	16	9	6	12	6	7	5	8	2		18	264-1	334	1605	1774	3047
≥4	111	53	32	28	17	10	3	8	3	6	4	5	2	1	1	10	258-1	294	1113	1253	3047

HOURS INTERVAL BETWEEN EVENTS

2

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28		1												
≥22	2	1												
≥17	5	2			1	3	1							
≥11	27	15	10	3	6	3	6	3	1	3	3	2	2	2
≥7	31	25	27	12	10	12	13	16	10	6	11	6	5	4
≥4	53	31	25	11	13	20	15	15	9	9	6	4	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

4 — 42.5N 6.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	MAX	TE	T	T•	TH
≥64																				3060	3060
≥48																1	390-1	1	65	3084	3087
≥41																2	792-1	2	197	3083	3087
≥34	1	1						1								11	1080-1	14	946	3137	3158
≥28	5	4	4		1			1	1			1			1	25	666-1	43	1391	3045	3130
≥22	22	19	4	7	1	3	1	1	2	2	3		4		5	39	576-1	113	1716	2846	3101
≥17	46	23	9	6	14	6	5	4	5	11	7	2	3	5	[illegible]	36	570-1	188	1898	2525	3071
≥11	79	42	24	23	20	14	15	7	10	11	6	8	5	1	7	17	282-1	289	1625	1870	3046
≥7	115	66	34	17	11	14	14	7	6	5	3	3	2	4	2	6	198-1	309	1121	[illegible]	3035
≥4	89	50	18	25	6	6	13	4	3	2	3	3		2	2	3	198-1	229	775	849	3036

HOURS INTERVAL BETWEEN EVENTS

5

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	3		2	1		2	1							
≥17	9	9	5		2	3		3		5				
≥11	86	48	34	18	15	9	13	8			9	12	4	
≥7	146	78	41	30	14	19	[illegible]	[illegible]	6	6	4			
≥4	124	58	42	24	9	12	6	4	4	4	4			

HOURS INTERVAL BETWEEN EVENTS

7 — 42.0N 9.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3060	3060
≥48																				3060	3060
≥41																1	588-1	1	98	3059	3060
≥34																2	714-1	2	217	3055	3060
≥28	2								1	1					1	4	714-1	9	317	3305	3323
≥22	1							1		1	1		1			17	1824-1	22	1204	3340	3396
≥17	5	3	4	1	1	2	2	1	1	2	3	1	4		2	36	1362-1	68	1979	3188	3332
≥11	28	22	14	5	6	8	12	5	9	3	3	6	5	6	5	47	552-1	184	2163	2584	3067
≥7	73	30	30	24	24	9	19	15	5	9	11	7	3	5	4	27	288-1	295	1910	2081	3052
≥4	108	55	40	36	22	14	12	10	5	10	8	7	2	4	5	9	288-1	347	1562	1707	3051

HOURS INTERVAL BETWEEN EVENTS

8

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34	2	4												
≥28	10	5	2	2		2								
≥22	13	9	9						2					
≥17	41	23	15	10	[illegible]	[illegible]	10	[illegible]	6	5		6	3	5
≥11	98	43	22	24	[illegible]	14				9				
≥7	102	57	27	28	15	8	[illegible]	13			6	5	4	
≥4	95	39	25	18	10	5		4	4	5	2			

HOURS INTERVAL BETWEEN EVENTS

10 — 40.3N 3.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3060	3060
≥48																				3060	3060
≥41																				3060	3062
≥34																				3060	3060
≥28																3	786-	4	227	3080	3087
≥22	1												1	1		18	SEA-1	25	1196	3324	3363
≥17	8	8	11	3	5	3	1	1	3	1	2	1	4	3	1	39	696-1	94	1652	3024	3193
≥11	84	54	38	13	11	17	18	10	2	7	7	5	8	5	7	34	342-1	320	2133	[illegible]	3056
≥7	133	67	54	21	20	14	16	11	8	5	7	6	2	5	4	10	228-1	381	1500	1595	3045
≥4	127	69	44	25	13	12	14	3	8	1	4	4	3			5	114-1	334	1067	[illegible]	3025

HOURS INTERVAL BETWEEN EVENTS

11

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22	2	1	2											
≥17	15	4	4	5	3			4	2	2	3	2	4	
≥11	54	26	18	15	8	[illegible]	[illegible]	[illegible]			8	2		
≥7	92	63	36	26	18	19	[illegible]	[illegible]	8			5		
≥4	99	61	34	19	2	13	[illegible]		5		9	2	5	4

HOURS INTERVAL BETWEEN EVENTS

13 — 40.1N 24.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3060	3062
≥48																				3060	3060
≥41																				3060	3060
≥34																				3060	3060
≥28																				3086	3087
≥22																9	[illegible]	[illegible]	953	3440	3458
≥17	6	5	3	2	2		4	3	1	2	1	2	1		2	34	132-1	74	1985	3247	3362
≥11	45	4	22	13	3	9	9	12	6	9	5	1	2	3	4	50	450-1	234	2268	2652	3153
≥7	69	54	41	28	18	18	17	8	12	5	5	6	5	1	1	22	372-1	319	1891	[illegible]	[illegible]
≥4	[illegible]	62	44	12	23	[illegible]	[illegible]	6	14	5	3	3	4			[illegible]	[illegible]	336	1564	1676	[illegible]

HOURS INTERVAL BETWEEN EVENTS

14

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22														
≥17	8		8	5										
≥11	42	40	21	8	[illegible]	[illegible]	6	5	6	4				
≥7	[illegible]	57	51	26	12	19	14						3	4
≥4	16	69	48	23	[illegible]	[illegible]	[illegible]	8	3	[illegible]				

HOURS INTERVAL BETWEEN EVENTS

16 — 39.8N 7.4E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3062	3065
≥48																1	582-1		91	3059	3060
≥41																2	582-1	3	152	3057	3061
≥34	3		1													7	708-	[illegible]	447	3055	3068
≥28			2		2		2									19	SEA-1	30	1263	3260	3318
≥22	3	4	3		3	2	2	1	2	2				4	1	41	636-1	[illegible]	1780	3049	3242
≥17	23	12	9	7	4	9	4	8	2	2	2	7	1	4	4	44	678-1	142	2021	2666	3094
≥11	76	43	33	20	23	14	14	8	6	10	7	6	5	9	4	24	276-1	102	1780	1945	3041
≥7	120	67	43	30	14	19	9	8	7	6	2	1	4	1		5	144-1	133	1132	1162	3019
≥4	101	52	32	10	8	10	7	7	5	5	2					2	126-	24	[illegible]	126	[illegible]

HOURS INTERVAL BETWEEN EVENTS

17

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22														
≥17	4	4	5											
≥11	26	26	14	4				4		4				
≥7	16	44	32	[illegible]										4
≥4	[illegible]	[illegible]	[illegible]											

HOURS INTERVAL BETWEEN EVENTS

19 — 38.0N 0.7E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T•	TH
≥64																				3060	3060
≥48																				3060	3060
≥41																				3060	3060
≥34																6	1452-1	6	571	3051	3065
≥28	1		1													12	1176-1	14	1035	3018	3046
≥22	2	2	1	1		1	1	1					1		3	27	194-1	40	1664	3066	3159
≥17	12	9	9	11	1	6	2	1	4	5	6	3	6	1	2	47	564-1	123	2314	2879	3142
≥11	63	39	41	16	18	13	12	10	9	14	3	1	6	6	4	30	246-1	290	1974	2188	3035
≥7	120	75	44	25	23	21	13	4	4	6	6	2	4	2	2	9	144-1	361	1345	1406	3026
≥4	119	47	18	17	14	20	8	4	1	6	1	2	3	1	1	4	[illegible]	286	911	956	3023

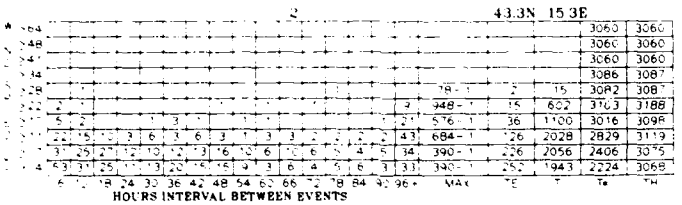
HOURS INTERVAL BETWEEN EVENTS

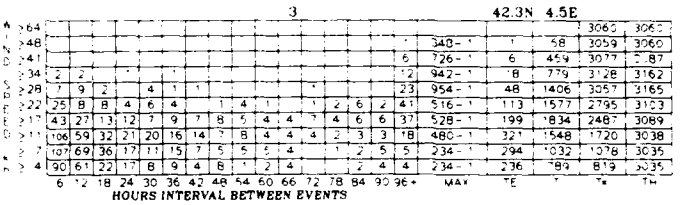
20

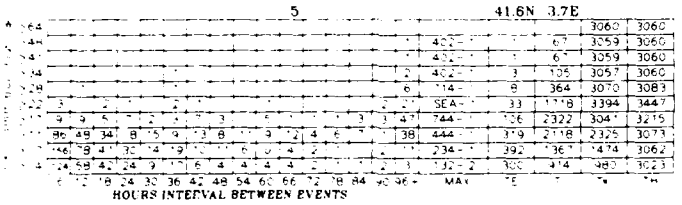
WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
≥64														
≥48														
≥41														
≥34														
≥28														
≥22														
≥17	13	8	8	6				8						
≥11	31	39	27	18	16	18								4
≥7	26	65	48	25	19	14	16			4	4			
≥4	24	62	26	[illegible]		4								

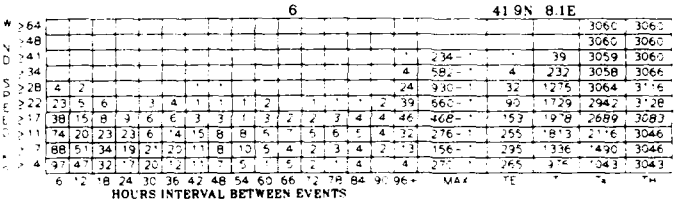
HOURS INTERVAL BETWEEN EVENTS

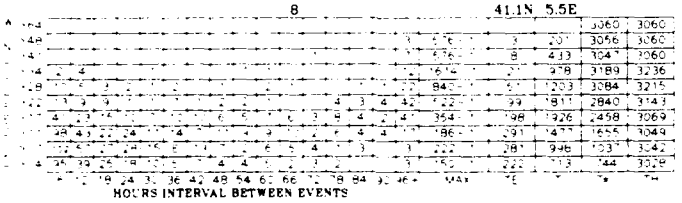
SPRING

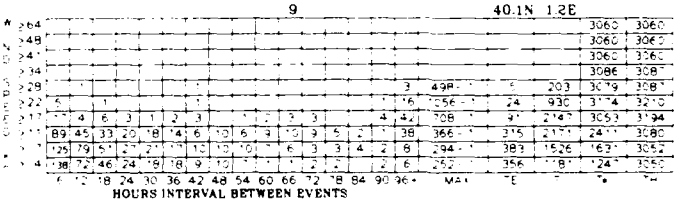

2
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS

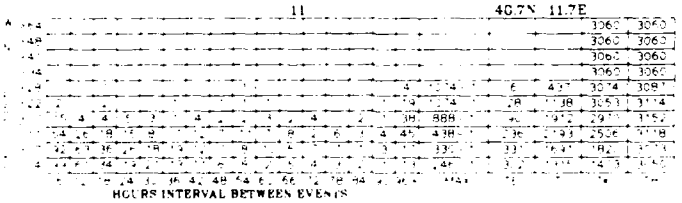

3
42.3N 4.5E
HOURS INTERVAL BETWEEN EVENTS

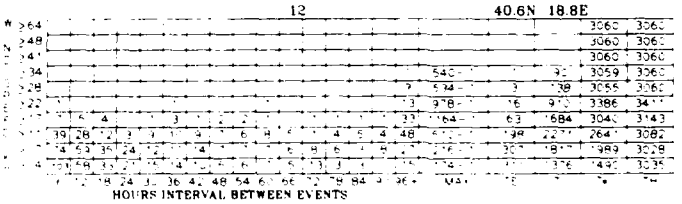

5
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

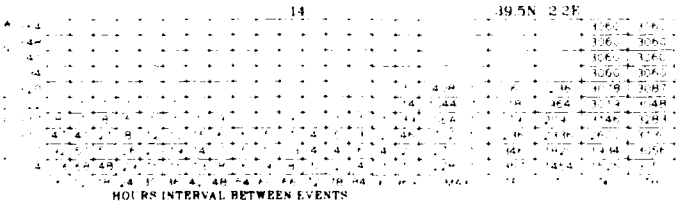

6
41.9N 8.1E
HOURS INTERVAL BETWEEN EVENTS

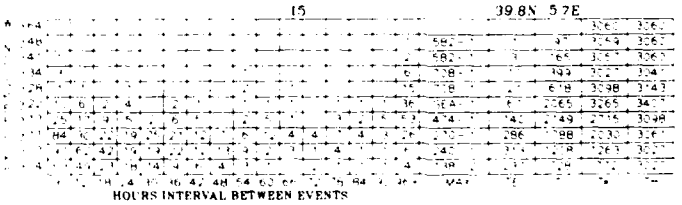

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

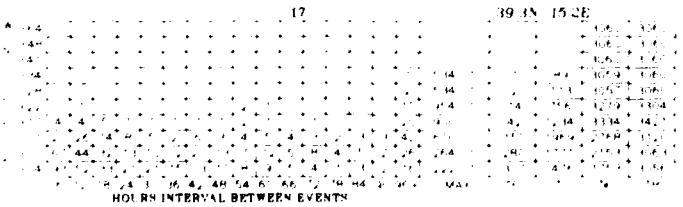

9
40.1N 1.2E
HOURS INTERVAL BETWEEN EVENTS

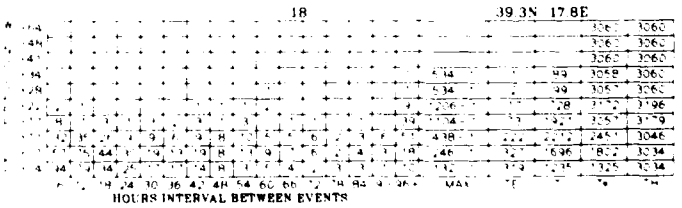

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

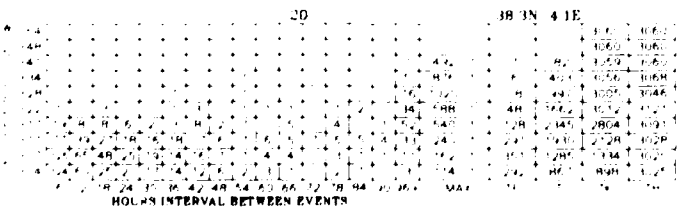

12
40.6N 18.8E
HOURS INTERVAL BETWEEN EVENTS

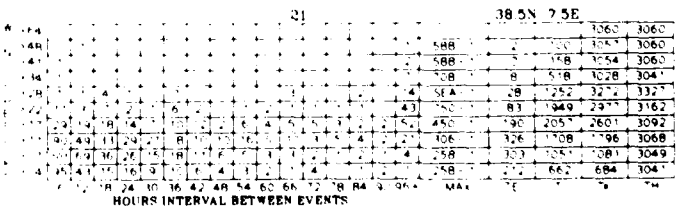

14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


15
39.8N 5.7E
HOURS INTERVAL BETWEEN EVENTS


17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


18
39.3N 17.8E
HOURS INTERVAL BETWEEN EVENTS

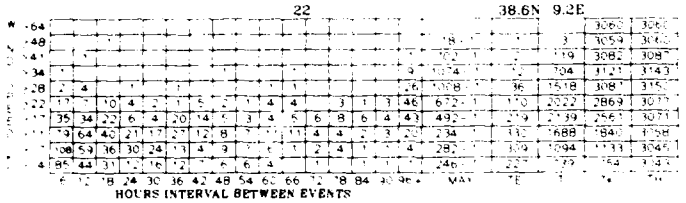

20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS


21
38.5N 7.5E
HOURS INTERVAL BETWEEN EVENTS

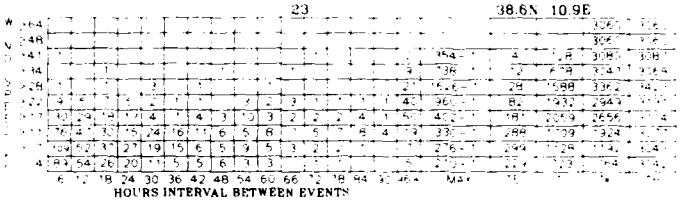
SPRING

WIND SPEE

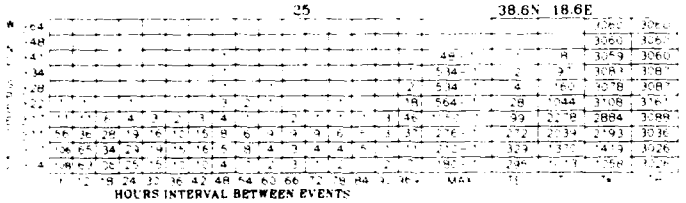
22 38.6N 9.2E



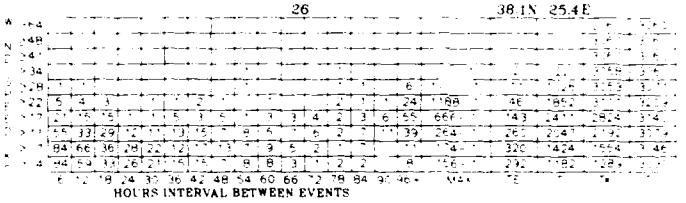
23 38.6N 10.9E



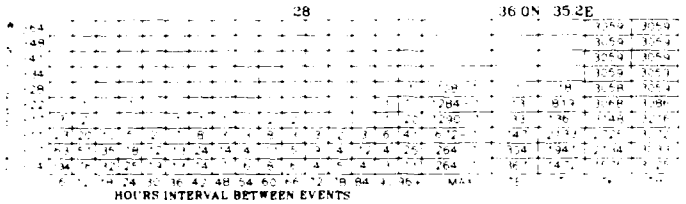
25 38.6N 18.6E



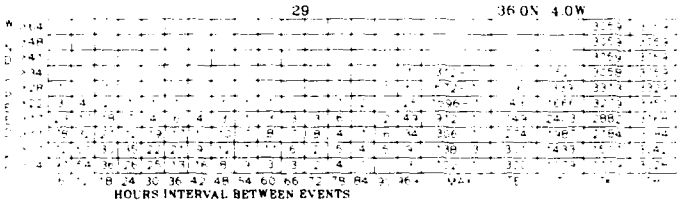
26 38.1N 25.4E



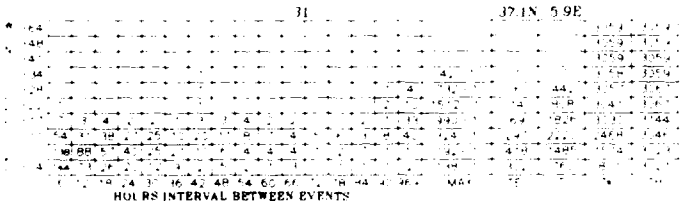
28 36.0N 35.2E



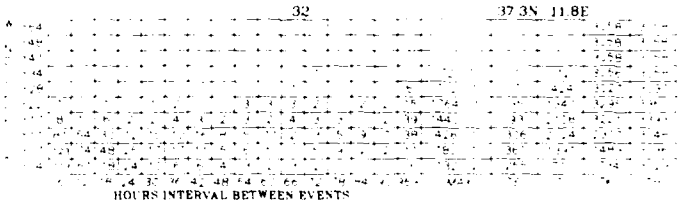
29 36.0N 4.0W



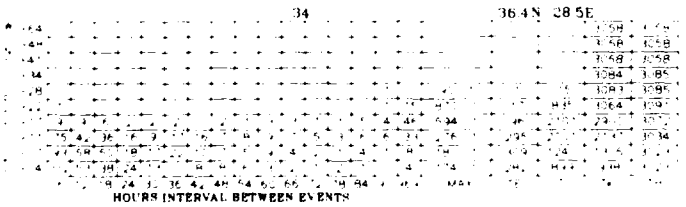
31 37.1N 5.9E



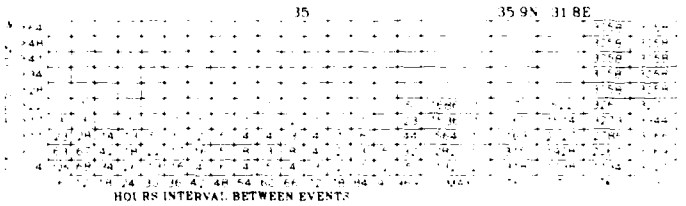
32 37.3N 11.8E



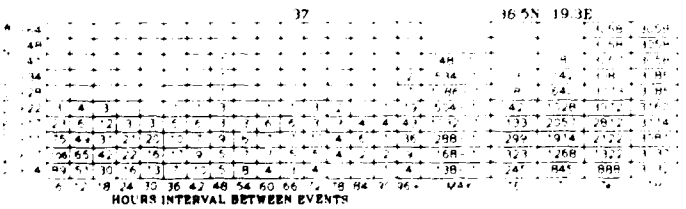
34 36.4N 28.5E



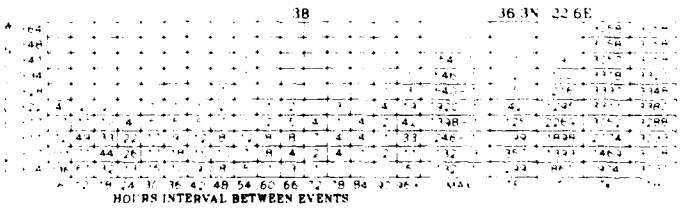
35 35.9N 31.8E



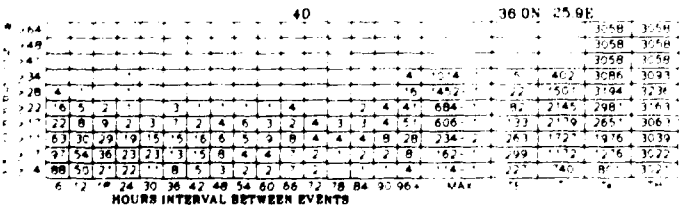
37 36.5N 19.3E



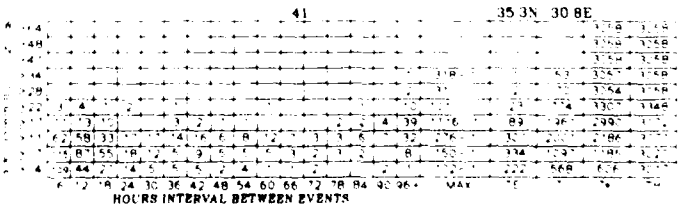
38 36.3N 22.6E



40 36.0N 25.9E



41 35.3N 30.8E



WIND SPEED iNTERVALS (Cont'd)

38.6N 10.9E

	MAX	TE	T	T*	TH
>64				3060	3060
>48				3060	3060
>41	[illegible]	4	128	3080	3087
>34	[illegible]	12	678	3041	3068
>28	[illegible]	28	1588	3362	3423
>22	[illegible]	82	1932	2949	[illegible]
>17	[illegible]	181	[illegible]	2656	[illegible]
>11	[illegible]	288	1729	1924	[illegible]
>7	[illegible]	299	1128	1192	3043
>4	[illegible]	[illegible]	[illegible]	764	3042

24 — 38.7N 12.6E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3060	3060
>48																				3060	3060
>41																				3086	3087
>34											1	1				2	738-1	4	190	3078	3087
>28				1	1						2	1				9	1068-1	14	728	3109	3143
>22	1	2	3	3	2			3	1	2	2	1	1	1	1	23	1362-1	46	1370	3431	3531
>17	18	15	16	5	5	6	3	5	4		2	2	1	3	2	40	1074-1	127	2017	2924	3218
>11	65	40	31	21	5	11	10	10	5	10	3	5	5	9	3	33	300-1	266	1877	2210	3070
>7	82	66	34	29	20	10	12	5	5	7	6	4	4	3	4	12	246-1	303	1359	1485	3035
>4	89	47	26	29	14	4	6	4	5	5	6	3	3	3	2	5	240-1	250	965	1051	3029

HOURS INTERVAL BETWEEN EVENTS

38.1N 25.4E

	MAX	TE	T	T*	TH
>64				3060	3060
>48				3060	3060
>41				3060	3060
>34	[illegible]	2	22	3058	3060
>28	[illegible]	[illegible]	1026	3053	[illegible]
>22	[illegible]	46	1852	[illegible]	3209
>17	[illegible]	143	[illegible]	2824	3140
>11	264-1	[illegible]	2047	2192	3079
>7	[illegible]	320	1424	1554	3046
>4	[illegible]	192	1182	1289	3030

27 — 37.4N 1.7E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3060	3060
>48																				3060	3060
>41																2	1452-1	2	388	3062	3065
>34		1					1									7	1014-1	9	641	3046	3065
>28	3		1				1									19	732-1	24	1177	3090	3145
>22	5	3	3	3	1	6	3	4	3	3	3	1	3	2	1	49	570-1	93	2235	2969	3159
>17	38	23	12	8	3	12	7	5	10	10	6	3	6	6	4	53	342-1	206	2292	2578	3039
>11	[illegible]	61	29	16	20	24	13	12	7	10	7	8	4	4	1	19	198-2	342	1681	1801	3019
>7	101	78	39	26	14	16	8	7	9	6	2	4	1	3		4	132-1	318	1098	1130	3019
>4	100	66	25	13	12	12	6	3	4	5				2		2	108-1	251	717	735	3019

HOURS INTERVAL BETWEEN EVENTS

36.0N 4.0W

	MAX	TE	T	T*	TH
>64				3059	3059
>48				3059	3059
>41				3059	3059
>34			[illegible]	3058	3059
>28			339	[illegible]	3329
>22	[illegible]	[illegible]	1666	3279	[illegible]
>17	[illegible]	[illegible]	2403	2882	3168
>11	[illegible]	[illegible]	[illegible]	2184	3064
>7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

30 — 36.5N 0.7W

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3059	3059
>48																1	876-1	1	146	3058	3059
>41																1	876-1	1	146	3057	3059
>34																3	1170-1	3	387	3317	3322
>29		1			1	1		1				1			1	12	1398-1	18	1086	3301	3327
>22	11	6	6		1	1	3	2		2	1	2	2	3		38	714-1	78	1965	3032	3175
>17	37	14	13	8	7	8	3	4	9	4	5	3	11	6	2	52	648-1	186	2410	2726	3152
>11	90	42	26	21	22	19	24	16	12	7	8	6	5	4	2	24	216-1	328	1843	1930	3067
>7	106	68	31	28	34	10	18	3	4	9	1	3		5	1	5	120-1	326	1172	1193	3029
>4	97	59	39	19	17	4	5	4	1	4	1	2		3	1	2	120-1	249	744	760	3021

HOURS INTERVAL BETWEEN EVENTS

37.3N 11.8E

	MAX	TE	T	T*	TH
>64				3058	3058
>48				3058	3058
>41				3058	3058
>34			[illegible]	3056	3058
>28			[illegible]	[illegible]	[illegible]
>22		[illegible]	1341	[illegible]	[illegible]
>17	[illegible]	93	[illegible]	3221	3393
>11	[illegible]	[illegible]	2124	[illegible]	3048
>7	[illegible]	[illegible]	[illegible]	1483	3036
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

33 — 36.6N 26.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3058	3058
>49																				3058	3058
>41																				3058	3058
>34																2	774-1	2	176	3062	3064
>28	4	2													1	14	912-1	21	912	3137	3176
>22	8	8	1	2		1	2		3	2	1		2	1	1	36	954-1	68	1951	2904	3080
>17	40	12	15	9	3	9	6	2	5	5	5	3	4	7	6	47	546-1	178	2191	2559	3044
>11	60	47	28	19	13	21	10	12	7	7	8	5	5	7	5	22	228-1	276	1673	1814	3025
>7	86	53	31	23	13	21	6	11	7	5	2	4	3		1	9	138-1	277	1103	1157	3023
>4	100	47	35	17	14	11	5	9	6	4	3	4			2	1	108-1	252	821	857	3023

HOURS INTERVAL BETWEEN EVENTS

35.9N 31.8E

	MAX	TE	T	T*	TH
>64				3058	3058
>48				3058	3058
>41				3058	3058
>34				3058	3058
>28				3058	3058
>22	[illegible]	[illegible]	[illegible]	3261	[illegible]
>17	[illegible]	[illegible]	[illegible]	[illegible]	3344
>11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
>7	[illegible]	[illegible]	1928	[illegible]	[illegible]
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

36 — 35.6N 2.2W

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3058	3058
>48																				3058	3058
>41																				3058	3058
>34	1																			3320	3321
>28	1															8	1590-1	9	744	3251	3267
>22	4	3	2		1	2		1					2		1	24	1590-1	41	1539	3216	3294
>17	14	15	9	6	1	6	3	2	1	1	4	3	1	4	1	45	828-1	116	2166	2979	3223
>11	79	53	36	11	16	22	16	12	11	11	7	7	6	7	5	27	540-1	324	2077	2226	3091
>7	100	74	48	31	24	17	19	11	6	5		3	2	6	1	8	186-1	355	1395	1439	3047
>4	106	63	33	24	13	11	10	15	2	3	1	1	1	4	1	2	114-1	290	939	965	3028

HOURS INTERVAL BETWEEN EVENTS

36.3N 22.6E

	MAX	TE	T	T*	TH
>64				3058	3058
>48				3058	3059
>41	[illegible]		[illegible]	3057	3058
>34	[illegible]	[illegible]	[illegible]	3318	3321
>28	[illegible]	[illegible]	216	3337	3348
>22	[illegible]	42	1295	[illegible]	3380
>17	[illegible]	125	2263	3052	3288
>11	246	299	1898	2174	3033
>7	[illegible]	357	1393	1469	3038
>4	[illegible]	299	[illegible]	904	3031

39 — 36.2N 24.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3058	3058
>48																				3058	3058
>41																				3058	3058
>34									1								54-1	1	9	3057	3058
>28									1							3	1578-1	4	434	3260	3267
>22	3		1	1					2	2	2				2	12	1578-1	25	1122	3296	3342
>17	16	13	3	3	1	2	6	3	1	2	4		5	2	2	43	762-1	106	2075	2984	3211
>11	50	32	21	13	7	12	10	4	6	3	6	3	4	6	6	42	408-1	225	2015	2283	3063
>7	85	57	32	18	15	9	13	9	3	12	4	4	2	3	3	21	240-1	290	1491	1601	3043
>4	98	66	30	12	13	7	4	10	3	5	4	2	2	1	3	6	168-1	266	932	1007	3030

HOURS INTERVAL BETWEEN EVENTS

35.3N 30.8E

	MAX	TE	T	T*	TH
>64				3058	3058
>48				3058	3058
>41				3058	3058
>34	[illegible]		53	3057	3058
>28	[illegible]	2	[illegible]	3054	3058
>22	[illegible]	23	174	3307	3348
>17	[illegible]	89	1961	2990	[illegible]
>11	[illegible]	[illegible]	2001	2186	[illegible]
>7	[illegible]	334	1697	1185	3020
>4	[illegible]	222	568	636	[illegible]

42 — 34.7N 34.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	T*	TH
>64																				3058	3058
>48																				3058	3058
>41																				3058	3058
>34																				3058	3058
>28		1														3	324-1	4	93	3079	3085
>22			1				1			1	1					13	780-1	17	886	3235	3266
>17	7	10	13	4	3	1	3	2	1	2	5	2		2	2	33	834-1	90	1920	2926	3082
>11	43	53	34	12	8	11	15	6	10	2	9	2	2	4	10	40	630-1	261	2200	2427	3028
>7	85	81	41	21	23	15	15	5	8	4	4	2	5	11	6	17	240-1	343	1675	1795	3019
>4	92	73	31	22	15	11	10	4	2	3	8	5	6	5	3	11	198-1	301	1297	1388	3019

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

43 36.0N 13.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3057	3057
>48																				3057	3057
>41																				3057	3057
>34												1				4	750-1	5	238	3312	3320
>28	2	2		1						1	1		1			11	738-1	19	690	3455	3497
>22	7	2	3			1	2	1		2	1	2	2	2	4	28	1710-1	57	1772	3267	3400
>17	25	15	10	2	2	8	5	3	7	4	2	6	5	4	2	48	570-1	148	2071	2811	3180
>11	83	36	25	15	13	12	12	8	9	6	7	4	1	5	3	34	312-1	273	1804	2095	3102
>7	110	49	33	21	19	19	14	1		4	9	1	1	6	3	10	234-1	300	1231	1315	3060
>4	114	46	20	18	10	8	3		4	5	2	2	2	1	2	3	120-1	240	715	761	3035

HOURS INTERVAL BETWEEN EVENTS

44

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22	4	3	3	5				2	4					
>17	28	16	6	9	9	7	5			6	8	2		
>11	86	62	34	23	10	12	6				14	8		
>7	108	66	40	27	18	14	5	6		5	4	2		
>4	111	50	28	17	15		5		3	4		4		

HOURS INTERVAL BETWEEN EVENTS

46 35.0N 28.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3057	3057
>48																				3057	3057
>41																				3057	3057
>34														1	2		762-1	3	194	3077	3084
>28	3	2	1											1	16		1770-1	24	992	3125	3169
>22	11	4	4	2		3		1	1	1	1		1	2	3	36	876-1	70	1666	2878	3075
>17	38	31	20	5	6	11	8	5	6	7	5	4	4	7	1	43	570-1	207	2060	2400	3035
>11	95	70	38	22	17	22	7	10	8	6	4	6	2	1	1	9	162-1	318	1285	1356	3020
>7	77	59	20	12	13	9	10	7	1	7	2	1		1		3	120-1	217	678	707	3018
>4	75	43	21	5	11	4	8	4		3		1				2	102-1	177	486	510	3018

HOURS INTERVAL BETWEEN EVENTS

47

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22		4					2	3		2		2	3	
>17	19	15	8	6	5	6	5	5	5		6	6	5	5
>11	65	44	30	23	17	16	9	12	12	8	5	6	3	6
>7	91	68	36	24	17	15	5	8	5	6	2	5		
>4	79	69	18	15	15	8	3	5	5	5		5		

HOURS INTERVAL BETWEEN EVENTS

49 34.8N 24.1E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3055	3055
>48																				3055	3055
>41																				3055	3055
>34																				3055	3055
>28																3	576-1	3	269	3313	3318
>22	2	1	2	1						1		1		1	4	9	1476-1	23	905	3193	3240
>17	9	5	5	1	3	1	2	3	3	1	3	2	2	1	6	35	930-1	82	1810	2972	3133
>11	51	34	15	17	12	11	13	13	5	13	5	1	4	3	5	40	516-1	242	2146	2405	3077
>7	75	60	41	32	18	17	7	7	7	1	9	3	6	1	2	20	174-1	308	1530	1666	3028
>4	98	54	32	22	13	14	7	7	5		1	3	3	6	3	6	138-1	280	1085	1165	3026

HOURS INTERVAL BETWEEN EVENTS

50

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22	4	2					2							
>17	27	10	7	6	3	4	7	2	1	1	6	3	2	4
>11	86	55	29	21	18	18	14	3	5	9		6	5	4
>7	106	52	34	14	21	8	4	5	3	1		2		
>4	85	33	16	8	1	5	2	3	3	1				

HOURS INTERVAL BETWEEN EVENTS

52 33.7N 28.0E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3052	3052
>48																				3052	3052
>41																				3052	3052
>34																				3052	3052
>28																8	786-1	8	422	3096	3114
>22	4	1		3		1	2			1	1	1	2	1	2	24	954-1	49	1386	3052	3166
>17	18	22	11	4	9	6	6	4	2	6	1	3	2	3	3	48	468-1	146	2000	2674	3054
>11	85	53	36	25	15	18	11	11	6	8	8	6	3	3	6	11	216-1	305	1464	1665	3017
>7	106	50	35	15	13	8	9	7	5	1		2	1	2	4		114-1	258	798	833	3013
>4	72	32	20	7	8	4		1	1	1	1	1	2		2		90-2	159	443	465	3012

HOURS INTERVAL BETWEEN EVENTS

53

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22	1	1						2						
>17	17	5	5	4		1	3		3	2	4		2	3
>11	82	39	20	22	25	10	6	10	11	6	8	4	6	4
>7	111	52	34	23	13	13	9	6	4					
>4	84	35	22	4	6	4	1	2	2					2

HOURS INTERVAL BETWEEN EVENTS

55 34.0N 15.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3032	3032
>48																				3032	3032
>41																1	144-1	1	24	3028	3032
>34													1			3	564-1	4	170	3091	3107
>28	3		3			1		1	1				1			15	588-1	25	667	3187	3244
>22	12	8	1	4	2	5	4	2	2	4	4	2	5		3	37	672-1	95	1731	3023	3260
>17	28	30	15	8	11	9	7	8	5	6	8	8	4	3	3	42	600-1	195	2018	2510	3108
>11	77	44	36	20	15	18	11	15	9	9	6	5	3	1	3	15	276-1	287	1509	1686	3053
>7	93	52	40	25	15	13	9	4	2	7	2	4	3	1	1	4	144-2	275	933	1005	3020
>4	80	59	33	14	10	5	4	3	1	2	1	2	2	1	1	4	144-1	221	667	682	3016

HOURS INTERVAL BETWEEN EVENTS

56

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22	5	2	3	1		3			2					
>17	19	10	4	6	1	4	4	4	1	5	2	2	2	4
>11	70	33	28	23	21	15	15	10	2	2	2	3	3	5
>7	100	55	33	17	29	11	10	5	5	3	6	4	3	5
>4	111	37	24	16	11	5	6	3	3					

HOURS INTERVAL BETWEEN EVENTS

58 33.1N 19.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3007	3007
>48																				3007	3007
>41																				3007	3007
>34																				3039	3042
>28	1		2							1						5	594-1	9	333	3023	3042
>22	8	1	2	2		2	1	1		3	2			3	1	26	882-1	52	1230	2975	3092
>17	23	15	5	4	4	7	7	3	8	2	6	3	6	4	6	33	420-1	136	1594	2745	3131
>11	73	45	24	13	18	20	11	5	9	12	5	5	7	7	2	25	294-1	287	1760	1906	3057
>7	105	73	42	26	15	11	6	5	6	4	4		3	1		5	132-2	306	993	1040	3016
>4	104	40	18	12	8	7	7	2	2		1	1				1	120-1	203	494	525	3016

HOURS INTERVAL BETWEEN EVENTS

59

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28														
>22	5	2		1	2	1				1	2	2		5
>17	19	10	8	4	3	4	4	4	3	2	2	5		2
>11	67	32	21	16	18	17	11	8	1	2	5	9	3	2
>7	91	54	39	31	14	11	13		4	3	4		6	3
>4	104	44	11	13	12	9	3	3	2	4	4	2		

HOURS INTERVAL BETWEEN EVENTS

61 31.7N 32.4E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3006	3006
>48																				3006	3006
>41																				3006	3006
>34																				3006	3006
>28																				3006	3006
>22	1							1			1					5	498-1	8	236	2994	3006
>17	5	2	2	1	1	1				2		1		1	1	22	516-1	39	963	2983	3067
>11	43	22	22	10	11	12	7	9	7	7	3	4	4	5	5	38	390-1	209	2034	2582	3056
>7	113	80	43	21	23	19	14	9	7	2	8	6	4	2	2	12	246-1	365	1545	1702	3021
>4	127	79	28	19	18	8	4	3	5		2	1	2	2	1	2	102-1	301	816	892	3006

HOURS INTERVAL BETWEEN EVENTS

62

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84
>64														
>48														
>41														
>34														
>28	1													
>22	8	3	2		2	2	4	3	1	2	6	2		
>17	41	24	17	8	16	6	11	6	7	7	7	2	2	3
>11	124	58	40	22	13	14	14	16	10	1	4	10	2	2
>7	115	65	38	22	9	14	1	5	5	3	4	1		
>4	80	42	36	10	7	7	5	1		1	3		1	2

HOURS INTERVAL BETWEEN EVENTS

44 — 35.9N 16.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3057	3057
>48																				3057	3057
>41																				3057	3057
>34																1	534-1	1	39	3079	3084
>28										1	1	1	2		1	6	726-1	15	549	3126	3159
>22	4	1	3	5	1	1	2	4	1		2	1	1	1		33	1020-1	62	1496	3022	3159
>17	26	15	6	9	9	7	5	1	6	8	2	1	3	4	2	40	834-1	147	1939	2830	3210
>11	96	62	34	23	10	12	6	11	1	14	8	3	6	1		28	324-1	311	1776	1961	3091
>7	108	66	40	27	18	14	5	6	1	5	4	2	3	2	3	1	234-1	311	1132	1230	3054
>4	[illegible]	50	28	11	15	1	5	1	3	4	2	4	1	2	1	4	156-1	255	797	887	3030

HOURS INTERVAL BETWEEN EVENTS

45 — 35.2N 26.6E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3057	3057
>48																				3057	3057
>41																				3057	3057
>34	1															4	1464-1	5	420	3155	3165
>28	3	1						1							1	19	1440-1	25	1492	3155	3213
>22	14	6	2	1		1	3		1	1	1	2	1	1	2	37	786-1	73	1643	2898	3087
>17	30	12	10	5	3	10	5	2	3	5	4	2	4	4	7	46	426-1	152	2020	2572	3043
>11	75	48	26	27	24	21	13	6	6	7	6	2	6	3	6	18	222-2	294	1581	1777	3028
>7	96	52	44	23	14	12	4	9	5	4	3	3	2		1	4	156-1	276	950	1042	3019
>4	89	47	31	16	9	10	3	4	5	3	2	2				4	138-1	225	695	753	3019

HOURS INTERVAL BETWEEN EVENTS

47 — 35.2N 19.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3055	3055
>48																				3055	3055
>41																				3317	3318
>34								1								1	534-1	3	98	3313	3318
>28			1					1	1	1						9	570-1	13	494	3314	3345
>22		4	1		1	1	2	3	1	2	1	2	3	2	2	23	378-1	50	969	3305	3420
>17	[illegible]	16	8	9	5	6	5	5	5	1	6	6	5	5	6	41	768-1	145	1948	2750	3109
>11	55	41	30	31	17	16	9	12	10	8	5	6	3	5	6	25	366-1	281	1844	1966	3071
>7	71	68	36	24	17	15	5	8	5	6	2	5	1	1	2	8	156-1	294	1104	1135	3030
>4	74	69	18	15	15	8	5	5	2	5		5	2		1		90-1	229	698	723	3030

HOURS INTERVAL BETWEEN EVENTS

48 — 35.1N 20.8E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3055	3055
>48																				3055	3055
>41																				3317	3318
>34								1									48-1	1	8	3314	3318
>28	1	1						1								9	570-2	12	564	3296	3318
>22	3	4	3			2	1	2		3	1		1	3	1	24	570-1	48	1021	3306	3420
>17	16	9	11	5	2	5	7	1	7	2	5	3	3	2	4	46	618-1	128	1850	2768	3105
>11	69	37	32	25	22	16	11	13	10	12	2	10	6	4	2	24	294-1	295	1843	1960	3036
>7	100	59	45	25	19	16	7	10	1	5	6	2		2		6	180-1	303	1073	1117	3026
>4	94	59	22	25	11	8	3	6	3	3	3	1	1	1		4	150-1	244	756	786	3026

HOURS INTERVAL BETWEEN EVENTS

50 — 34.0N 30.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3055	3055
>48																				3055	3055
>41																				3055	3055
>34																				3055	3055
>28										1						1	252-1	3	55	3075	3082
>22	4	1		1		2		1	1	1		1		1	1	20	882-1	36	971	3109	3179
>17	1	1	1	6	3	4	1	4	1	1	6	3	2	4	2	48	474-1	133	2150	2721	3039
>11	46	55	24	21	18	18	15	3	5	9	7	6	5	6		17	228-1	300	1528	1697	3018
>7	46	52	34	14	12	8	4	5	3	1	1	2			1	5	144-1	248	727	783	3014
>4	85	33	16	8	7	6	2	3	3	1	1		2			2	128-1	168	442	461	3014

HOURS INTERVAL BETWEEN EVENTS

51 — 33.5N 33.6E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3055	3055
>48																				3055	3055
>41																				3055	3055
>34																				3053	3055
>28	1																6-1	1	1	3049	3055
>22	1	1	1					1							2	10	1482-1	16	814	3079	3114
>17	7	7	4		1	1	2	2	2	1	2			2	2	32	1152-1	65	1686	2930	3081
>11	39	29	28	18	8	8	15	11	5	10	15	4	7	6	1	37	330-1	241	2070	2270	3025
>7	94	71	52	24	20	16	10	10	3	6	2	3	3	4	1	10	168-1	329	1296	1359	3015
>4	98	70	37	19	6	8	6	1		3	1	2		2		2	102-2	255	680	706	3014

HOURS INTERVAL BETWEEN EVENTS

53 — 33.3N 31.1E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3052	3052
>48																				3052	3052
>41																				3052	3052
>34																				3052	3052
>28																1	324-1	1	54	3049	3052
>22								2	1					1	1	14	642-1	21	664	3075	3122
>17	1	5	6	4		3		3	2	4	1	2	3	2	2	38	576-1	91	1623	2813	3037
>11	92	39	22	22	25	10	6	11	11	6	9	4	6	4	4	27	216-1	284	1723	1923	3017
>7	[illegible]	52	34	23	13	13	9	6	4		5	1		1	1	5	126-1	284	899	976	3011
>4	144	35	22	4	6	4	1	2	2	1	1			2		2	114-1	[illegible]	457	[illegible]	[illegible]

HOURS INTERVAL BETWEEN EVENTS

54 — 34.0N 12.7E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3032	3032
>48																				3032	3032
>41																				3032	3032
>34																2	336-1	2	82	3028	3032
>28	1	1														9	546-1	11	466	3113	3142
>22	4	2	4			2	2		1	3	4	1		1	2	27	708-1	53	1308	3137	3263
>17	20	10	14	4	4	6	2	2	5	4	2	5	4	3	2	49	696-1	136	2088	2747	3103
>11	83	48	29	17	15	20	14	7	10	9	8	3	5	1	3	31	270-1	303	1813	1935	3041
>7	119	59	38	24	19	14	12	7	6	1	4	3	2	1	2	5	144-1	316	1072	1101	3029
>4	108	45	28	8	1	6	6	2	1	1	3	1	4			2	96-2	222	591	609	3020

HOURS INTERVAL BETWEEN EVENTS

56 — 33.6N 22.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3032	3032
>48																				3032	3032
>41																				3032	3032
>34																				3066	3067
>28															1	4	414-1	5	226	3058	3067
>22	5	2	3	1	3			2	1		1	1	2	3		18	630-1	42	1039	3057	3142
>17	4	12	4	6	1	4	4	4	1	5	2	2	2	4	3	38	636-1	109	1780	2783	3060
>11	1	73	28	23	21	15	15	10	2	12	2	3	3	5	6	29	372-1	277	1816	1996	3028
>7	90	55	33	17	29	11	10	5	5	3	6	2	3	2	3	8	120-1	292	[illegible]	1172	3016
>4	1	37	24	16	11	1	5	6	3	3		1	3	3	2		90-2	238	687	708	3012

HOURS INTERVAL BETWEEN EVENTS

57 — 33.2N 18.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3007	3007
>48																				3007	3007
>41																				3039	3042
>34																1	150-1	1	25	3035	3042
>28	1		1								1				1	1	564-1	11	379	3015	3042
>22	8	6	2	2	1	1		1	4	6	1	1	2	1		31	546-1	69	1346	2917	3086
>17	17	18	7	8	9	7	7	3	6	6	5	4	2	5	2	42	426-1	148	1853	2779	3206
>11	76	40	33	22	12	24	13	6	5	6	13	5	4	3	3	19	390-1	284	1631	1783	3022
>7	87	62	42	24	14	15	7	2	7	2	6	1	1		1	1	180-1	278	993	1064	3026
>4	96	41	27	12	1	6	4	4	5		2		2		1	1	174-1	210	609	662	3023

HOURS INTERVAL BETWEEN EVENTS

59 — 32.6N 26.2E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3006	3006
>48																				3006	3006
>41																				3006	3006
>34																1	138-1	1	23	3004	3006
>28																4	474-1	4	140	3031	3041
>22	5	2		1	2	1				1	2	2	1	5		16	474-1	38	821	2970	3041
>17	12	10	8	4	3	4	4	4	3	2	2	5		2	4	27	492-1	101	1296	2845	3075
>11	67	32	21	16	18	17	11	8	7	2	5	9	3	2	5	27	582-1	250	1808	2218	3046
>7	71	54	39	31	14	11	13	7	4	3	4		6	3		13	234-1	233	1245	[illegible]	3009
>4	154	44	11	13	12	9	3	3	2	4	4	2		1		4	120-1	216	647	708	3008

HOURS INTERVAL BETWEEN EVENTS

60 — 32.2N 29.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3006	3006
>48																				3006	3006
>41																				3006	3006
>34																				3006	3006
>28	1														1	2	336-1	4	100	3001	3006
>22	1	4	2			1								2		10	546-1	20	585	3040	3076
>17	7	9	4	4	1	2	1	4		5	4	1	1	3	1	32	522-1	79	1554	2859	3051
>11	76	41	28	24	11	14	10	3	5	4	5	8	3	4	4	31	468-1	271	1840	2144	3014
>7	111	47	56	22	15	12	10	9	4	3	2	1		4	4	8	204-1	310	1152	1258	3008
>4	93	49	24	11	8	6	4		3	3	2	2	1	3	2		[illegible]	[illegible]	599	[illegible]	3006

HOURS INTERVAL BETWEEN EVENTS

62 — 32.6N 15.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3006	3006
>48																				3006	3006
>41																				3006	3006
>34																3	564-1	3	218	3003	3006
>28	1								1				1			12	582-1	15	649	2999	3041
>22	8	3	2		2	2	4	3	1	2	5	2	1	1		35	594-1	72	1408	3060	3232
>17	41	24	17	8	10	6	11	6	7	7	7	2	2	3	3	45	894-1	205	2117	2638	3156
>11	124	58	40	22	13	14	14	16	10	1	4	10	7	2	2	14	270-1	351	1582	1674	3068
>7	115	65	38	27	9	14	1	5	5	3	4	1	1	1	1	2	144-1	287	837	880	3021
>4	80	42	36	13	7	7	5	1		1	3		1	2		1	144-1	196	540	561	3021

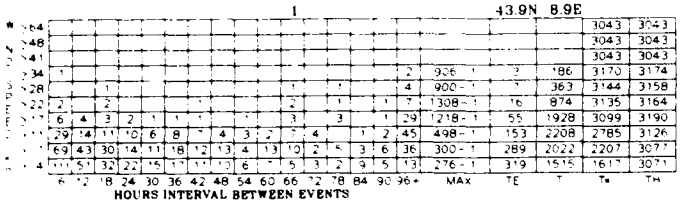
HOURS INTERVAL BETWEEN EVENTS

63 — 31.2N 18.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3005	3005
>48																				3005	3005
>41																				3004	3005
>34																1	324-1	1	54	3003	3005
>28			1						1							4	564-1	6	254	2991	3005
>22	3	8	1	1	1	2	1		1		1	1	1		5	25	450-1	51	1012	2952	3063
>17	29	18	5	7	2	6	3	4	6	2	7	5	5	4	4	39	510-1	146	1737	2810	3209
>11	74	41	32	17	17	11	10	12	13	7	6	7	9	5	2	22	318-1	280	1739	1897	3079
>7	101	70	40	27	16	11	9	5	7	5	1	8	2	1	1	3	198-1	307	1065	1112	3026
>4	86	53	23	9	5	12	4	3	5	3		1				2	132-1	206	575	604	3014

HOURS INTERVAL BETWEEN EVENTS

SUMMER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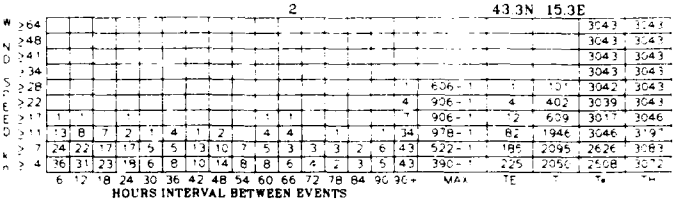
43.9N 8.9E
HOURS INTERVAL BETWEEN EVENTS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43.3N 15.3E
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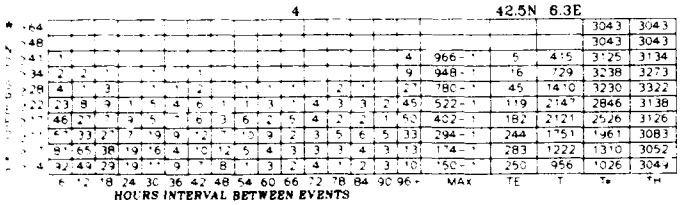
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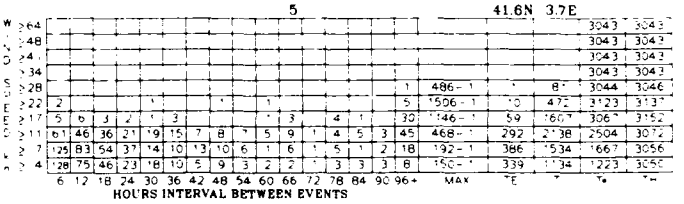
42.5N 6.3E
HOURS INTERVAL BETWEEN EVENTS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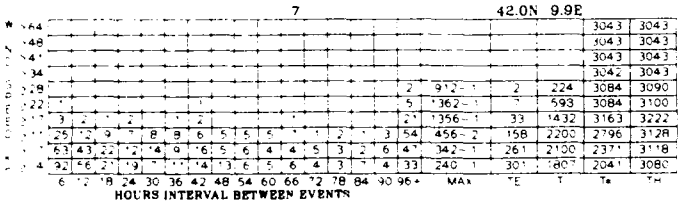
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS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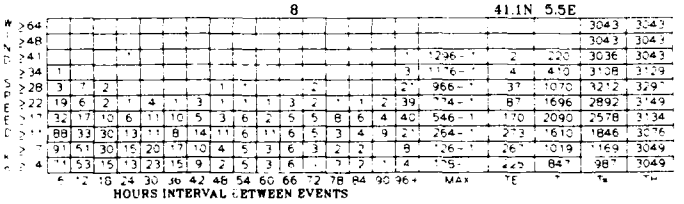
42.0N 9.9E
HOURS INTERVAL BETWEEN EVENTS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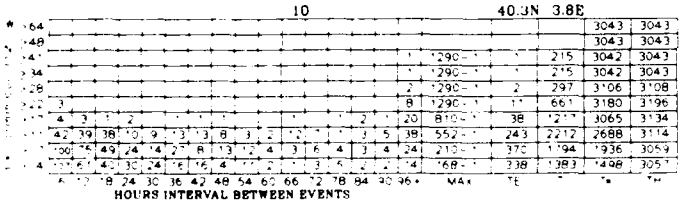
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS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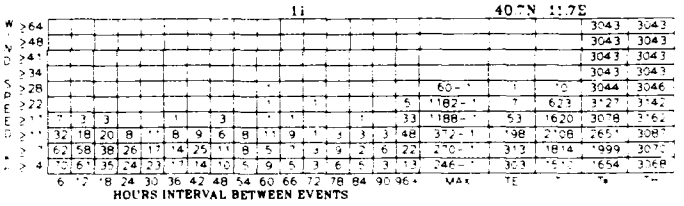
40.3N 3.8E
HOURS INTERVAL BETWEEN EVENTS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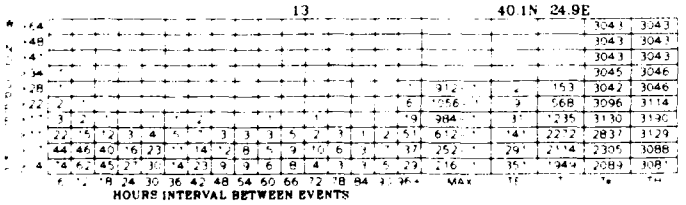
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS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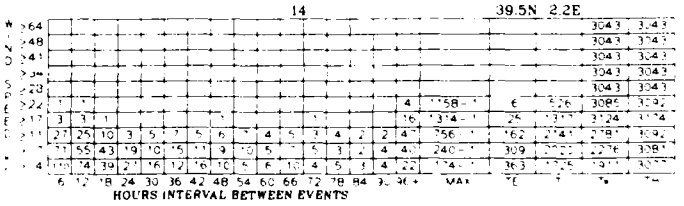
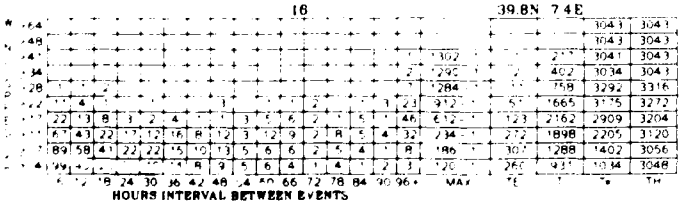
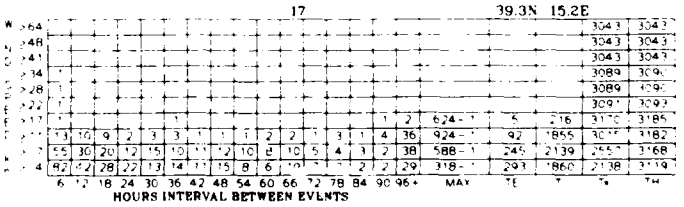
40.1N 24.9E
HOURS INTERVAL BETWEEN EVENTS


14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


16
39.8N 7.4E
HOURS INTERVAL BETWEEN EVENTS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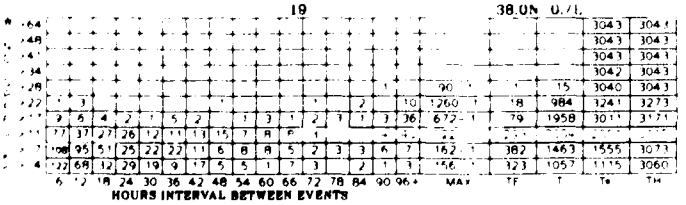
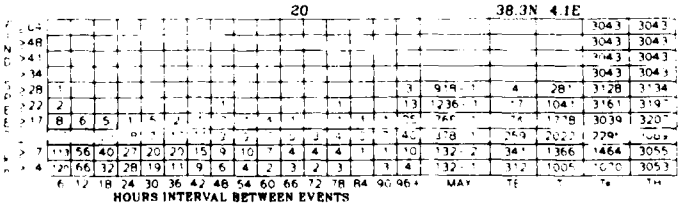
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


19
38.0N 0.7E
HOURS INTERVAL BETWEEN EVENTS


20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

43.3N 15.3E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41			3043	3043
>34			3043	3043
>28		[illegible]	3042	3043
>22	4	402	3039	3043
>17	12	609	3017	3046
>11	8	946	3046	3197
>7	186	2095	2626	3083
>4	225	2050	2508	3072

3

42.3N 4.5E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																1	1302-1	1	217	3041	3043
>41																1	1302-1	2	220	3039	3043
>34	1															6	1296-1	8	649	3145	3166
>28	6	4	2		2	2	3			1				1	1	26	947-1	48	1340	3062	3151
>22	21	9	5	2	6	3	6	3	2	1	3	4	1		2	42	528-1	110	1964	2896	3183
>17	47	20	10	9	8	11	8	5	1	6	5	5	2	4	5	41	468-1	187	2005	2511	3096
>11	66	38	19	20	16	12	23	5	12	7	6	6	3	4	4	23	204-1	264	1611	1844	3062
>7	95	63	38	21	14	19	13	6	2	8	3	1	2	1	2	9	180-1	287	1129	1198	3050
>4	94	47	36	13	17	14	10	6	2	7	1	3	2		1	8	138-1	261	958	1006	3048

HOURS INTERVAL BETWEEN EVENTS

41.6N 3.7E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41			3043	3043
>34			3043	3043
>28		91	3044	3046
>22	12	412	3123	3137
>17	53	1627	3067	3152
>11	242	2138	2504	3072
>7	396	1534	1667	3056
>4	[illegible]	1134	1223	3052

6

41.9N 8.1E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																1	432-1	1	72	3042	3043
>41	1															2	906-1	3	224	3040	3043
>34	2															5	972-1	8	422	3238	3252
>28	1					2		2						1	1	18	762-1	25	1182	3265	3322
>22	18	10	4	2		2	2	2	1		2	4	1	2		36	726-1	86	2060	3068	3269
>17	29	8	9	3	7	1	4	1	4	4	4	3	2	4		44	714-1	127	2171	2719	3138
>11	53	21	19	10	7	8	9	10	6	3	9	4	8	4	5	41	354-1	216	1989	2229	3099
>7	84	43	30	20	16	11	10	11	6	6	6	5	3	2	3	19	306-1	275	1450	1610	3052
>4	76	35	30	24	12	12	5	6	8	2	1	3	4	2	5	11	198-1	236	1106	1209	3049

HOURS INTERVAL BETWEEN EVENTS

41.1N 5.5E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41	2	220	3036	3043
>34	4	410	3108	3129
>28	37	1272	3212	3297
>22	97	1696	2892	3149
>17	[illegible]	2290	2578	3134
>11	273	1612	1846	3076
>7	357	1719	1163	3049
>4	425	84	987	3049

9

40.1N 1.2E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																				3043	3043
>41																				3043	3043
>34																				3043	3043
>28																				3043	3043
>22		2	2									1				7	1170-1	12	483	3138	3154
>17	5	3	8			1		2			2	2	3	1	2	24	834-1	53	1535	3105	3193
>11	66	43	27	19	10	14	9	12	9	7	8	4	2	6	8	32	474-1	275	2220	2566	3108
>7	77	86	30	24	18	15	20	15	8	6	9	4	3	4	7	13	186-1	365	1669	1777	3049
>4	122	96	55	32	15	16	21	6	5	7	5	4	1	2	3	7	138-1	397	1412	1487	3049

HOURS INTERVAL BETWEEN EVENTS

40.7N 11.7E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41			3043	3043
>34			3043	3043
>28		12	3044	3046
>22	7	523	3127	3142
>17	53	1620	3078	3167
>11	149	2138	2651	3087
>7	313	1914	1999	3075
>4	314	[illegible]	1654	3068

12

40.6N 18.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																				3043	3043
>41																				3043	3043
>34																				3043	3043
>28																1	876-1	1	146	3132	3134
>22	1		2				1				1					9	[illegible]	14	573	3265	3287
>17	5	6	4			1	2	1	2	1		1		1		25	738-1	49	1236	3115	3188
>11	31	33	16	13	5	12	12	5	4	4	5	3	3	1	5	40	444-1	192	2031	2713	3096
>7	69	47	39	14	16	16	8	7	8	9	3	8	4	4	6	31	282-1	289	1864	2174	3077
>4	71	53	35	17	23	16	18	3	11	7	5	5	6	4	4	19	198-1	301	1668	1859	3057

HOURS INTERVAL BETWEEN EVENTS

39.5N 2.2E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41			3043	3043
>34			3043	3043
>28			3043	3043
>22	[illegible]	626	3085	3092
>17	[illegible]	1317	3124	3174
>11	161	1417	2781	3092
>7	[illegible]	[illegible]	2276	3091
>4	[illegible]	[illegible]	[illegible]	[illegible]

15

39.8N 5.7E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																				3043	3043
>41																1	1290-1	1	215	3042	3043
>34																1	1290-1	1	215	3042	3043
>28	1	1														3	1266-1	5	482	3190	3200
>22		2		1	1		1	3				1		1	1	12	1266-1	24	939	3184	3228
>17	10	8	4	3	2	4	4	1	1	2	1	2	1	4	2	33	624-1	82	1851	3002	3168
>11	46	29	18	13	12	7	9	5	4	12	7	5	3	3	4	45	450-1	222	2019	2445	3094
>7	84	66	38	21	22	15	10	8	7	10	8	3	6	1	3	16	252-1	318	1509	1725	3072
>4	96	61	28	19	16	17	7	6	5	4	7	2	2	2		11	198-1	286	1140	1261	3054

HOURS INTERVAL BETWEEN EVENTS

39.3N 15.2E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41			3043	3041
>34			3089	3090
>28			3089	3090
>22			3091	3093
>17	5	216	3175	3185
>11	92	1865	3015	3182
>7	245	2134	2551	3168
>4	293	1867	2138	3119

18

39.3N 17.8E

	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																				3043	3043
>41																				3043	3043
>34																				3043	3043
>28																1	[illegible]	1	35	3042	3043
>22																5	630-1	5	340	3123	3137
>17	1	1	1	2	1	1				1	2		1			29	1182-1	46	1540	3113	3198
>11	48	27	22	5	11	6	9	8	4	4	9	4	1	4	5	44	450-1	211	2045	2597	3095
>7	78	52	31	27	22	9	15	8	12	6	3	7	3	1	4	26	348-1	304	1714	1950	3082
>4	91	55	38	26	22	11	21	8	7	4	4	6	2	6	3	17	222-1	321	1565	1674	3069

HOURS INTERVAL BETWEEN EVENTS

38.3N 4.1E

	TE	T	Te	TH
>64			3043	3043
>48			3043	3043
>41			3043	3043
>34			3043	3043
>28	3	181	3122	3144
>22	17	741	3161	3197
>17	54	1778	3039	3207
>11	451	2222	2295	3089
>7	[illegible]	[illegible]	[illegible]	[illegible]
>4	112	[illegible]	[illegible]	[illegible]

21

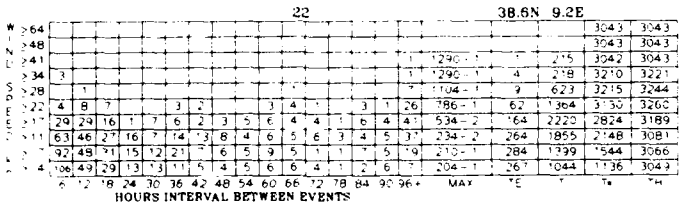
38.5N 7.5E

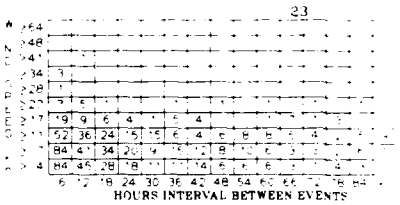
	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3043	3043
>48																				3043	3043
>41																				3043	3043
>34																1	1290-1	1	215	3042	3043
>28	1	1														5	1284-1	8	576	3095	3106
>22	3	5	1	1	1	3			1		3	2		1		15	990-1	36	1113	3217	3292
>17	1	4	12	2	3	6	1	1	4	4	2	2		4	2	46	912-1	112	2169	2927	3197
>11	74	43	19	16	17	15	9	11	6	9	13	2	5	5	6	33	246-1	284	1914	2218	3104
>7	93	82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	324	[illegible]	1442	3065
>4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

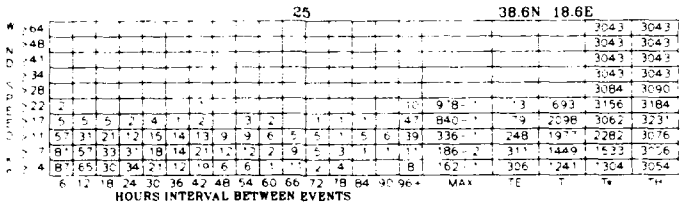
HOURS INTERVAL BETWEEN EVENTS

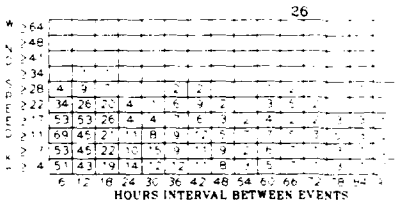
230 B

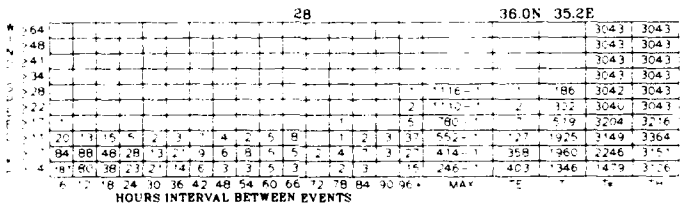
WIND SPEED INTERVALS (Cont'd)

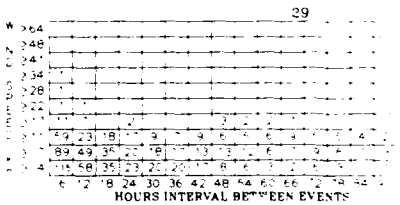


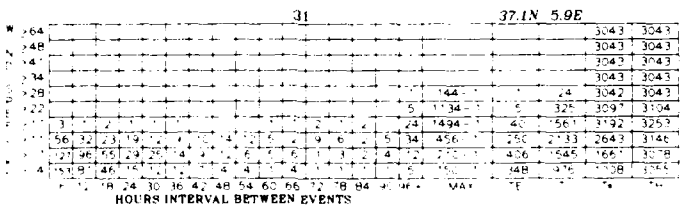


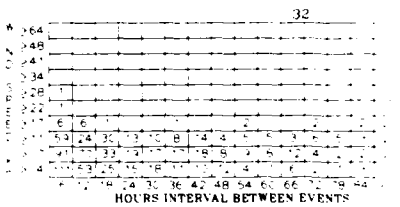


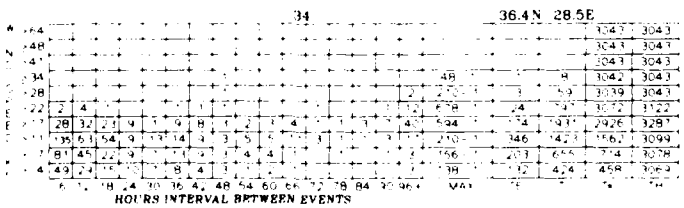


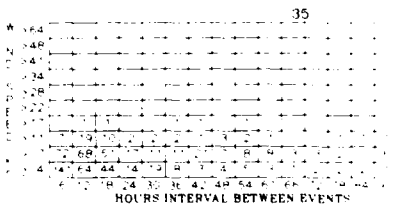


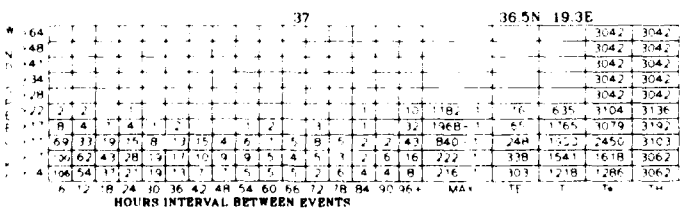


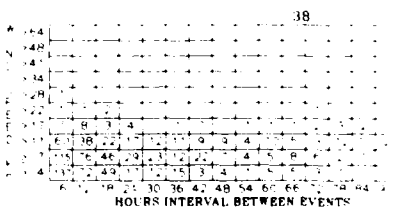


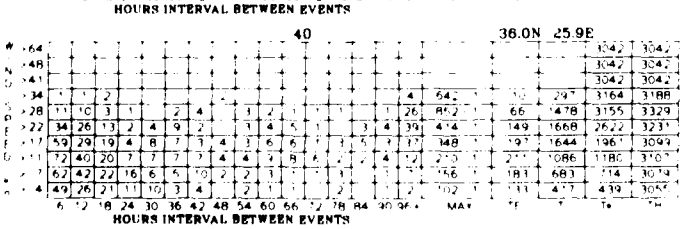


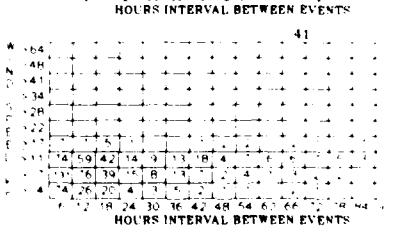












Cont'd)

SUMMER

23 38.6N 10.9E

HOURS INTERVAL BETWEEN EVENTS

24 38.7N 12.6E

HOURS INTERVAL BETWEEN EVENTS

26 38.1N 25.4E

HOURS INTERVAL BETWEEN EVENTS

27 37.4N 1.7E

HOURS INTERVAL BETWEEN EVENTS

29 36.0N 4.0W

HOURS INTERVAL BETWEEN EVENTS

30 36.5N 0.7W

HOURS INTERVAL BETWEEN EVENTS

32 37.3N 11.8E

HOURS INTERVAL BETWEEN EVENTS

33 36.6N 26.9E

HOURS INTERVAL BETWEEN EVENTS

35 35.9N 31.8E

HOURS INTERVAL BETWEEN EVENTS

36 35.6N 2.2W

HOURS INTERVAL BETWEEN EVENTS

38 36.3N 22.6E

HOURS INTERVAL BETWEEN EVENTS

39 36.2N 24.3E

HOURS INTERVAL BETWEEN EVENTS

41 35.3N 30.8E

HOURS INTERVAL BETWEEN EVENTS

42 34.7N 34.8E

HOURS INTERVAL BETWEEN EVENTS

SUMMER

WIND SPE

43 36.0N 13.5E

HOURS INTERVAL BETWEEN EVENTS

44 35.9N 16.8E

HOURS INTERVAL BETWEEN EVENTS

46 35.0N 28.3E

HOURS INTERVAL BETWEEN EVENTS

47 35.2N 19.2E

HOURS INTERVAL BETWEEN EVENTS

49 34.8N 24.1E

HOURS INTERVAL BETWEEN EVENTS

50 34.0N 30.5E

HOURS INTERVAL BETWEEN EVENTS

52 33.7N 28.0E

HOURS INTERVAL BETWEEN EVENTS

53 33.3N 31.1E

HOURS INTERVAL BETWEEN EVENTS

55 34.0N 15.9E

HOURS INTERVAL BETWEEN EVENTS

56 33.6N 22.3E

HOURS INTERVAL BETWEEN EVENTS

58 33.1N 19.9E

HOURS INTERVAL BETWEEN EVENTS

59 32.6N 26.2E

HOURS INTERVAL BETWEEN EVENTS

61 31.7N 32.4E

HOURS INTERVAL BETWEEN EVENTS

62 32.6N 15.9E

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

35.9N 16.8E

35.2N 19.2E

34.0N 30.5E

33.3N 31.1E

33.6N 22.3E

32.6N 26.2E

32.6N 15.9E

45 — 35.2N 26.6E

Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3042	3042
≥48																				3042	3042
≥41																1	348-1	2	[illegible]	3030	3042
≥34	2	2														6	780-1	11	333	3160	3188
≥28	10	9	4	1		1	1	2		1		1	2	2		22	510-1	56	1175	3068	3224
≥22	47	22	18	3	3	6	2		4	6	2		2	3	3	40	408-1	161	1727	2536	3143
≥17	59	19	16	7	9	11	1	6	2	4	7	2	4	5	4	34	372-1	190	1600	1890	3097
≥11	62	34	14	15	9	8	6	6	1	5	9	3	2	1	2	9	210-1	192	944	1023	3082
≥7	43	29	11	11	8	4	2	7	2	3	1		1		1	5	138-2	128	501	530	3070
≥4	29	21	15	5	6	2	8	3	2	2	2			1		3	108-1	99	384	404	3063

HOURS INTERVAL BETWEEN EVENTS

48 — 35.1N 20.8E

Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3040	3040
≥48																				3040	3040
≥41																				3040	3040
≥34																				3040	3040
≥28																				3040	3040
≥22				1											1	3	390-1	5	176	3109	3121
≥17	8	4			1	2	2				2		2	2	1	29	918-1	53	1604	3001	3126
≥11	71	45	25	10	7	6	11	7	12	7	3	9	10	8	4	31	564-1	266	2021	2402	3154
≥7	97	62	40	25	11	16	11	9	9	6	2	5	1	5	4	11	210-2	304	1348	1436	3077
≥4	103	55	36	19	19	7	12	5	4	3	1	3		2	4	5	204-1	278	963	1025	3066

HOURS INTERVAL BETWEEN EVENTS

51 — 33.5N 33.6E

Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3040	3040
≥48																				3040	3040
≥41																				3040	3040
≥34																				3040	3040
≥28																				3040	3040
≥22																1	354-1	1	59	3039	3040
≥17	4	[illegible]	[illegible]			3	2	2	[illegible]	[illegible]	[illegible]				2	[illegible]	702-1	38	708	3054	3126
≥11	[illegible]	38	29	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3	[illegible]	4	[illegible]	420-1	232	1988	2466	3207
≥7	95	60	46	16	[illegible]	[illegible]	[illegible]	[illegible]	5	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	210-1	283	1092	[illegible]	3072
≥4	[illegible]	28	[illegible]	19	6	[illegible]	[illegible]		[illegible]	2	2					1	96-1	197	457	470	3056

HOURS INTERVAL BETWEEN EVENTS

54 — 34.0N 12.7E

Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3037	3037
≥48																				3037	3037
≥41																				3037	3037
≥34																				3037	3037
≥28																				3037	3037
≥22																[illegible]	282-1	3	59	3208	3220
≥17	[illegible]	5	[illegible]				[illegible]									16	996-1	33	837	3209	3289
≥11	[illegible]	[illegible]	[illegible]						6	[illegible]	8	[illegible]	5	4	2	44	48[illegible]	[illegible]	2088	2498	3113
≥7	[illegible]	[illegible]	[illegible]	18	4	14	14	9		[illegible]	8	[illegible]	[illegible]	[illegible]	4	18	[illegible]	286	1510	1652	3058
≥4	14	[illegible]	24	23	14	14	[illegible]	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9	138-1	284	1164	1138	3038

HOURS INTERVAL BETWEEN EVENTS

57 — 33.2N 18.3E

Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3033	3033
≥48																				3033	3033
≥41																				3033	3033
≥34																				3033	3033
≥28																				3033	3033
≥22															[illegible]	4	414-1	5	185	3072	3083
≥17	[illegible]	[illegible]	[illegible]					2							[illegible]	16	780	31	1006	3239	3316
≥11	47	4[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	8	14	[illegible]		[illegible]	[illegible]	[illegible]	43	54[illegible]	242	2027	2409	3081
≥7	[illegible]	[illegible]	14	16	2[illegible]	[illegible]		8	4	6	[illegible]	6	4	[illegible]	[illegible]	15	294	308	1420	1524	3068
≥4	[illegible]	18	[illegible]	[illegible]	[illegible]	2	6	[illegible]	4	4	6	3	[illegible]		[illegible]	12	168-2	[illegible]	[illegible]	1209	3039

HOURS INTERVAL BETWEEN EVENTS

60 — 32.2N 29.3E

Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3032	3032
≥48																				3032	3032
≥41																				3032	3032
≥34																				3032	3032
≥28																				3032	3032
≥22																[illegible]	48-1	3	12	3022	3032
≥17	6	6	[illegible]	2	4	[illegible]	[illegible]			2						14	606-1	44	770	3097	3229
≥11	74	40	26	[illegible]	[illegible]	[illegible]	[illegible]	8	6	8	6	4	2	8	2	30	384-1	261	1756	2167	3125
≥7	[illegible]	[illegible]	[illegible]	13	8	16	8	4	4	5		3	4	2	2	5	222-1	273	923	977	3062
≥4	82	26	15	10	5	2	5	3	[illegible]	[illegible]		[illegible]	2	[illegible]			84-1	154	386	403	3042

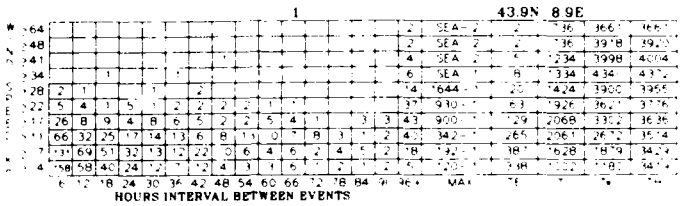
HOURS INTERVAL BETWEEN EVENTS

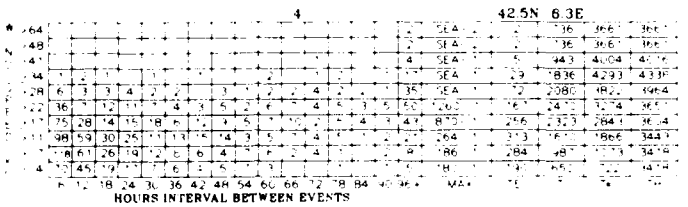
63 — 31.2N 18.9E

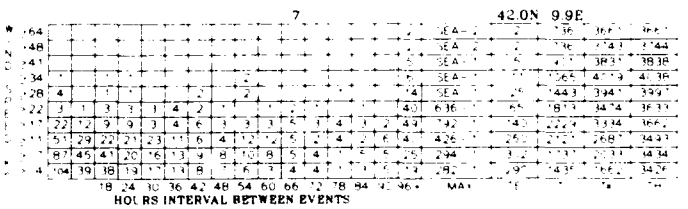
Knots	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3028	3028
≥48																				3028	3028
≥41																				3028	3028
≥34																				3028	3028
≥28																				3028	3028
≥22																2	282-1	2	82	3024	3031
≥17	6	5	4								3				2	14	870-1	40	786	3107	3207
≥11	59	54	26	7	8	9	9	6	10	8	5	2	4	4	6	33	432-1	250	1812	2380	3085
≥7	95	68	34	18	15	17	11	6	7	10	3	3	4	3	2	12	240-1	308	1338	1489	3060
≥4	118	55	31	19	13	16	8	4	2	4	2				2	7	234-1	281	930	995	3060

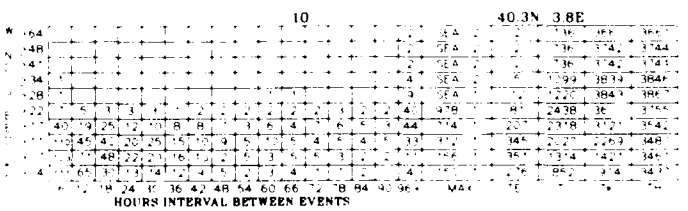
HOURS INTERVAL BETWEEN EVENTS

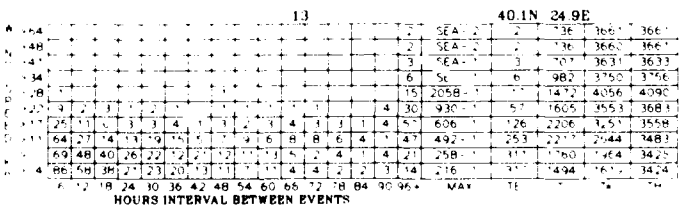
WIND SPEED INTERVALS

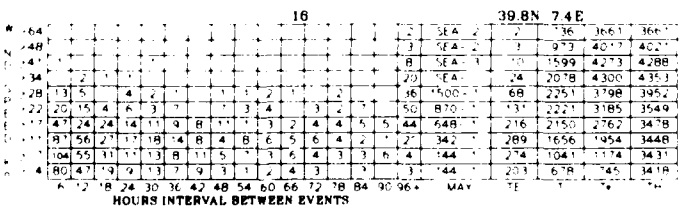


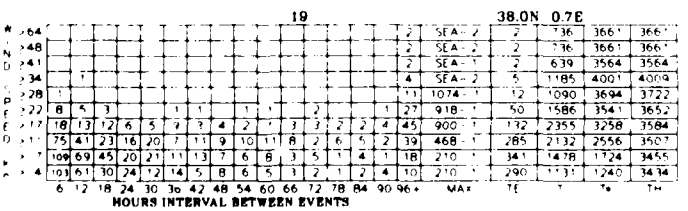




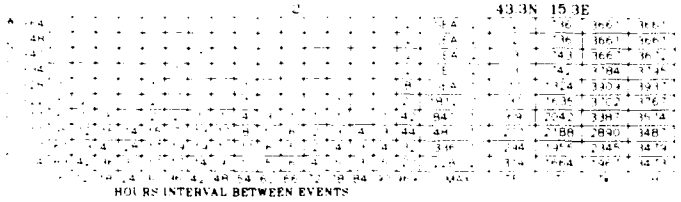


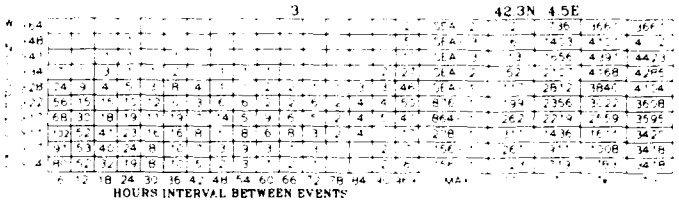


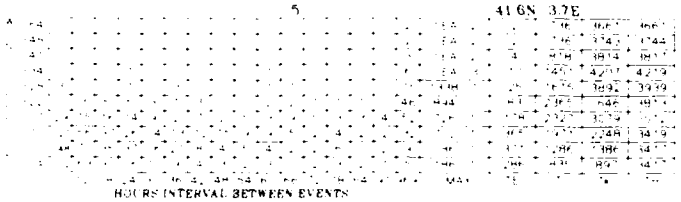


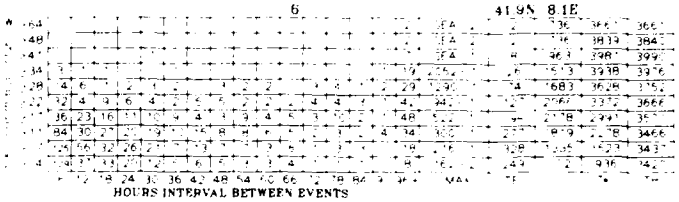


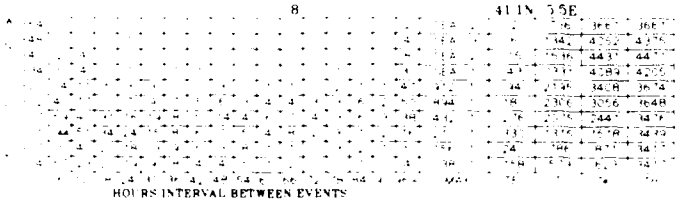
FALL

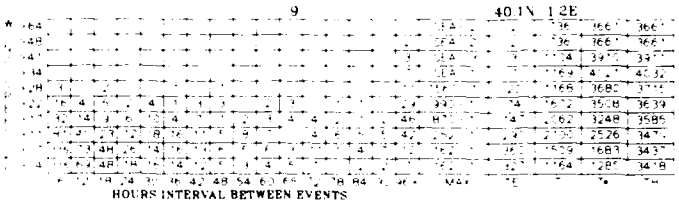

2
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS

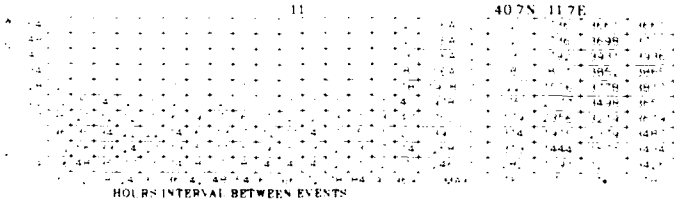

3
42.3N 4.5E
HOURS INTERVAL BETWEEN EVENTS

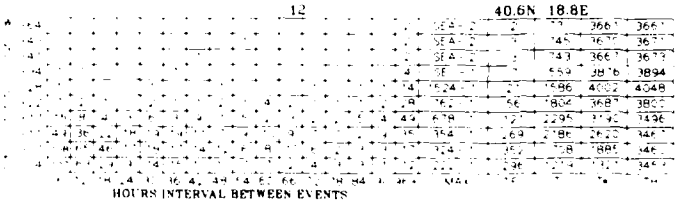

5
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

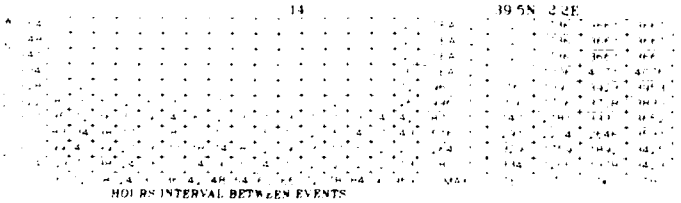

6
41.9N 8.1E
HOURS INTERVAL BETWEEN EVENTS

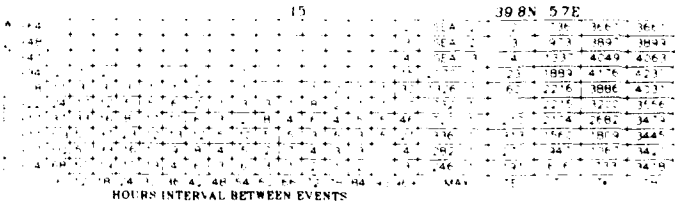

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

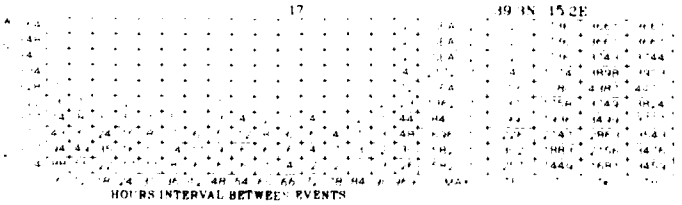

9
40.1N 1.2E
HOURS INTERVAL BETWEEN EVENTS

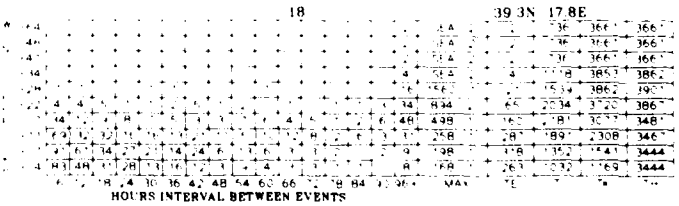

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

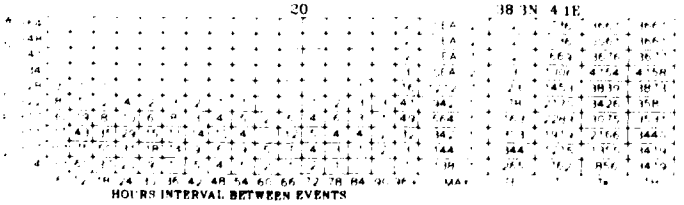

12
40.6N 18.8E
HOURS INTERVAL BETWEEN EVENTS

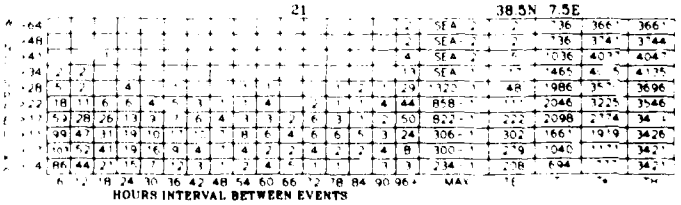

14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


15
39.8N 5.7E
HOURS INTERVAL BETWEEN EVENTS

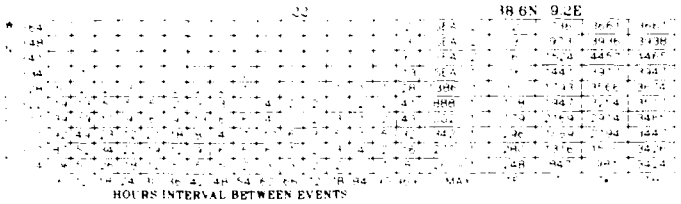

17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


18
39.3N 17.8E
HOURS INTERVAL BETWEEN EVENTS

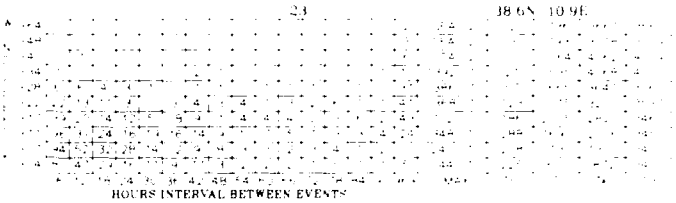

20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS


21
38.5N 7.5E
HOURS INTERVAL BETWEEN EVENTS

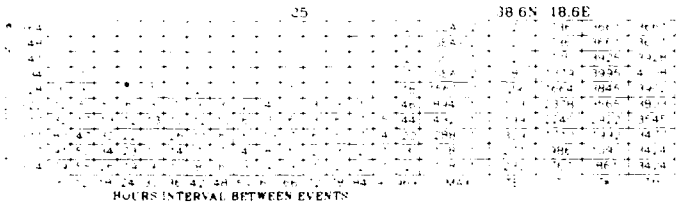
22 38.6N 9.2E



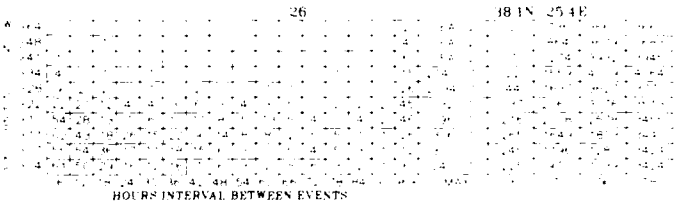
23 38.6N 10.9E



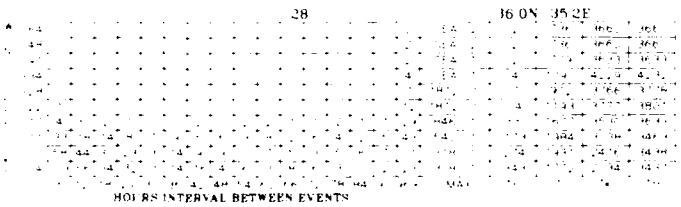
25 38.6N 18.6E



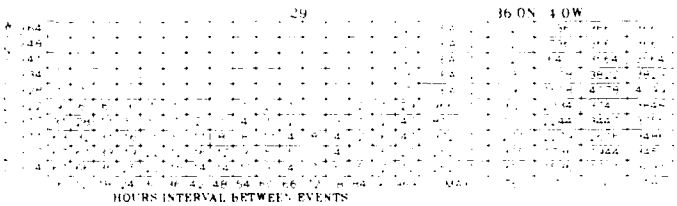
26 38.1N 25.4E



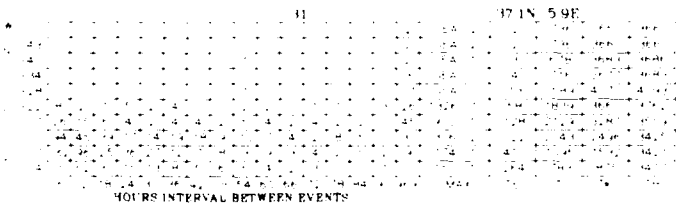
28 36.0N 35.2E



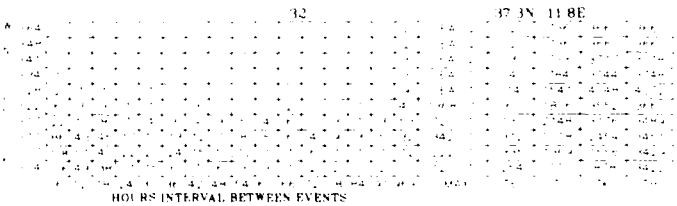
29 36.0N 4.0W



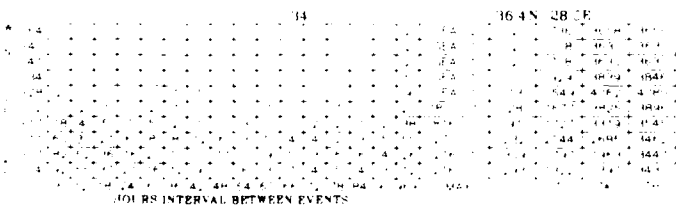
31 37.1N 5.9E



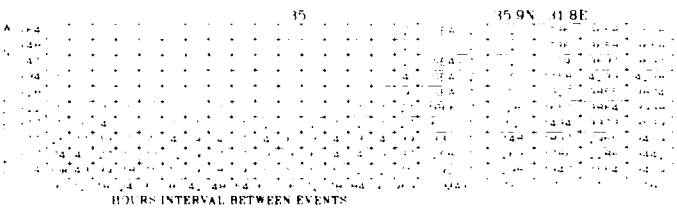
32 37.3N 11.8E



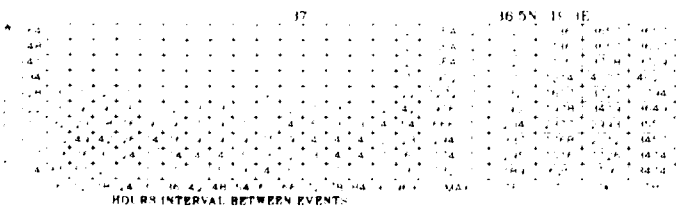
34 36.4N 28.[illegible]E



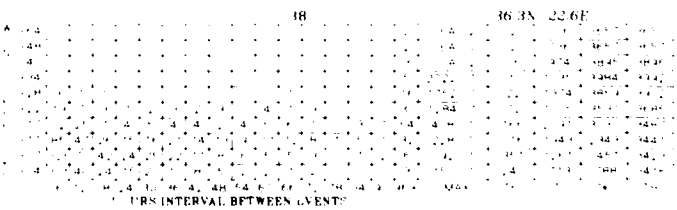
35 35.9N 41.8E



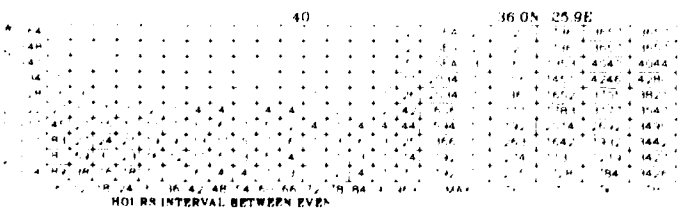
37 36.5N 1[illegible].[illegible]E



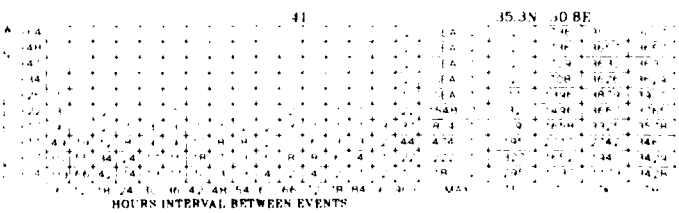
38 36.3N 22.6E



40 36.0N 25.9E

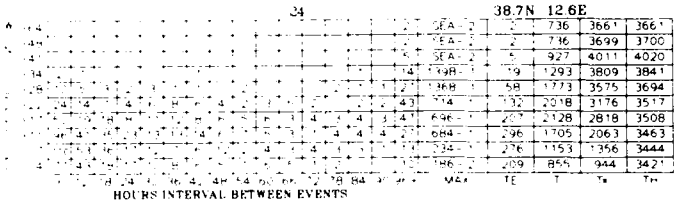


41 35.3N 30.8E



WIND SPEED INTERVALS (Cont'd)

38.6N 10.9E

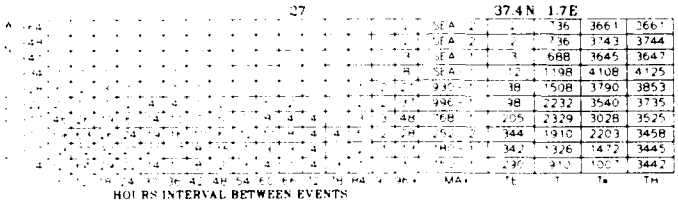


24 — 38.7N 12.6E

MAX	TE	T	Te	Th
SEA	2	736	3661	3661
SEA	2	736	3699	3700
SEA	5	927	4011	4020
198	19	1293	3809	3841
368	58	1773	3575	3694
714	132	2018	3176	3517
696	207	2128	2818	3508
684	296	1705	2063	3463
534	276	1153	1356	3444
186	209	855	944	3421

HOURS INTERVAL BETWEEN EVENTS

38.1N 25.4E

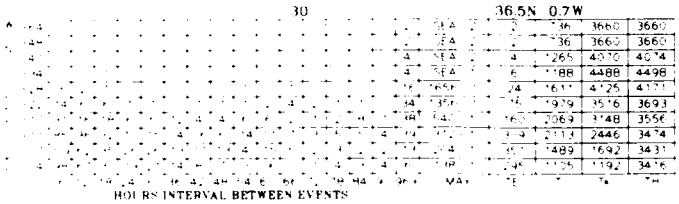


27 — 37.4N 1.7E

MAX	TE	T	Te	Th
SEA	2	736	3661	3661
SEA	2	736	3743	3744
SEA	3	688	3645	3647
SEA	12	1198	4108	4125
930	38	1508	3790	3853
996	88	2232	3540	3735
768	205	2329	3028	3525
252	344	1910	2203	3458
184	342	1326	1472	3445
[illegible]	290	[illegible]	1007	3442

HOURS INTERVAL BETWEEN EVENTS

36.0N 4.0W

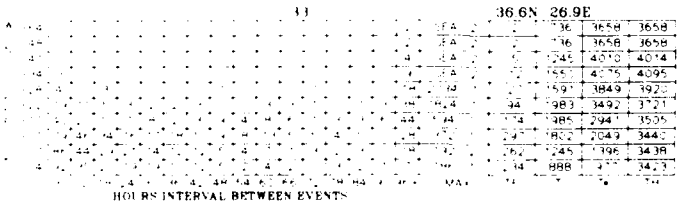


30 — 36.5N 0.7W

MAX	TE	T	Te	Th
SEA	2	736	3660	3660
SEA	2	736	3660	3660
SEA	4	1265	4070	4074
SEA	6	1188	4488	4498
1655	14	1611	4125	4171
1477	14	1979	3576	3693
1643	160	2069	3148	3556
[illegible]	334	2113	2446	3474
777	467	1489	1692	3431
18	396	1125	1192	3416

HOURS INTERVAL BETWEEN EVENTS

37.3N 11.8E

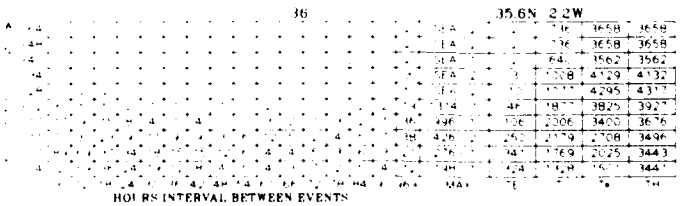


33 — 36.6N 26.9E

MAX	TE	T	Te	Th
SEA	2	736	3658	3658
SEA	2	736	3658	3658
SEA	6	1245	4070	4014
SEA	22	1551	4075	4095
1497	22	1597	3849	3920
1983	34	1983	3492	3721
1385	134	1385	2941	3505
1802	247	1802	2049	3442
1245	362	1245	1396	3438
888	34	888	[illegible]	3423

HOURS INTERVAL BETWEEN EVENTS

35.9N 0.8E

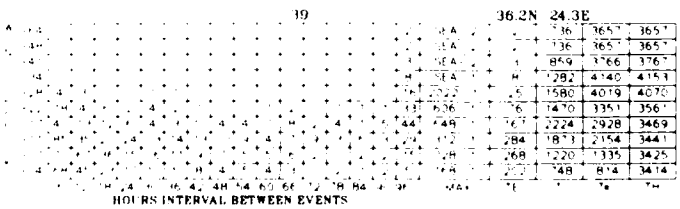


36 — 35.6N 2.2W

MAX	TE	T	Te	Th
SEA	[illegible]	736	3658	3658
SEA	[illegible]	736	3658	3658
SEA	[illegible]	1643	3562	3562
SEA	[illegible]	1508	4129	4132
SEA	[illegible]	[illegible]	4295	4313
1174	48	1877	3825	3927
496	136	2306	3400	3676
476	252	2179	2708	3496
276	343	1769	2025	3443
184	424	[illegible]	[illegible]	3447

HOURS INTERVAL BETWEEN EVENTS

36.3N 22.6E

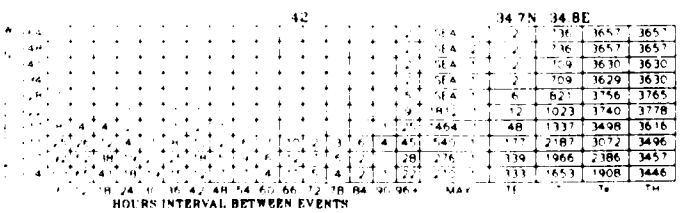


39 — 36.2N 24.3E

MAX	TE	T	Te	Th
SEA	2	736	3657	3657
SEA	2	736	3657	3657
SEA	1	859	3766	3767
SEA	4	1282	4140	4153
2222	15	1580	4019	4070
636	16	1470	3351	3567
449	167	2224	2928	3469
172	284	1873	2154	3441
118	268	1220	1335	3425
48	207	748	814	3414

HOURS INTERVAL BETWEEN EVENTS

45.3N 30.8E



42 — 34.7N 34.8E

MAX	TE	T	Te	Th
SEA	2	736	3657	3657
SEA	2	736	3657	3657
SEA	2	709	3630	3630
SEA	2	709	3629	3630
SEA	6	621	3756	3765
1812	12	1023	3740	3778
464	48	1337	3498	3616
543	117	2187	3072	3496
276	239	1966	2386	3457
[illegible]	333	1653	1908	3446

HOURS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

43 — 36.0N 13.5E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																	2	SEA- 2	2	736	3656	3656
>48																	2	SEA- 2	2	736	3656	3656
>41																	2	SEA- 2	2	736	3693	3695
>34																	7	SEA- 1	7	1285	3927	3940
>28	2	1			1	1								1			17	SEA- 1	23	1637	3909	3958
>22	10	6	4	6	2	3	3	1	1	3	1	1		3	1		36	714- 1	81	1805	3390	3584
>17	31	9	17	7	6	7	5	5	4	5	3	5	1	2	3		48	582- 1	158	2095	3012	3493
>11	89	45	30	25	12	16	13	15	6	9	10	3	7	5	2		26	198- 1	313	1837	2137	3444
>7	104	60	40	28	17	13	15	9	4	3	2	6	2	1			6	156- 1	310	1124	1325	3411
>4	104	44	26	29	8	8	6	7	3	2	1			1				84- 1	239	644	752	3412

HOURS INTERVAL BETWEEN EVENTS

44

HOURS INTERVAL BETWEEN EV

46 — 35.0N 28.3E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																	2	SEA- 2	2	736	3656	3656
>48																	2	SEA- 2	2	736	3656	3656
>41																	3	SEA- 1	3	786	3644	3647
>34						1											7	SEA- 2	8	1192	4047	4073
>28	3	3	1	2		1						1					15	SEA- 1	26	1495	3695	3767
>22	16	6	8	3	1	3	1	2	1	1	2	2	2	2			38	1434- 1	88	1846	3422	3697
>17	49	27	14	5	9	6	3	3	8	3	8	2	3	3	2		51	600- 1	196	2132	2899	3555
>11	93	39	24	15	11	17	13	7	4	7	5	7	3	3	4		30	228- 1	286	1734	1886	3452
>7	95	47	27	17	15	10	12	6	4	3	3	5	2	1	2		8	162- 1	257	995	1077	3419
>4	84	47	27	17	15	5	9	6	3	4		3	5		1		3	162- 1	223	772	813	3419

HOURS INTERVAL BETWEEN EVENTS

47

HOURS INTERVAL BETWEEN EVI

49 — 34.8N 24.1E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																	2	SEA- 2	2	736	3656	3656
>48																	2	SEA- 2	2	736	3656	3656
>41																	2	SEA- 1	2	606	3758	3759
>34																	3	SEA- 1	3	943	4132	4135
>28	1																8	SEA- 1	9	1268	3975	3989
>22	11	8	3	1	1		2	1	1	1			1				22	362- 1	53	1308	3566	3680
>17	17	9	4	4	2	6	3		3	4		3	5	3	3		31	720- 1	97	1524	3222	3514
>11	74	31	32	8	13	15	8	10	9	4	6	5	7		4		39	342- 1	265	2140	2570	3472
>7	35	46	35	25	16	13	11	6	6	8	4	3	10	3			14	172- 1	301	1507	1748	3427
>4	74	47	37	16	7	10	11	8	5	3	5	1	11	3			8	264- 1	24	1126	1267	3427

HOURS INTERVAL BETWEEN EVENTS

50

HOURS INTERVAL BETWEEN EVE

52 — 33.7N 28.0E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																	1	SEA- 1	1	368	3482	3482
>48																	1	SEA- 1	1	368	3482	3482
>41																	1	SEA- 1	1	368	3481	3482
>34																	5	SEA- 1	9	550	3658	3679
>28	2																15	1116- 1	21	1101	3575	3656
>22	8	8	4	1	1	2	5	1	2	2	4	5					31	666- 1	74	1468	3307	3568
>17	2	11	10	1	3		1	2	6	4	6	2	4	2	3		34	486- 1	129	1629	2904	3480
>11	11	42	27	14	11	9	2	11	4	5	4	5	4	4	6		28	264- 1	270	1718	2010	3436
>7	85	47	25	25	14	11	5	5	1	4	3	4	2	1	1		11	168- 1	242	1033	1139	3422
>4	68	38	22	11	12	9	4	6	5	1	1		1	3			4	162- 1	185	646	692	3414

HOURS INTERVAL BETWEEN EVENTS

53

HOURS INTERVAL BETWEEN EVE

55 — 34.0N 15.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3481	3481
>48																				3481	3481
>41																				3517	3520
>34																				3799	3806
>28	1																11	1140- 1	13	666	3794	3844
>22	5	5										2					35	1338- 1	55	1646	4555	3728
>17	35	11	10	4	4	4	4	2	6	3	2	3	2	4	2		56	540- 1	151	2077	2971	3468
>11	84	44	37	21	15	20	11	6	9	5	5	1	3	1	5		24	192- 1	303	1695	2037	3435
>7	99	55	38	31	11	8	14	15	3	1	4	1	2	3			3	192- 1	288	1003	1089	3411
>4	92	44	28	19	11		3	6		1	1	1	1	1				84- 1	216	575	628	3406

HOURS INTERVAL BETWEEN EVENTS

56

HOURS INTERVAL BETWEEN EVE

58 — 33.1N 19.9E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3479	3479
>48																				3479	3479
>41																				3517	3518
>34																		6- 1	1	3576	3582
>28	2																8	1314- 1	12	556	3643	3675
>22	6	2						2	1		1			1	2		19	1314- 1	37	1156	3508	3671
>17	25	9	8	7	4	1	7	10	1	2	4	2	1	4	2	3	48	696- 1	136	2016	3113	3502
>11	81	44	33	23	15	14	10	10	6	10	10	6	3	7	1		30	222- 1	303	1822	2226	3454
>7	115	71	41	29	14	8	9	5	9	4	1	3	3		1		5	204- 1	318	1043	1235	3412
>4	99	60	19	14	6	2	4	3	2	1	1		1		1		2	114- 1	215	542	622	3404

HOURS INTERVAL BETWEEN EVENTS

59

HOURS INTERVAL BETWEEN EVE

61 — 31.7N 32.4E

WIND SPEED	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
>64																				3477	3477
>48																				3477	3477
>41																				3477	3477
>34																				3490	3496
>28	1									1							2	1140- 1	4	256	3462	3487
>22	3	2	1					1						1			7	660- 1	15	448	3422	3488
>17	7	3	1			1	2	1					1	1			29	654- 1	46	1179	3381	3552
>11	55	15	29	9	8	12	9	8	3	6	14	7	7	7	4		34	324- 1	227	2017	2732	3450
>7	103	68	42	19	29	17	16	6	10	10	5	6	4	6	2		13	258- 1	351	1628	1760	3416
>4	113	65	30	17	20	11	10	3	6	4	6	3		1	2	4		174- 1	299	1003	1059	3408

HOURS INTERVAL BETWEEN EVENTS

62

HOURS INTERVAL BETWEEN EVE

44 35.9N 16.8E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																2	SEA-2	2	736	3656	3656
>48																2	SEA-2	2	736	3694	3695
>41																3	SEA-2	3	973	3928	3933
>34			1													7	1536-1	8	853	3631	3644
>28	1	4	1	1				1								18	1998-1	26	1579	3826	3880
>22	8	1	10	1	3	2	2	1	2	1		1	1	3	1	42	690-1	87	2057	3333	3544
>17	36	18	17	8	10	9	7	1	9	6	1	5	5	3	7	43	684-1	191	2198	2975	3528
>11	109	44	33	22	17	13	19	3	8	5	5	4	5	5	3	23	312-1	318	1704	1992	3468
>7	98	58	24	32	13	11	6	5	4	5	4		2		2	11	276-1	275	1068	1173	3438
>4	47	40	22	24	14	4	4	3	7	5	3	1		2		6	276-1	222	800	880	3417

HOURS INTERVAL BETWEEN EVENTS

45 35.2N 26.6E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																2	SEA-2	2	736	3656	3656
>48																2	SEA-2	2	736	3914	3915
>41																4	SEA-2	4	984	3808	3814
>34	1		1			1										9	2130-1	12	1352	3971	4005
>28	9	5	2	2										1		29	1938-1	48	1742	3665	3796
>22	22	5	9	4	1	4	6	2	2	6		3	1	2	2	45	1434-1	114	2082	3266	3655
>17	61	20	14	13	4	9	9	7	6	5	4	2	1	4	4	42	600-1	205	1992	2697	3489
>11	75	34	29	14	15	10	15	6	13	5	2	4	4	2	4	28	366-1	260	1634	1831	3439
>7	75	53	21	18	11	12	7	6	4	4	3	4	2	1	1	14	216-1	236	1062	1114	3417
>4	79	41	12	13	11	10	4	5	7	2	2	1	2	3	2	6	180-1	200	783	813	3417

HOURS INTERVAL BETWEEN EVENTS

47 35.2N 19.2E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																2	SEA-2	2	736	3656	3656
>48																2	SEA-2	2	736	3656	3656
>41																2	SEA-2	2	736	3736	3739
>34																6	2022-1	6	902	3718	3731
>28	3		2			1			2			1				20	1314-1	29	1479	3656	3721
>22	9	7	6	7	1	9	5	2	1	1	2	1			2	42	696-1	89	1998	3386	3614
>17	38	12	14	9	14	4	9	11	5	1	2	5	4	2	4	48	666-1	183	2112	3004	3537
>11	81	49	41	28	14	16	8	9	4	6	10	6	4	3	1	24	288-1	310	1752	2024	3451
>7	124	51	39	17	16	10	11	6	3	3	3		2		2	6	192-1	292	941	1026	3445
>4	109	32	13	9	10	7	2	4	2	1		1			1	1	108-1	186	453	487	3421

HOURS INTERVAL BETWEEN EVENTS

48 35.1N 20.8E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																2	SEA-2	2	736	3656	3656
>48																2	SEA-2	2	736	3656	3656
>41																2	2022-1	2	575	3808	3811
>34		1														5	2022-1	6	765	3767	3783
>28	2	3	1							1						19	1530-1	26	1392	3695	3750
>22	13	6	5	4	3	3		3	1	2		3	1	1		37	702-1	82	1774	3381	3576
>17	14	16	10	16	8	8	2	3	4	3	5		5		4	58	672-1	156	2146	2978	3475
>11	82	49	35	27	13	16	13	6	11	9	7	11	8	4	2	22	384-1	315	1826	2057	3424
>7	118	57	33	22	17	9	10	4	10	2	4	3	1	2	1	7	168-1	300	1053	1185	3419
>4	119	39	18	12	12	4	4	3	3	1	2	3	2			3	168-1	225	621	671	3419

HOURS INTERVAL BETWEEN EVENTS

50 34.0N 30.5E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																2	SEA-2	2	736	3655	3655
>48																2	SEA-2	2	736	3655	3655
>41																2	SEA-2	2	736	3655	3655
>34																5	SEA-2	5	1184	3863	3872
>28	1	1	1													8	2028-1	11	1097	3766	3801
>22	3	2		2				1			1		2			21	930-1	34	1192	3496	3625
>17	15	4	6	4	1	5	3	2		3	3	3	2		1	36	744-1	88	1702	3242	3559
>11	52	24	22	11	9	3	13	11	9	7	5	6	6	5	1	45	546-1	224	2074	2512	3448
>7	75	44	34	19	20	29	17	5	7	11	2	5	1	4	2	18	198-1	371	1515	1619	3436
>4	119	55	25	26	12	9	12	6	4	3	1	1		2	1	8	138-2	272	910	937	3429

HOURS INTERVAL BETWEEN EVENTS

51 33.5N 33.6E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																2	SEA-2	2	736	3655	3655
>48																2	SEA-2	2	736	3655	3655
>41																2	SEA-2	2	736	3673	3674
>34																2	SEA-1	2	709	3645	3647
>28		1			1											5	SEA-1	7	797	3626	3644
>22	4		2			1		1			1			1		11	1818-1	21	1099	3565	3626
>17	9	1				3	3	2					1	1	2	27	1476-1	49	1690	3459	3617
>11	31	20	18	11	6	7	6	8	8	10	4	4	1	1	2	46	576-1	189	2288	2945	3493
>7	90	62	51	23	15	19	24	9	12	8	5	5	1	3	3	23	228-1	353	1851	2010	3435
>4	116	51	39	17	15	14	8	5	10	2	7	5		1	1	9	180-2	300	1139	1179	3420

HOURS INTERVAL BETWEEN EVENTS

53 33.3N 31.1E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																1	SEA-1	1	368	3482	3482
>48																1	SEA-1	1	368	3482	3482
>41																1	SEA-1	1	368	3481	3482
>34																3	SEA-1	4	532	3492	3501
>28																8	2028-1	10	869	3659	3712
>22	4															17	930-1	25	1140	3506	3612
>17	14	2	1	3	2	3	2		1	3	3	3	1	2		29	726-1	69	1401	3274	3533
>11	55	22	19	5	13	12	6	7	9	7	4	5	6	5	1	44	414-1	220	2086	2607	3441
>7	88	71	28	22	11	15	11	9	8	12	2	2	3	9	7	18	246-1	322	1617	1749	3437
>4	81	71	29	15	11	16	7	7	9	2	2	3	1	1	3	4	180-1	264	957	1007	3415

HOURS INTERVAL BETWEEN EVENTS

54 34.0N 12.7E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3481	3481
>48																				3481	3481
>41																				3481	3481
>34	1																6-1	1	1	3697	3703
>28		2								1						7	546-1	10	362	3820	3848
>22	4	2	1		2	2		2			1				1	20	834-1	35	1053	3474	3592
>17	25	12	8	5	6	3	4	3	3	2	2		2		4	42	522-1	121	1873	3174	3548
>11	57	32	24	14	15	16	7	9	7	8	8	6	5	5	4	31	318-1	248	1827	2338	3482
>7	92	71	28	31	18	14	7	8	4	7	5	2	3		2	12	180-2	304	1236	1456	3429
>4	106	66	33	16	15	7	7	5	3	8	2	1	1		1	2	126-1	273	817	959	3423

HOURS INTERVAL BETWEEN EVENTS

56 33.6N 22.3E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3481	3481
>48																				3481	3481
>41																				3481	3481
>34	1																6-1	1	1	4020	4029
>28	2	1								1	1				1	8	1188-1	14	743	3784	3817
>22	9	3	3	1		1	2		3		2		1	1	2	26	780-1	54	1368	3523	3658
>17	14	15	8	1	7	7	5	2	5	3	6	5	3	3		51	702-1	141	2032	3073	3487
>11	98	44	39	17	21	15	11	7	5	1	9	5	5	4	2	32	306-1	321	1851	2189	3447
>7	111	64	41	33	18	15	9	3	5	3	6		1	1	1	8	156-1	309	1096	1231	3429
>4	93	51	24	10	4	11	5	3	3			1		2		2	120-1	214	580	628	3409

HOURS INTERVAL BETWEEN EVENTS

57 33.2N 18.3E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3479	3479
>48																				3479	3479
>41																				3516	3518
>34																2	396-1	2	93	3572	3582
>28	1	1							1							7	1320-1	10	575	3653	3685
>22	6	2	1	1	1			3			2		1		2	30	1314-1	49	1536	3435	3572
>17	29	9	11	5	3	6	4	5	1	4	4		3	10	4	50	456-1	148	2042	3067	3484
>11	84	52	39	28	14	20	12	8	5	6	14	9	2	3	3	21	228-1	320	1667	2079	3444
>7	106	55	30	29	16	13	5	11	3	3		2	4			7	192-1	284	974	1143	3433
>4	89	30	18	13	15	4	5	2		1	2	1		1	1	3	168-1	185	541	676	3418

HOURS INTERVAL BETWEEN EVENTS

59 32.6N 26.2E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3478	3478
>48																				3478	3478
>41																				3478	3478
>34																2	666-1	2	200	3599	3610
>28	5		1							1			1			10	1098-1	19	722	3614	3681
>22	1	5	5	2	1		2	1		1	4	3	1		1	25	666-1	62	1217	3360	3564
>17	10	9	9	1	1	7	4	3	6		7	2	2	3	3	31	528-1	118	1534	3047	3519
>11	11	36	20	13	11	11	9	4	6	8	7	5	3	2	2	30	354-1	254	1733	2237	3419
>7	105	53	27	21	11	9	5	5	5	9	7	2	1	2	1	11	216-1	273	1118	1394	3409
>4	91	47	13	13	8	8	4	6	3	3	3	1		4	1	6	162-1	211	745	841	3409

HOURS INTERVAL BETWEEN EVENTS

60 32.2N 29.3E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3478	3478
>48																				3478	3478
>41																				3476	3478
>34		1														2	528-1	3	162	3483	3497
>28	3	1					1		1				1			8	1140-1	15	654	3572	3627
>22	8		1	1	1		2		2		1	2	1	1		19	654-1	39	885	3399	3543
>17	20	7	4	3		4	3	2	4	1	4	3	2	1	1	30	480-1	89	1327	3128	3468
>11	61	25	13	10	14	9	9	13	3	5	6	5	7	6	5	35	432-1	226	1980	2469	3438
>7	101	51	33	22	14	15	11	5	6	7	3	3	1	2	2	19	288-1	295	1403	1591	3409
>4	117	61	16	19	13	11	7	11	1	1	1	5	1	2	2	6	186-1	274	922	982	3404

HOURS INTERVAL BETWEEN EVENTS

62 32.6N 15.9E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3477	3477
>48																				3477	3477
>41																				3477	3477
>34	1																6-1	1	1	3474	3477
>28	2															1	138-1	3	25	3495	3516
>22	4	1				1		1							1	21	534-1	31	839	3448	3559
>17	26	9	6	6	2	4	2	1	4	2	2	2	1		2	49	546-1	118	1846	3167	3518
>11	17	46	27	16	18	19	19	9	5	8	9	2	6	4	9	20	192-1	294	1703	2210	3425
>7	99	81	44	16	15	18	10	5	4	4	3	2	3	2	1	5	114-1	312	1052	1230	3415
>4	89	54	33	13	9	9	7	6	5	1	2	3			3	2	216-1	236	757	848	3404

HOURS INTERVAL BETWEEN EVENTS

63 31.2N 18.9E

Wind speed (kt)	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
>64																				3398	3398
>48																				3398	3398
>41																				3398	3398
>34	1																			3395	3398
>28	1								1							1	330-1	3	65	3443	3457
>22	2		2	1	1			1			1					11	510-1	19	477	3493	3562
>17	26	7	4	3	2	5	3	3	2	3	1		2	2	3	37	630-1	103	1716	3232	3511
>11	67	32	25	22	17	13	11	5	6	9	9	5	6	2	5	31	360-1	265	1837	2328	3427
>7	111	52	47	25	20	8	9	10	3	4	1	4	4	3		8	258-1	309	1192	1373	3401
>4	108	38	13	17	12	5	5	2	1	2	3	1	2	1		3	192-1	213	613	695	3399

HOURS INTERVAL BETWEEN EVENTS

ANNUAL

1 — 43.9N 8.9E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13076	13079
≥41	2	1			1	1						1	1				77.00 - 1	7	510	13060	13079
≥34	2		1		1	1	1		1	1	2	2	1	1			99.25 - 1	14	1312	13013	13079
≥28	3	2		1	2	5	4	3	8	11	4	7	1				79.50 - 1	51	2832	12912	13079
≥22	20	10	5	8	16	15	8	16	32	29	10	6	1				67.50 - 1	176	5609	12625	13079
≥17	61	35	24	19	48	48	23	28	64	48	11	5					50.75 - 1	414	8364	12002	13079
≥11	213	117	85	62	164	102	50	41	78	26	3						25.00 - 1	941	8375	10160	13079
≥7	433	249	163	104	229	108	57	30	31	4							12.50 - 1	1408	6737	7421	13079
≥4	525	219	143	93	164	65	39	11	10	2							11.50 - 1	1271	4584	5021	13079

DAYS INTERVAL BETWEEN EVENTS

2 — 43.3N 15.3E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13079	13079
≥41																	0.00 - 0			13074	13079
≥34																	0.00 - 0			13062	13079
≥28	2	1						1	5	6	2	3	1	1			113.75 - 1	22	2178	12996	13079
≥22	14	3	1	1	6	3	5	6	17	19	11	7	1				75.50 - 1	94	4237	12830	13079
≥17	22	6	9	4	28	21	11	17	37	33	13	5					36.75 - 1	206	5751	12452	13079
≥11	111	50	48	34	109	73	51	34	75	31	8	2					40.75 - 1	626	8210	11237	13079
≥7	185	113	118	90	218	104	72	28	66	19	1						21.75 - 1	1014	8030	9457	13079
≥4	254	161	129	102	227	105	65	32	52	10							16.25 - 2	1132	7324	8455	13079

DAYS INTERVAL BETWEEN EVENTS

4 — 42.5N 6.3E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13075	13079
≥41	1								2			1	1	1			105.00 - 1	6	971	13049	13079
≥34	1	1	5	1	5	4	1	3	9	15	5	8	2				97.00 - 1	75	3834	12937	13079
≥28	32	11	22	7	16	20	13	19	48	43	8	6		1			96.75 - 1	246	6896	12594	13079
≥22	116	43	37	26	60	49	43	31	82	50	4	3					52.50 - 1	544	8543	11738	13079
≥17	229	113	59	44	135	89	55	49	78	32	1	2					36.25 - 1	886	8495	10304	13079
≥11	132	196	129	72	216	108	50	34	43	5	1						23.50 - 1	1186	6667	7449	13079
≥7	447	252	139	78	163	58	36	11	12	1							10.25 - 1	1197	4360	4681	13079
≥4	360	196	85	69	110	34	20	7	8								10.00 - 1	889	2974	3218	13079

DAYS INTERVAL BETWEEN EVENTS

5 — 41.6N 3.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13077	13079
≥41																	0.00 - 0			13073	13079
≥34		1		1	1						1	1	1				64.00 - 1	6	521	13059	13079
≥28	4	1	1	1	4	1			5	6	5	7	2				75.00 - 1	37	2652	12978	13079
≥22	21	6	9	9	19	7	9	10	38	30	15	5		1			105.00 - 1	179	5981	12694	13079
≥17	75	44	38	36	68	48	39	35	85	34	12	3					47.75 - 1	517	8485	11958	13079
≥11	373	211	147	83	231	116	71	53	58	8	2						29.25 - 1	1353	8423	9383	13079
≥7	575	301	187	131	213	62	35	17	20								9.75 - 1	1541	5526	5954	13079
≥4	515	243	151	79	137	37	26	8	9								7.75 - 1	1205	3705	3949	13079

DAYS INTERVAL BETWEEN EVENTS

7 — 42.0N 9.9E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13078	13079
≥41	1								1		1		1				85.75 - 1	4	478	13067	13079
≥34	1		2	1		2		2	2	2	1	3					44.75 - 1	16	829	13031	13079
≥28	8		4	1	2	5	5	6	11	8	5	6	1				75.00 - 1	62	2973	12927	13079
≥22	13	8	6	7	15	11	10	15	35	34	11	2	1				76.00 - 1	168	5371	12650	13079
≥17	53	26	25	18	38	49	33	16	80	41	6	3					56.75 - 1	388	7596	12122	13079
≥11	166	107	65	54	150	101	69	37	99	27	1						23.00 - 1	876	8650	10388	13079
≥7	314	177	138	87	222	96	53	40	60	8							14.25 - 1	1195	7329	8134	13079
≥4	420	214	136	102	200	85	47	24	37	3							12.00 - 1	1268	6044	6696	13079

DAYS INTERVAL BETWEEN EVENTS

8 — 41.1N 5.5E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48	1	1		1					1		1			1			139.25 - 1	6	690	13058	13079
≥41	4	5	1	3	4	1	1	1	1	5	4	3	2				86.25 - 1	35	1946	12983	13079
≥34	14	8	2	1	10	4	5	3	16	22	6	9	1	1			95.25 - 1	102	4776	12790	13079
≥28	45	29	13	13	23	19	16	14	59	29	9	7					40.75 - 1	276	6242	12324	13079
≥22	109	48	37	22	71	44	49	38	81	36	7	3					37.25 - 1	545	8034	11319	13079
≥17	195	125	81	54	162	77	70	43	77	22	4						25.50 - 1	910	8146	9805	13079
≥11	442	195	128	84	181	99	49	25	32	2							16.75 - 1	1237	5863	6511	13079
≥7	410	197	101	86	157	57	22	7	9								9.25 - 1	1046	3653	3941	13079
≥4	310	148	78	65	120	44	15	7	2								6.25 - 1	789	2665	2890	13079

DAYS INTERVAL BETWEEN EVENTS

10 — 40.3N 3.8E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13077	13079
≥41																	0.00 - 0			13076	13079
≥34	1						1			2		1					54.75 - 1	5	350	13063	13079
≥28	4	1	2			2	1	1	4	9	6	3					45.75 - 1	33	1758	13009	13079
≥22	27	8	7	7	20	18	15	8	42	38	7	4		1			96.50 - 1	202	5831	12725	13079
≥17	95	51	58	28	73	38	41	37	66	38	6	3					33.75 - 1	534	7478	11960	13079
≥11	358	192	164	70	210	98	59	35	74	16	2						23.50 - 1	1278	8367	9430	13079
≥7	525	300	197	89	234	82	43	23	18								9.50 - 1	1511	5881	6282	13079
≥4	469	266	147	80	171	50	27	13	6								7.00 - 1	1231	4101	4344	13079

DAYS INTERVAL BETWEEN EVENTS

11 — 40.7N 11.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48	1																0.25 - 1	1	1	13075	13079
≥41										1							12.50 - 1	1	50	13066	13079
≥34	1					1		2	4	1		3					59.75 - 1	12	831	13040	13079
≥28	3			1	2	2	1	3	12	6	2	7					53.50 - 1	39	2328	12964	13079
≥22	15	8	7	7	15	7	9	15	34	31	11	8					44.75 - 1	167	5679	12679	13079
≥17	81	46	31	31	66	42	28	33	80	43	7	4					49.50 - 1	492	8172	11964	13079
≥11	282	132	105	78	171	127	65	42	76	17							18.25 - 1	1095	8236	9695	13079
≥7	373	238	145	109	240	92	51	24	29	4							13.75 - 1	1305	6337	6820	13079
≥4	380	211	139	94	204	71	34	14	16	3							10.25 - 3	1166	4878	5248	13079

DAYS INTERVAL BETWEEN EVENTS

13 — 40.1N 24.9E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13078	13079
≥41													1				74.75 - 1	1	299	13073	13079
≥34							1			1		2	1				63.25 - 1	5	617	13052	13079
≥28	7	1	2	1	1	1	1	1	4	7	3	6	2				85.75 - 1	37	2349	12973	13079
≥22	29	5	7	2	10	7	7	9	34	24	10	6	1				66.25 - 1	151	4916	12701	13079
≥17	55	31	23	16	34	29	25	20	75	44	7	3					41.00 - 1	362	7277	12087	13079
≥11	190	111	75	46	154	99	55	46	101	20	4						25.50 - 1	901	8781	10283	13079
≥7	261	202	162	100	268	116	57	36	49	4							15.50 - 1	1255	7400	7993	13079
≥4	340	238	171	108	276	106	33	30	30	1							11.00 - 1	1333	6339	6786	13079

DAYS INTERVAL BETWEEN EVENTS

14 — 39.5N 2.2E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13079	13079
≥41																	0.00 - 0			13079	13079
≥34												1					37.50 - 1	1	150	13068	13079
≥28	3	2	1	1	3			1	8	6	6	4					40.00 - 1	35	1813	13004	13079
≥22	16	6	8	6	14	5	4	6	22	17	10	8					47.50 - 1	122	4290	12805	13079
≥17	72	32	42	19	54	21	22	21	52	45	10	4		1			98.00 - 1	395	7495	12234	13079
≥11	228	145	113	42	146	90	71	41	83	24	4	1					31.50 - 1	988	8798	10348	13079
≥7	383	234	181	95	227	109	59	32	48	5							11.25 - 1	1373	7246	7808	13079
≥4	468	288	156	102	196	96	34	19	24								9.50 - 1	1383	5585	5993	13079

DAYS INTERVAL BETWEEN EVENTS

16 — 39.8N 7.4E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13073	13079
≥41	3	1			1			1		3	1	1	1				83.75 - 1	12	845	13050	13079
≥34	6	3	2	2	1	2	3		10	9	5	7	1	1			100.50 - 1	52	3341	12948	13079
≥28	23	7	7	5	12	13	11	8	32	23	10	8	1	1			101.75 - 1	161	5456	12685	13079
≥22	67	33	14	12	47	29	36	29	69	44	5	4					38.00 - 1	389	7456	12014	13079
≥17	135	72	56	36	113	65	48	44	85	37	6						28.25 - 1	697	8533	10806	13079
≥11	353	207	118	87	201	109	64	34	47	7							14.25 - 1	1227	7002	7834	13079
≥7	443	233	148	80	188	68	34	12	10								7.75 - 2	1216	4466	4767	13079
≥4	388	178	95	54	131	48	14	4	4								6.00 - 1	916	2920	3115	13079

DAYS INTERVAL BETWEEN EVENTS

17 — 39.3N 15.2E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13079	13079
≥41																	0.00 - 0			13077	13079
≥34	1								1					1			90.50 - 1	3	400	13065	13079
≥28	2				1		1	3	3	3	1	4		1			90.25 - 1	19	1504	13024	13079
≥22	9	3	2	3	4	8	7	5	14	19	10	5	1				86.50 - 1	90	4081	12863	13079
≥17	32	21	22	11	24	22	13	17	50	29	9	4					46.50 - 1	254	5742	12476	13079
≥11	122	101	73	42	78	73	55	34	93	28	4	2					38.50 - 1	705	8190	11116	13079
≥7	304	170	122	71	196	117	68	33	[illegible]	8	2						24.50 - 1	1148	7524	8753	13079
≥4	373	188	122	63	188	97	40	20	47	4	1						24.25 - 1	1163	6183	7012	13079

DAYS INTERVAL BETWEEN EVENTS

19 — 38.0N 0.7E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13079	13079
≥41																	0.00 - 0			13078	13079
≥34		1							3	1		1					44.25 - 1	6	308	13051	13079
≥28	2		3	1	1	1	1	1	5	4	3	6	1	1			128.25 - 1	30	2492	12981	13079
≥22	15	16	9	1	13	6	10	6	22	31	16	9					52.50 - 1	154	5917	12704	13079
≥17	61	43	44	22	63	48	38	20	86	52	14	1					37.50 - 1	492	9059	11919	13079
≥11	313	170	116	83	210	124	67	39	80	8	1						21.75 - 1	1211	8276	9376	13079
≥7	444	308	191	103	234	84	41	16	20	1							11.25 - 1	1440	5724	6199	13079
≥4	465	255	132	86	170	56	24	8	10								9.00 - 1	1206	4084	4329	13079

DAYS INTERVAL BETWEEN EVENTS

20 — 38.3N 4.1E

WIND SPEED (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T•	TH
≥64																	0.00 - 0			13079	13079
≥48																	0.00 - 0			13079	13079
≥41												1					40.25 - 1	1	161	13075	13079
≥34		1			1				3			3	1				74.75 - 1	9	850	13037	13079
≥28	5	1	2		2	1	3	1	12	7	11	8	1				74.75 - 1	54	3606	12927	13079
≥22	25	16	9	7	18	11	21	16	48	42	13	3					51.50 - 1	229	6564	12548	13079
≥17	100	52	37	28	76	63	35	31	88	49	7	1					32.00 - 1	567	8689	11567	13079
≥11	317	159	129	81	227	114	56	49	70	5							15.75 - 1	1207	7843	8652	13079
≥7	475	273	188	123	233	83	29	13	6								6.75 - 1	1423	5137	5466	13079
≥4	465	236	130	89	163	35	14	5	2								5.75 - 1	1139	3368	3587	13079

DAYS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS

43.3N 15.3E

MAX	TE	T	Te	TH
0.00 - 0			13079	13079
0.00 - 0			13079	13079
0.00 - 0			13074	13079
0.00 - 0			13062	13079
113.75 - 1	22	2118	12996	13079
75.50 - 1	94	4237	12830	13079
36.75 - 1	206	5751	12452	13079
40.75 - 1	626	8210	11237	13079
21.75 - 1	1014	8030	9457	13079
16.25 - 2	1132	7324	8455	13079

EVENTS

3 — 42.3N 4.5E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48				1								1					32.50 - 1	2	134	13063	13079
>41	2	1	2	2	2	1	2		2	2	3	1	1				71.00 - 1	21	936	13015	13079
>34	18	11	9	2	10	4	2	2	19	22	2	7	1				66.25 - 1	109	3552	12823	13079
>28	57	28	11	13	42	14	14	17	50	31	10	10		1			93.50 - 1	298	7181	12368	13079
>22	139	57	41	21	72	51	48	39	86	31	7	3					40.75 - 1	595	8151	11362	13079
>17	227	102	67	56	156	90	67	48	73	20	2	1					36.00 - 1	909	8090	9863	13079
>11	375	207	125	101	213	102	46	29	31	2	1						23.50 - 1	1232	6220	6928	13079
>7	388	248	160	90	164	56	22	10	13								9.75 - 1	1151	4149	4406	13079
>4	351	220	124	68	123	36	16	11	1								9.75 - 1	956	3173	3333	13079

DAYS INTERVAL BETWEEN EVENTS

41.6N 3.7E

MAX	TE	T	Te	TH
0.00 - 0			13079	13079
0.00 - 0			13077	13079
0.00 - 0			13073	13079
64.00 - 1	6	521	13059	13079
75.00 - 1	37	2652	12978	13079
105.00 - 1	179	5981	12694	13079
47.75 - 1	517	8485	11958	13079
29.25 - 1	1353	8423	9383	13079
9.75 - 1	1541	5526	5954	13079
7.75 - 1	1205	3705	3949	13079

EVENTS

6 — 41.9N 8.1E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13075	13079
>41	2				2			1	1	1	1	1	2				85.75 - 1	11	1077	13057	13079
>34	1	1	1		5		2	4	9	12	2	9	1				85.50 - 1	53	3205	12971	13079
>28	28	9	3	3	22	11	11	13	30	29	11	12					53.75 - 1	182	6149	12714	13079
>22	93	24	26	18	45	32	27	17	75	49	11	3					39.25 - 1	420	8078	12079	13079
>17	148	61	47	28	86	64	51	34	107	42	2						29.75 - 1	665	8603	11062	13079
>11	304	108	105	82	184	103	60	44	74	8							14.75 - 1	1072	7534	8721	13079
>7	410	232	137	92	202	81	36	23	27	2							12.75 - 1	1242	5459	5983	13079
>4	392	180	123	72	141	49	23	9	15	1							11.25 - 1	1005	3690	3986	13079

DAYS INTERVAL BETWEEN EVENTS

41.1N 5.5E

MAX	TE	T	Te	TH
0.00 - 0			13079	13079
139.25 - 1	6	690	13058	13079
86.25 - 1	35	1946	12983	13079
95.25 - 1	102	4776	12790	13079
40.75 - 1	276	6242	12324	13079
37.25 - 1	545	8034	11319	13079
25.50 - 1	910	8146	9805	13079
16.75 - 1	1237	5863	6511	13079
9.25 - 1	1046	3653	3941	13079
6.25 - 1	789	2665	2890	13079

EVENTS

9 — 40.1N 1.2E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13077	13079
>41								1									5.00 - 1	1	20	13073	13079
>34								1	2	2		2					44.00 - 1	7	536	13053	13079
>28	5	3	3	1	3	2		3	6	7	1	4	2				65.00 - 1	40	2046	12995	13079
>22	29	12	10	6	17	10	6	13	26	28	7	5					44.00 - 1	169	4446	12747	13079
>17	97	41	39	17	54	39	27	31	55	45	12	5					36.25 - 1	462	7971	12089	13079
>11	336	178	122	68	198	118	66	37	77	19							19.75 - 1	1219	8515	9748	13079
>7	411	305	115	112	227	108	42	19	20	3							12.25 - 1	1482	6181	6611	13079
>4	514	313	190	106	198	72	17	11	10	1							10.50 - 1	1430	4814	5107	13079

DAYS INTERVAL BETWEEN EVENTS

40.7N 11.7E

MAX	TE	T	Te	TH
[illegible]			13079	13079
[illegible]	1	1	13075	13079
12.50 - 1	1	50	13066	13079
54.75 - 1	12	831	13040	13079
53.50 - 1	39	2328	12964	13079
44.75 - 1	167	5679	12679	13079
49.50 - 1	492	8172	11964	13079
18.25 - 1	1095	8236	9695	13079
13.75 - 1	1305	6337	6820	13079
17.25 - 3	1166	4878	5248	13079

EVENTS

12 — 40.6N 18.8E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13072	13079
>41											1						22.25 - 1	1	89	13061	13079
>34	1	1						1	5	1	2	2					38.00 - 1	13	673	13020	13079
>28	4				1	2	4	3	6	11	4	5	2				68.00 - 1	42	2868	12944	13079
>22	15	6	7	2	13	21	12	14	28	20	14	6					40.75 - 1	158	5134	12703	13079
>17	57	28	24	10	51	42	35	27	65	39	12	3					48.50 - 1	393	7594	12107	13079
>11	191	137	85	58	177	134	71	33	75	28	1						21.25 - 1	960	8363	10211	13079
>7	350	239	171	90	217	109	53	30	42	3							13.50 - 1	1304	6821	7586	13079
>4	398	222	129	71	134	91	41	26	16	1							12.25 - 1	1189	5192	5651	13079

DAYS INTERVAL BETWEEN EVENTS

39.5N 2.2E

MAX	TE	T	Te	TH
[illegible]			13079	13079
0.00 - 0			13079	13079
0.00 - 0			13079	13079
37.50 - 1	1	150	13068	13079
40.00 - 1	35	1813	13004	13079
47.50 - 1	122	4290	12805	13079
38.00 - 1	395	7495	12234	13079
31.50 - 1	988	8798	10348	13079
11.25 - 1	1373	7246	7808	13079
4.50 - 1	1389	5585	5993	13079

EVENTS

15 — 39.8N 5.7E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13075	13079
>41	1									1	1	1		1			139.25 - 1	5	939	13055	13079
>34	6	1	2	1	2	3	1	2	10	7	2	4	3				86.25 - 1	44	2654	12969	13079
>28	17	9	7	4	8	7	10	8	25	19	7	9					55.25 - 1	130	4487	12763	13079
>22	56	36	19	13	43	32	26	29	64	30	6	4		1			95.50 - 1	359	6757	12141	13079
>17	118	83	44	36	101	55	62	44	81	34	5						30.00 - 1	663	8210	10901	13079
>11	363	158	110	83	199	108	60	34	51	8							18.75 - 1	1174	6954	7891	13079
>7	403	230	149	68	196	70	33	8	12	2							11.75 - 1	1171	4515	4930	13079
>4	359	192	87	61	112	41	14	9	5	1							10.25 - 1	901	2995	3244	13079

DAYS INTERVAL BETWEEN EVENTS

39.3N 15.2E

MAX	TE	T	Te	TH
0.00 - 0			13079	13079
0.00 - 0			13079	13079
0.00 - 0			13077	13079
90.50 - 1	3	400	13065	13079
90.25 - 1	19	1504	13024	13079
86.50 - 1	90	4081	12863	13079
46.50 - 1	254	5742	12476	13079
38.50 - 1	705	8190	11116	13079
24.50 - 1	1148	7524	8753	13079
24.25 - 1	1163	6183	7012	13079

EVENTS

18 — 39.3N 17.8E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13078	13079
>41											1						21.25 - 1	1	85	13068	13079
>34								2	2	3							16.25 - 1	7	271	13042	13079
>28	7	3	2	2	2	1	3	1	12	8	7	6	2				65.00 - 1	56	3012	12940	13079
>22	15	12	8	5	13	9	16	4	38	22	11	4					50.25 - 1	157	4760	12659	13079
>17	81	31	28	18	56	50	39	27	75	32	13	3					49.25 - 1	453	7871	11926	13079
>11	227	132	117	53	186	109	70	44	71	17							18.75 - 1	1026	8039	9512	13079
>7	322	254	146	116	227	111	38	27	30	3							14.50 - 1	1274	6199	6773	13079
>4	395	239	138	100	190	72	31	15	20								9.25 - 1	1200	4802	5185	13079

DAYS INTERVAL BETWEEN EVENTS

38.3N 4.1E

MAX	TE	T	Te	TH
0.00 - 0			13079	13079
0.00 - 0			13079	13079
40.25 - 1	1	161	13075	13079
14.75 - 1	9	850	13037	13079
14.75 - 1	54	3606	12927	13079
51.50 - 1	229	6564	12548	13079
32.00 - 1	567	8689	11567	13079
15.75 - 1	1207	7843	8652	13079
6.75 - 1	1423	5137	5466	13079
4.75 - 1	1139	3368	3587	13079

EVENTS

21 — 38.5N 7.5E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13073	13079
>41			1							1	1						28.75 - 1	3	182	13058	13079
>34	2	3			2		1	2	7	7	6	6		1			94.25 - 1	37	2721	12978	13079
>28	17	8	8	8	9	8	11	5	26	19	11	9		1			101.50 - 1	140	5292	12724	13079
>22	52	29	21	16	41	30	25	22	75	31	11	2					35.75 - 1	355	6916	12085	13079
>17	153	73	76	40	114	67	52	50	92	30	4	2					38.00 - 1	753	8583	10751	13079
>11	373	198	130	94	209	114	63	46	36	4							12.75 - 2	1267	6885	7573	13079
>7	426	257	148	94	180	50	20	15	8	2							12.50 - 1	1200	4247	4548	13079
>4	354	188	85	59	119	38	11	5	4	1							10.75 - 1	864	2761	2944	13079

DAYS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

22 38.6N 9.2E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13079	13079
>48																	0.00-0			13078	13079
>41						1			1	2	1	1					80.50-1	6	786	13057	13079
>34	5	2	2	1	5	3	3	2	5	10	6	6					59.00-1	50	2553	12956	13079
>28	19	11	5	6	13	7	9	6	30	28	12	5	1				68.00-1	152	5294	12715	13079
>22	65	39	33	15	45	37	32	39	68	35	8	4					37.00-1	420	7466	12050	13079
>17	141	103	70	25	129	88	60	38	87	31	7	1					36.75-1	781	8828	10862	13079
>11	308	207	132	74	220	113	56	42	56	5							14.25-1	1213	7240	8072	13079
>7	391	236	135	84	189	65	42	18	18	2							11.75-1	1180	4893	5297	13079
>4	389	188	102	53	128	50	20	8	4	2							11.00-1	944	3199	3453	13079

DAYS INTERVAL BETWEEN EVENTS

23

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

25 38.6N 18.6E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13079	13079
>48																	0.00-0			13078	13079
>41									1								20.75-1	1	83	13063	13079
>34		1				1		1	1	2	1	3	1				88.00-1	11	1190	13035	13079
>28	5	4	1	2	5	1	5	1	16	11	9	8	1				65.00-1	69	3532	12900	13079
>22	25	10	13	10	27	25	18	13	51	21	17	4					40.75-1	234	5972	12483	13079
>17	89	57	38	26	101	47	49	39	83	41	9	2					43.75-1	581	8764	11461	13079
>11	287	152	114	79	217	119	73	41	50	10							14.75-1	1142	7509	8400	13079
>7	395	225	137	108	202	84	33	12	17								9.00-1	1213	4927	5222	13079
>4	366	235	121	94	154	60	22	6	10								7.50-2	1268	3808	4045	13079

DAYS INTERVAL BETWEEN EVENTS

26

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

28 36.0N 35.2E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13075	13075
>48																	0.00-0			13075	13075
>41																	0.00-0			13074	13075
>34									1								19.50-1	1	78	13066	13075
>28	1	1				1			1	3	1	2	1				70.50-1	11	1001	13041	13075
>22	3	6		3	1	2	2	1	3	13	6	10					58.25-1	51	3493	12958	13075
>17	26	15	6	4	11	17	19	10	38	25	14	5					53.75-1	190	5552	12642	13075
>11	126	79	57	31	109	85	54	31	91	28	6						20.00-1	697	8191	11254	13075
>7	290	241	148	91	235	101	77	33	49	8							17.25-1	1273	7530	8618	13075
>4	576	266	145	102	199	83	45	19	28	3							13.25-1	1466	5900	6470	13075

DAYS INTERVAL BETWEEN EVENTS

29

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

31 37.1N 5.9E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13075	13075
>48																	0.00-0			13075	13075
>41																	0.00-0			13071	13075
>34									1								10.25-1	1	41	13058	13075
>28	1	2		1	1	1	1	2	4	3	3	9					57.00-1	28	2360	12998	13075
>22	17	6	4	6	13	9	13	8	17	19	5	9					63.00-1	127	4509	12797	13075
>17	65	36	24	10	47	35	25	20	55	41	12	4					62.25-1	375	7457	12260	13075
>11	300	161	127	86	230	107	61	44	70	21							19.00-1	1207	8594	9939	13075
>7	582	365	189	138	232	65	42	15	17								8.75-1	1645	5832	6220	13075
>4	555	254	128	63	119	37	9	5	5								6.25-2	1176	3136	3347	13075

DAYS INTERVAL BETWEEN EVENTS

32

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

34 36.4N 28.5E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13071	13071
>48																	0.00-0			13070	13071
>41																	0.00-0			13070	13071
>34									2	1		1					36.50-1	4	245	13057	13071
>28	4	2			2		2	1	5	3	2	2	1				70.75-1	24	1183	13016	13071
>22	11	8	5	2	12	4	8	11	25	28	3	5	1				76.75-1	123	4238	12787	13071
>17	78	57	48	30	43	40	40	27	88	46	4	2					34.25-1	503	7949	11921	13071
>11	335	178	129	44	181	104	60	36	77	10							17.00-1	1154	7600	8726	13071
>7	350	211	142	68	203	93	37	17	25	1							10.75-1	1147	5205	5611	13071
>4	338	190	108	77	159	52	22	9	11								9.00-1	964	3626	3869	13071

DAYS INTERVAL BETWEEN EVENTS

35

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

37 36.5N 19.3E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13069	13069
>48																	0.00-0			13067	13069
>41																	0.00-0			13058	13069
>34	1					1	3	2	3	1	4	5	1				74.75-1	21	1716	13007	13069
>28	5	3	7	2	6	6	5	5	19	15	7	9					53.00-1	89	3801	12869	13069
>22	26	29	20	7	36	21	23	12	60	27	7	4					49.25-1	272	5755	12383	13069
>17	120	58	51	36	101	65	46	42	87	25	6	1	1				82.00-1	639	8209	11396	13069
>11	368	179	121	92	195	116	59	38	55	5							35.00-1	1229	7243	8352	13069
>7	427	264	149	95	174	77	40	16	12								9.25-1	1254	4855	5161	13069
>4	354	206	97	59	131	52	18	9	6								9.00-1	934	3216	3442	13069

DAYS INTERVAL BETWEEN EVENTS

38

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

40 36.0N 25.9E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	T_e	T_H
>64																	0.00-0			13068	13068
>48																	0.00-0			13067	13068
>41				1						2		2					57.75-1	5	547	13060	13068
>34	4	2	3	1	2				2	4	7	9	4	1			69.75-1	39	2438	12956	13068
>28	26	16	7	5	8	10	5	11	30	37	7	7	1				65.75-1	170	5631	12584	13068
>22	98	54	28	12	48	48	35	27	81	44	7	1					34.50-1	483	7571	11452	13068
>17	163	83	59	26	110	74	56	37	90	26	4	1					33.75-1	729	7860	9800	13068
>11	304	141	104	68	186	107	55	29	43	3							15.25-1	1040	6139	6911	13068
>7	368	205	132	87	165	56	23	14	14								8.00-2	1064	4058	4352	13068
>4	311	148	83	72	92	30	17	6	4								8.00-1	763	2475	2655	13068

DAYS INTERVAL BETWEEN EVENTS

41

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28																
>22																
>17																
>11																
>7																
>4																

DAYS INTERVAL BETWEEN EVENT

23 — 38.6N 10.9E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13078	13079
>48	1																0.25 - 1	1	1	13073	13079
>41	1	2								2	1			1			137.50 - 1	7	765	13048	13079
>34	1	1	2	1	6		3	2	9	11	4	9					59.00 - 1	55	3147	12940	13079
>28	11	11	8	7	17	7	7	10	33	23	7	8	1				67.75 - 1	156	5065	12701	13079
>22	65	37	27	19	42	30	23	25	68	3	7	1					41.75 - 1	387	7290	12073	13079
>17	130	85	60	40	101	62	48	35	92	31	3	1					30.25 - 1	688	8007	10909	13079
>11	328	178	132	57	191	106	65	23	53	14							16.50 - 1	1147	7019	7938	13079
>7	390	213	137	90	178	66	26	15	23	2							11.50 - 1	1140	4672	5062	13079
>4	343	183	103	61	121	42	23	5	10	1							11.00 - 1	892	3144	3351	13079

DAYS INTERVAL BETWEEN EVENTS

24 — 38.7N 12.6E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13079	13079
>48																	0.00 - 0			13075	13079
>41								2		1							16.25 - 1	3	102	13060	13079
>34	4	1			3		2	1	5	8	4	4					54.75 - 1	32	1782	12996	13079
>28	18	8	4	6	13	4	9	7	24	17	4	9	1				66.00 - 1	124	4141	12780	13079
>22	44	34	23	13	46	26	19	25	49	30	7	6					56.75 - 1	322	6189	12227	13079
>17	140	72	63	35	91	43	37	36	80	31	5	3					44.75 - 1	636	7786	11196	13079
>11	311	164	134	78	159	101	56	31	61	13	1						28.50 - 1	1109	7281	8525	13079
>7	372	239	138	87	184	73	40	21	28	1							10.25 - 1	1183	5266	5807	13079
>4	370	184	101	76	136	60	26	16	15								10.00 - 1	984	3848	4160	13079

DAYS INTERVAL BETWEEN EVENTS

26 — 38.1N 25.4E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13076	13079
>48											2						23.50 - 1	6	221	13062	13079
>41	4	1							1	1	2						23.25 - 1	9	288	13040	13079
>34	1	1	2		3	2	1	1	8	10	3		4				84.50 - 1	42	2410	12933	13079
>28	21	14	12	1	13	4	5	10	33	26	12	4	1				72.00 - 1	156	5140	12635	13079
>22	31	65	41	12	49	39	20	21	80	35	10	6					50.25 - 1	474	7907	11654	13079
>17	113	111	69	20	119	78	57	14	102	26	1						27.75 - 1	800	8315	10031	13079
>11	252	156	92	73	200	95	66	17	53	5							12.75 - 1	1029	6601	7145	13079
>7	262	223	124	79	210	62	36	11	21	1							12.50 - 1	1029	4627	4961	13079
>4	213	191	115	80	111	59	24	9	13								10.00 - 1	935	3815	4103	13079

DAYS INTERVAL BETWEEN EVENTS

27 — 37.4N 1.7E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13078	13078
>48																	0.00 - 0			13077	13078
>41																	0.00 - 0			13071	13078
>34	1	2	1		2			1	3	2		4	1				71.75 - 1	17	1154	13023	13078
>28	12	4	7	1	3	3	6	3	10	17	12	8	1				74.75 - 1	87	4089	12880	13078
>22	47	24	21	7	39	26	26	21	65	48	13	7					54.75 - 1	344	8396	12329	13078
>17	164	99	65	28	116	81	68	52	95	30	7	1					32.00 - 1	806	9194	11107	13078
>11	411	240	134	82	222	134	59	35	46	6							11.00 - 1	1369	7309	8003	13078
>7	474	288	147	98	213	71	26	11	11								8.25 - 1	1339	4822	5120	13078
>4	451	244	114	74	138	33	16	5	6								8.25 - 1	1081	3223	3387	13078

DAYS INTERVAL BETWEEN EVENTS

29 — 36.0N 4.0W

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13075	13075
>48																	0.00 - 0			13073	13075
>41																	0.00 - 0			13071	13075
>34	1								2		1						27.75 - 1	4	156	13057	13075
>28	1				3		1		3	5	4	3	1				72.50 - 1	28	1753	12992	13075
>22	23	14	14	5	16	11	15	6	35	32	11	7	2				73.50 - 1	191	6108	12697	13075
>17	100	71	38	19	62	38	29	32	88	41	9	4					38.00 - 1	531	8502	11890	13075
>11	[illegible]	123	104	57	198	120	66	42	80	17	1						21.75 - 1	1079	8481	9554	13075
>7	303	221	136	101	258	110	62	22	24	4							12.25 - 2	1241	6377	6938	13075
>4	114	239	144	98	257	79	39	9	15	1							10.50 - 1	1255	5239	5594	13075

DAYS INTERVAL BETWEEN EVENTS

30 — 36.5N 0.7W

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13075	13075
>48																	0.00 - 0			13074	13075
>41																	0.00 - 0			13067	13075
>34	1		1		1				1	1			3				79.75 - 1	8	940	13048	13075
>28	5	4	2	3	4	4	4	4	8	9	10	6	1				69.00 - 1	64	3390	12940	13075
>22	37	20	17	3	15	28	19	10	50	42	12	6					56.50 - 1	259	7001	12516	13075
>17	118	70	49	23	88	68	52	41	88	43	9						28.50 - 1	649	8989	11520	13075
>11	341	189	115	87	254	125	57	47	64	5							15.50 - 1	1284	7992	8744	13075
>7	468	272	145	121	252	89	29	13	14								8.50 - 1	1403	5400	5780	13075
>4	427	231	144	81	168	51	20	8	4								7.50 - 1	1134	3700	3874	13075

DAYS INTERVAL BETWEEN EVENTS

32 — 37.3N 11.8E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13074	13074
>48	1																0.25 - 1	1	1	13071	13074
>41									1								15.50 - 1	1	62	13068	13074
>34	1	1							1		1	1	1				89.75 - 1	6	532	13047	13074
>28	5	2	2		4	1		1	4	10	2	5	1	1			132.25 - 1	38	2725	12963	13074
>22	20	9	8	7	15	19	9	12	47	29	8	4	1				73.50 - 1	188	5464	12657	13074
>17	69	45	35	14	53	49	38	21	90	36	8	2					60.00 - 1	460	7966	11987	13074
>11	316	180	136	67	208	96	74	46	56	19							19.75 - 1	1198	8041	9488	13074
>7	476	251	160	96	231	82	35	20	21								9.25 - 1	1372	5505	6053	13074
>4	439	214	95	65	135	45	14	8	6								6.25 - 1	1021	3202	3422	13074

DAYS INTERVAL BETWEEN EVENTS

33 — 36.6N 26.9E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13072	13072
>48																	0.00 - 0			13070	13072
>41	1											1					41.75 - 1	2	169	13064	13072
>34	3	4				1	1	1	4	8	3	2		1			94.00 - 1	28	1712	13002	13072
>28	18	18	10	4	8	6	3	8	31	30	9	5	1				61.25 - 1	151	4939	12721	13072
>22	112	67	26	20	28	39	30	30	73	47	9	2					39.75 - 1	483	7744	11745	13072
>17	213	91	60	38	109	94	79	41	79	24	1	1					33.75 - 1	830	7965	10031	13072
>11	276	161	111	61	205	116	52	28	37	5							18.50 - 1	1064	6222	6844	13072
>7	318	172	122	76	179	60	24	14	18								8.00 - 2	983	4105	4434	13072
>4	355	140	110	66	131	36	19	4	4								7.75 - 1	871	2881	3092	13072

DAYS INTERVAL BETWEEN EVENTS

35 — 35.9N 31.8E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13070	13070
>48																	0.00 - 0			13070	13070
>41																	0.00 - 0			13068	13070
>34	1										1						20.25 - 1	2	82	13057	13070
>28	1						1	2	2	6		1					78.25 - 1	15	1148	13018	13070
>22	5	2	3	1	3	3	5	2	10	15	7	5	3				77.75 - 1	64	3769	12894	13070
>17	15	14	10	5	15	19	13	9	41	32	12	1	1				64.00 - 1	187	5366	12520	13070
>11	116	90	53	32	75	70	44	41	88	34	3						23.50 - 2	646	7736	11102	13070
>7	289	216	154	78	203	97	55	35	65	6							12.50 - 1	1198	7284	8386	13070
>4	496	230	146	82	152	65	33	7	19								9.75 - 1	1230	4375	4795	13070

DAYS INTERVAL BETWEEN EVENTS

36 — 35.6N 2.2W

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13070	13070
>48																	0.00 - 0			13070	13070
>41																	0.00 - 0			13064	13070
>34	1								2	1	1						28.25 - 1	5	225	13051	13070
>28	3	2	5	1	4	2	2		7	4	3	2	1				66.25 - 1	36	1481	12972	13070
>22	22	16	14	4	16	10	10	2	25	26	13	6	2				72.25 - 1	166	5699	12677	13070
>17	69	41	43	19	42	30	31	18	72	40	9	5					50.50 - 1	419	7758	12011	13070
>11	256	74	114	59	186	110	77	29	84	18	1						22.50 - 1	1108	8595	9740	13070
>7	384	312	186	129	257	80	48	18	25	2							11.50 - 1	1441	6320	6809	13070
>4	451	256	142	116	194	54	31	11	9								8.25 - 1	1264	4478	4788	13070

DAYS INTERVAL BETWEEN EVENTS

38 — 36.3N 22.6E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13069	13069
>48																	0.00 - 0			13069	13069
>41																	124.50 - 1	[illegible]	498	13067	13069
>34	1				1	1				4		5	1				73.25 - 1	18	1511	13029	13069
>28	11	1	2	1		3	4	1	16	9	5	4	3				73.50 - 1	62	3090	12920	13069
>22	33	19	11	5	24	23	17	17	45	22	9	2	1				80.00 - 1	228	5294	12552	13069
>17	104	69	36	21	68	56	51	40	86	33	6	2					58.25 - 1	572	8206	11642	13069
>11	316	169	111	82	220	126	70	37	72	6							15.75 - 1	1209	7919	9077	13069
>7	468	279	175	107	249	75	29	17	13	1							10.25 - 1	1413	5420	5944	13069
>4	480	224	129	61	141	35	7	5	5								6.50 - 1	1093	3127	3332	13069

DAYS INTERVAL BETWEEN EVENTS

39 — 36.2N 24.3E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13069	13069
>48																	0.00 - 0			13069	13069
>41												1					30.75 - 1	1	123	13067	13069
>34	1	1	1	1					3	3		2	2				84.75 - 1	14	1210	13034	13069
>28	9	5		1	5	1	3	2	10	10	4	6	2				65.75 - 1	58	3017	12909	13069
>22	44	20	13	9	17	16	11	16	42	26	6	5	1				65.75 - 1	226	5269	12473	13069
>17	105	56	36	17	83	56	51	27	81	38	6	2					31.75 - 1	558	8092	11397	13069
>11	310	155	99	56	113	106	63	33	78	8							17.00 - 1	1081	7435	8445	13069
>7	364	228	132	85	183	75	31	20	25								10.00 - 1	1143	4950	5340	13069
>4	353	193	107	48	108	39	21	6	4								7.00 - 2	879	2840	3044	13069

DAYS INTERVAL BETWEEN EVENTS

41 — 35.3N 30.8E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13068	13068
>48																	0.00 - 0			13067	13068
>41																	0.00 - 0			13064	13068
>34												1					46.25 - 1	1	161	13050	13068
>28	1		2		2		1		3	9	2	2	1				150.00 - 1	23	1841	13000	13068
>22	15	5	4	6	6	7	7	6	23	19	1	5	1				64.50 - 1	111	3877	12771	13068
>17	44	40	25	6	31	28	25	14	67	38	12	3					46.50 - 1	333	6972	12142	13068
>11	257	186	107	50	177	101	61	31	86	12							19.75 - 1	1068	7768	9390	13068
>7	456	268	163	82	171	67	35	24	21								9.50 - 1	1287	5058	5542	13068
>4	394	180	115	40	93	37	14	7	7								7.50 - 3	877	2721	2951	13068

DAYS INTERVAL BETWEEN EVENTS

42 — 34.7N 34.8E

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Ts	TH
>64																	0.00 - 0			13068	13068
>48																	0.00 - 0			13068	13068
>41																	0.00 - 0			13067	13068
>34												1					44.25 - 1	1	177	13063	130[illegible]
>28	3	1	1					1	2	5		3	1				70.50 - 1	17	1120	13020	13068
>22	5	4	7	2	4	5	3	5	7	17	5	8					53.25 - 1	72	3385	12887	13068
>17	40	36	50	11	33	32	20	20	59	36	9	3					34.75 - 1	349	6552	12362	13068
>11	172	197	135	39	151	108	69	31	91	19	4						26.25 - 1	1022	8655	10413	13068
>7	191	103	179	85	218	101	61	24	42	2							11.50 - 1	1406	6765	7560	13068
>4	412	265	148	73	117	87	44	12	27	1							10.50 - 1	1246	5255	5770	13068

DAYS INTERVAL BETWEEN EVENTS

43 — 36.0N 13.5E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13066	13066
≥48																	0.00 - 0			13062	13066
≥41																	0.00 - 0			13055	13066
≥34	1				1	1		1	3	8	1	4	1				63.25 - 1	21	1722	13010	13066
≥28	10	3	1	1	5	3	2	3	17	19	8	6					54.00 - 1	78	3526	12866	13066
≥22	28	14	10	12	27	19	15	18	45	35	9	1	2				71.50 - 1	235	5968	12426	13066
≥17	105	48	48	23	80	60	45	32	79	40	8	1					33.00 - 1	569	8050	11411	13066
≥11	304	142	106	82	193	106	62	34	66	9	1						22.00 - 1	1105	7444	8591	13066
≥7	405	231	133	92	201	70	30	21	21	1							11.50 - 1	1205	5008	5513	13066
≥4	422	186	82	74	118	48	22	7	5								7.50 - 1	964	3112	3391	13066

DAYS INTERVAL BETWEEN EVENTS

44 — 35.9N 16.8E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13066	13066
≥48																	0.00 - 0			13061	13066
≥41					1												1.00 - 1	1	8	13055	13066
≥34	5	1		1	1	1	2	1	3	5	1	4	2				64.00 - 1	27	1780	13004	13066
≥28	9	8	3	4	7	6	4	4	12	23	5	6	1				83.25 - 1	92	3774	12831	13066
≥22	37	23	20	11	33	14	22	14	67	32	7	4	1				81.25 - 1	285	6517	12313	13066
≥17	127	56	47	27	101	72	51	30	75	30	5	3					39.00 - 1	624	7834	11177	13066
≥11	382	201	125	85	196	94	59	29	55	7	1						26.00 - 1	1234	7068	8016	13066
≥7	393	232	130	115	178	51	25	12	20	3							11.50 - 1	1159	4574	4928	13066
≥4	357	194	111	75	132	49	19	9	9	2							11.50 - 1	957	3430	3719	13066

DAYS INTERVAL BETWEEN EVENTS

46 — 35.0N 28.3E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13064	13064
≥48																	0.00 - 0			13064	13064
≥41										2							19.50 - 1	2	142	13054	13064
≥34	3		1		2			3	1	5		2	2				77.25 - 1	19	1249	12989	13064
≥28	15	15	4	3	13	4	7	9	21	32	4	3					48.75 - 1	130	3924	12730	13064
≥22	35	42	34	21	42	38	35	26	75	42	4	2					59.75 - 1	456	7135	11653	13064
≥17	206	128	79	39	119	99	65	36	86	20	2	1					31.00 - 1	880	7896	9652	13064
≥11	363	186	125	78	180	85	31	20	31	3							17.75 - 1	1102	5211	5613	13064
≥7	312	183	95	41	140	34	12	8	6	1							12.50 - 1	832	2868	3032	13064
≥4	272	150	81	36	100	21	12	2	3								6.75 - 2	677	2072	2171	13064

DAYS INTERVAL BETWEEN EVENTS

47 — 35.2N 19.2E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13059	13059
≥48																	0.00 - 0			13056	13059
≥41									1								9.50 - 1	1	38	13047	13059
≥34	3			1	1		1	1	4			4					53.50 - 1	15	798	12999	13059
≥28	6	4	3	2	5	9	6	4	20	17	11	3					54.75 - 1	90	3595	12815	13059
≥22	30	25	16	14	38	31	21	20	56	32	3						29.00 - 1	286	5176	12266	13059
≥17	112	55	39	41	110	59	54	39	74	18	4	2					50.75 - 1	607	7061	11213	13059
≥11	298	165	133	89	190	107	66	33	51	6	1						23.25 - 1	1159	7081	8041	13059
≥7	398	232	159	85	183	56	24	12	12	1							10.25 - 1	1162	4277	4556	13059
≥4	370	198	71	49	109	31	10	4	4								6.50 - 1	846	2453	2603	13059

DAYS INTERVAL BETWEEN EVENTS

49 — 34.8N 24.1E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13059	13059
≥48																	0.00 - 0			13059	13059
≥41																	0.00 - 0			13057	13059
≥34	1											1					56.75 - 1	2	228	13046	13059
≥28	3	1							4	6	2	3					56.25 - 1	19	1176	13000	13059
≥22	20	14	8	3	10	8	11	11	23	20	4	8					56.75 - 1	140	3983	12729	13059
≥17	57	36	33	14	39	37	33	24	65	36	8	2					38.75 - 1	384	6680	12035	13059
≥11	247	135	93	60	181	107	63	36	67	23	2						23.50 - 1	1020	8081	9567	13059
≥7	366	232	143	101	213	83	46	14	42	2							16.75 - 1	1246	5926	6546	13059
≥4	349	215	123	80	149	54	45	10	18	1							14.75 - 1	1044	4271	4686	13059

DAYS INTERVAL BETWEEN EVENTS

50 — 34.0N 30.5E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13057	13057
≥48																	0.00 - 0			13056	13057
≥41																	0.00 - 0			13054	13057
≥34					1				2	1							19.50 - 1	4	152	13029	13057
≥28	1	1	2		1		1	2	9	7	1	2	1				75.00 - 1	28	1479	12957	13057
≥22	18	12	10	7	12	10	14	14	30	26	7	2					31.00 - 2	162	4032	12595	13057
≥17	103	52	36	17	66	53	36	28	83	41	4	1					31.00 - 1	520	7517	11504	13057
≥11	327	192	100	70	167	91	63	31	55	7	1						22.75 - 1	1104	6639	7582	13057
≥7	386	181	105	65	176	56	15	9	16								8.25 - 1	1009	3763	4006	13057
≥4	312	153	73	50	83	18	14	4	5								7.00 - 1	712	2127	2195	13057

DAYS INTERVAL BETWEEN EVENTS

52 — 33.7N 28.0E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13042	13042
≥48																	0.00 - 0			13042	13042
≥41																	0.00 - 0			13037	13042
≥34	3	1	2		2	1	1	1	1	4		1					30.50 - 1	17	477	12988	13042
≥28	12	6	3	1	9	1	3	7	13	16	5	3					32.75 - 1	79	2436	12780	13042
≥22	43	34	14	11	32	29	19	16	50	37	5	3					39.75 - 1	293	5686	12101	13042
≥17	124	88	54	40	103	74	50	31	88	29	1						20.25 - 1	682	7415	10597	13042
≥11	373	181	134	77	202	96	50	20	32	1							11.00 - 1	1166	5760	6514	13042
≥7	360	167	112	59	122	46	17	10	7								7.00 - 1	900	3069	3274	13042
≥4	252	137	76	33	79	21	12	3	1								6.75 - 1	584	1762	1864	13042

DAYS INTERVAL BETWEEN EVENTS

53 — 33.3N 31.1E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13042	13042
≥48																	0.00 - 0			13042	13042
≥41																	0.00 - 0			13038	13042
≥34		1								1	1						22.00 - 1	3	164	13022	13042
≥28	1	3	1				2	1	2	6	1	1					52.25 - 1	18	722	12942	13042
≥22	16	4	3	1	6	12	11	5	20	25	9	1					31.00 - 1	113	3375	12670	13042
≥17	71	38	22	17	37	36	29	19	75	31	4	1					30.25 - 1	380	6032	11839	13042
≥11	303	149	99	62	182	95	71	28	72	8							17.25 - 1	1060	7069	8360	13042
≥7	413	215	116	79	180	60	29	17	11	1							10.25 - 1	1121	4289	4625	13042
≥4	299	160	85	38	94	30	13	5	3								7.50 - 1	727	2264	2399	13042

DAYS INTERVAL BETWEEN EVENTS

55 — 34.0N 15.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13035	13036
≥48																	0.00 - 0			13032	13036
≥41	1							1				1					55.50 - 1	3	243	13004	13036
≥34	1		1					2	4	4	1	1					55.25 - 1	14	124	12951	13036
≥28	14	5	4	1	6	4	9	3	20	16	3	2					47.50 - 1	87	2453	12748	13036
≥22	31	25	8	8	35	35	16	19	57	29	4	2					55.75 - 1	269	5339	12163	13036
≥17	109	71	52	26	103	69	43	36	81	19	6	1					45.75 - 1	616	7184	10891	13036
≥11	293	167	134	77	214	99	48	30	42	8	1						26.75 - 1	1113	6636	7744	13036
≥7	360	209	152	109	190	62	25	9	8								8.00 - 1	1124	4209	4531	13036
≥4	341	205	129	74	108	26	11	6	1								6.00 - 1	901	2641	2836	13036

DAYS INTERVAL BETWEEN EVENTS

56 — 33.6N 22.3E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13035	13035
≥48																	0.00 - 0			13035	13035
≥41																	0.00 - 0			13034	13035
≥34	1	1							1								9.75 - 1	3	42	13010	13035
≥28	7	4			3	4	4	1	16	7	3	3					46.00 - 1	52	1730	12894	13035
≥22	31	16	15	9	21	17	22	9	36	20	9	2					32.50 - 1	207	4219	12485	13035
≥17	96	57	34	26	79	51	50	25	80	27	4		1				69.25 - 1	530	7055	11403	13035
≥11	350	184	135	74	212	90	53	36	53	8	1						25.50 - 1	1196	6987	8018	13035
≥7	406	249	126	85	181	55	18	19	9								9.00 - 1	1148	4070	4394	13035
≥4	389	167	82	53	88	25	15	5	2								8.25 - 1	826	2329	2456	13035

DAYS INTERVAL BETWEEN EVENTS

58 — 33.1N 19.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13025	13025
≥48																	0.00 - 0			13025	13025
≥41			1														0.75 - 1	1	3	13020	13025
≥34	2	1				1		1	1								7.50 - 1	6	65	12989	13025
≥28	13	6	4	2	5	4		4	12	9	1	1					54.75 - 1	63	1638	12851	13025
≥22	35	6	13	8	28	20	17	20	34	23	2	3					54.75 - 1	209	4149	12409	13025
≥17	151	59	30	22	78	62	52	29	67	16	3						29.00 - 1	516	5868	11333	13025
≥11	119	209	127	76	206	114	59	32	54	6							18.25 - 1	1202	7043	8098	13025
≥7	454	263	160	97	176	56	20	5	10	1							14.50 - 1	1242	4148	4540	13025
≥4	114	211	75	54	81	21	7	3	1	1							13.25 - 1	834	2248	2446	13025

DAYS INTERVAL BETWEEN EVENTS

59 — 32.6N 26.2E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13022	13022
≥48																	0.00 - 0			13022	13022
≥41			1														0.75 - 1	1	3	13017	13022
≥34	2							1	1	1	2						27.75 - 1	7	294	12978	13022
≥28	9	4	2	1	6	3	4	6	11	6	2	2					45.75 - 1	56	1455	12818	13022
≥22	32	16	16	8	29	18	14	12	40	20	3						27.00 - 1	208	3540	12384	13022
≥17	99	54	44	21	61	50	34	22	58	16	6						23.25 - 1	465	5286	11379	13022
≥11	280	160	103	60	191	105	49	28	52	13	1						24.25 - 1	1042	6861	8524	13022
≥7	436	229	145	86	168	61	24	18	17	1							12.25 - 1	1185	4527	5076	13022
≥4	159	110	67	53	96	34	9	7	5								6.75 - 2	800	2439	2635	13022

DAYS INTERVAL BETWEEN EVENTS

61 — 31.7N 32.4E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13019	13019
≥48																	0.00 - 0			13019	13019
≥41																	0.00 - 0			13019	13019
≥34																	0.00 - 0			13013	13019
≥28					1	1			1	3		1					33.75 - 1	8	342	12969	13019
≥22	8	3	1			4	3	5	9	17	3						27.50 - 1	53	1749	12812	13019
≥17	30	11	10	3	14	12	16	16	46	28	3						27.25 - 1	189	4033	12382	13019
≥11	181	76	87	35	130	91	54	31	71	21							19.50 - 1	785	7056	10522	13019
≥7	411	275	115	94	249	101	44	22	22	3							11.00 - 1	1416	6182	6920	13019
≥4	476	259	115	67	115	49	12	7	6								7.25 - 1	1106	3247	3494	13019

DAYS INTERVAL BETWEEN EVENTS

62 — 32.6N 15.9E

Wind speed (kn)	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
≥64																	0.00 - 0			13017	13017
≥48																	0.00 - 0			13014	13017
≥41		1						1	1								5.25 - 1	3	41	13003	13017
≥34	2	1		1		1		2	1	1	1						25.75 - 1	10	245	12962	13017
≥28	6	2	1	1	3	3	4	2	10	7							19.50 - 1	39	881	12819	13017
≥22	23	14	4	3	24	21	10	13	45	24	3	1					30.25 - 1	185	3909	12382	13017
≥17	122	51	40	27	84	54	31	35	79	26	3	2					38.50 - 1	554	6849	11256	13017
≥11	351	212	136	77	221	97	57	36	39	4							17.00 - 1	1230	6618	7935	13017
≥7	398	313	171	83	165	57	21	10	7								9.00 - 1	1225	4107	4528	13017
≥4	350	233	118	57	125	37	14	6	5								9.00 - 1	945	2972	3204	13017

DAYS INTERVAL BETWEEN EVENTS

WIND SPEED INTERVALS (Cont'd)

35.9N 16.8E

MAX	TE	T	T*	TH
			13066	13066
			13061	13066
[illegible]		8	13055	13066
[illegible]	27	1780	13004	13066
[illegible]	92	3774	12831	13066
[illegible]	285	6517	12313	13066
[illegible]	624	7834	11177	13066
[illegible]	1234	7068	8016	13066
[illegible]	1159	4574	4928	13066
[illegible]	357	3430	3719	13066

45

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41										1		1				
>34	6	4	2	1	2	2		4	3	8	6	3	2			
>28	33	19	12	3	11	6	12	8	34	38	11	4	1			
>22	115	36	36	18	51	46	37	27	86	40	2	2				
>17	190	71	62	46	117	77	65	37	82	24	2	1				
>11	312	160	97	80	200	97	42	27	35	3	1					
>7	317	182	100	76	140	49	13	8	18	1						
>4	300	144	75	51	102	39	12	7	6							

DAYS INTERVAL BETWEEN EVENTS

35.2N 26.6E

MAX	TE	T	T*	TH
0.00 - 0			13066	13066
0.00 - 0			13064	13066
42.75 - 1	2	248	13051	13066
88.75 - 1	43	2313	12941	13066
64.75 - 1	192	5779	12546	13066
59.75 - 1	496	7412	11396	13066
30.50 - 1	774	7653	9623	13066
20.75 - 1	1054	5709	6310	13066
16.75 - 1	904	3484	3747	13066
7.50 - 1	736	2469	2633	13066

35.2N 19.2E

MAX	TE	T	T*	TH
			13059	13059
			13056	13059
[illegible]		38	13047	13059
[illegible]	15	798	12999	13059
[illegible]	90	3595	12815	13059
[illegible]	286	5176	12266	13059
[illegible]	607	7061	11213	13059
[illegible]	1159	7081	8041	13059
[illegible]	1162	4277	4556	13059
[illegible]	846	2453	2603	13059

48

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34		2			2		1		5	2	2	2				
>28	7	5	2	3	4	4	2	4	22	12	10	4	1			
>22	39	22	16	7	29	23	21	11	62	33	5					
>17	85	50	45	34	82	54	43	45	94	24	4	3				
>11	329	180	124	84	206	131	62	32	41	12	1					
>7	426	216	150	98	181	64	24	10	15							
>4	420	181	94	68	114	34	12	7	4							

DAYS INTERVAL BETWEEN EVENTS

35.1N 20.8E

MAX	TE	T	T*	TH
0.00 - 0			13059	13059
0.00 - 0			13059	13059
0.00 - 0			13050	13059
55.00 - 1	16	840	13003	13059
63.75 - 1	80	3543	12861	13059
29.25 - 1	268	5203	12356	13059
38.25 - 1	563	7633	11278	13059
23.50 - 1	1202	7230	8147	13059
8.75 - 2	1184	4387	4716	13059
8.50 - 1	934	2782	2956	13059

34.0N 30.5E

MAX	TE	T	T*	TH
			13057	13057
			13056	13057
			13054	13057
[illegible]		4	152	13029	13057
[illegible]	28	1479	12957	13057
[illegible]	162	4032	12595	13057
[illegible]	520	7517	11504	13057
[illegible]	1104	6639	7582	13057
[illegible]	1109	3763	4006	13057
[illegible]	712	2127	2195	13057

51

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34																
>28	2	1			1			1	2	3	1		1			
>22	12	4	3	1	1	2	8	2	15	18	6	3	1			
>17	38	18	19	2	26	18	23	11	60	29	10	2				
>11	186	115	92	51	150	113	69	44	76	23	1					
>7	370	241	194	86	229	84	34	25	24	1						
>4	456	199	131	70	100	49	8	9	5							

DAYS INTERVAL BETWEEN EVENTS

33.5N 33.6E

MAX	TE	T	T*	TH
0.00 - 0			13056	13056
0.00 - 0			13056	13056
0.00 - 0			13055	13056
0.00 - 0			13047	13056
68.50 - 1	12	630	13005	13056
61.75 - 1	76	3040	12835	13056
33.75 - 1	256	5587	12334	13056
21.25 - 1	920	8283	10012	13056
11.00 - 1	1294	5748	6150	13056
9.00 - 1	1027	3072	3187	13056

33.3N 31.1E

MAX	TE	T	T*	TH
			13042	13042
			13042	13042
			13038	13042
[illegible]	3	164	13022	13042
[illegible]	19	722	12942	13042
[illegible]	113	3375	12670	13042
[illegible]	380	6032	11839	13042
[illegible]	1069	7089	8360	13042
[illegible]	1121	4289	4625	13042
[illegible]	[illegible]	2264	2399	13042

54

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34	1	1							3	4	1					
>28	4	5		1	2	3	1	2	12	10	3	3				
>22	17	12	9	1	14	18	12	9	43	24	4	3				
>17	75	41	39	14	65	45	29	37	59	32	4	2				
>11	273	165	90	50	199	106	62	35	20	12						
>7	387	241	142	130	196	75	32	16	15							
>4	428	216	122	62	114	46	21	6	2							

DAYS INTERVAL BETWEEN EVENTS

34.0N 12.7E

MAX	TE	T	T*	TH
0.00 - 0			13038	13038
0.00 - 0			13037	13038
0.00 - 0			13027	13038
21.00 - 1	10	415	12998	13038
52.00 - 1	46	1874	12879	13038
34.75 - 1	166	4099	12497	13038
41.50 - 1	442	6567	11601	13038
20.00 - 1	1062	7400	8634	13038
8.75 - 1	1204	4826	5306	13038
5.75 - 1	1017	3095	3378	13038

33.6N 22.3E

MAX	TE	T	T*	TH
			13035	13035
			13035	13035
			13034	13035
[illegible]	1	42	13010	13035
[illegible]	[illegible]	[illegible]	12894	13035
[illegible]	[illegible]	4219	12485	13035
[illegible]	530	7355	11403	13035
[illegible]	1136	6987	8018	13035
[illegible]	1148	4077	4394	13035
[illegible]	826	2329	2456	13035

57

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41	1	1							1							
>34	1	1			1	1		1	4	2						
>28	6	3	7	2	4	2	5	4	7	11	1	3				
>22	35	18	8	6	23	24	21	22	46	32	3	1				
>17	80	46	36	33	81	64	50	33	78	21	4	1				
>11	283	189	127	87	215	120	40	35	44	7	1					
>7	375	220	145	104	173	51	23	15	10	1						
>4	361	140	91	57	105	32	14	11	7							

DAYS INTERVAL BETWEEN EVENTS

33.2N 18.3E

MAX	TE	T	T*	TH
0.00 - 0			13025	13025
0.00 - 0			13023	13025
5.25 - 1	3	24	13009	13025
16.50 - 1	11	289	12968	13025
55.00 - 1	55	1720	12815	13025
54.75 - 1	239	4862	12277	13025
32.50 - 1	526	6750	11201	13025
22.50 - 1	1148	6793	7861	13025
12.25 - 1	1117	4151	4551	13025
[illegible].75 - 1	818	2686	2996	13025

32.6N 26.2E

MAX	TE	T	T*	TH
			13022	13022
			13022	13022
[illegible]		3	13017	13022
[illegible]		294	12978	13022
[illegible]	56	1455	12818	13022
[illegible]	228	3540	12384	13022
[illegible]	465	5286	11379	13022
[illegible]	1042	6861	8524	13022
[illegible]	1185	4521	5076	13022
[illegible]	[illegible]	2439	2635	13022

60

WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41																
>34		1						1		1	1					
>28	7	1	1		5	3	4	1	5	8	4					
>22	23	10	7	1	11	14	9	11	32	22	4					
>17	80	44	30	17	49	44	35	19	58	27	4					
>11	282	156	100	65	182	98	57	29	63	13						
>7	436	222	138	78	179	61	27	11	19	2						
>4	388	185	71	61	98	27	15	5	4							

DAYS INTERVAL BETWEEN EVENTS

32.2N 29.3E

MAX	TE	T	T*	TH
0.00 - 0			13021	13021
0.00 - 0			13021	13021
0.00 - 0			13015	13021
22.00 - 1	4	181	12989	13021
24.75 - 1	39	1138	12876	13021
27.25 - 1	148	3173	12563	13021
24.00 - 1	407	5469	11673	13021
19.50 - 1	1045	7057	8656	13021
12.00 - 1	1175	4557	4997	13021
7.75 - 1	854	2510	2693	13021

32.6N 15.9E

MAX	TE	T	T*	TH
			13017	13017
			13014	13017
[illegible]		41	13003	13017
[illegible]	[illegible]	245	12962	13017
[illegible]	39	881	12819	13017
[illegible]	185	3909	12382	13017
[illegible]	554	6849	11256	13017
[illegible]	1230	6618	7935	13017
[illegible]	1225	4107	4528	13017
[illegible]	945	2972	3204	13017

63

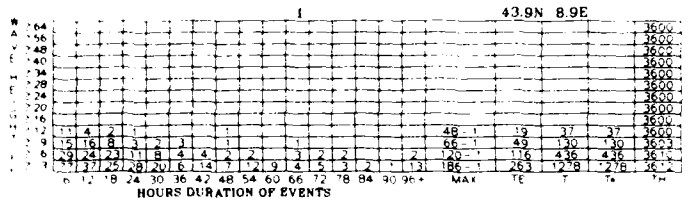
WIND SPEED	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>48																
>41		1														
>34	2		1		1					3						
>28	6		3	1	2	2	1	1	2	8		1				
>22	17	10	7	4	13	14	14	11	32	17	3					
>17	92	42	31	17	61	53	45	32	62	24	2	1				
>11	280	188	117	72	202	107	59	30	50	13						
>7	396	236	169	92	181	65	30	8	13	2						
>4	404	178	84	57	103	26	7	6	6							

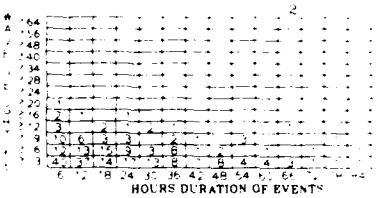
DAYS INTERVAL BETWEEN EVENTS

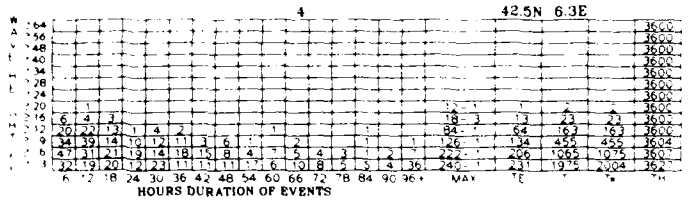
31.2N 18.9E

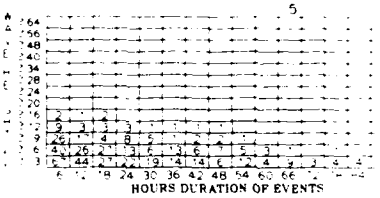
MAX	TE	T	T*	TH
0.00 - 0			13006	13006
0.00 - 0			13005	13006
0.50 - 1	1	2	12998	13006
16.50 - 1	7	193	12963	13006
32.00 - 1	27	743	12872	13006
26.75 - 1	142	2895	12521	13006
36.25 - 1	462	5911	11508	13006
18.00 - 1	1098	6929	8292	13006
10.75 - 1	1192	4548	4998	13006
9.75 - 1	871	2508	2704	13006

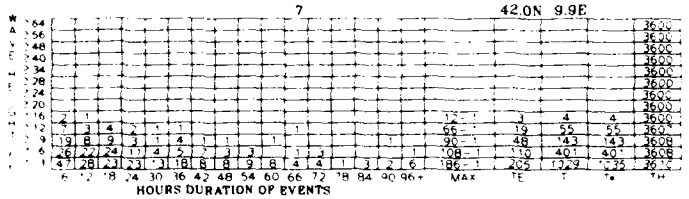
WAVE HEIGHT DURATIONS

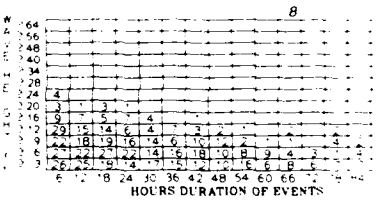


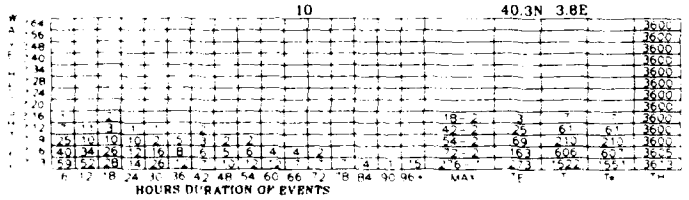


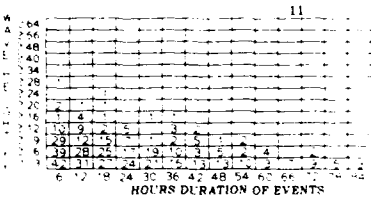


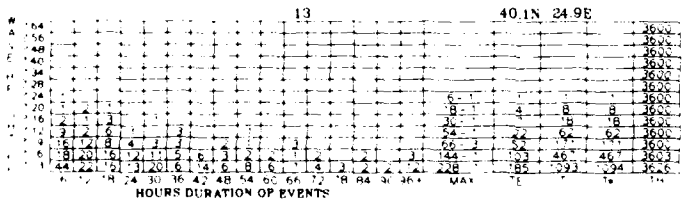


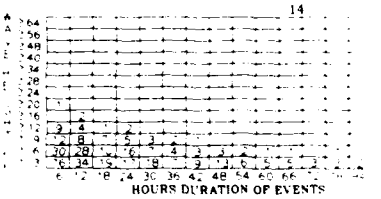


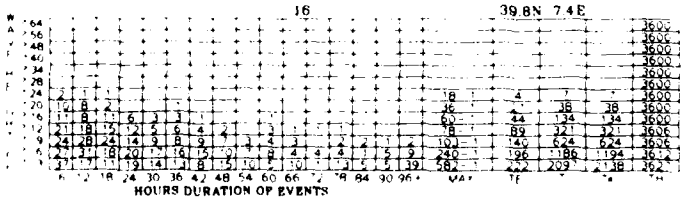


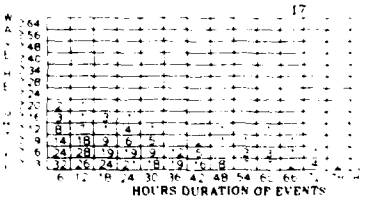


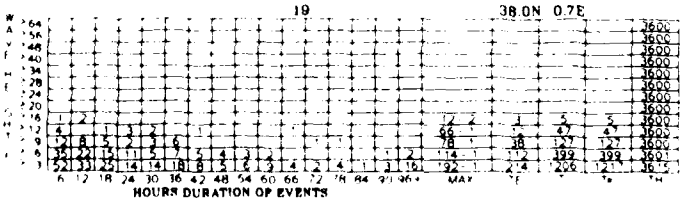


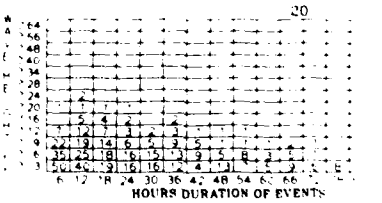




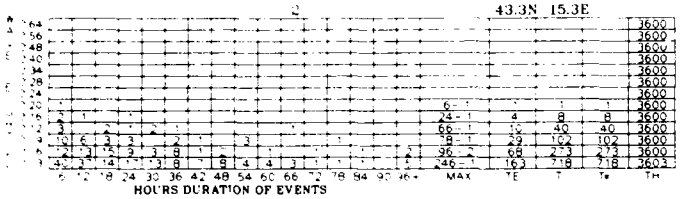




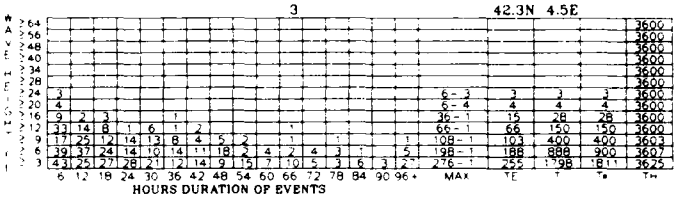




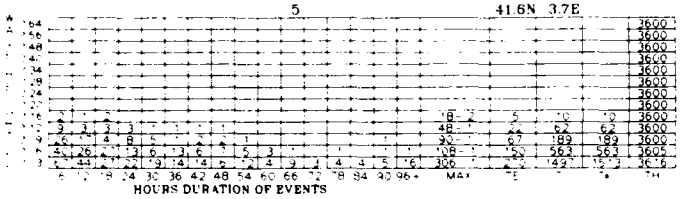
2 43.3N 15.3E



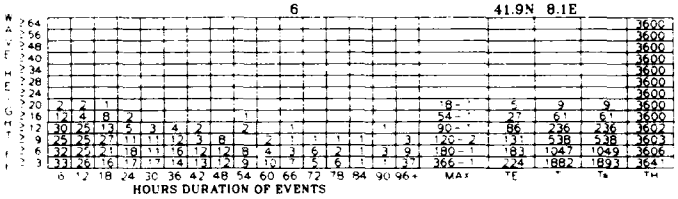
3 42.3N 4.5E



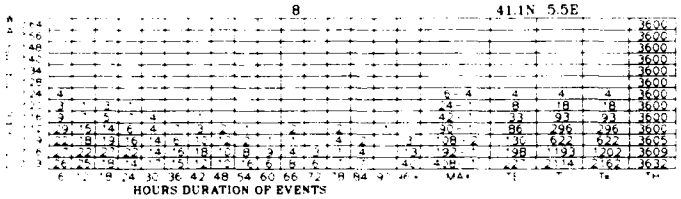
5 41.6N 3.7E



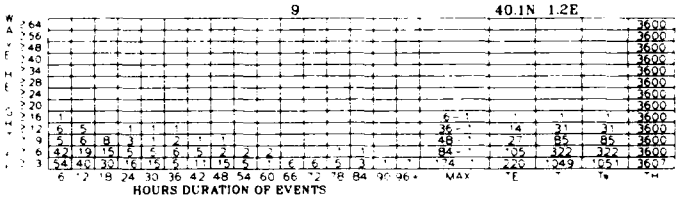
6 41.9N 8.1E



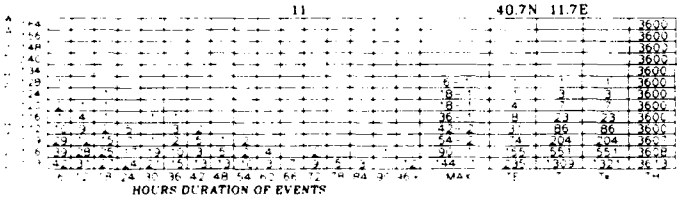
8 41.1N 5.5E



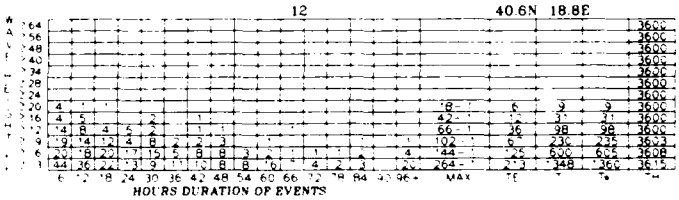
9 40.1N 1.2E



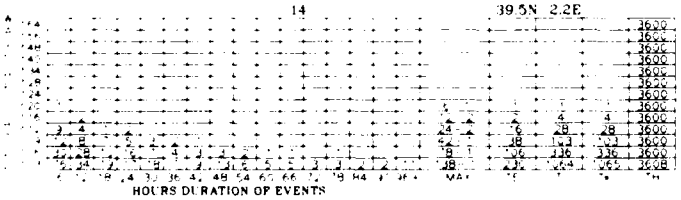
11 40.7N 11.7E



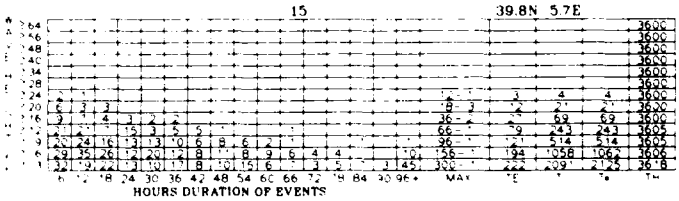
12 40.6N 18.8E



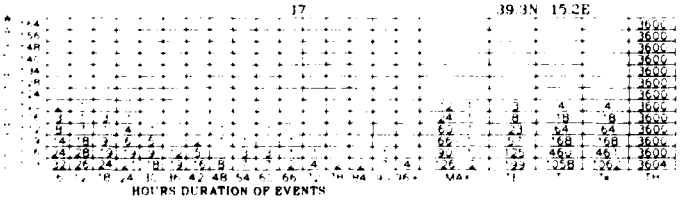
14 39.5N 2.2E



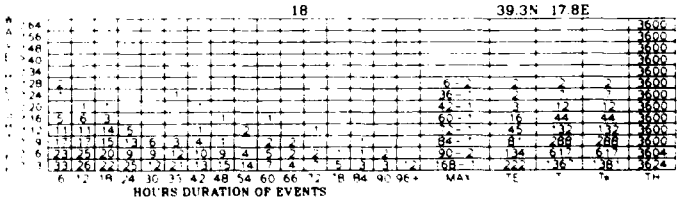
15 39.8N 5.7E



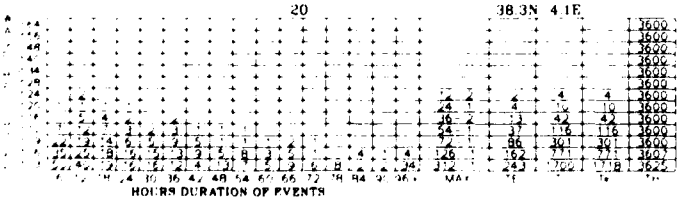
17 39.3N 15.2E



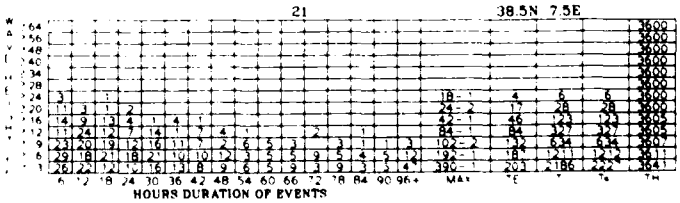
18 39.3N 17.8E



20 38.3N 4.1E

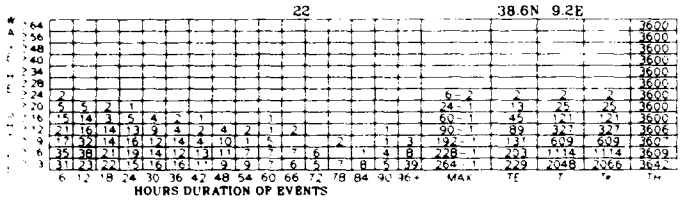


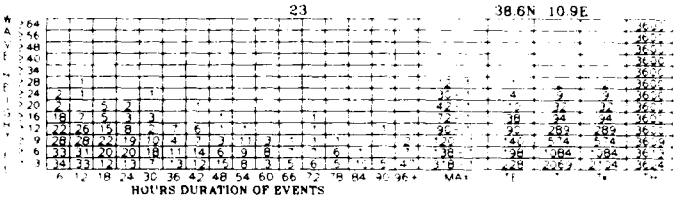
21 38.5N 7.5E

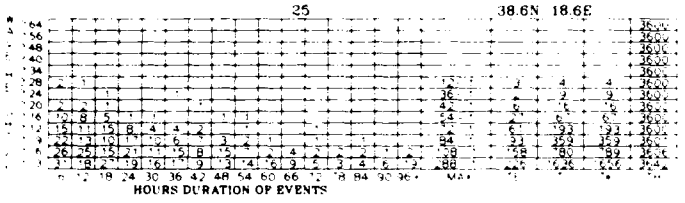


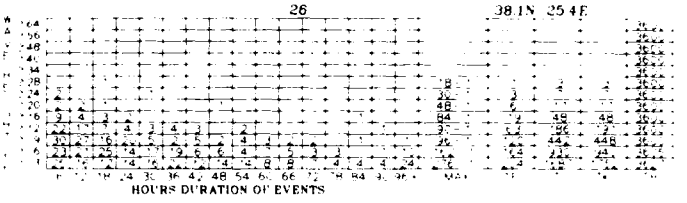
WINTER

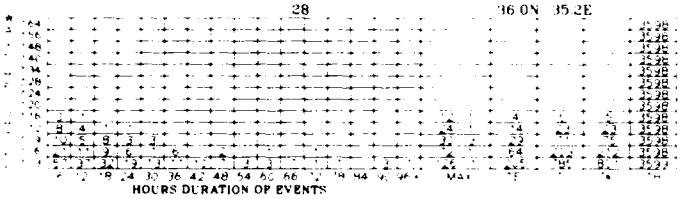
WAVE HEIGHT

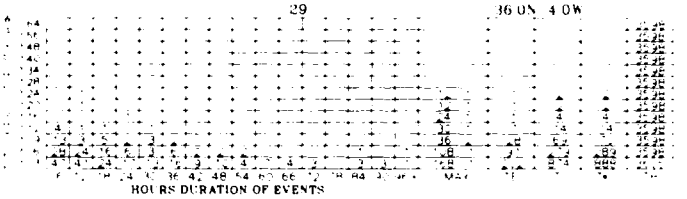


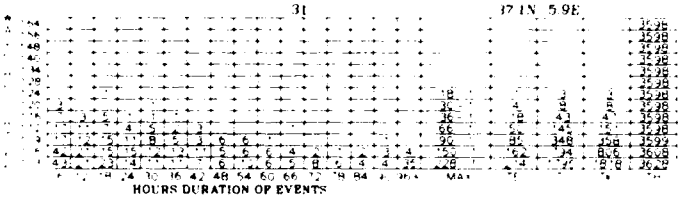


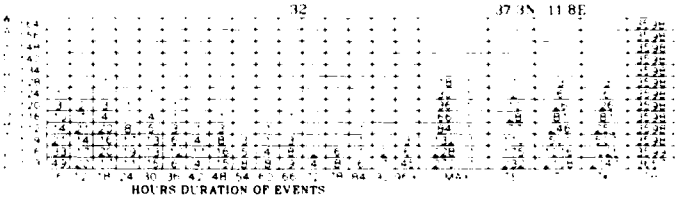


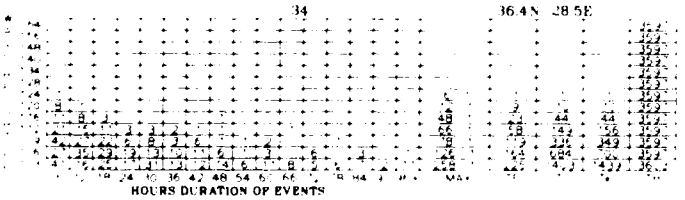


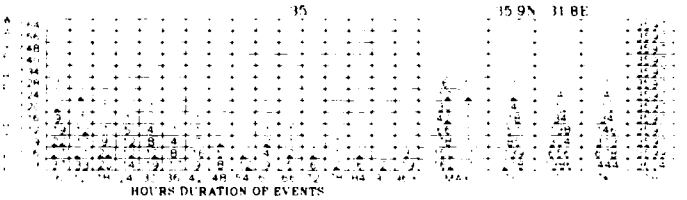


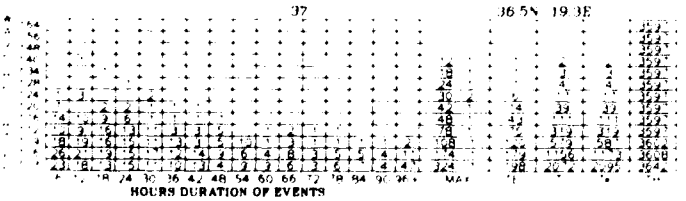


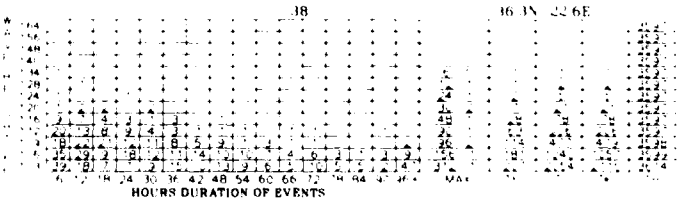


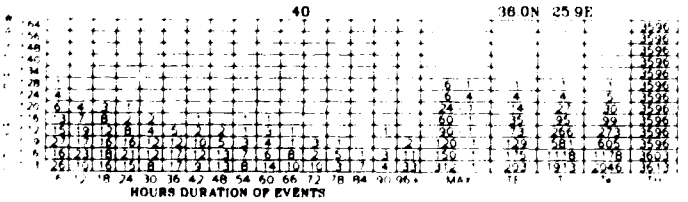


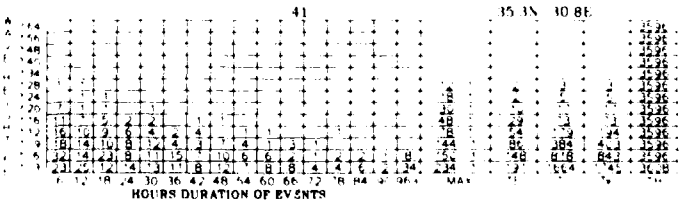




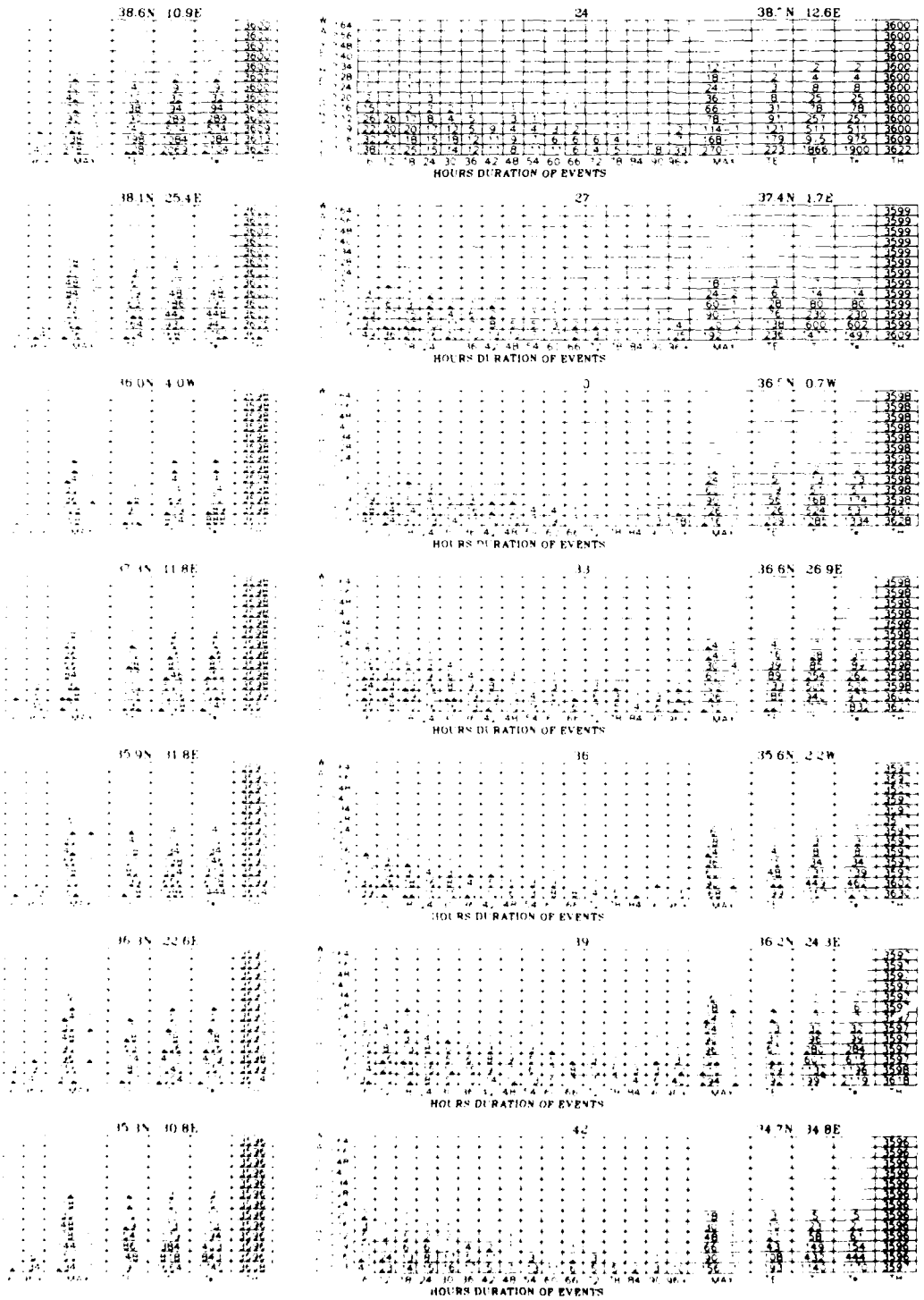




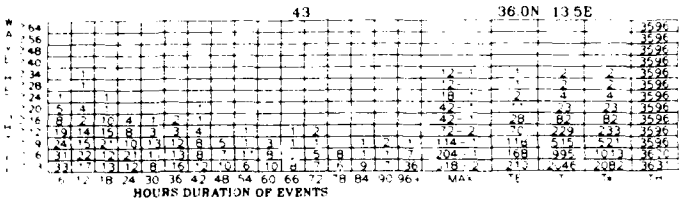


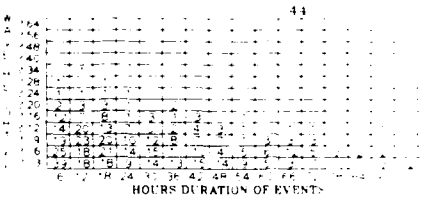


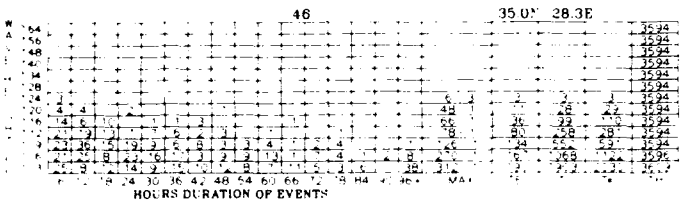
WAVE HEIGHT DURATIONS (Cont'd)

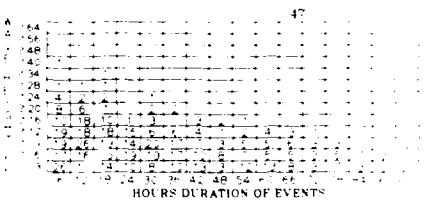


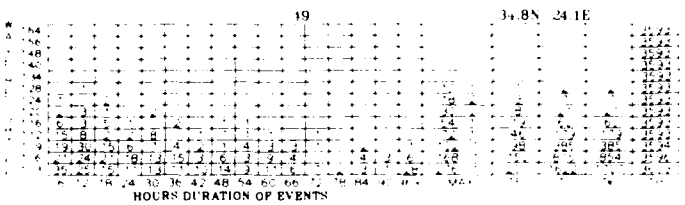
WAVE HEIGHT DURATIONS (Cont'd)

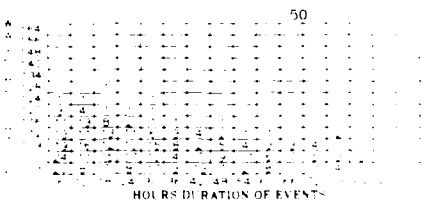


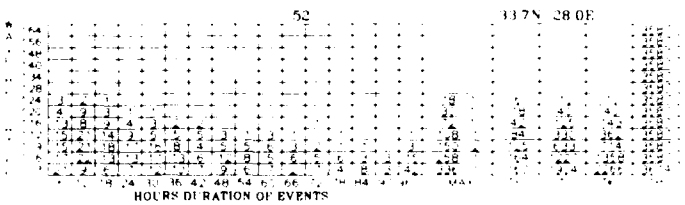


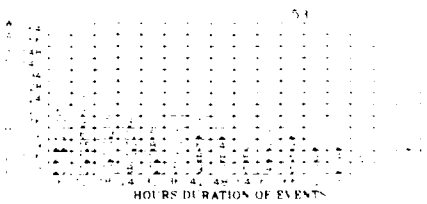


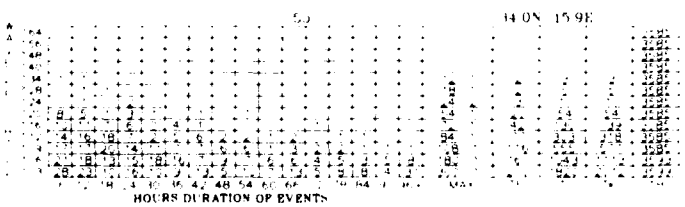


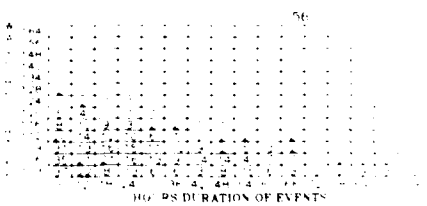


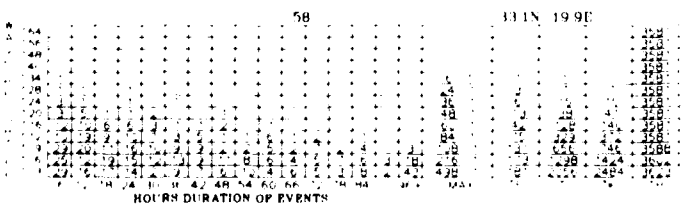


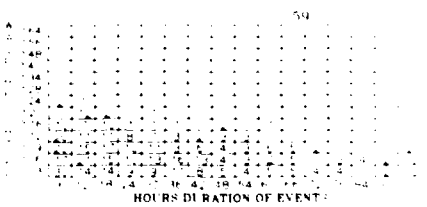


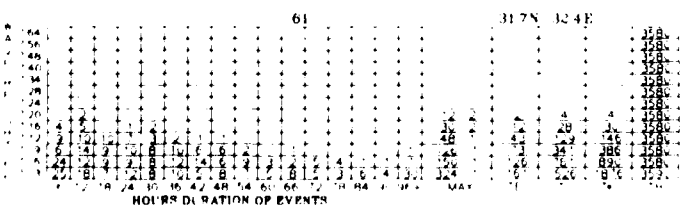


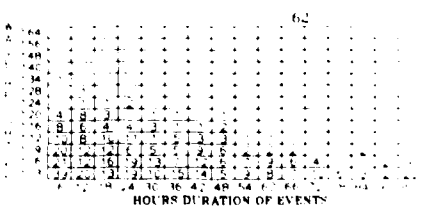


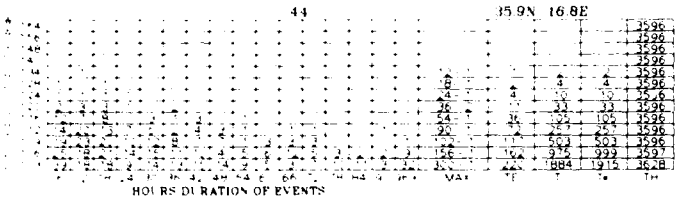


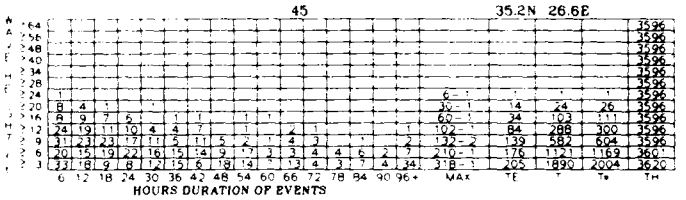









44
35.9N 16.8E
HOURS DURATION OF EVENTS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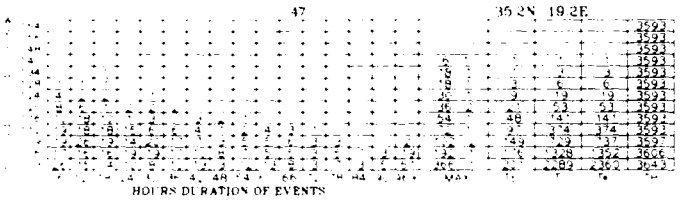
35.2N 26.6E
HOURS DURATION OF EVENTS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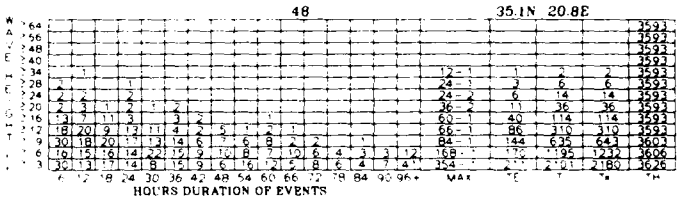
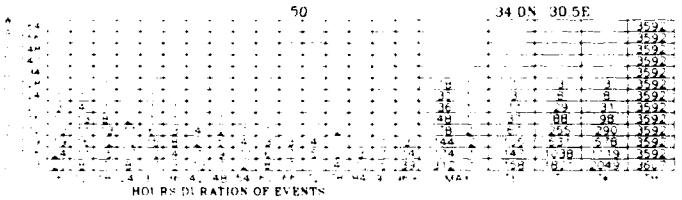
35.2N 19.2E
HOURS DURATION OF EVENTS


48
35.1N 20.8E
HOURS DURATION OF EVENTS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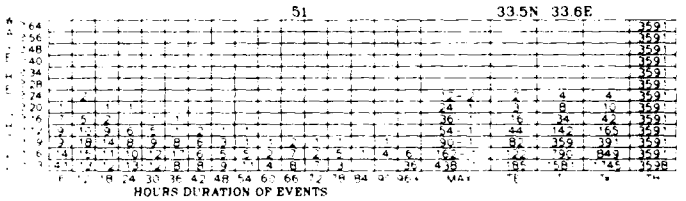
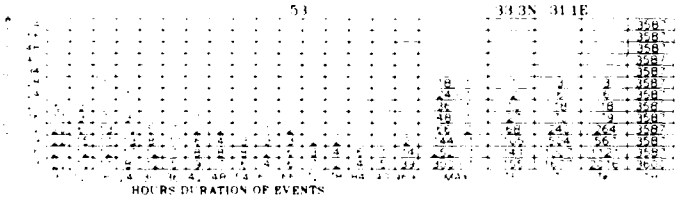
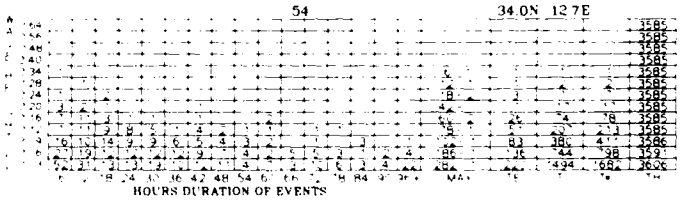
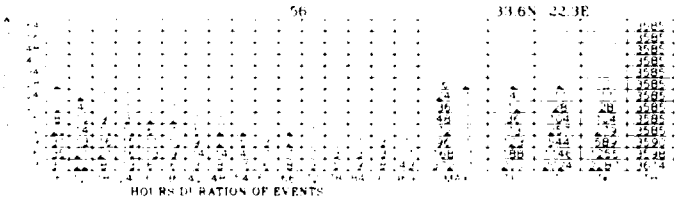
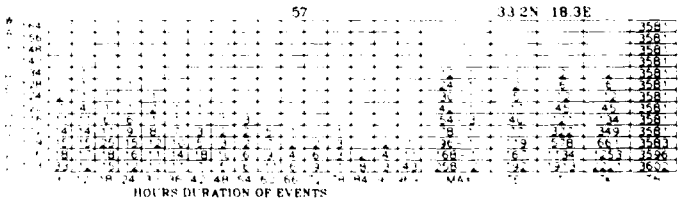
34.0N 30.5E
HOURS DURATION OF EVENTS

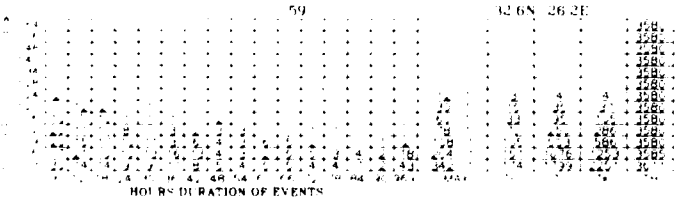

51
33.5N 33.6E
HOURS DURATION OF EVENTS

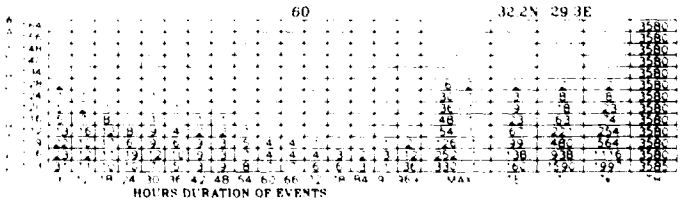

53
33.3N 31.1E
HOURS DURATION OF EVENTS


54
34.0N 12.7E
HOURS DURATION OF EVENTS


56
33.6N 22.3E
HOURS DURATION OF EVENTS


57
33.2N 18.3E
HOURS DURATION OF EVENTS


59
32.6N 26.2E
HOURS DURATION OF EVENTS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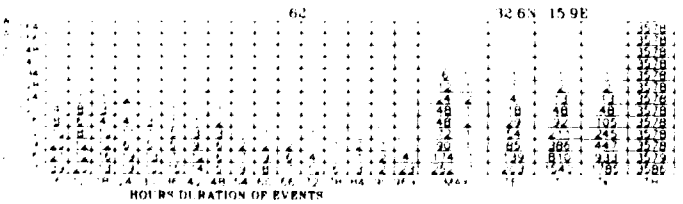
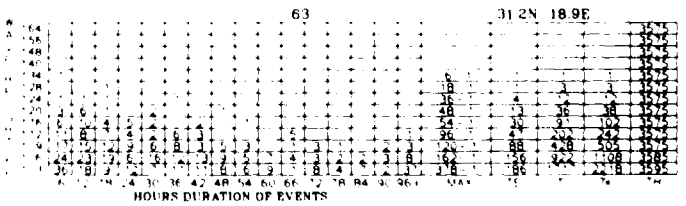
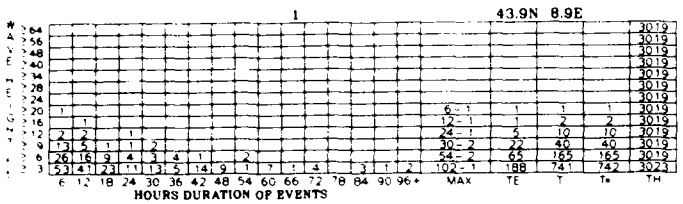
32.2N 29.3E
HOURS DURATION OF EVENTS


62
32.6N 15.9E
HOURS DURATION OF EVENTS


63
31.2N 18.9E
HOURS DURATION OF EVENTS

SPRING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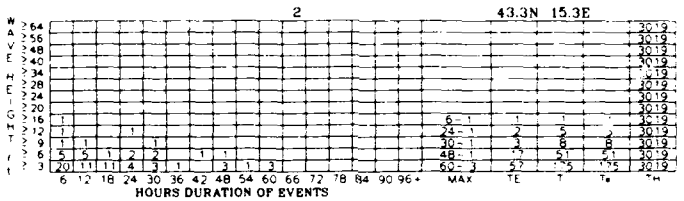
43.9N 8.9E
HOURS DURATION OF EVENTS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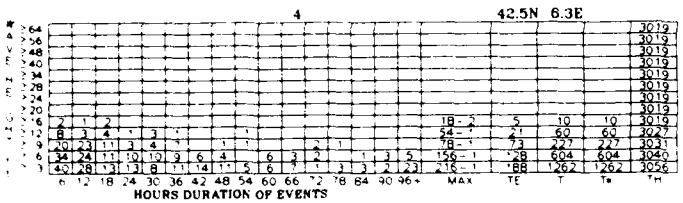
43.3N 15.3E
HOURS DURATION OF EVENTS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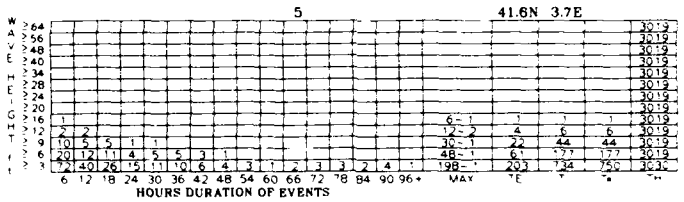
42.5N 6.3E
HOURS DURATION OF EVENTS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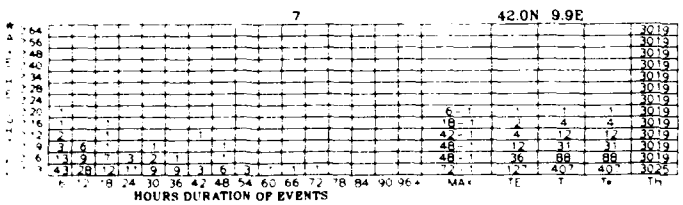
41.6N 3.7E
HOURS DURATION OF EVENTS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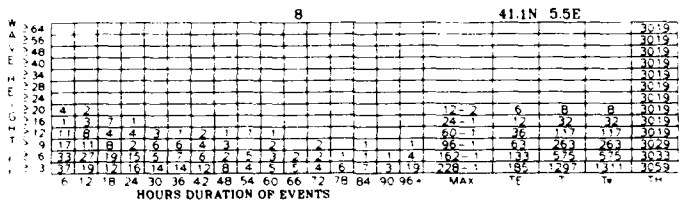
42.0N 9.9E
HOURS DURATION OF EVENTS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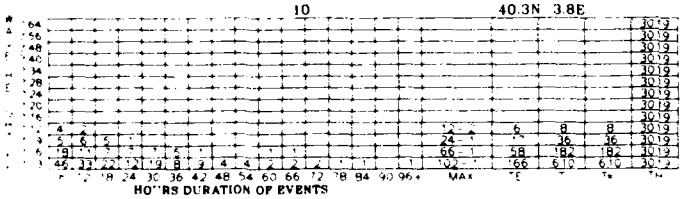
41.1N 5.5E
HOURS DURATION OF EVENTS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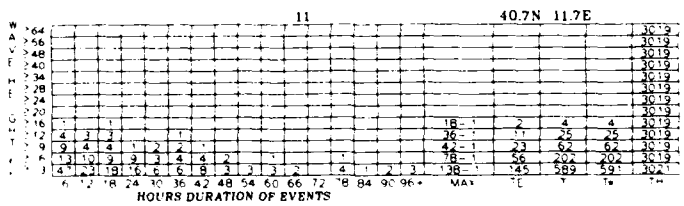
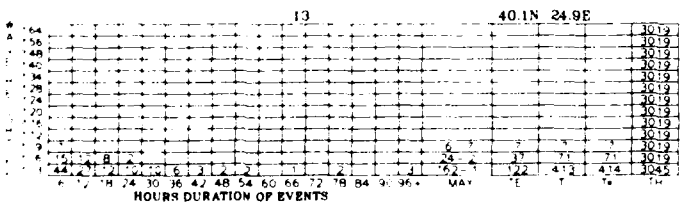
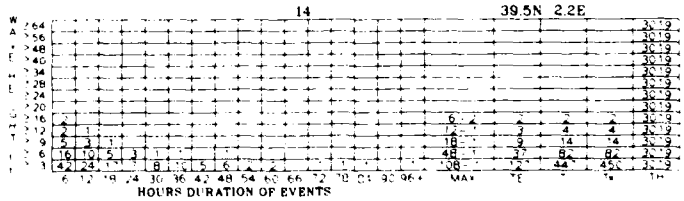
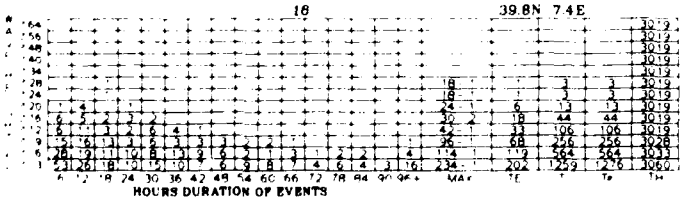
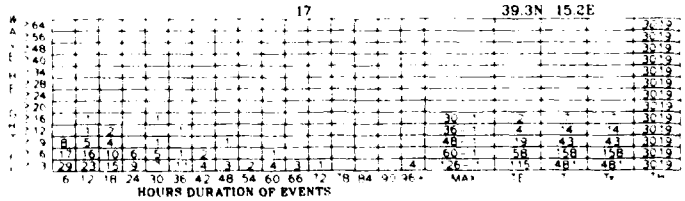
40.3N 3.8E
HOURS DURATION OF EVENTS

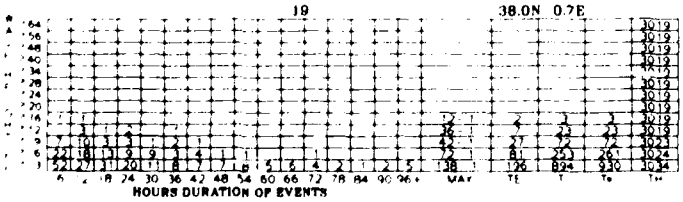

11
40.7N 11.7E
HOURS DURATION OF EVENTS

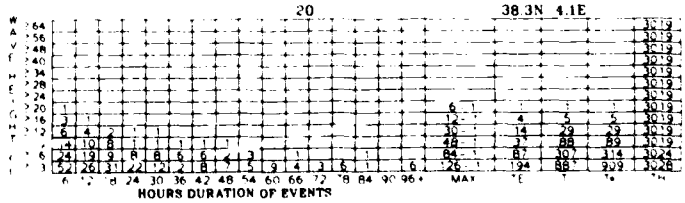

13
40.1N 24.9E
HOURS DURATION OF EVENTS


14
39.5N 2.2E
HOURS DURATION OF EVENTS

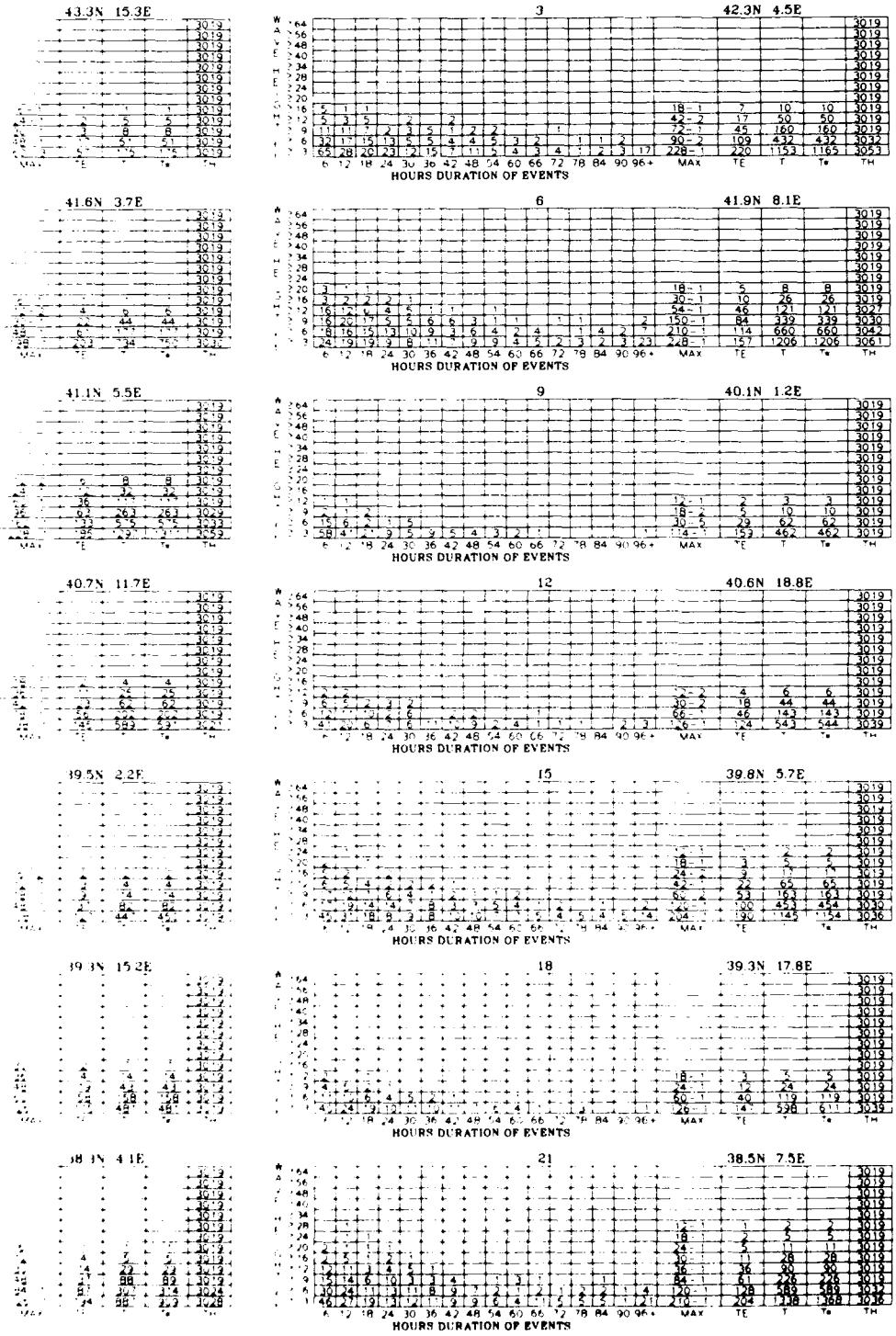

18
39.8N 7.4E
HOURS DURATION OF EVENTS


17
39.3N 15.2E
HOURS DURATION OF EVENTS

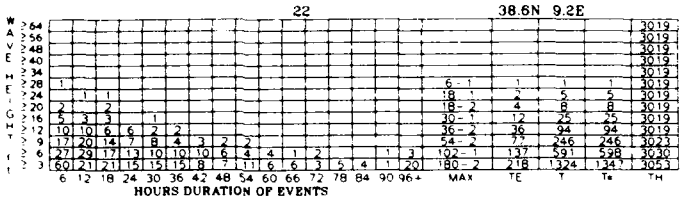

19
38.0N 0.7E
HOURS DURATION OF EVENTS

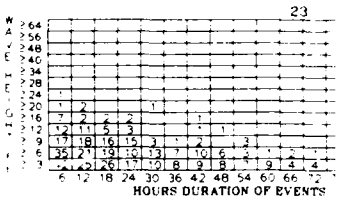

20
38.3N 4.1E
HOURS DURATION OF EVENTS

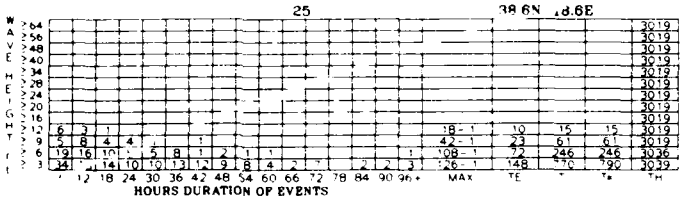
WAVE HEIGHT DURATIONS

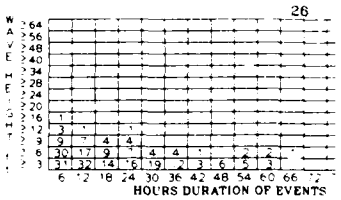


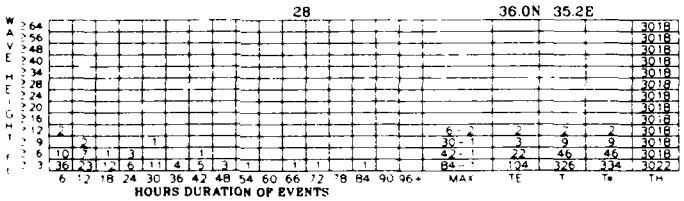
WAVE HEIGHT DURATIONS (Cont'd)

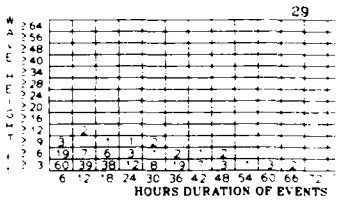


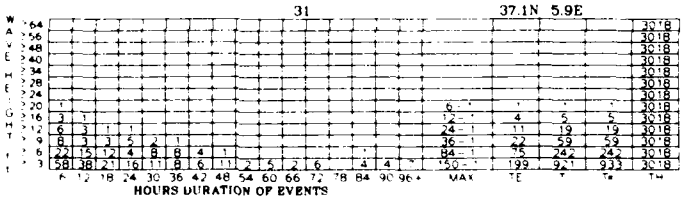


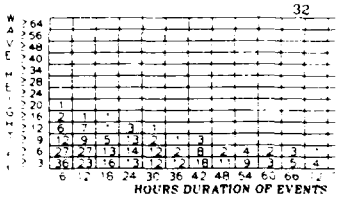


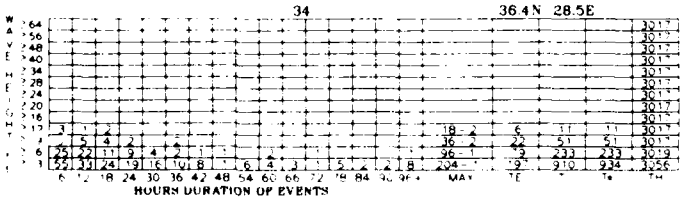


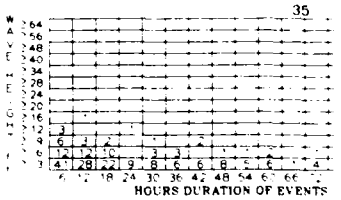


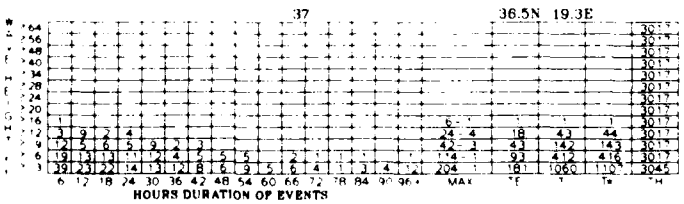


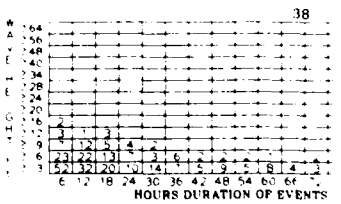


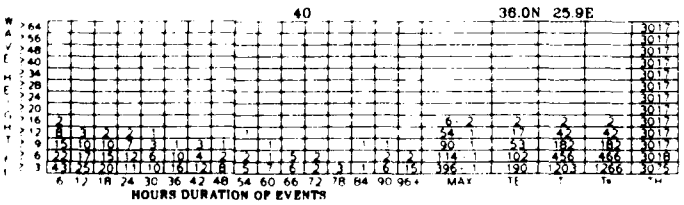


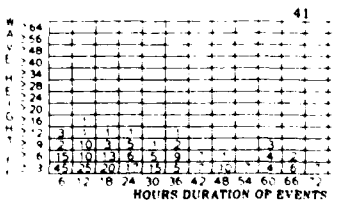






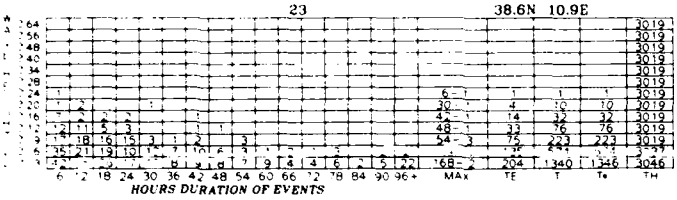




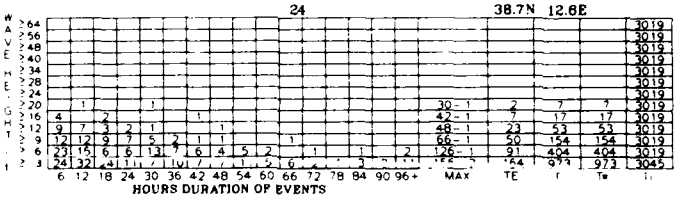


243 A

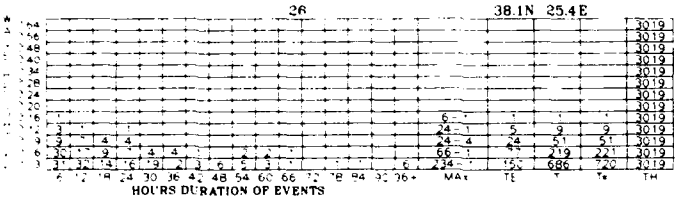
23 38.6N 10.9E



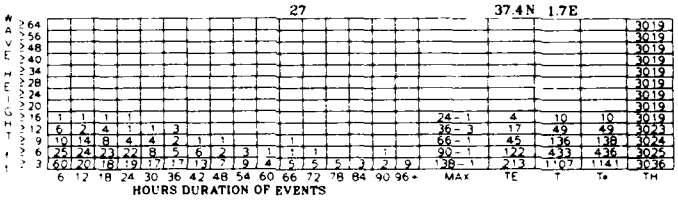
24 38.7N 12.6E



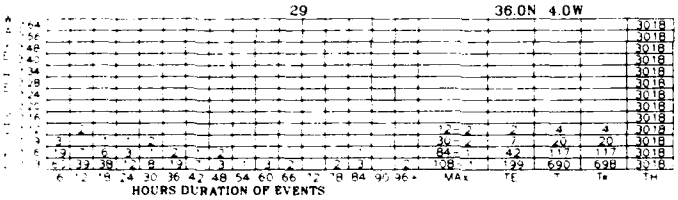
26 38.1N 25.4E



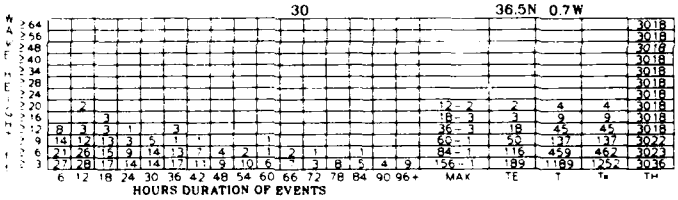
27 37.4N 1.7E



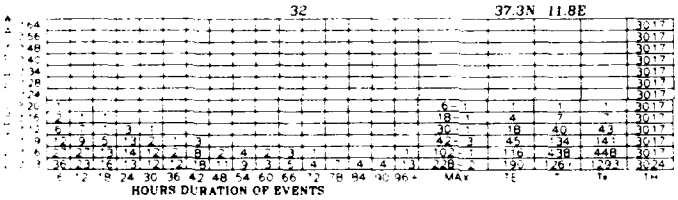
29 36.0N 4.0W



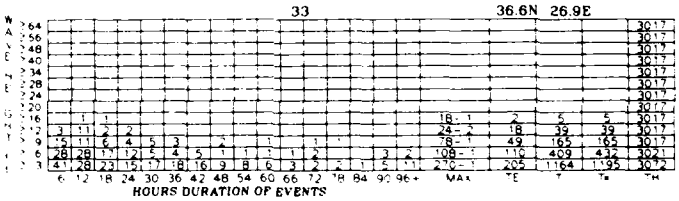
30 36.5N 0.7W



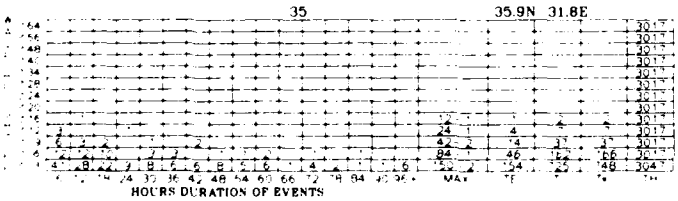
32 37.3N 11.8E



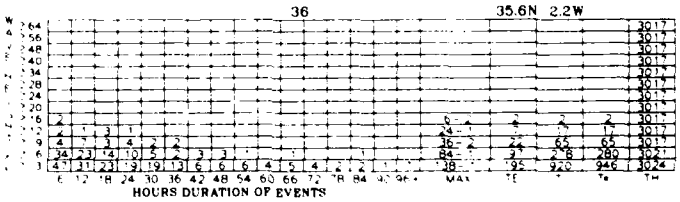
33 36.6N 26.9E



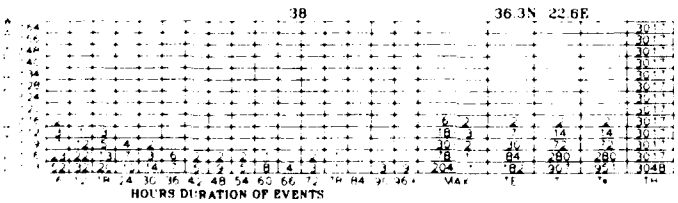
35 35.9N 31.8E



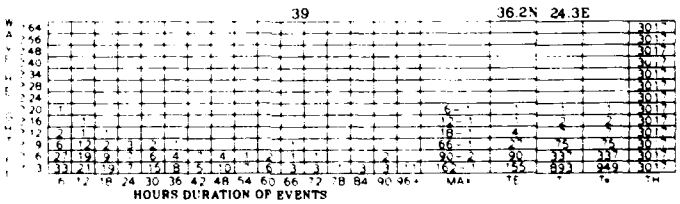
36 35.6N 2.2W



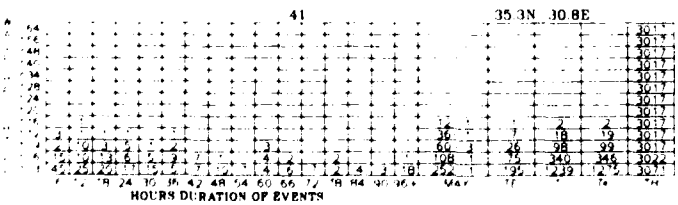
38 36.3N 22.6E



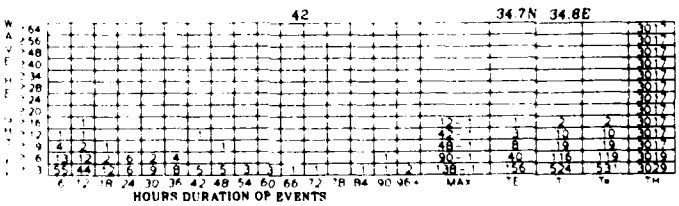
39 36.2N 24.3E

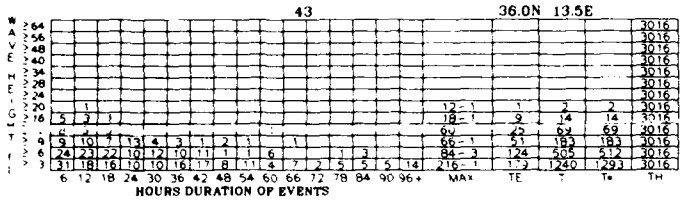


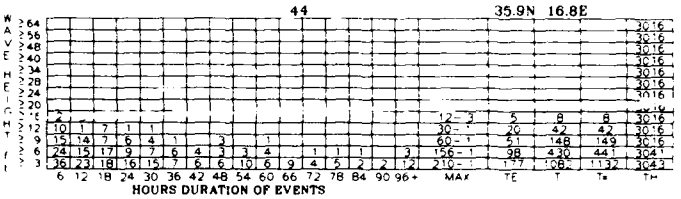
41 35.3N 30.8E

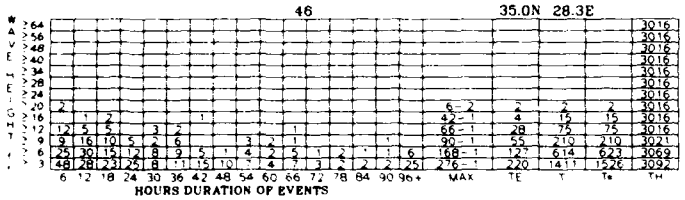


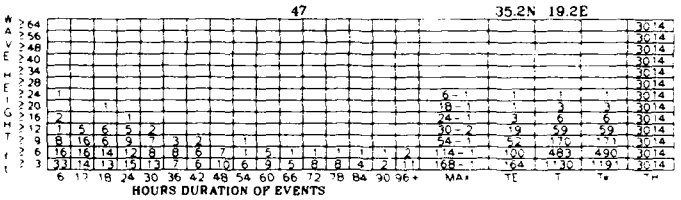
42 34.7N 34.8E

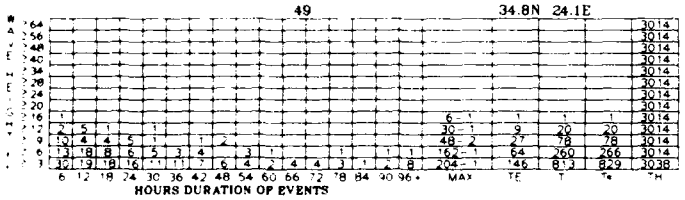


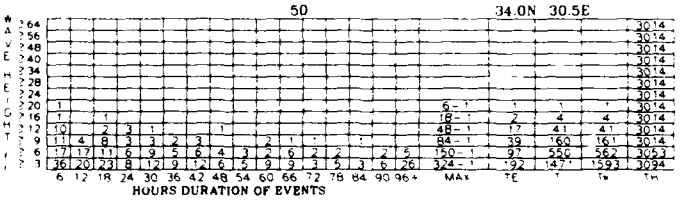

43
36.0N 13.5E
HOURS DURATION OF EVENTS

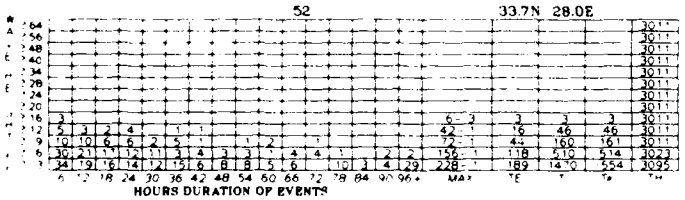

44
35.9N 16.8E
HOURS DURATION OF EVENTS

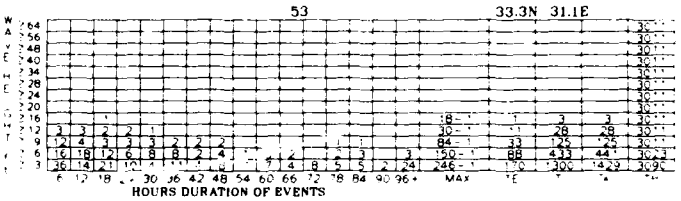

46
35.0N 28.3E
HOURS DURATION OF EVENTS

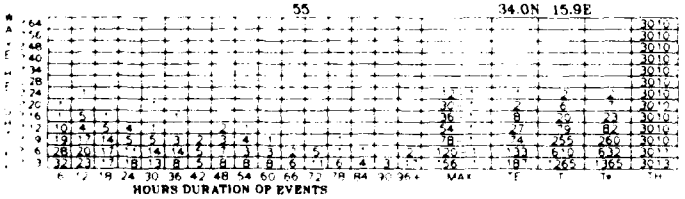

47
35.2N 19.2E
HOURS DURATION OF EVENTS

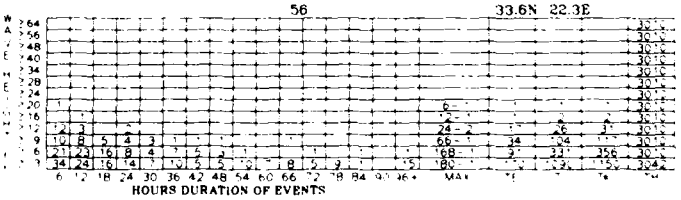

49
34.8N 24.1E
HOURS DURATION OF EVENTS

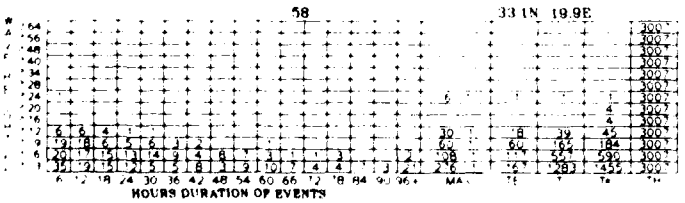

50
34.0N 30.5E
HOURS DURATION OF EVENTS

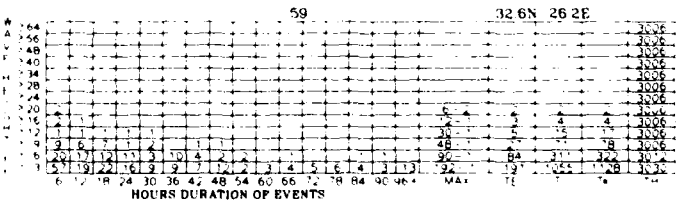

52
33.7N 28.0E
HOURS DURATION OF EVENTS

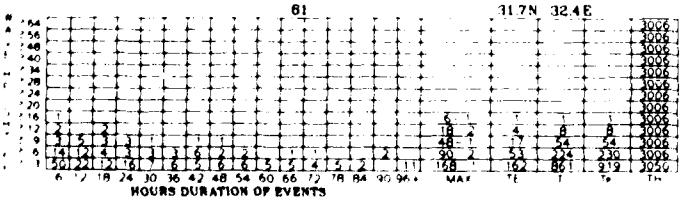

53
33.3N 31.1E
HOURS DURATION OF EVENTS

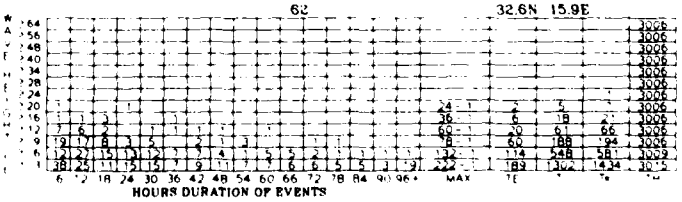

55
34.0N 15.9E
HOURS DURATION OF EVENTS


56
33.6N 22.3E
HOURS DURATION OF EVENTS


58
33.1N 19.9E
HOURS DURATION OF EVENTS

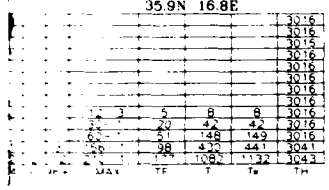

59
32.6N 26.2E
HOURS DURATION OF EVENTS


61
31.7N 32.4E
HOURS DURATION OF EVENTS

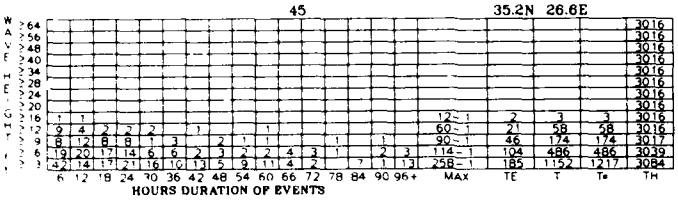

62
32.6N 15.9E
HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS (Cont'd)

35.9N 16.8E

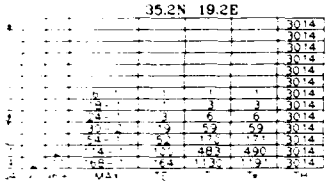


45

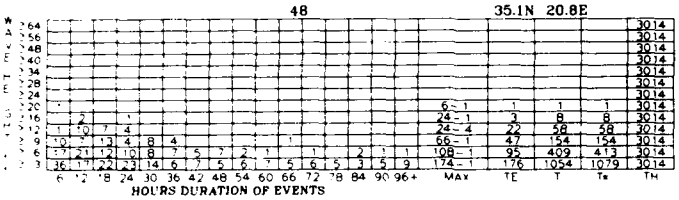


35.2N 26.6E

35.2N 19.2E

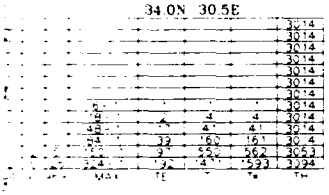


48



35.1N 20.8E

34.0N 30.5E



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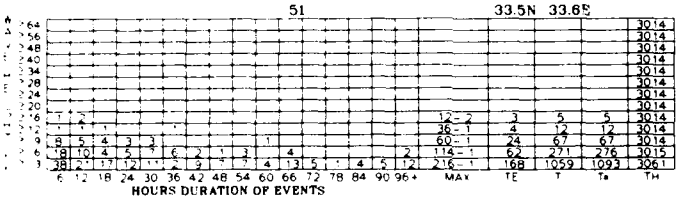
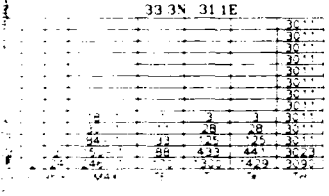
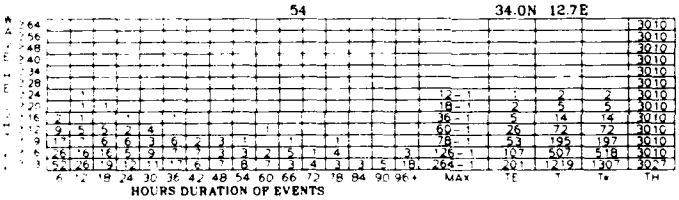


33.5N 33.6E

33.3N 31.1E

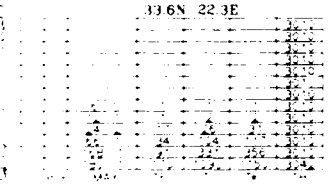


54

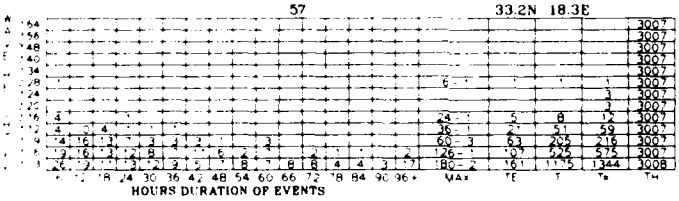


34.0N 12.7E

33.6N 22.3E

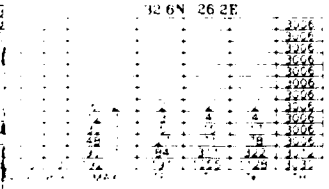


57



33.2N 18.3E

32.6N 26.2E



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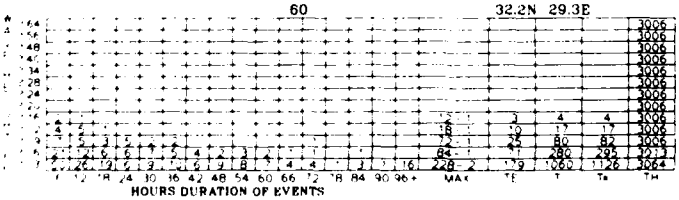
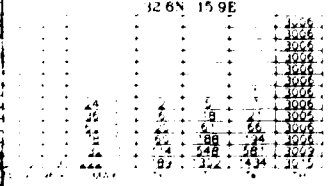
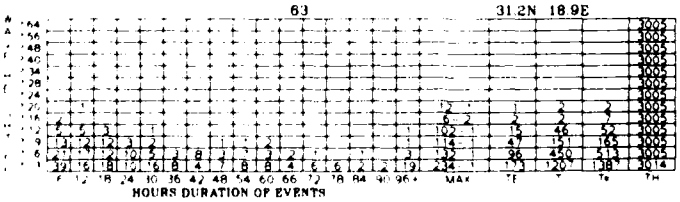


32.2N 29.3E

32.6N 15.9E

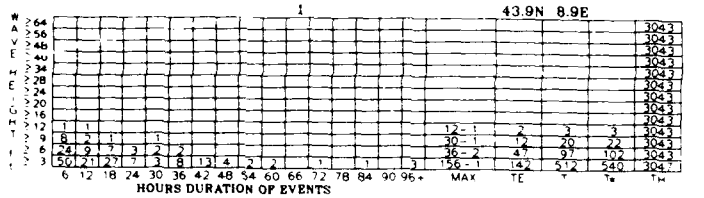


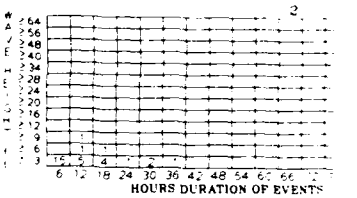
63

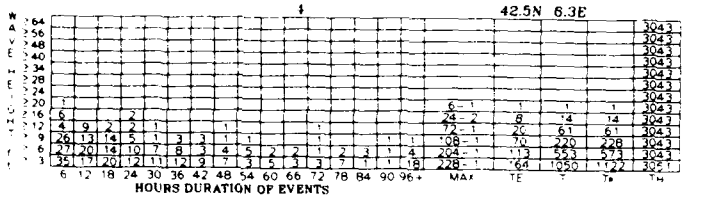


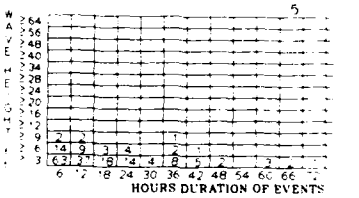
31.2N 18.9E

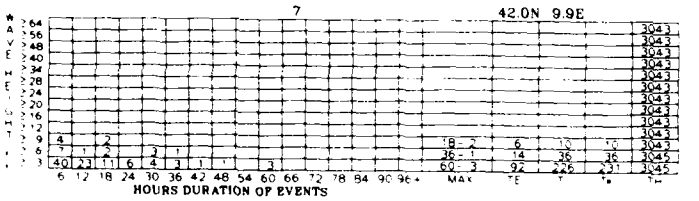
WAVE HEIGHT DURATIONS

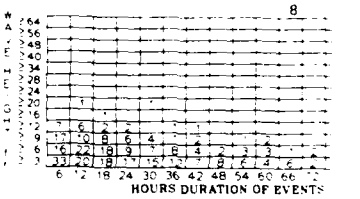


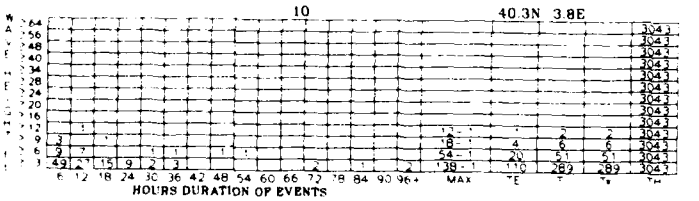


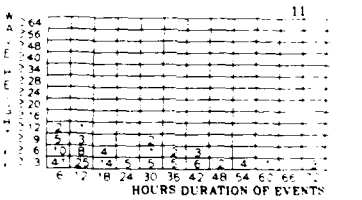


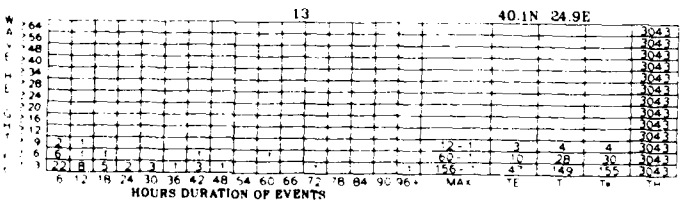


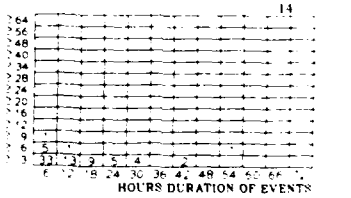


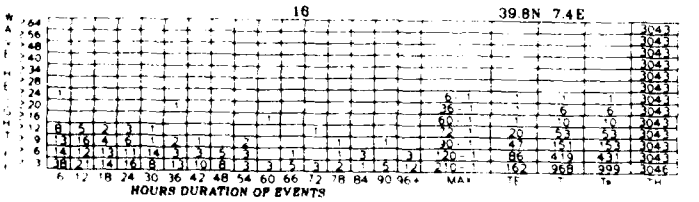


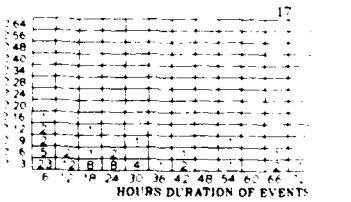


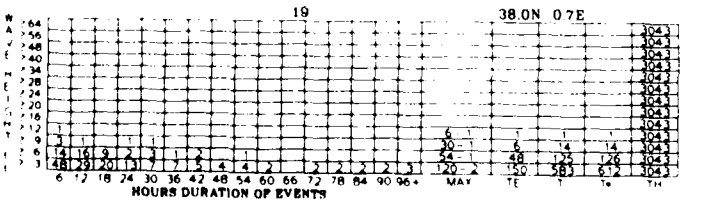


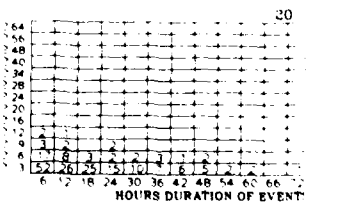


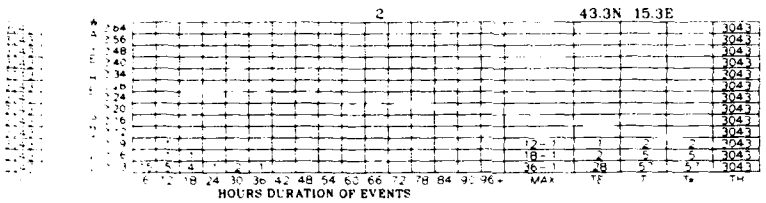


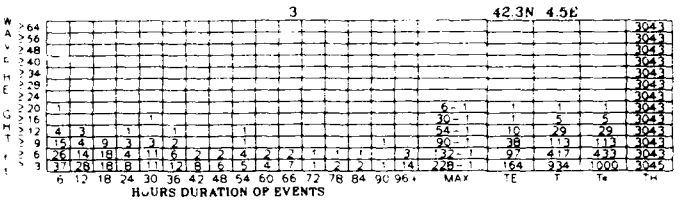


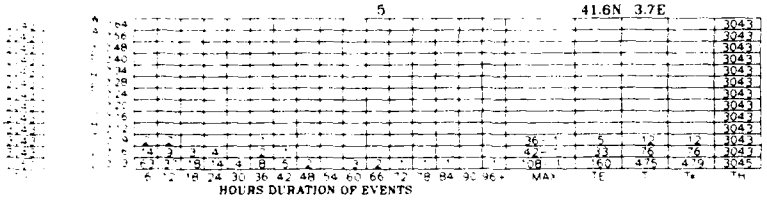


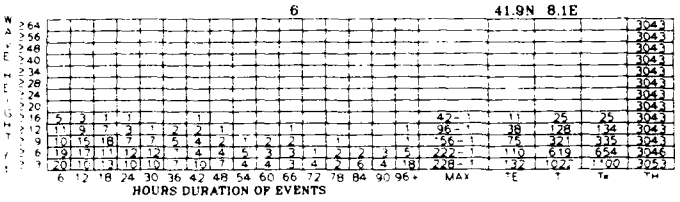


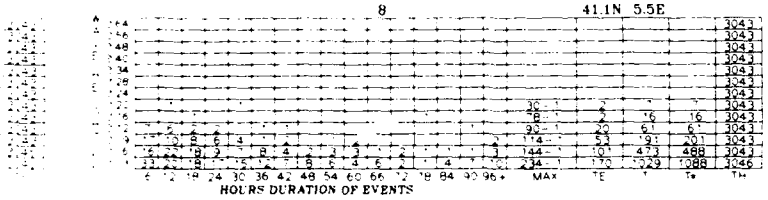


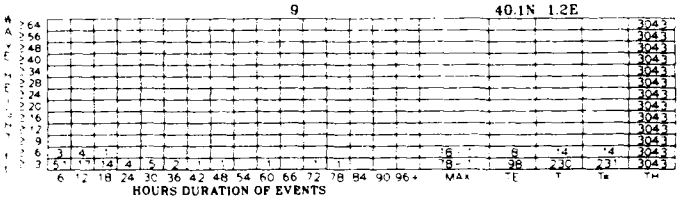

2 43.3N 15.3E
HOURS DURATION OF EVENTS

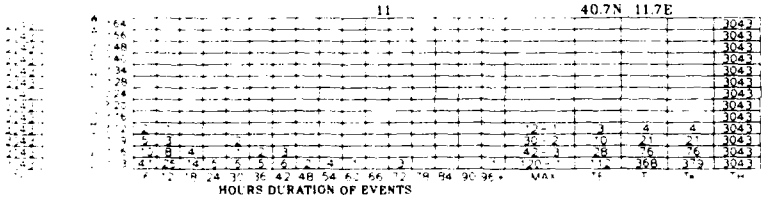

3 42.3N 4.5E
HOURS DURATION OF EVENTS

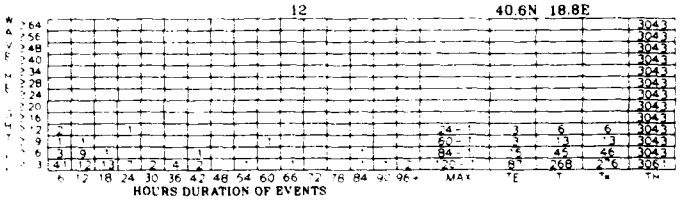

5 41.6N 3.7E
HOURS DURATION OF EVENTS

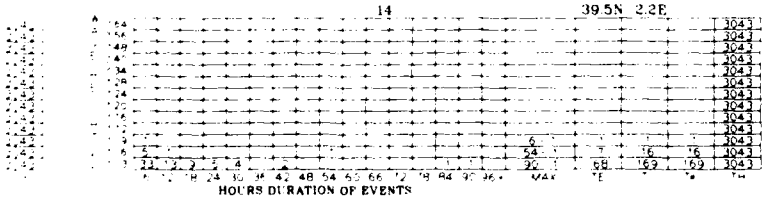

6 41.9N 8.1E
HOURS DURATION OF EVENTS

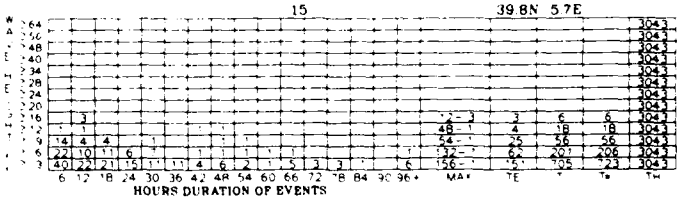

8 41.1N 5.5E
HOURS DURATION OF EVENTS

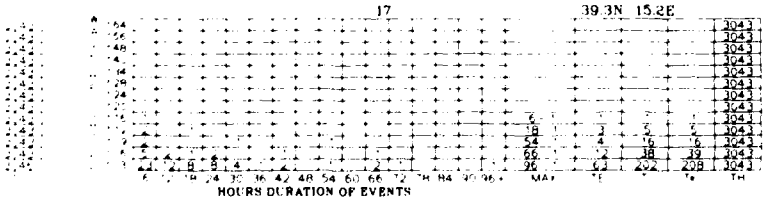

9 40.1N 1.2E
HOURS DURATION OF EVENTS

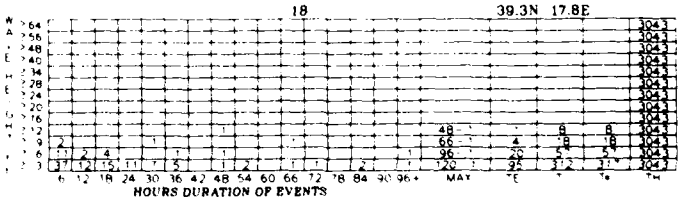

11 40.7N 11.7E
HOURS DURATION OF EVENTS

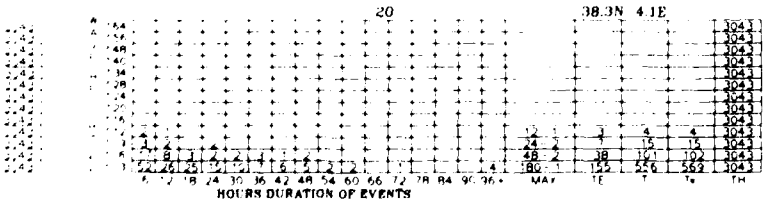

12 40.6N 18.8E
HOURS DURATION OF EVENTS

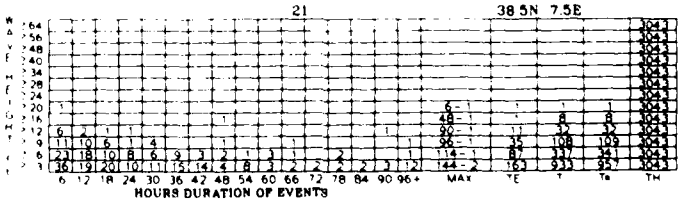

14 39.5N 2.2E
HOURS DURATION OF EVENTS


15 39.8N 5.7E
HOURS DURATION OF EVENTS


17 39.3N 15.2E
HOURS DURATION OF EVENTS

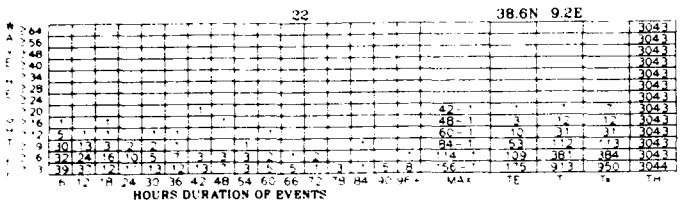

18 39.3N 17.8E
HOURS DURATION OF EVENTS

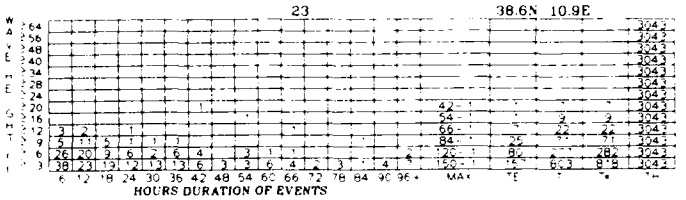

20 38.3N 4.1E
HOURS DURATION OF EVENTS

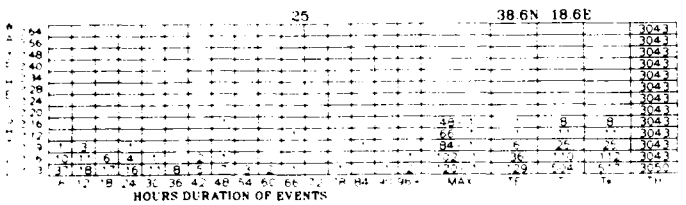

21 38.5N 7.5E
HOURS DURATION OF EVENTS

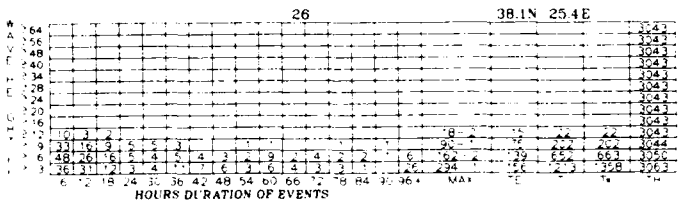
SUMMER

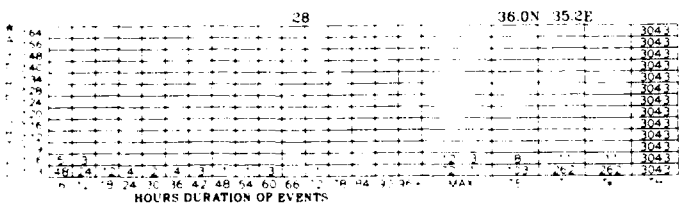
WAVE HEIGHT

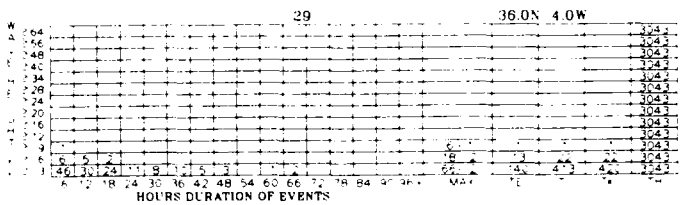


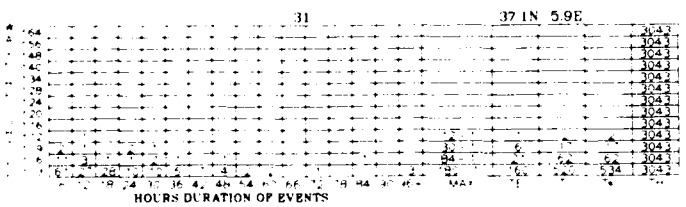


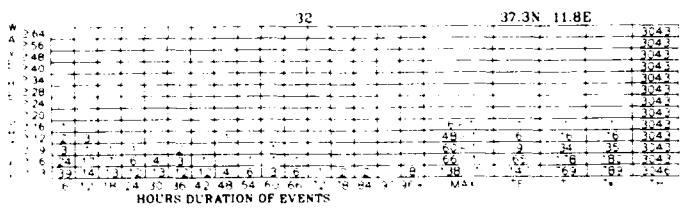


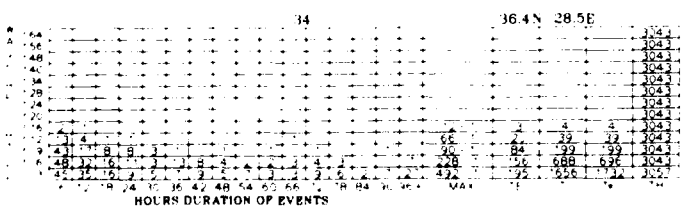


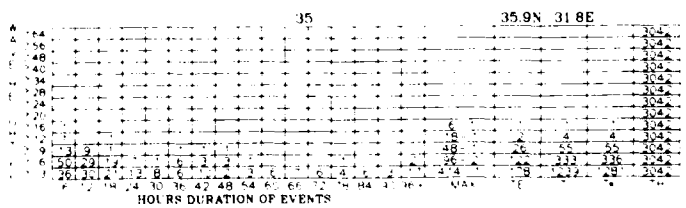


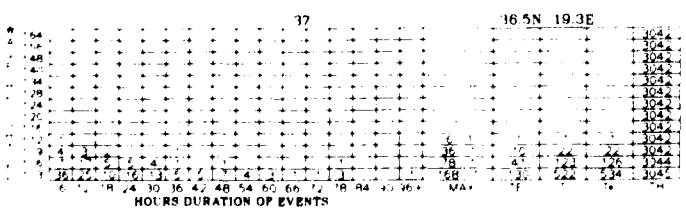


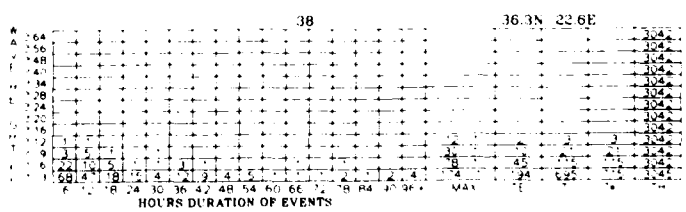


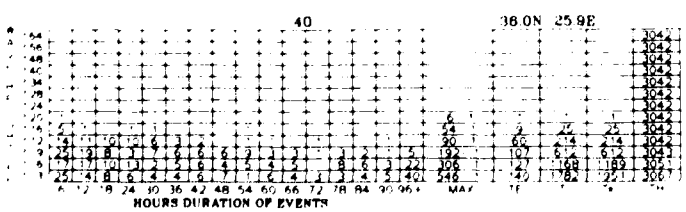


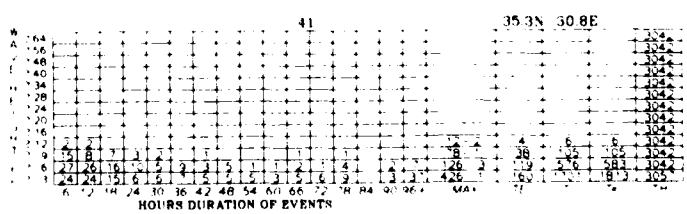






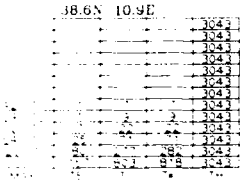




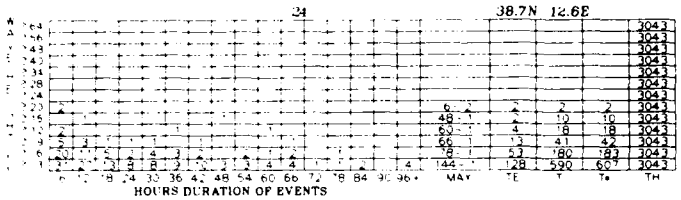


WAVE HEIGHT DURATIONS (Cont'd)

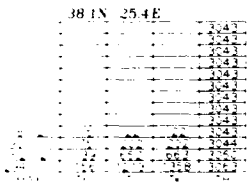
38.6N 10.9E



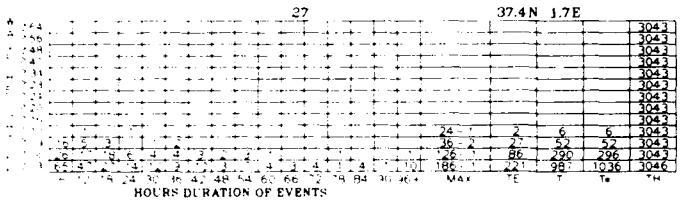
34 38.7N 12.6E



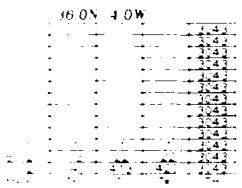
38.1N 25.4E



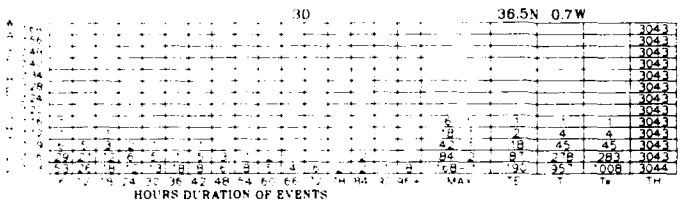
27 37.4N 1.7E



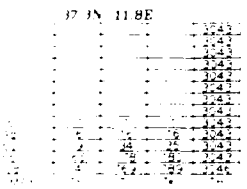
36.0N 4.0W



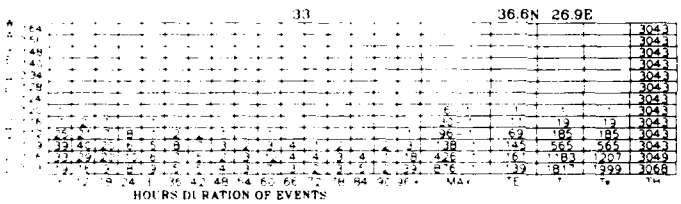
30 36.5N 0.7W



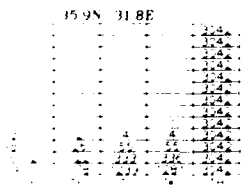
37.3N 11.8E



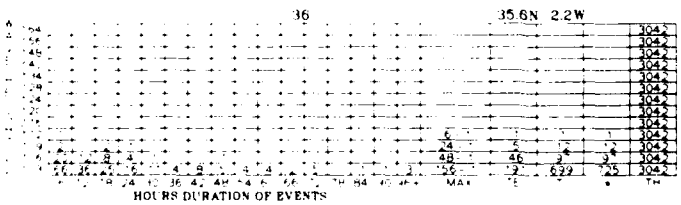
33 36.6N 26.9E



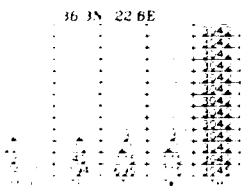
35.9N 31.8E



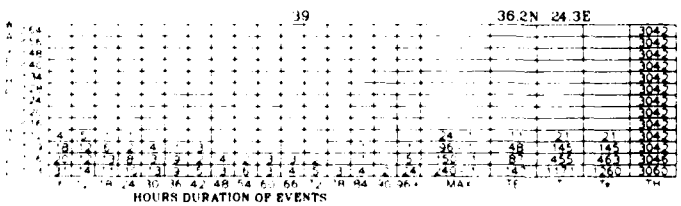
36 35.6N 2.2W



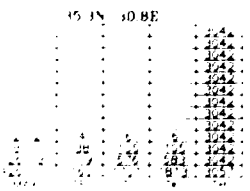
36.3N 22.6E



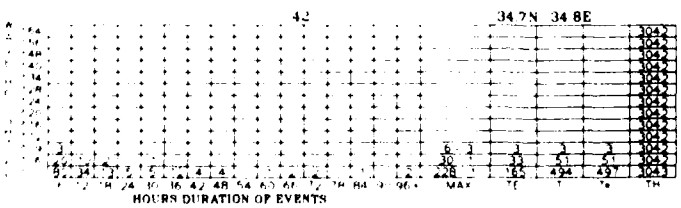
39 36.2N 24.3E



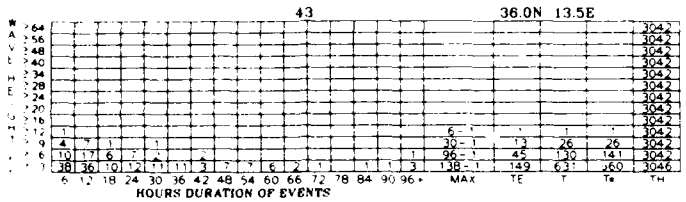
35.3N 30.8E

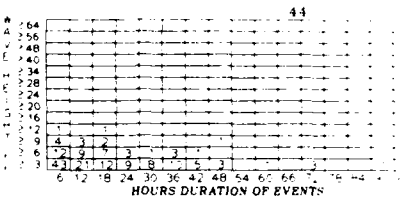


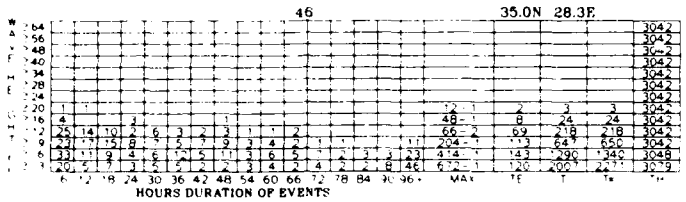
42 34.7N 34.8E

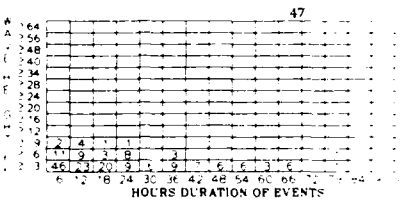


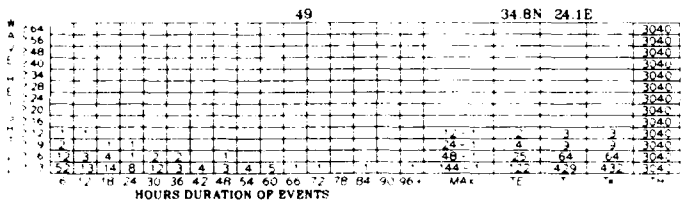
WAVE HEIGHT DURATIONS (Cont'd)

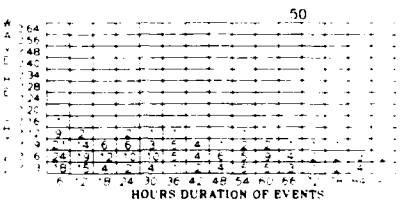


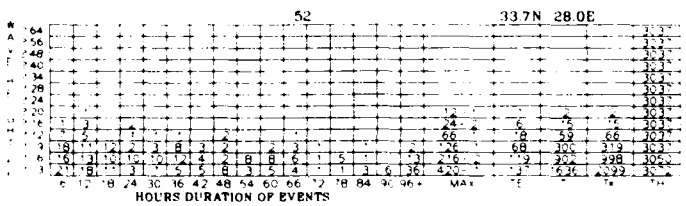


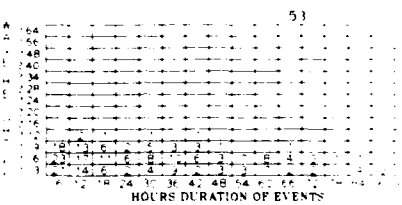


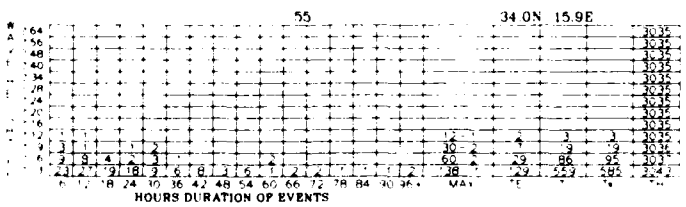


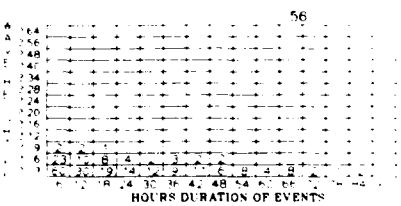


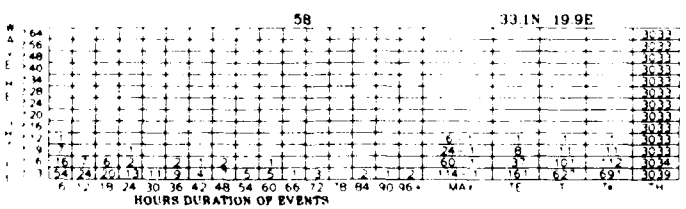


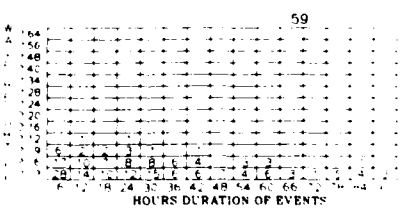


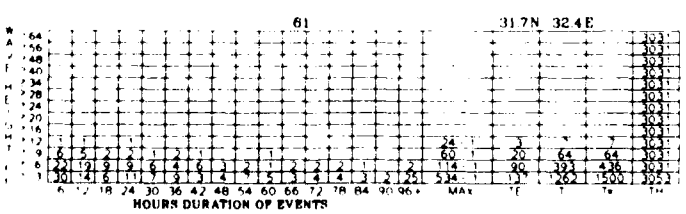


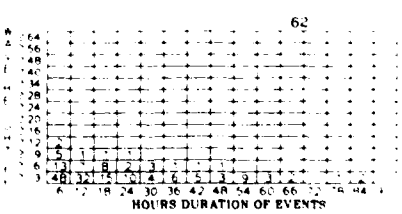


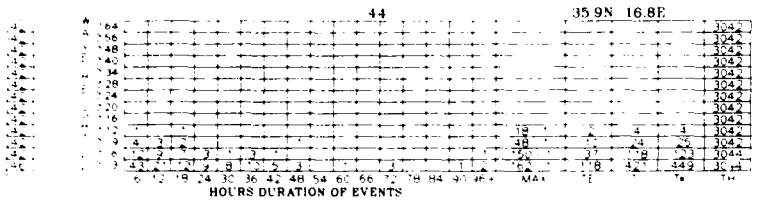


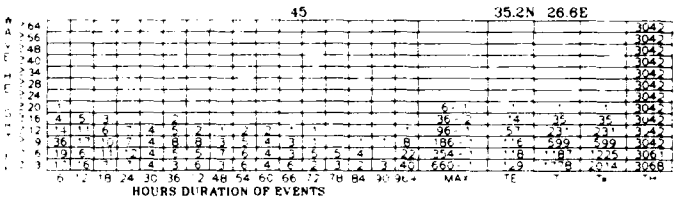









44
35.9N 16.8E
HOURS DURATION OF EVENTS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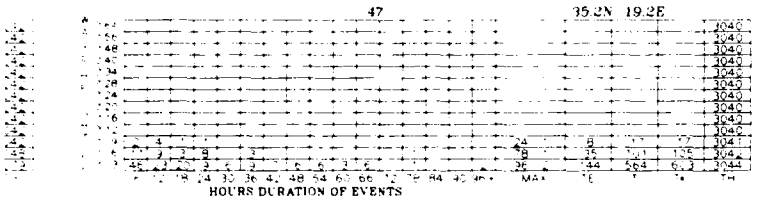
35.2N 26.6E
HOURS DURATION OF EVENTS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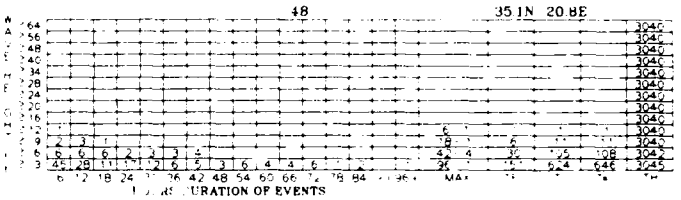
35.2N 19.2E
HOURS DURATION OF EVENTS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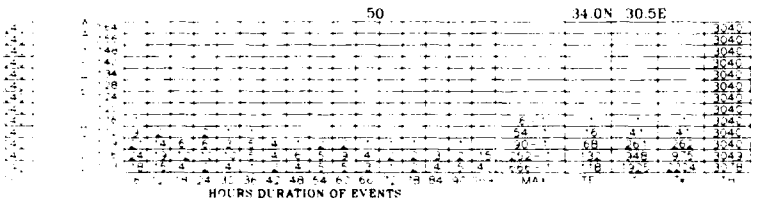
35.1N 20.8E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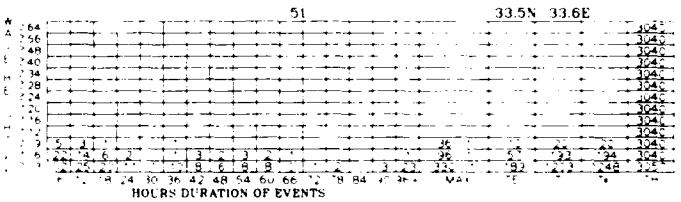
34.0N 30.5E
HOURS DURATION OF EVENTS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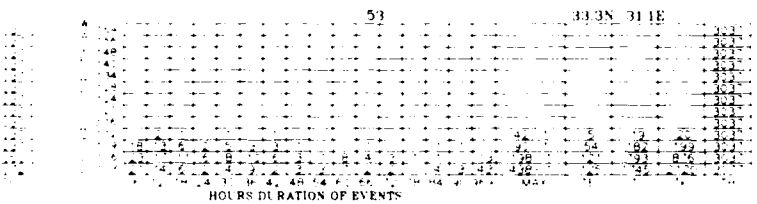
33.5N 33.6E
HOURS DURATION OF EVENTS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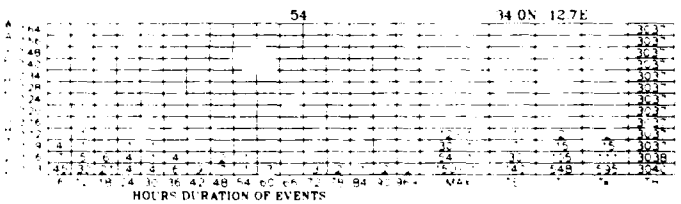
33.3N 31.1E
HOURS DURATION OF EVENTS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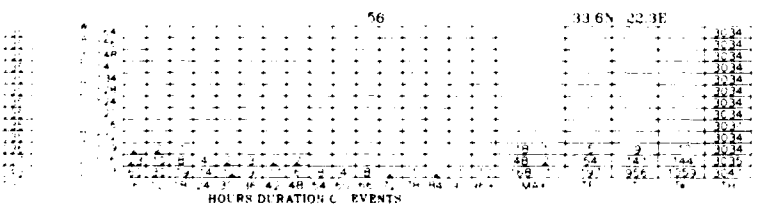
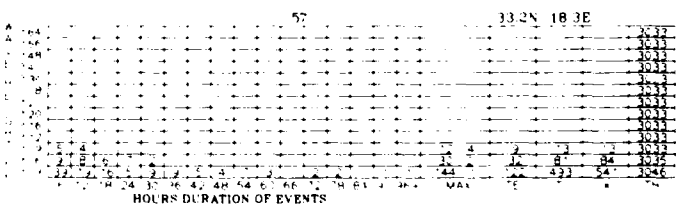
34.0N 12.7E
HOURS DURATION OF EVENTS


56
33.6N 22.3E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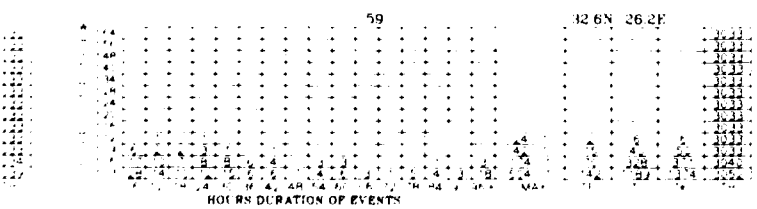
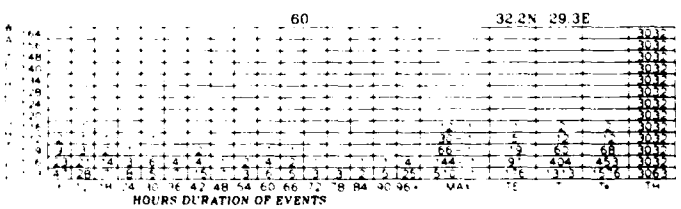
33.2N 18.3E
HOURS DURATION OF EVENTS


59
32.6N 26.2E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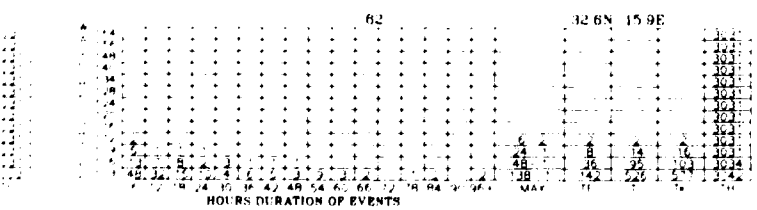
32.2N 29.3E
HOURS DURATION OF EVENTS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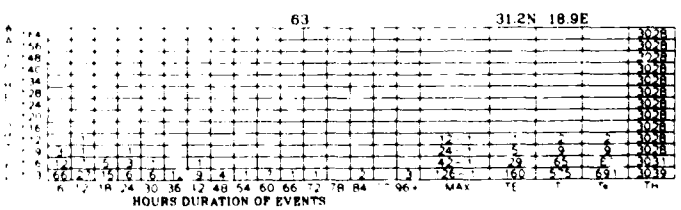
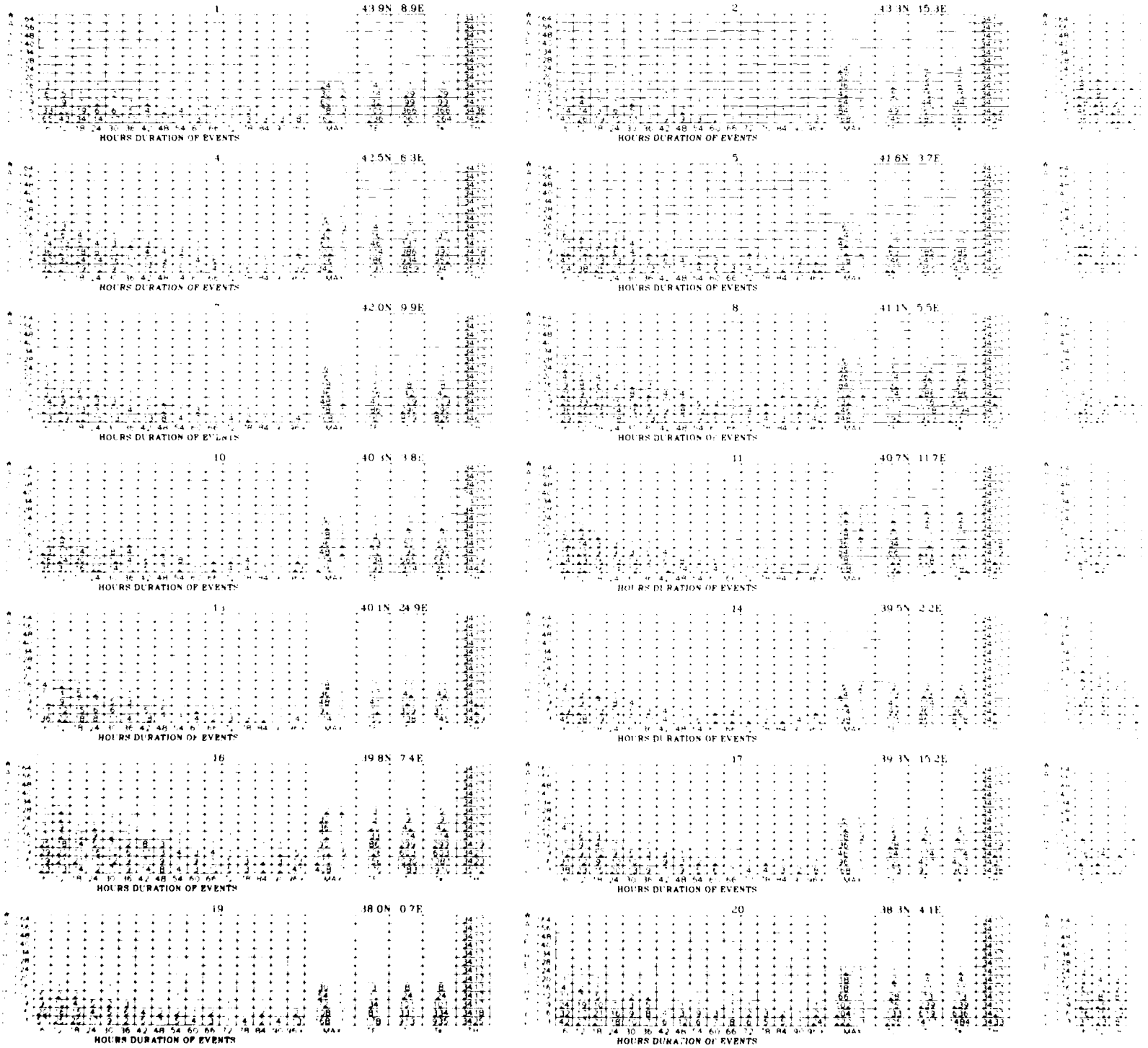
32.6N 15.9E
HOURS DURATION OF EVENTS

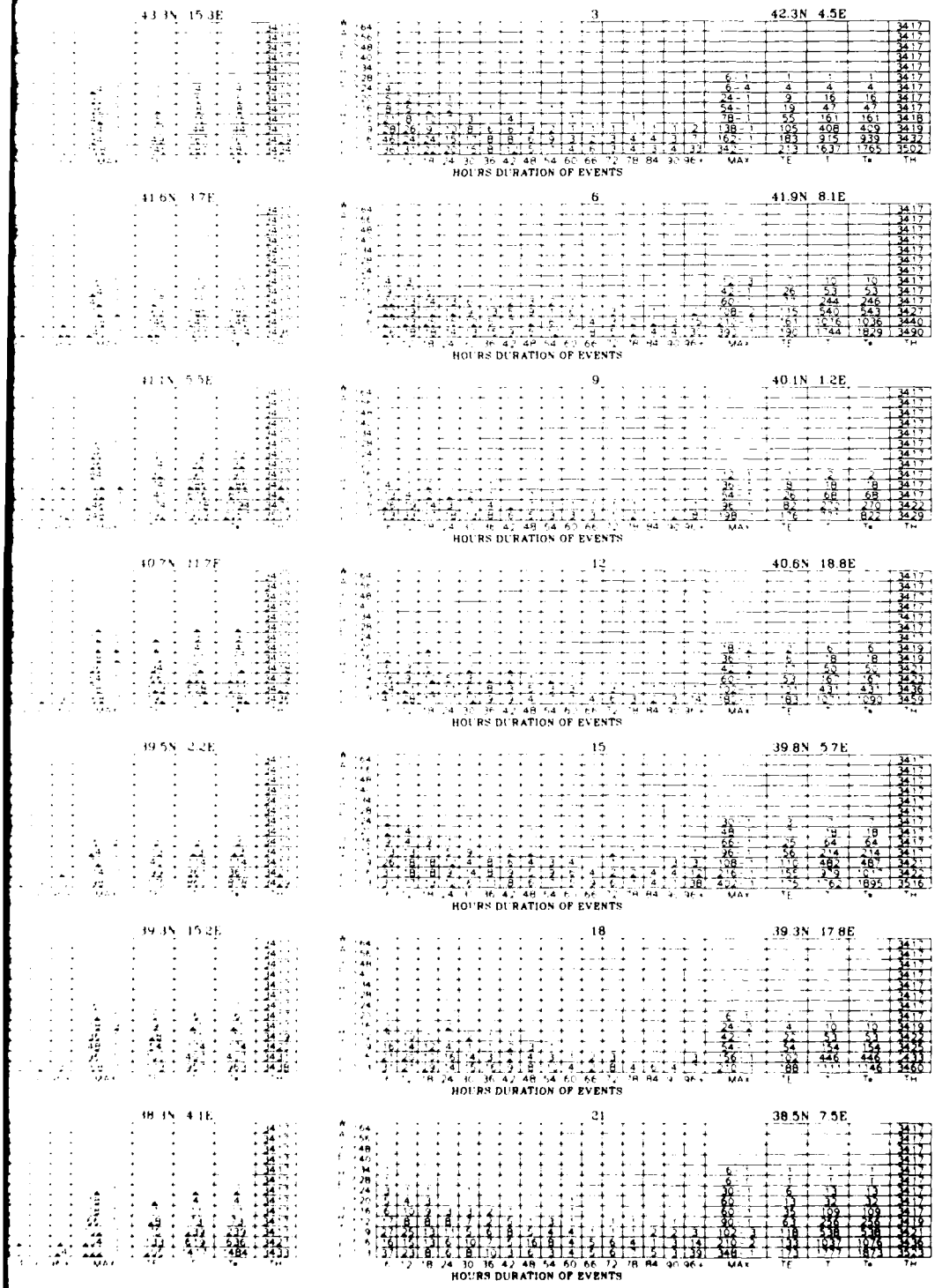

63
31.2N 18.9E
HOURS DURATION OF EVENTS

FALL

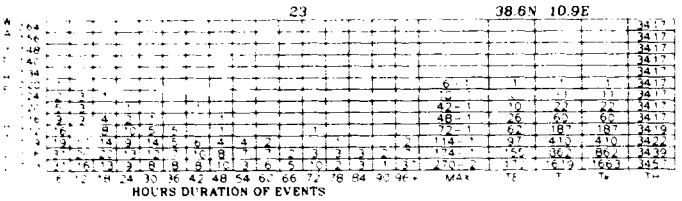
WAVE H


1
43.9N 8.9E
HOURS DURATION OF EVENTS
2
43.3N 15.3E
HOURS DURATION OF EVENTS
4
42.5N 6.3E
HOURS DURATION OF EVENTS
5
41.6N 3.7E
HOURS DURATION OF EVENTS
7
42.0N 9.9E
HOURS DURATION OF EVENTS
8
41.1N 5.5E
HOURS DURATION OF EVENTS
10
HOURS DURATION OF EVENTS
11
40.7N 11.7E
HOURS DURATION OF EVENTS
13
40.1N 24.9E
HOURS DURATION OF EVENTS
14
39.5N 2.2E
HOURS DURATION OF EVENTS
16
19.8N 7.4E
HOURS DURATION OF EVENTS
17
39.3N 15.2E
HOURS DURATION OF EVENTS
19
38.0N 0.7E
HOURS DURATION OF EVENTS
20
38.3N 4.1E
HOURS DURATION OF EVENTS

WAVE HEIGHT DURATIONS



WAVE HEIGHT DURATIONS (Cont'd)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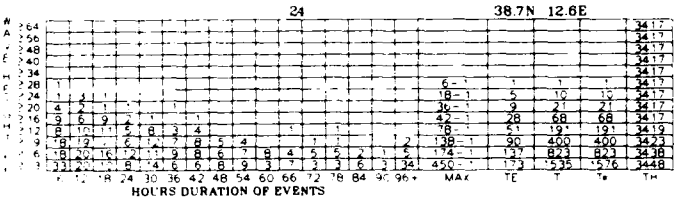
38.6N 10.9E
HOURS DURATION OF EVENTS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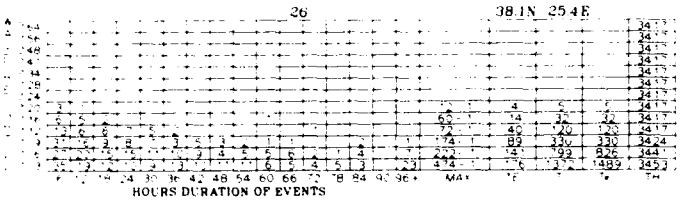
38.7N 12.6E
HOURS DURATION OF EVENTS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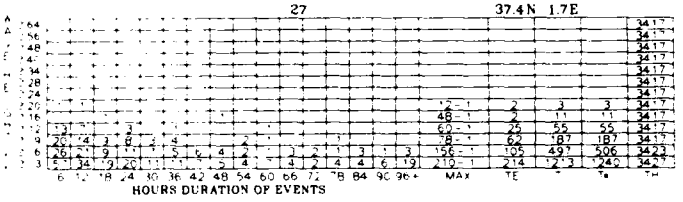
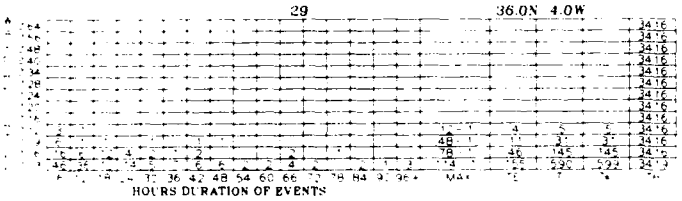
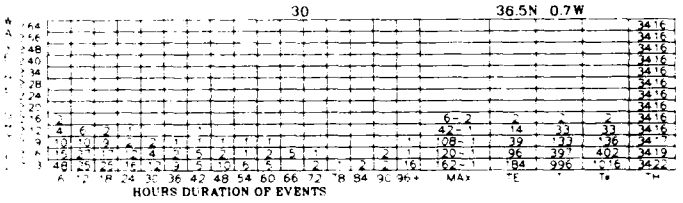
38.1N 25.4E
HOURS DURATION OF EVENTS


27
37.4N 1.7E
HOURS DURATION OF EVENTS


29
36.0N 4.0W
HOURS DURATION OF EVENTS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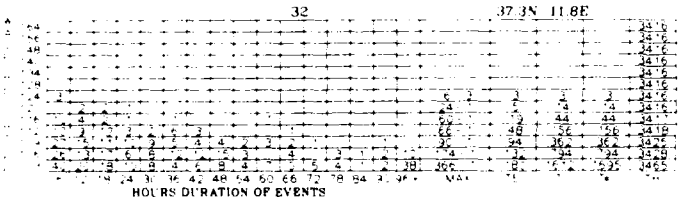
36.5N 0.7W
HOURS DURATION OF EVENTS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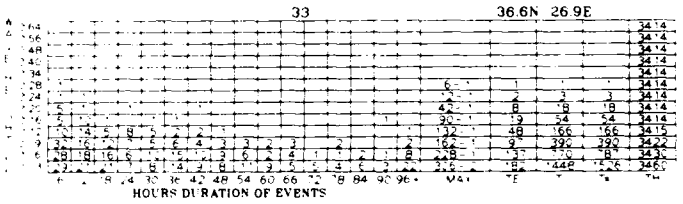
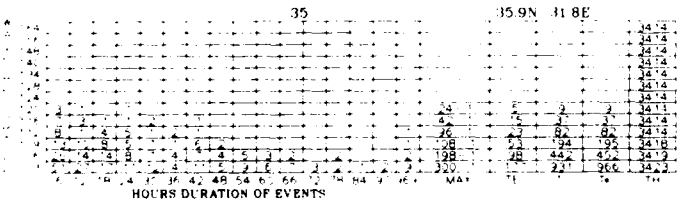
37.3N 11.8E
HOURS DURATION OF EVENTS


33
36.6N 26.9E
HOURS DURATION OF EVENTS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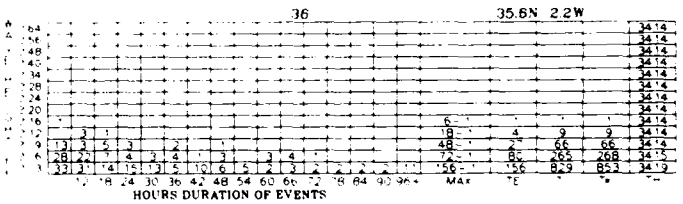
35.9N 31.8E
HOURS DURATION OF EVENTS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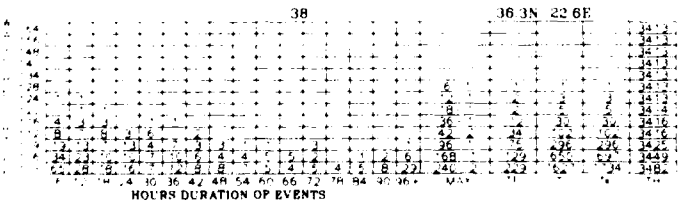
35.8N 2.2W
HOURS DURATION OF EVENTS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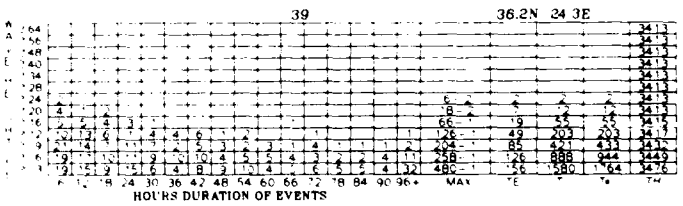
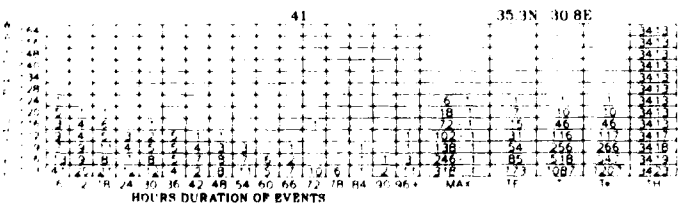
36.3N 22.6E
HOURS DURATION OF EVENTS


39
36.2N 24.3E
HOURS DURATION OF EVENTS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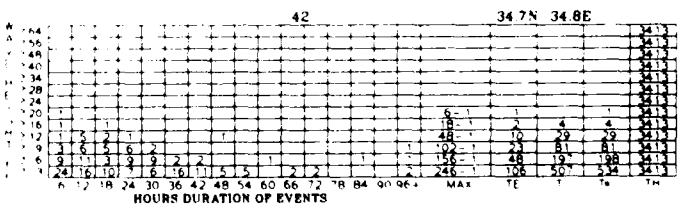
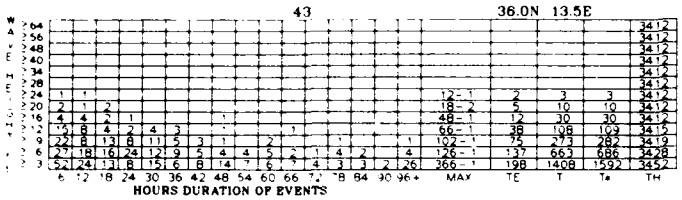
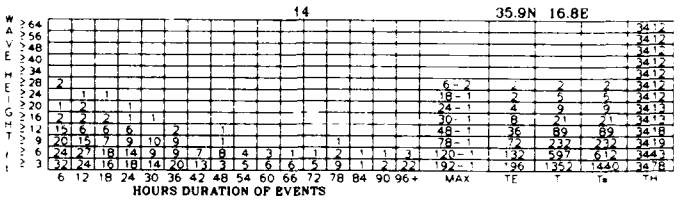
35.3N 30.8E
HOURS DURATION OF EVENTS

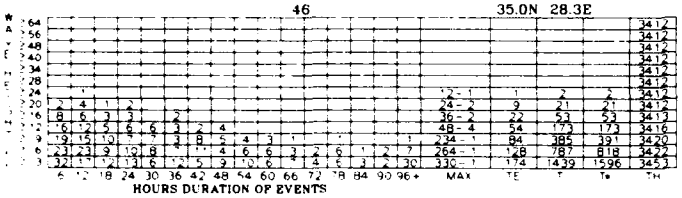

42
34.7N 34.8E
HOURS DURATION OF EVENTS

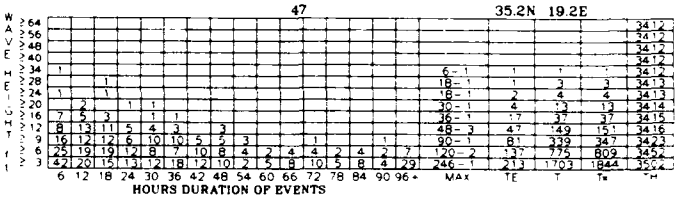
FALL

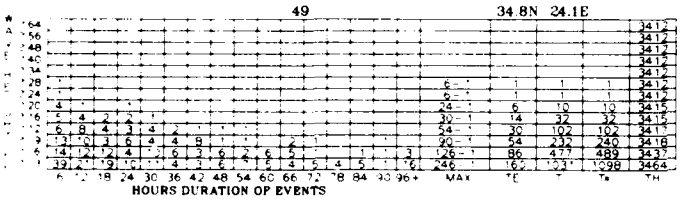
WAVE HEI

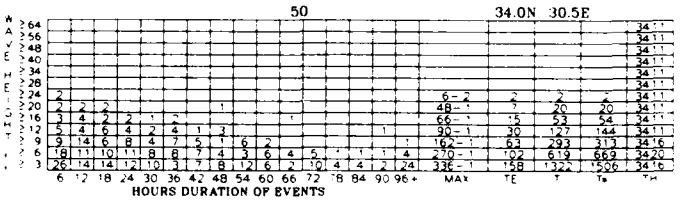


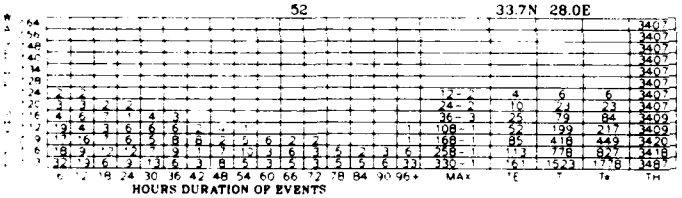


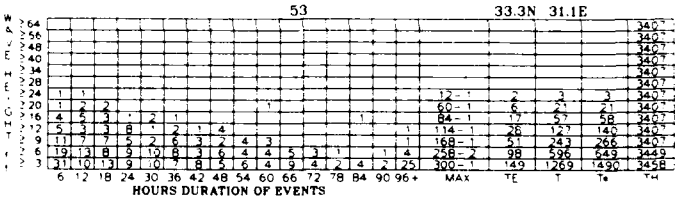


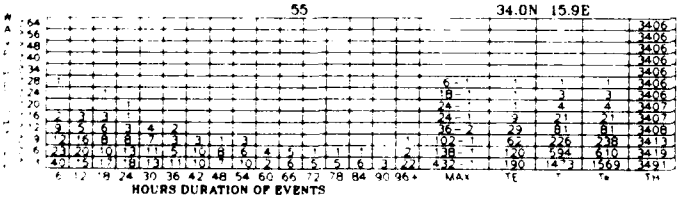


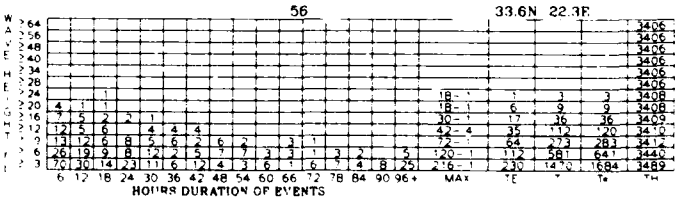


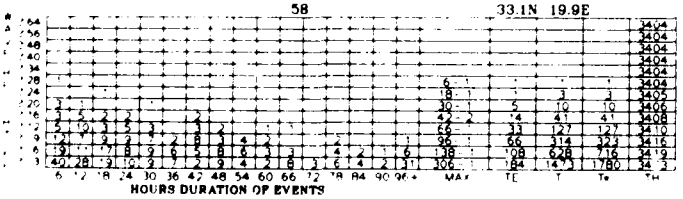


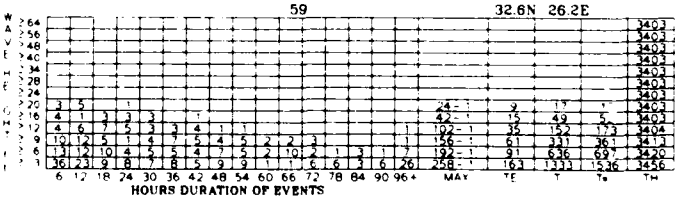


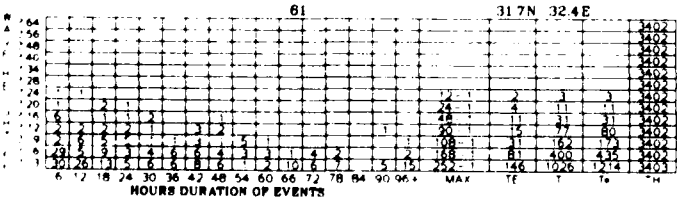


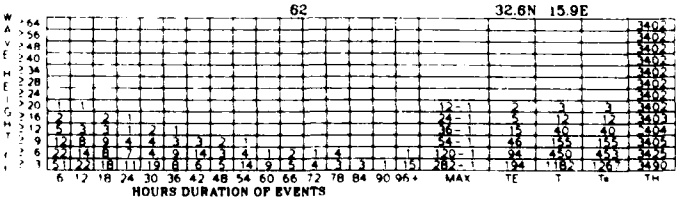






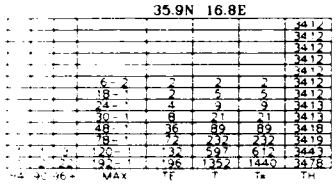




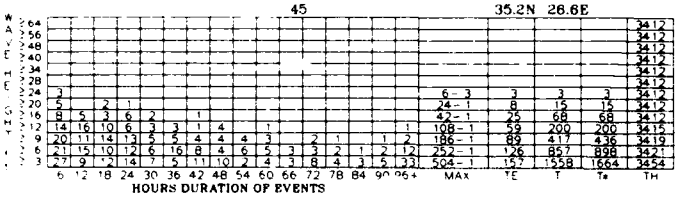


WAVE HEIGHT DURATIONS (Cont'd)

35.9N 16.8E

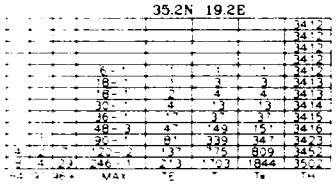


45

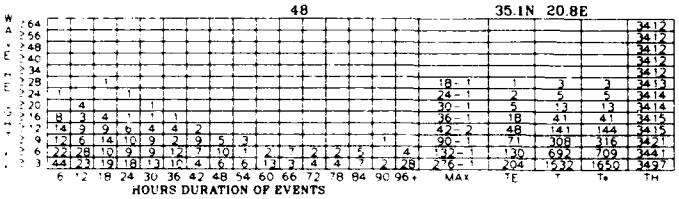


35.2N 26.6E

35.2N 19.2E

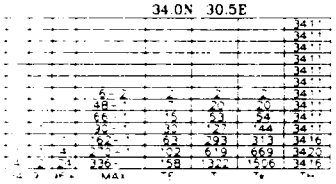


48

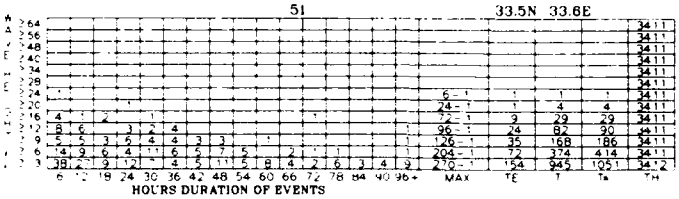


35.1N 20.8E

34.0N 30.5E

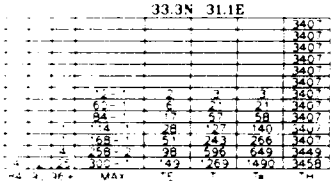


51

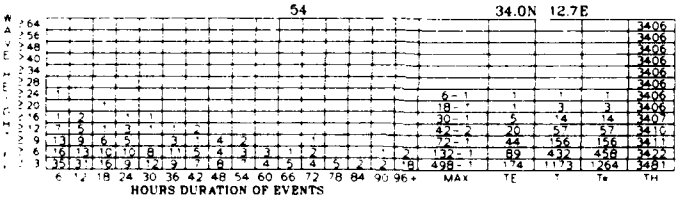


33.5N 33.6E

33.3N 31.1E

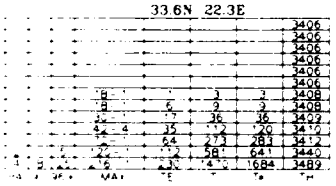


54

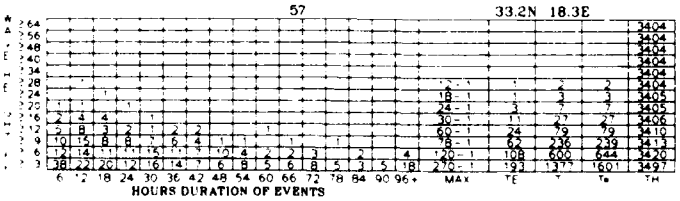


34.0N 12.7E

33.6N 22.3E

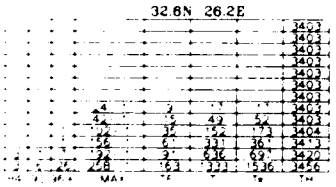


57



33.2N 18.3E

32.6N 26.2E



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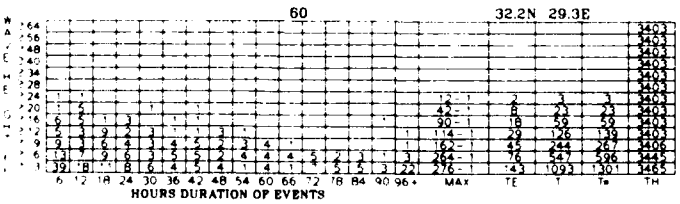
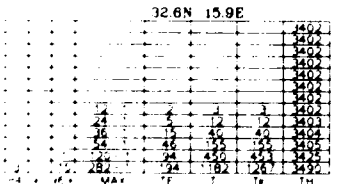
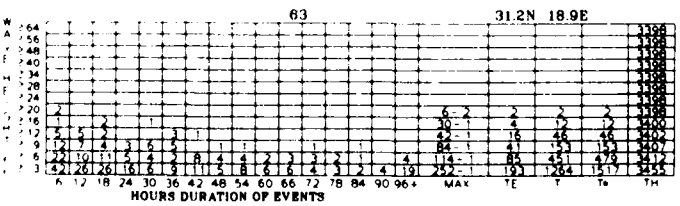


32.2N 29.3E

32.6N 15.9E



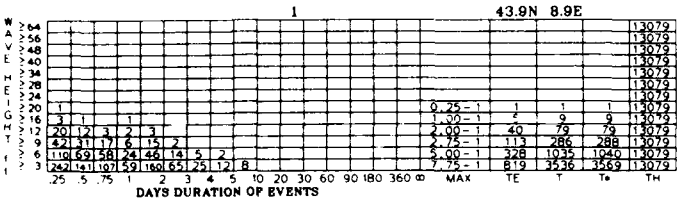
63

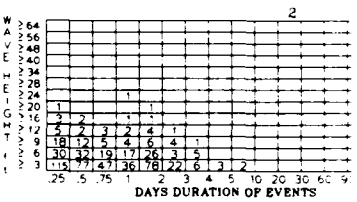


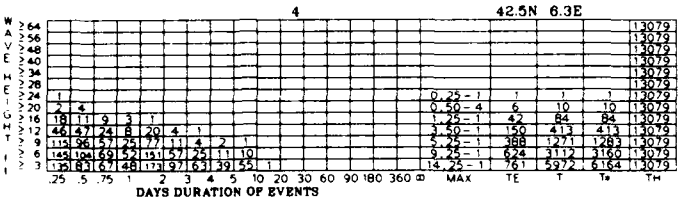
31.2N 18.9E

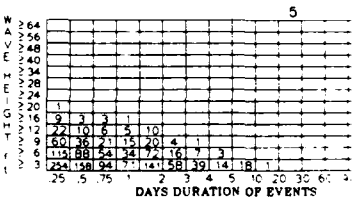
~50 B

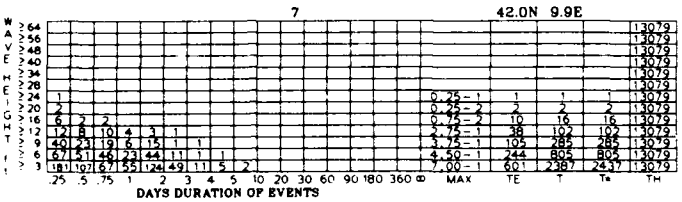
WAVE HEIGHT DURATIONS

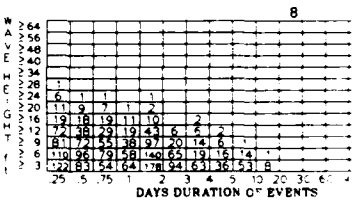


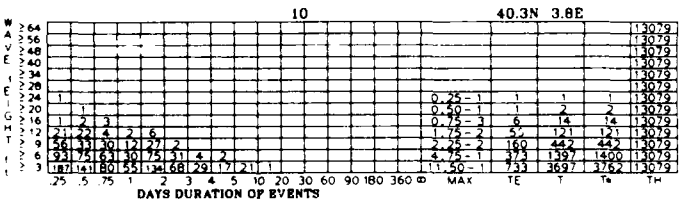


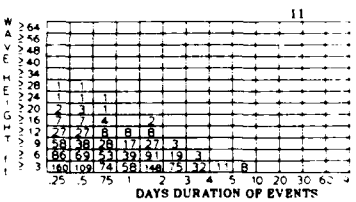


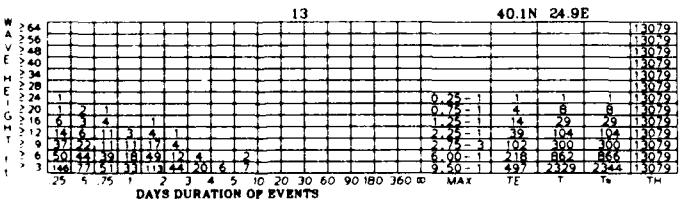


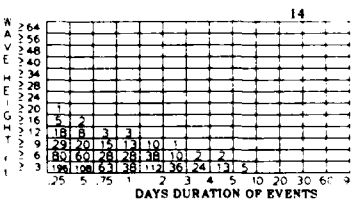


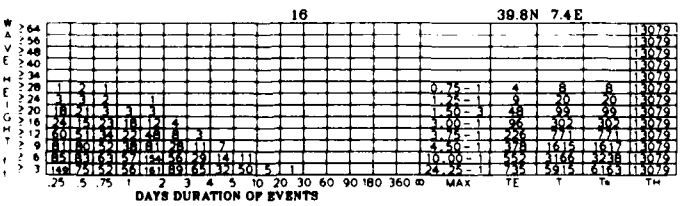


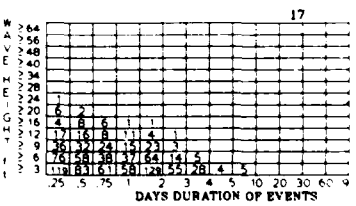


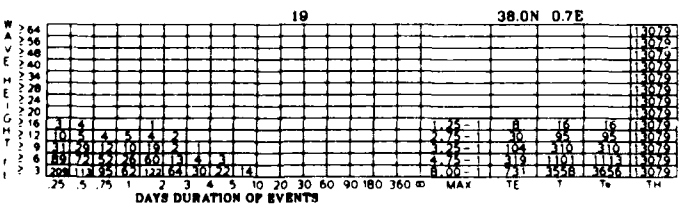


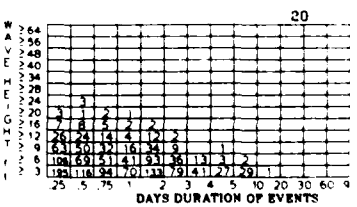






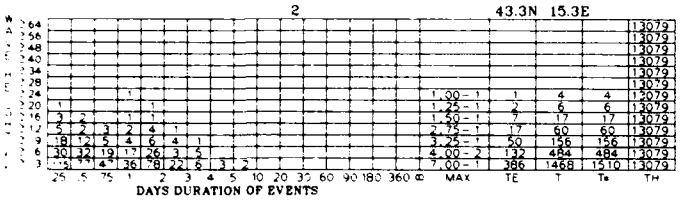


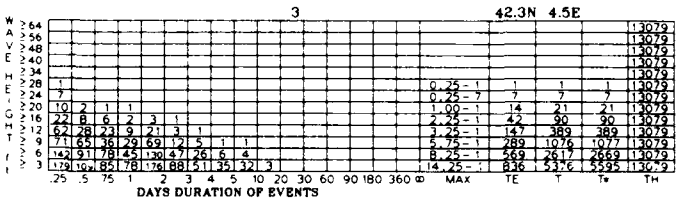


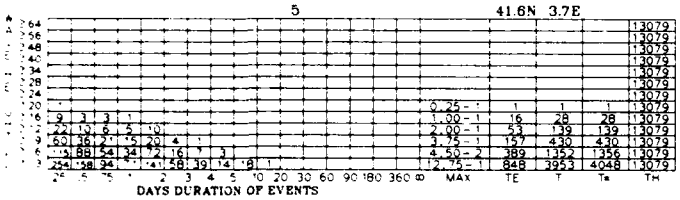


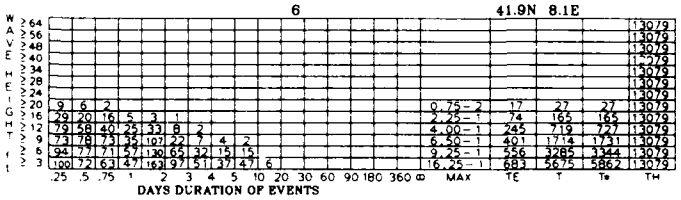
251 A

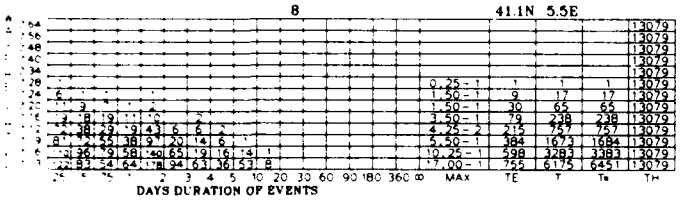
ANNUAL

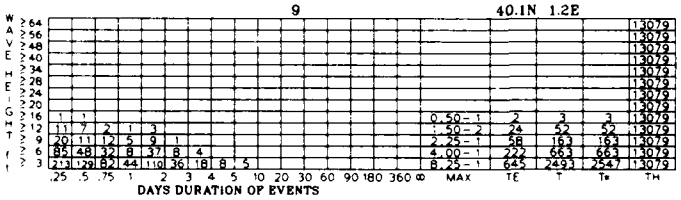

2
43.3N 15.3E
DAYS DURATION OF EVENTS

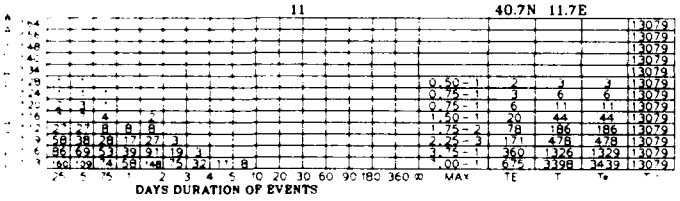

3
42.3N 4.5E
DAYS DURATION OF EVENTS

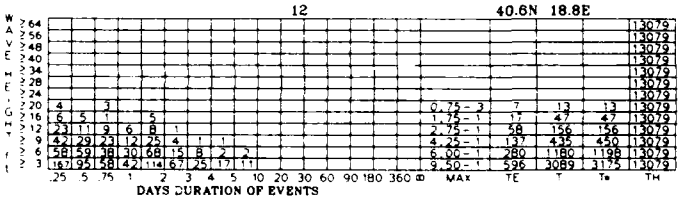

5
41.6N 3.7E
DAYS DURATION OF EVENTS

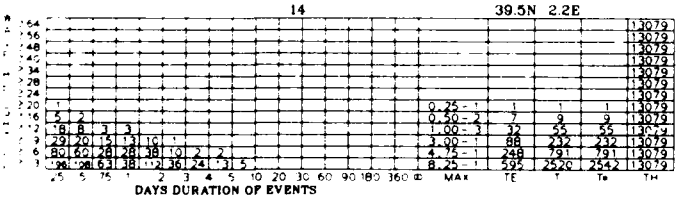

6
41.9N 8.1E
DAYS DURATION OF EVENTS

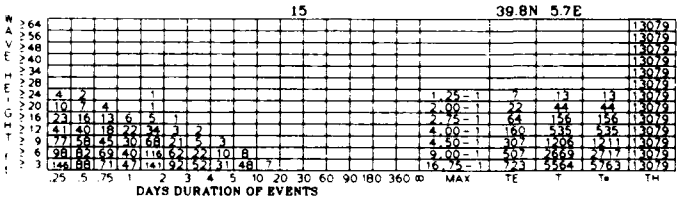

8
41.1N 5.5E
DAYS DURATION OF EVENTS

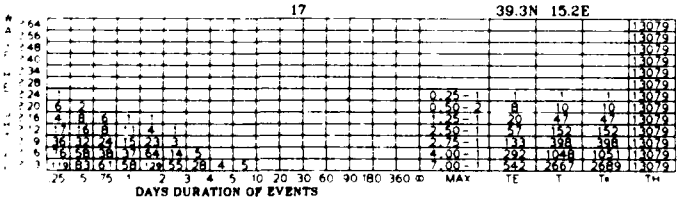

9
40.1N 1.2E
DAYS DURATION OF EVENTS

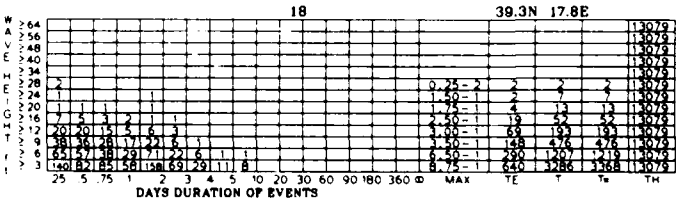

11
40.7N 11.7E
DAYS DURATION OF EVENTS

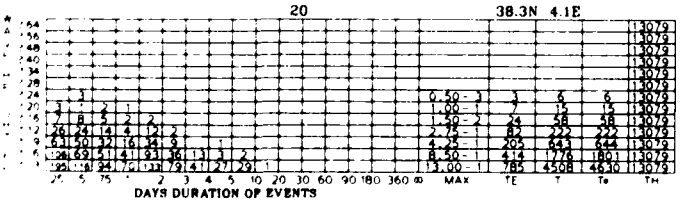

12
40.6N 18.8E
DAYS DURATION OF EVENTS

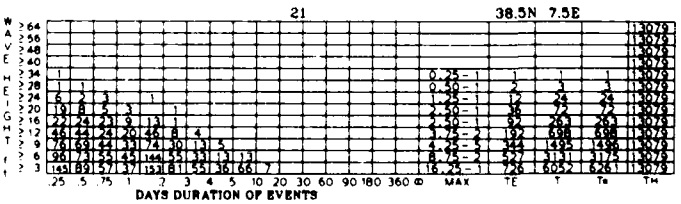

14
39.5N 2.2E
DAYS DURATION OF EVENTS


15
39.8N 5.7E
DAYS DURATION OF EVENTS

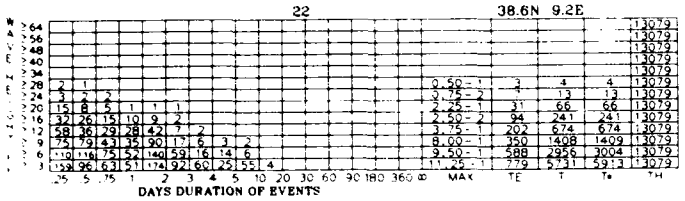

17
39.3N 15.2E
DAYS DURATION OF EVENTS

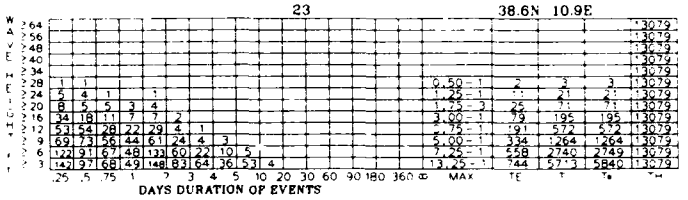

18
39.3N 17.8E
DAYS DURATION OF EVENTS

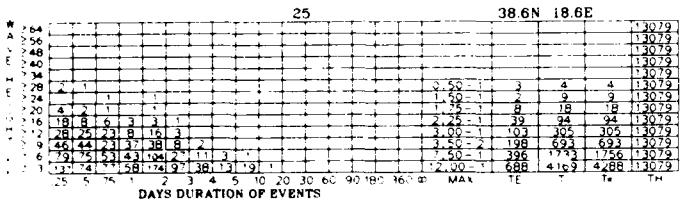

20
38.3N 4.1E
DAYS DURATION OF EVENTS

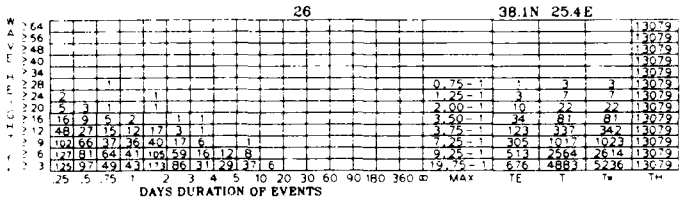

21
38.5N 7.5E
DAYS DURATION OF EVENTS

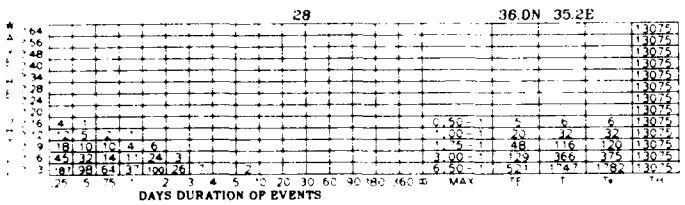
ANNUAL WAVE HEIGH

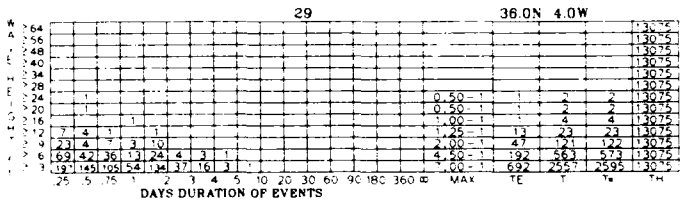


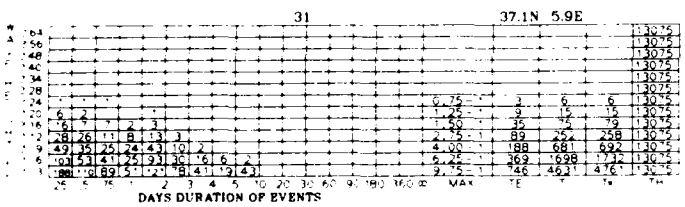


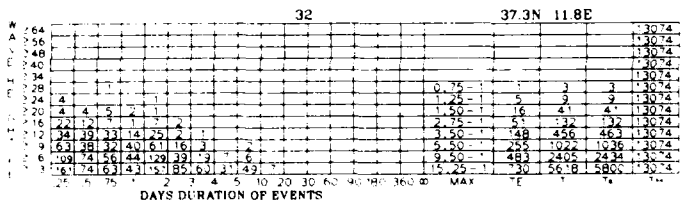


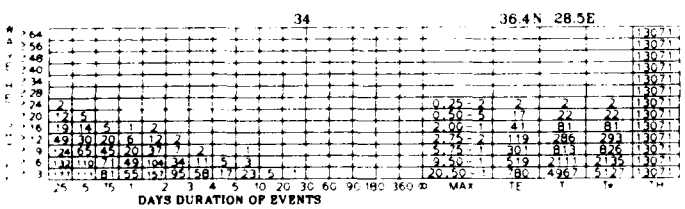


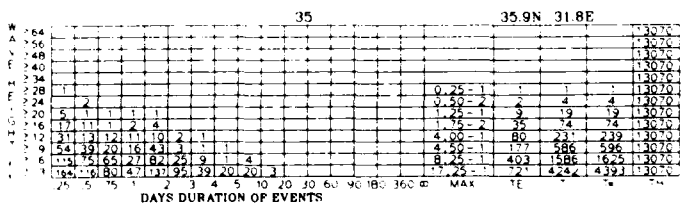


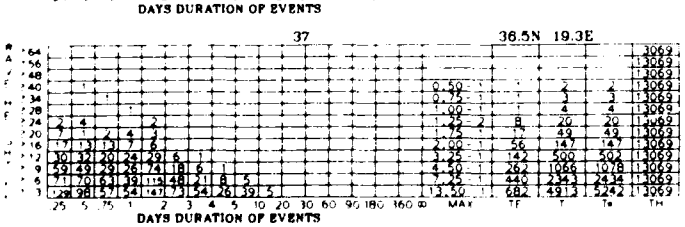


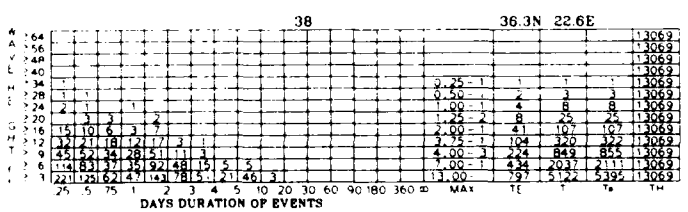


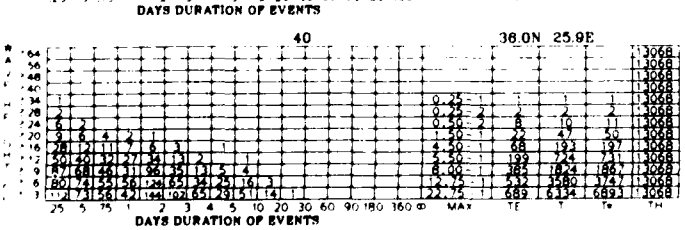


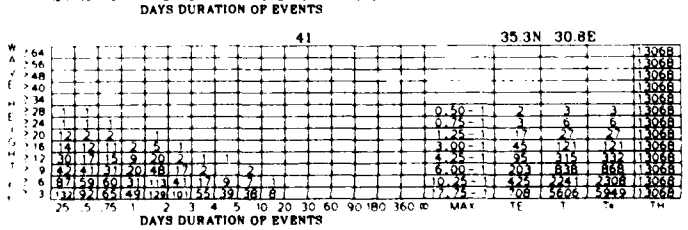






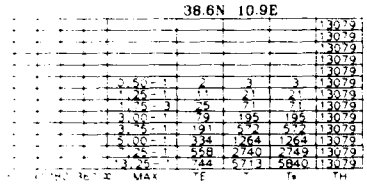




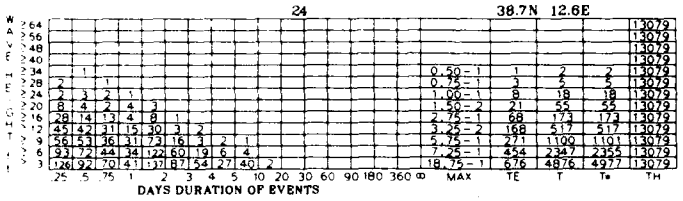


WAVE HEIGHT DURATIONS (Cont'd)

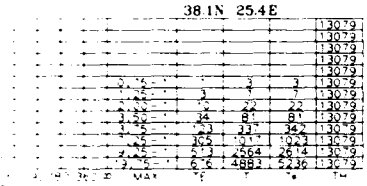
38.6N 10.9E



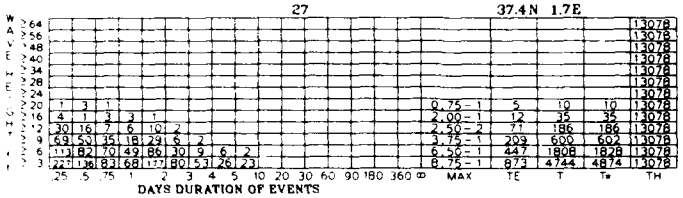
24 — 38.7N 12.6E



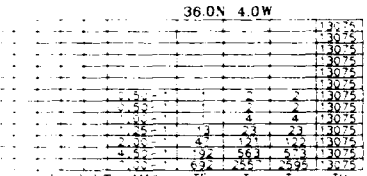
38.1N 25.4E



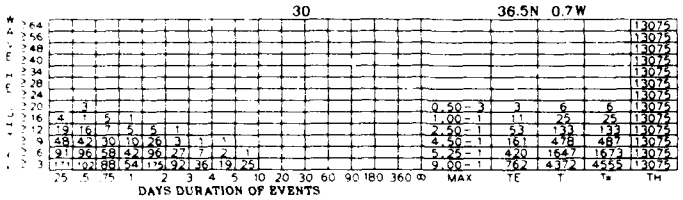
27 — 37.4N 1.7E



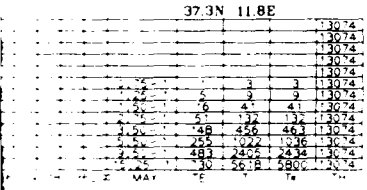
36.0N 4.0W



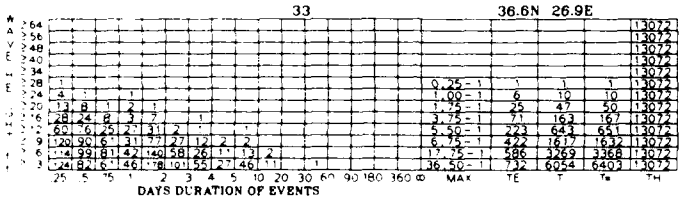
30 — 36.5N 0.7W



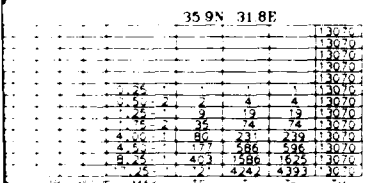
37.3N 11.8E



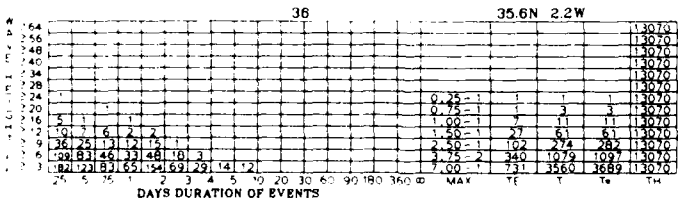
33 — 36.6N 26.9E



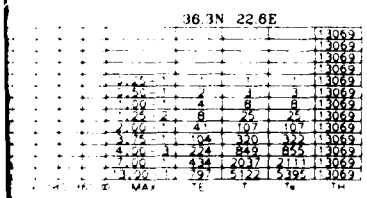
35.9N 31.8E



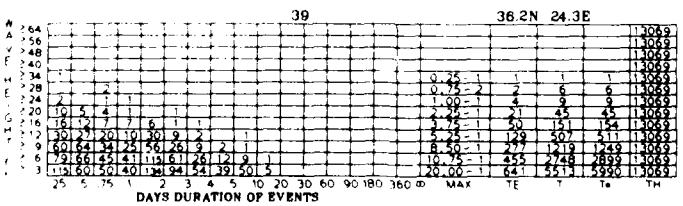
36 — 35.6N 2.2W



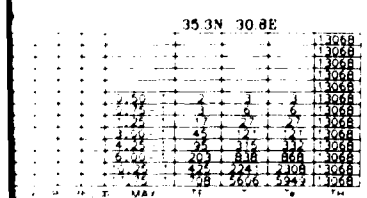
36.3N 22.6E



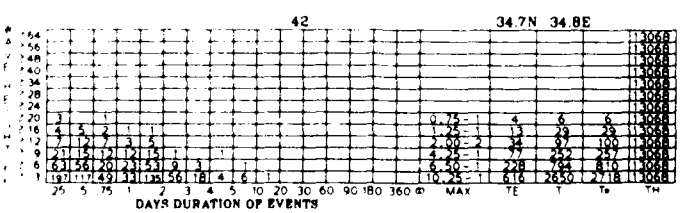
39 — 36.2N 24.3E



35.3N 30.8E



42 — 34.7N 34.8E



WAVE HEIGHT DURATIONS (Cont'd)

43 36.0N 13.5E

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13066
>56																					13066
>48																					13066
>40																					13066
>34		1															0.50-1	1	2	2	13066
>28		1															0.50-1	1	2	2	13066
>24	2	1	1														0.75-1	4	7	5	13066
>20	7	6	3		1												1.75-1	17	35	35	13066
>16	17	9	13	5	5												2.00-1	49	126	126	13066
>12	42	26	25	14	19	6											3.00-2	132	404	409	13066
>9	57	40	41	30	69	10	4	2									4.75-1	253	988	1005	13066
>6	90	80	54	60	106	44	23	5	4								8.50-1	466	2262	2332	13066
>3	152	95	50	39	170	92	53	27	40	4							15.25-1	722	5232	5548	13066

DAYS DURATION OF EVENTS

44

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞
>64																
>56																
>48																
>40																
>34		1														
>28	3		1													
>24	1	2	2	1												
>20	2	5	3	2	2											
>16	15	12	10	2	8	1										
>12	39	26	26	14	18	3	1									
>9	56	55	34	25	63	11	1									
>6	84	67	63	39	98	43	17	5	2							
>3	150	85	63	52	163	78	51	33	19	4						

DAYS DURATION OF EVENTS

46 35.0N 28.3E

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13064
>56																					13064
>48																					13064
>40																					13064
>34																					13064
>28																					13064
>24	3	1															0.50-1	4	5	5	13064
>20	9	9	1	4	1												2.00-1	24	54	55	13064
>16	25	13	15	6	9	1											2.75-1	69	190	201	13064
>12	73	50	32	15	52	6	1										3.25-1	229	720	743	13064
>9	74	83	49	37	85	34	10	5	5								9.75-1	382	1781	1829	13064
>6	102	88	41	49	128	79	32	12	21	5							17.25-1	557	3683	3832	13064
>3	122	58	53	54	134	91	58	51	52	14	2						28.00-1	689	6602	7254	13064

DAYS DURATION OF EVENTS

47

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60
>64												
>56												
>48												
>40	1											
>34	1		1									
>28		1	2									
>24	5	2	3		1							
>20	8	7	2	3	5							
>16	19	23	12	2	10	1						
>12	27	36	35	24	29	10						
>9	44	56	38	28	87	24	4	2				
>6	69	58	51	51	116	41	29	13	10			
>3	144	72	60	47	149	103	53	23	5	1	3	

DAYS DURATION OF EVENTS

49 34.8N 24.1E

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13059
>56																					13059
>48																					13059
>40																					13059
>34																					13059
>28	1	1															0.50-1	2	3	3	13059
>24	2		2														0.75-2	4	8	8	13059
>20	6	4		1	2												1.25-2	13	28	28	13059
>16	12	7	6	3	4	1											2.25-1	33	90	90	13059
>12	24	22	7	5	24	4											3.00-1	86	299	299	13059
>9	42	44	22	18	34	15	3	1									4.25-1	179	694	705	13059
>6	59	56	42	29	78	32	12	4	4								7.00-1	319	1568	1645	13059
>3	156	78	66	44	127	78	26	13	25	4							11.50-1	621	3782	3980	13059

DAYS DURATION OF EVENTS

50

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60
>64												
>56												
>48												
>40												
>34												
>28			1									
>24	3	1			1							
>20	6	6	3	1	3							
>16	16	17	11	4	6	1						
>12	37	27	21	20	29	3	3					
>9	60	48	32	27	67	32	4	1	3			
>6	82	58	48	44	104	79	34	16	15	2		
>3	97	55	48	29	113	87	63	42	58	16		

DAYS DURATION OF EVENTS

52 33.7N 28.0E

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13042
>56																					13042
>48																					13042
>40																					13042
>34																					13042
>28																					13042
>24	5	4	1														0.75-1	10	16	16	13042
>20	7	13	5	3	1												1.25-1	29	65	70	13042
>16	21	16	16	7	14	1											3.00-1	75	220	243	13042
>12	46	32	19	20	42	7	7	2									4.50-2	169	632	689	13042
>9	60	58	43	30	80	40	4	1	4								7.00-1	320	1498	1630	13042
>6	81	65	52	46	120	80	37	9	18	1							10.75-1	509	3338	3661	13042
>3	106	65	37	32	132	70	65	43	65	13							17.50-1	628	6244	7491	13042

DAYS DURATION OF EVENTS

53

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60
>64												
>56												
>48												
>40												
>34												
>28												
>24	1	2		1								
>20	2	5	2		1	1						
>16	15	8	11	4	6		1					
>12	28	14	19	20	23	3						
>9	63	39	27	23	63	19	6		3			
>6	91	60	43	38	109	63	31	11	9	4		
>3	107	48	50	29	108	86	47	43	60	3		

DAYS DURATION OF EVENTS

55 34.0N 15.9E

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13036
>56																					13036
>48																					13036
>40																					13036
>34	1	1															0.50-1	2	3	3	13036
>28	1	1	1														0.75-1	3	6	6	13036
>24		2	1	2													1.00-2	5	15	15	13036
>20	8	5	1	4	3	1											2.25-1	22	63	64	13036
>16	12	19	11	7	8	1											3.00-1	58	170	182	13036
>12	34	25	29	14	24	6		4									3.50-1	134	464	482	13036
>9	49	51	40	28	60	20	5	2									4.50-1	254	1046	1086	13036
>6	79	62	44	40	126	53	21	5	3								7.50-1	433	2298	2426	13036
>3	122	86	60	68	138	100	56	26	30	5							18.00-1	691	4954	5421	13036

DAYS DURATION OF EVENTS

56

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60
>64												
>56												
>48												
>40												
>34												
>28	2											
>24		1	2		1							
>20	10	4		1	1	2						
>16	15	16	10	5	7							
>12	44	22	16	11	26	5						
>9	54	32	28	27	56	17	6					
>6	104	73	53	35	103	39	16	9	5			
>3	200	105	57	63	118	99	63	32	42	3		

DAYS DURATION OF EVENTS

58 33.1N 19.9E

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13025
>56																					13025
>48																					13025
>40																					13025
>34	1																0.25-1	1	1	1	13025
>28	2	1															1.00-1	4	8	8	13025
>24	3	1	1	1	1												1.50-1	7	18	18	13025
>20	6	5	1	1	4												2.00-1	17	46	53	13025
>16	15	15	8	7	9	1											2.50-1	55	165	181	13025
>12	33	35	16	16	24	12	1										3.50-1	126	490	539	13025
>9	67	45	24	30	60	22	10	2									4.50-1	260	1117	1245	13025
>6	78	46	57	37	111	45	31	11	9								9.00-1	425	2516	2805	13025
>3	158	85	70	48	102	84	44	31	47	9	1						22.75-1	679	5268	6293	13025

DAYS DURATION OF EVENTS

59

WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60
>64												
>56												
>48												
>40												
>34												
>28												
>24	2	1										
>20	5	17	2	1	1							
>16	16	9	13	4	8							
>12	24	19	19	15	27	5	1	1				
>9	45	34	31	15	49	28	2	1	1			
>6	66	60	44	32	102	43	22	12	9			
>3	149	70	55	45	132	62	63	30	46	6	1	

DAYS DURATION OF EVENTS

61 31.7N 32.4E

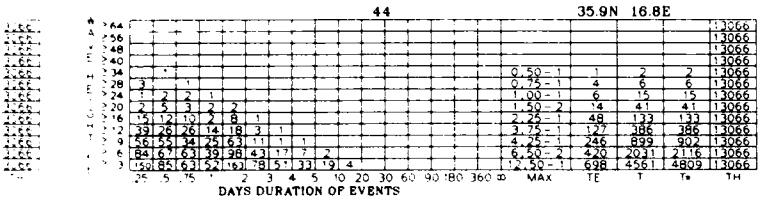
WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60	90	180	360	∞	MAX	TE	T	Te	TH
>64																					13019
>56																					13019
>48																					13019
>40																					13019
>34																					13019
>28																					13019
>24	1	1															0.50-1	2	3	3	13019
>20	1	2	2	1													1.00-1	6	15	15	13019
>16	11	5	1	2	5												2.00-1	24	60	62	13019
>12	14	13	14	10	13		1										2.75-1	65	221	241	13019
>9	17	30	19	20	43	10		1	1								5.25-1	141	621	677	13019
>6	89	48	31	24	93	41	14	6	4								9.00-1	350	1798	1991	13019
>3	133	78	38	43	102	83	57	23	32	6	1						22.25-1	596	4596	5432	13019

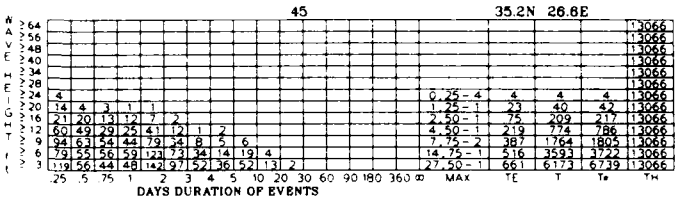
DAYS DURATION OF EVENTS

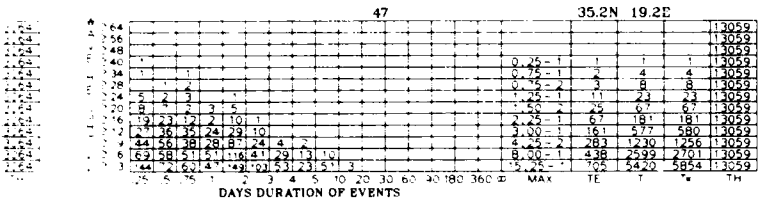
62

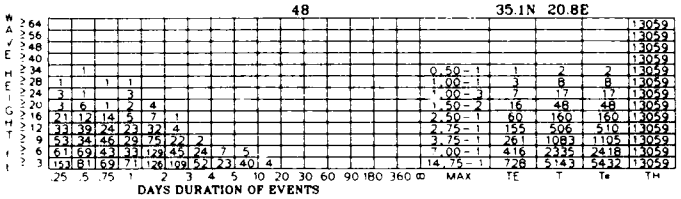
WAVE HEIGHT	.25	.5	.75	1	2	3	4	5	10	20	30	60
>64												
>56												
>48												
>40												
>34	1											
>28		1	1	1	2							
>24	6	9	3	1	3							
>20	10	7	9	5	8							
>16	24	16	15	12	19	4						
>12	56	38	29	14	45	11	5					
>9	66	58	45	41	104	45	11	1	4			
>6	176	96	55	53	140	103	41	22	25	2		
>3												

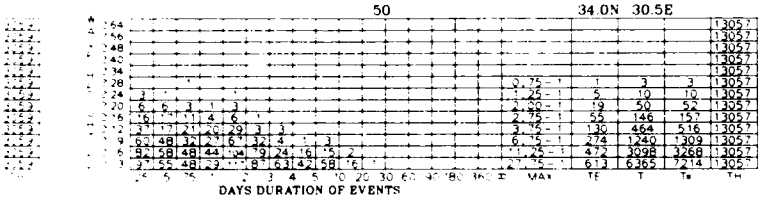
DAYS DURATION OF EVENTS

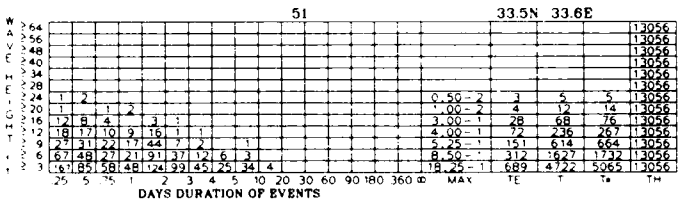

44
35.9N 16.8E
DAYS DURATION OF EVENTS

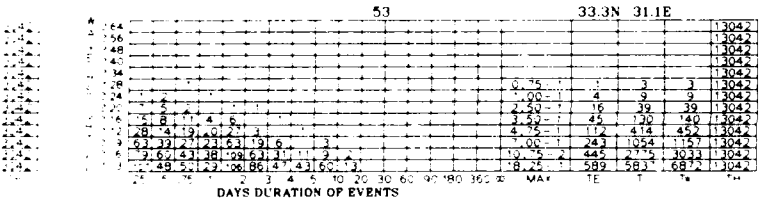

45
35.2N 26.6E
DAYS DURATION OF EVENTS

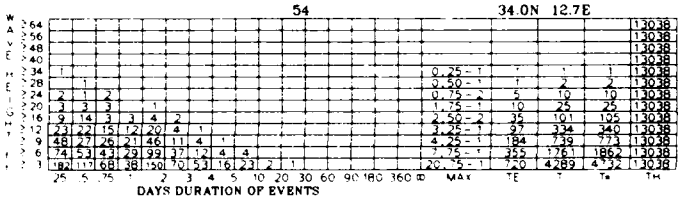

47
35.2N 19.2E
DAYS DURATION OF EVENTS

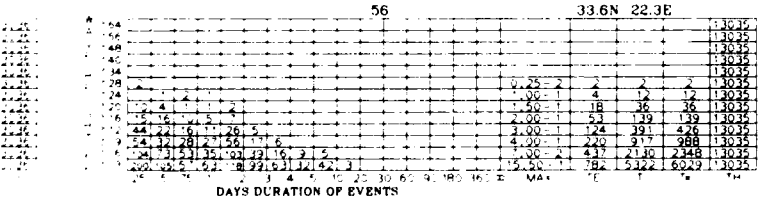

48
35.1N 20.8E
DAYS DURATION OF EVENTS

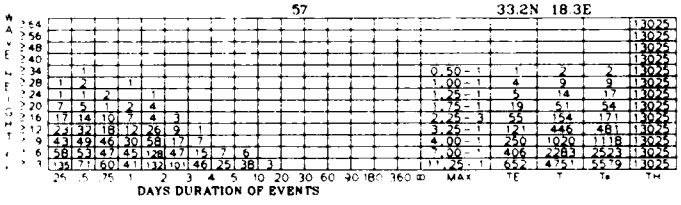

50
34.0N 30.5E
DAYS DURATION OF EVENTS

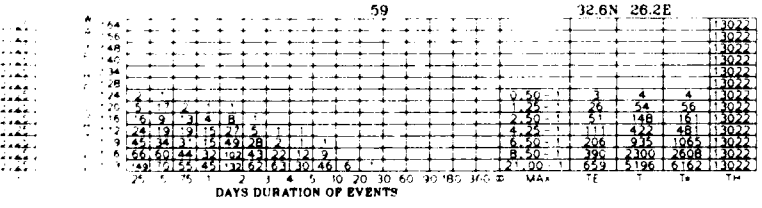

51
33.5N 33.6E
DAYS DURATION OF EVENTS

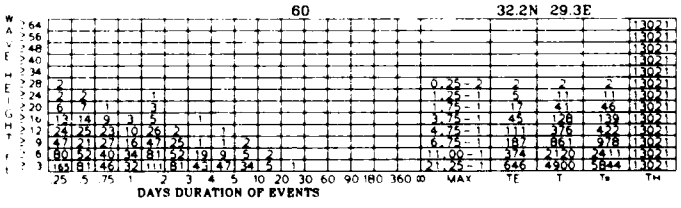

53
33.3N 31.1E
DAYS DURATION OF EVENTS

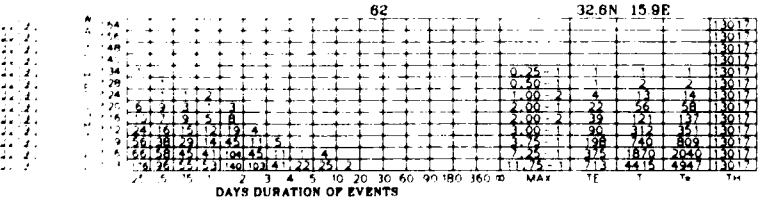

54
34.0N 12.7E
DAYS DURATION OF EVENTS

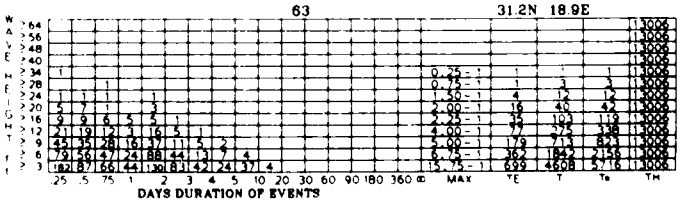

56
33.6N 22.3E
DAYS DURATION OF EVENTS


57
33.2N 18.3E
DAYS DURATION OF EVENTS

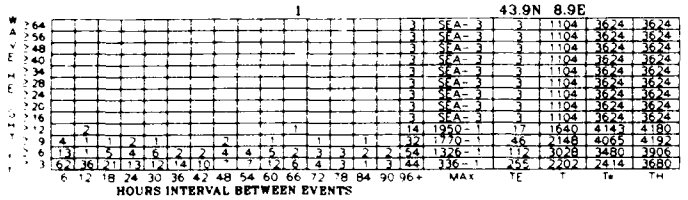

59
32.6N 26.2E
DAYS DURATION OF EVENTS

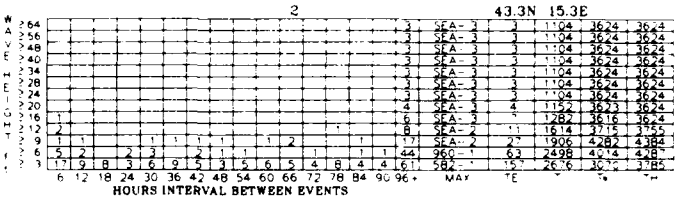

60
32.2N 29.3E
DAYS DURATION OF EVENTS


62
32.6N 15.9E
DAYS DURATION OF EVENTS


63
31.2N 18.9E
DAYS DURATION OF EVENTS

WINTER


1
43.9N 8.9E
HOURS INTERVAL BETWEEN EVENTS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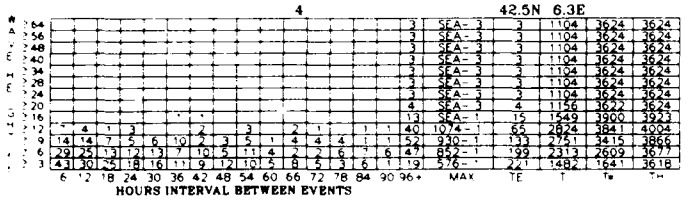
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS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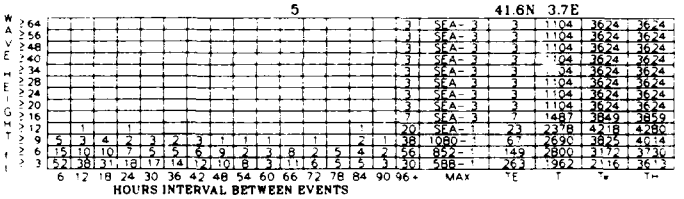
42.5N 6.3E
HOURS INTERVAL BETWEEN EVENTS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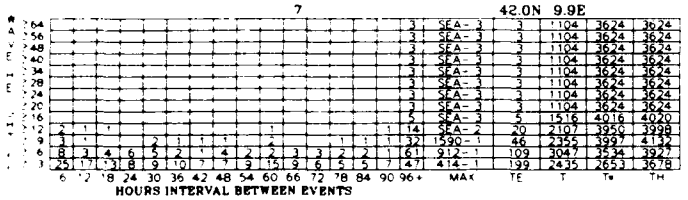
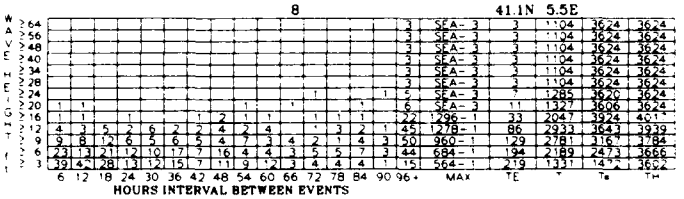
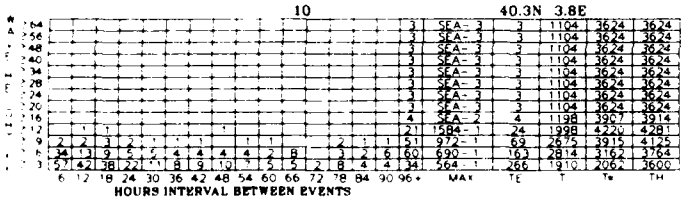
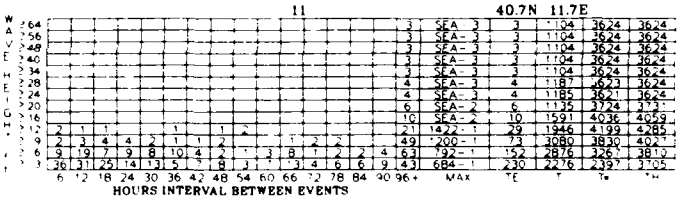
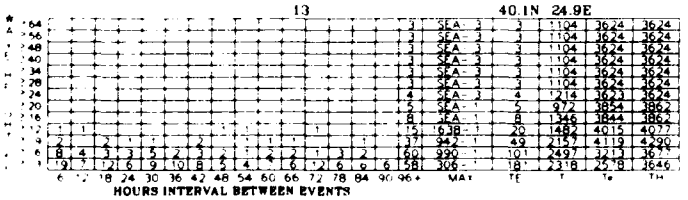
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

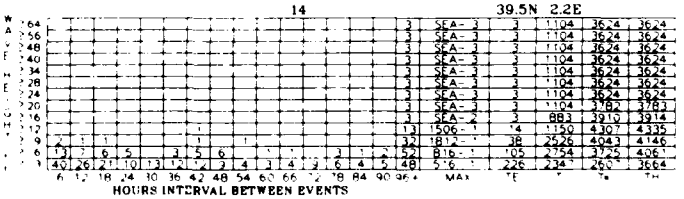

7
42.0N 9.9E
HOURS INTERVAL BETWEEN EVENTS

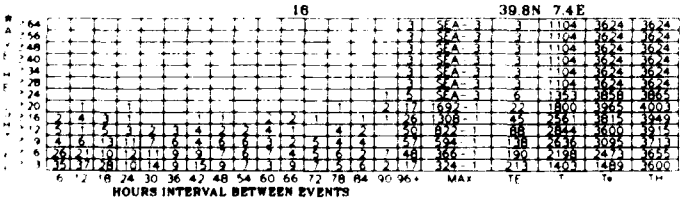

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

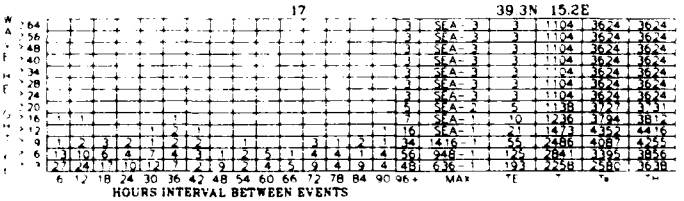

10
40.3N 3.8E
HOURS INTERVAL BETWEEN EVENTS

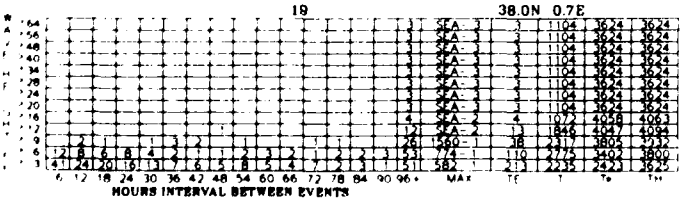

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

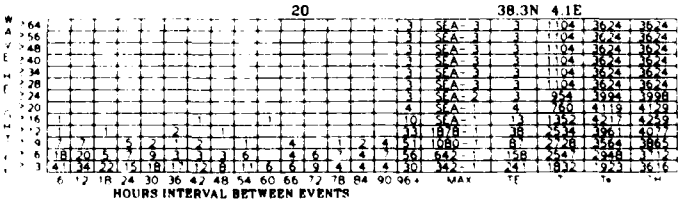

13
40.1N 24.9E
HOURS INTERVAL BETWEEN EVENTS


14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


16
39.8N 7.4E
HOURS INTERVAL BETWEEN EVENTS

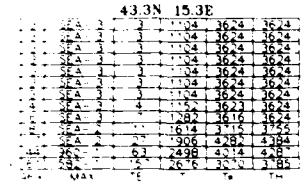

17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


19
38.0N 0.7E
HOURS INTERVAL BETWEEN EVENTS


20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS

43.3N 15.3E



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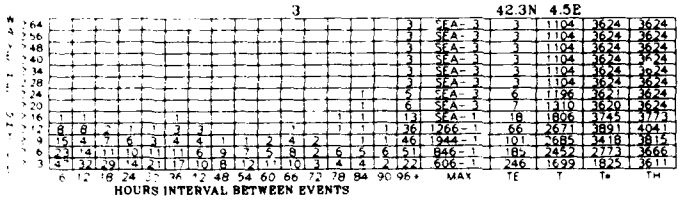
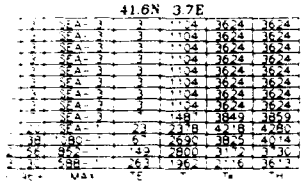


42.3N 4.5E

41.6N 3.7E



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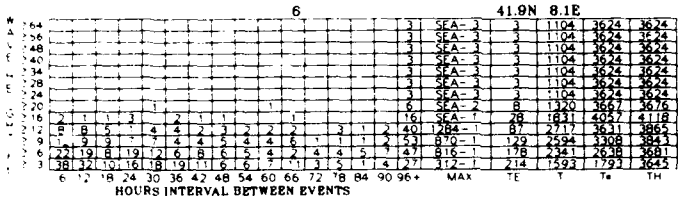
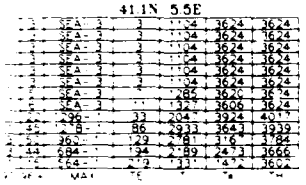


41.9N 8.1E

41.1N 5.5E



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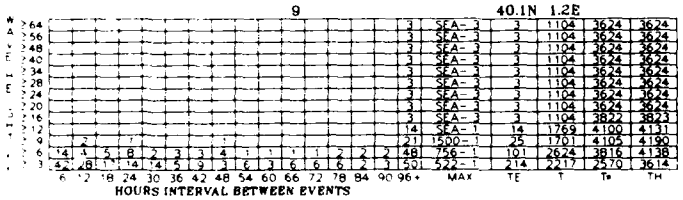
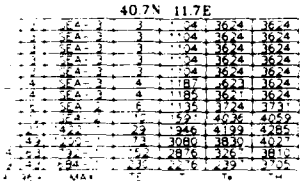
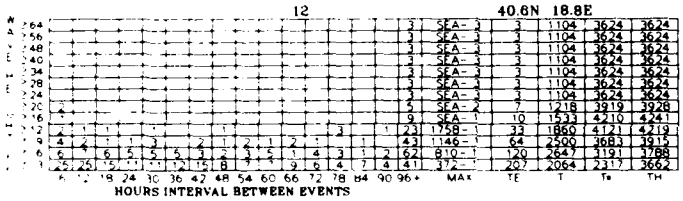


40.1N 1.2E

40.7N 11.7E

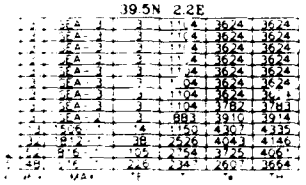


12



40.6N 18.8E

39.5N 2.2E



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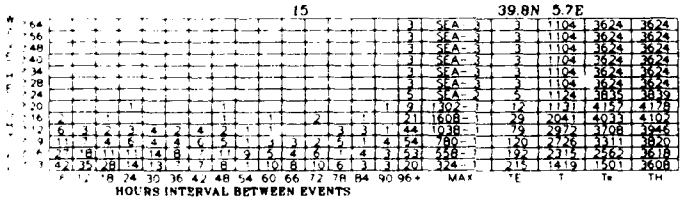
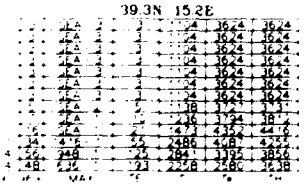
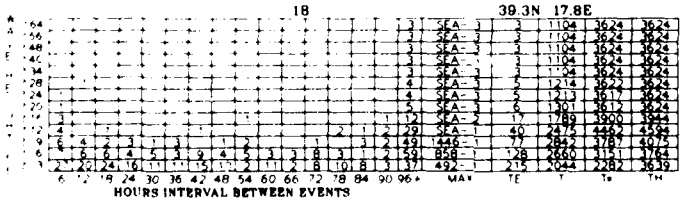


39.8N 5.7E

39.3N 15.2E

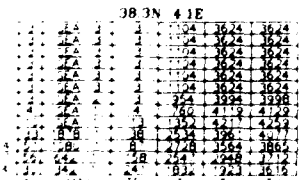


18

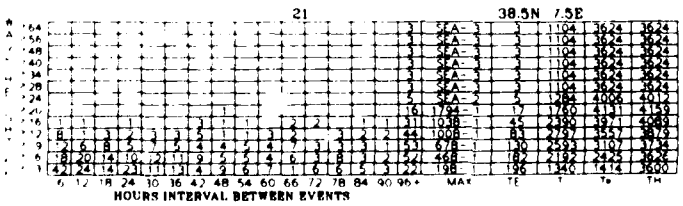


39.3N 17.8E

38.3N 4.1E

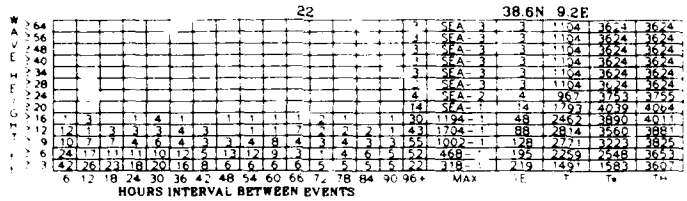


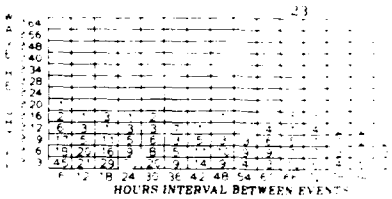
21

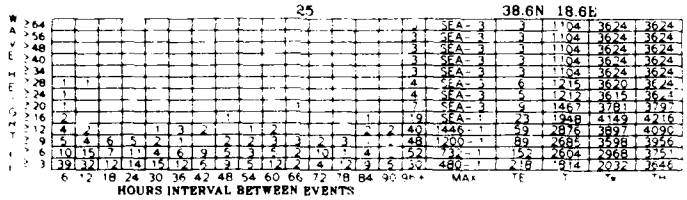


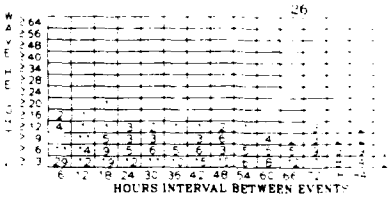
38.5N 7.5E

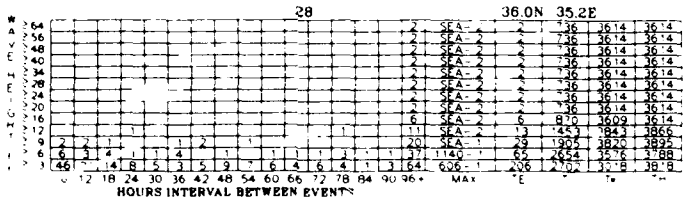
WAVE HEIGHT INTERVALS (Cont'd)

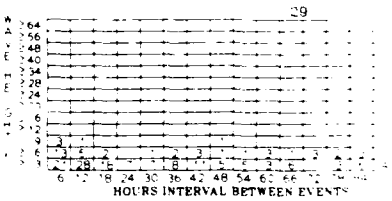


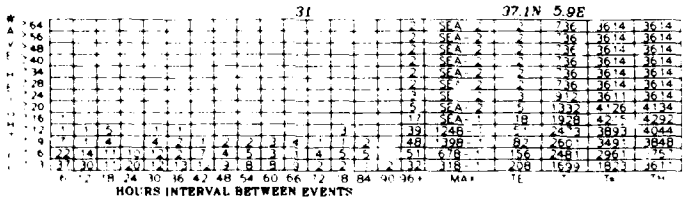


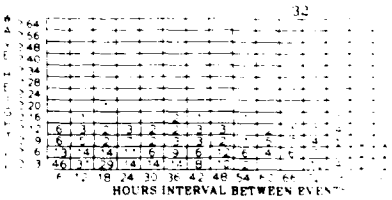


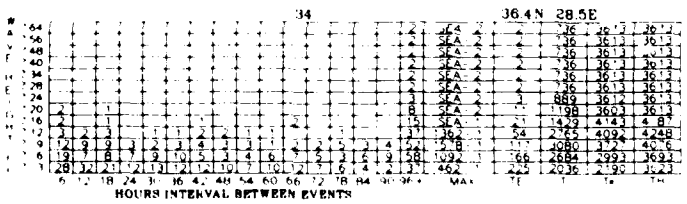


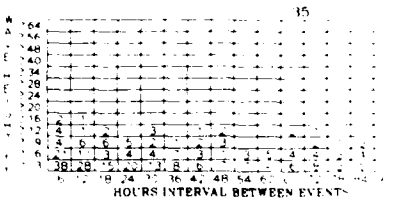


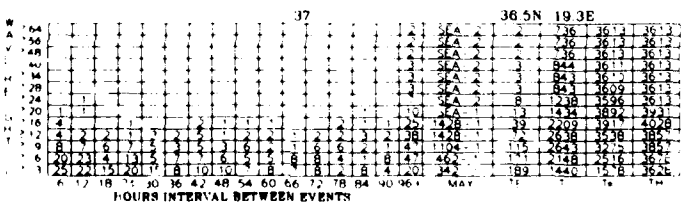


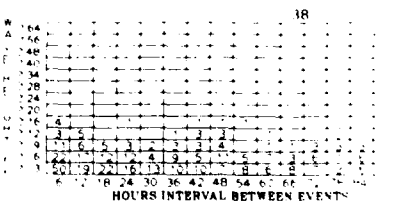


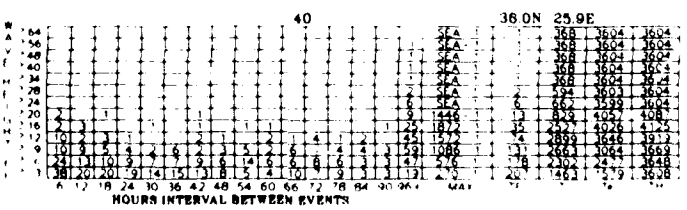


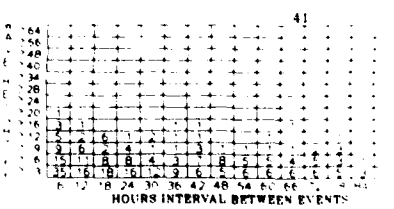


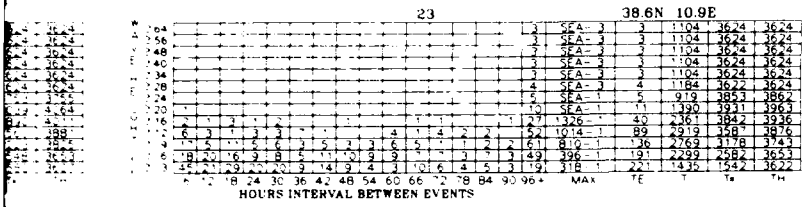


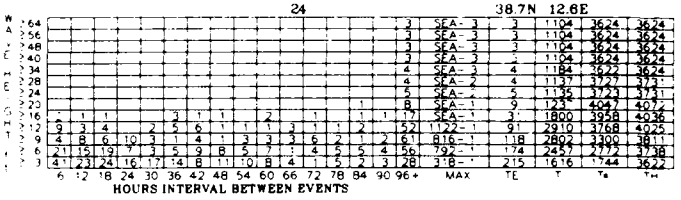


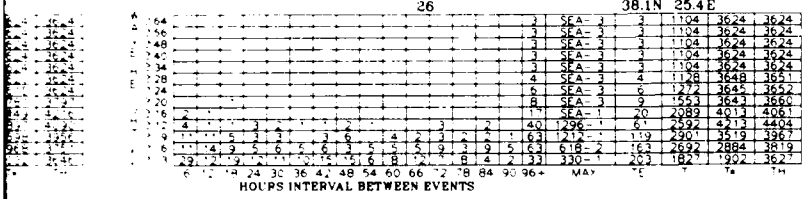


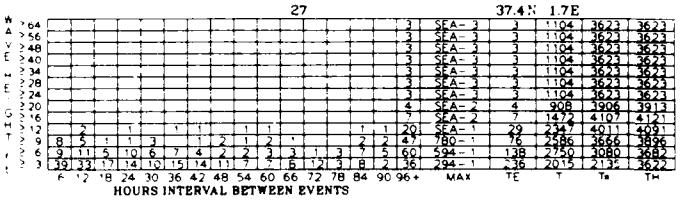


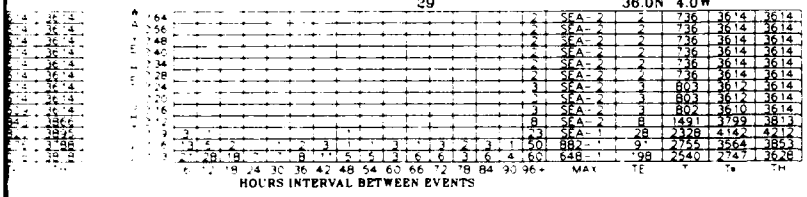


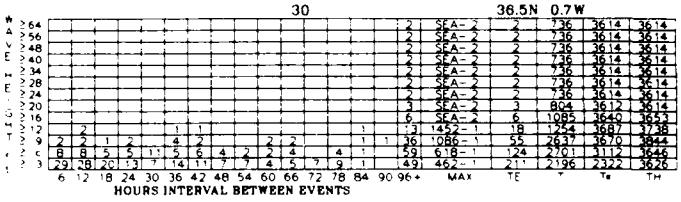

23
38.6N 10.9E
HOURS INTERVAL BETWEEN EVENTS

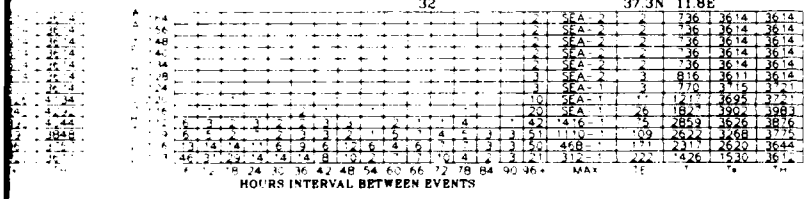

24
38.7N 12.6E
HOURS INTERVAL BETWEEN EVENTS

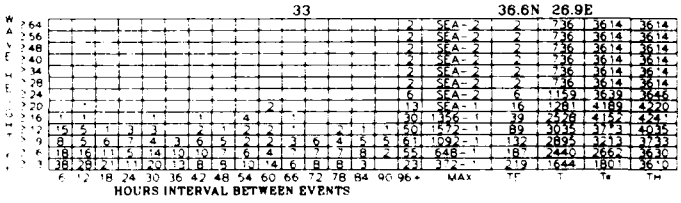

26
38.1N 25.4E
HOURS INTERVAL BETWEEN EVENTS

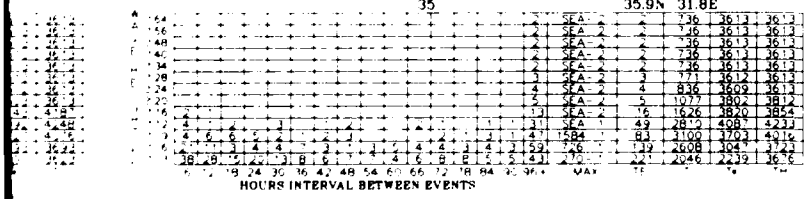

27
37.4N 1.7E
HOURS INTERVAL BETWEEN EVENTS

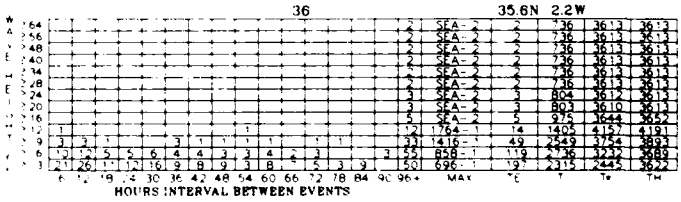

29
36.0N 4.0W
HOURS INTERVAL BETWEEN EVENTS

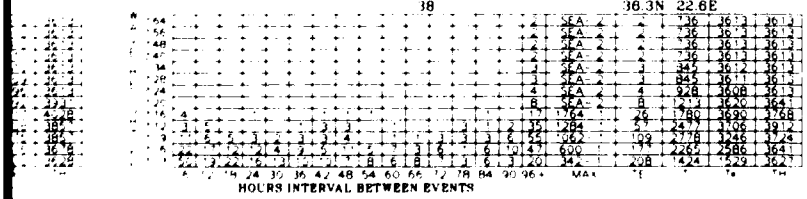

30
36.5N 0.7W
HOURS INTERVAL BETWEEN EVENTS

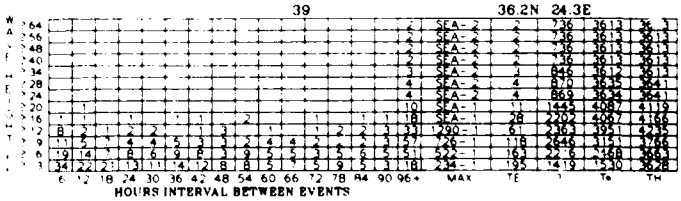

32
37.3N 11.8E
HOURS INTERVAL BETWEEN EVENTS

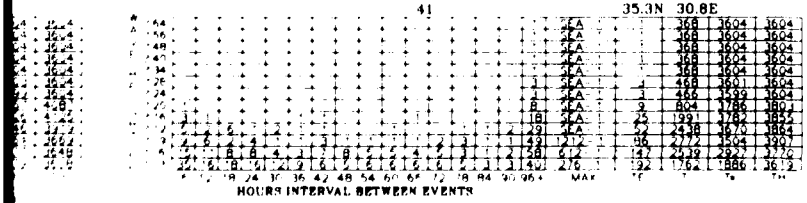

33
36.6N 26.9E
HOURS INTERVAL BETWEEN EVENTS

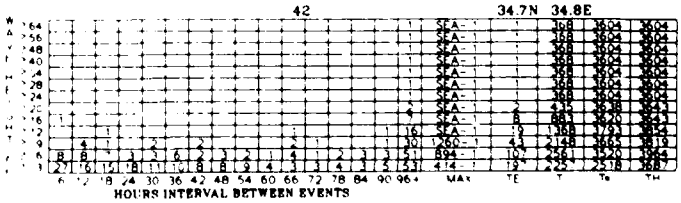

35
35.9N 31.8E
HOURS INTERVAL BETWEEN EVENTS


36
35.6N 2.2W
HOURS INTERVAL BETWEEN EVENTS


38
36.3N 22.6E
HOURS INTERVAL BETWEEN EVENTS

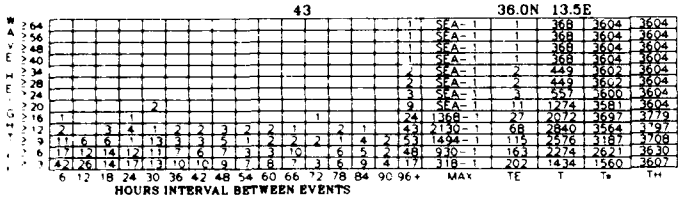

39
36.2N 24.3E
HOURS INTERVAL BETWEEN EVENTS

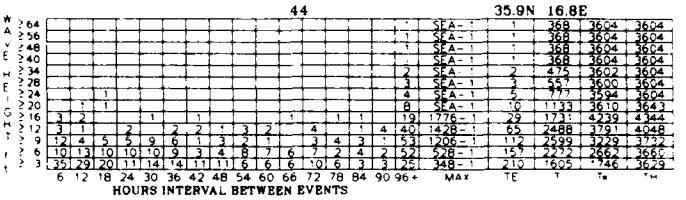

41
35.3N 30.8E
HOURS INTERVAL BETWEEN EVENTS

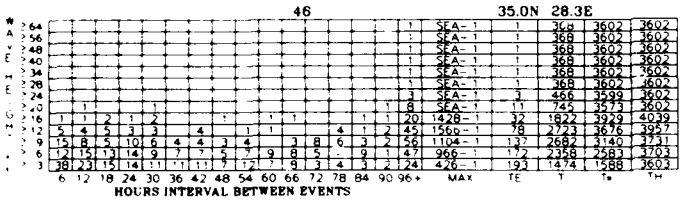

42
34.7N 34.8E
HOURS INTERVAL BETWEEN EVENTS

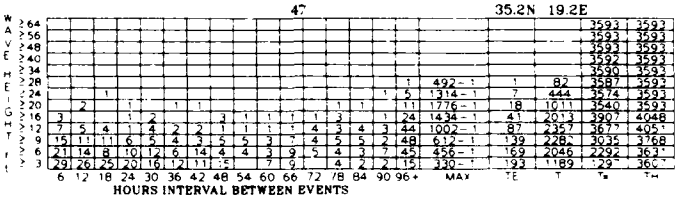
WINTER

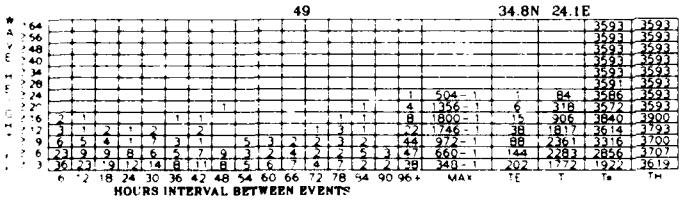
WAVE H

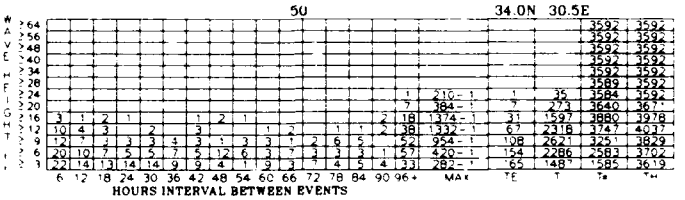


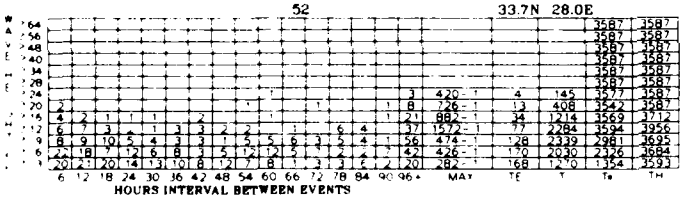


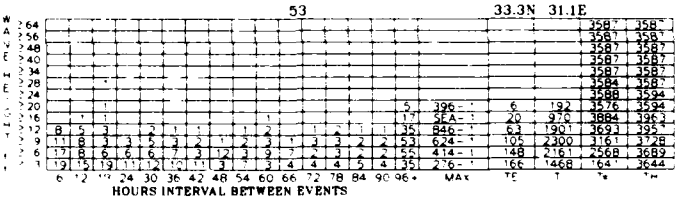


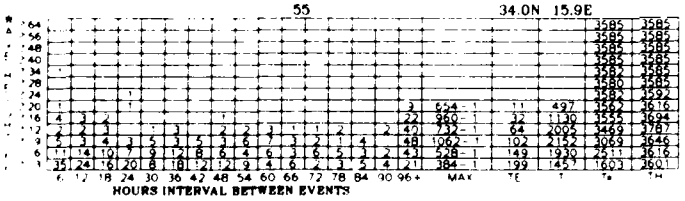


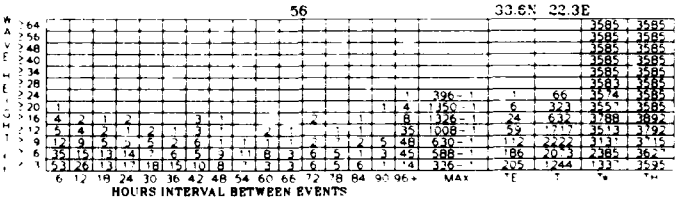


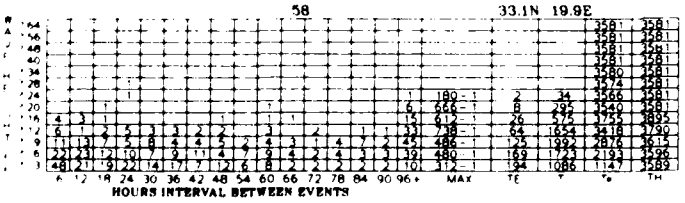


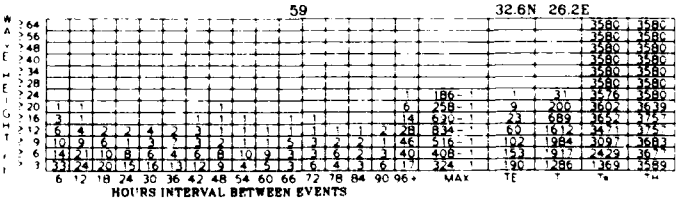


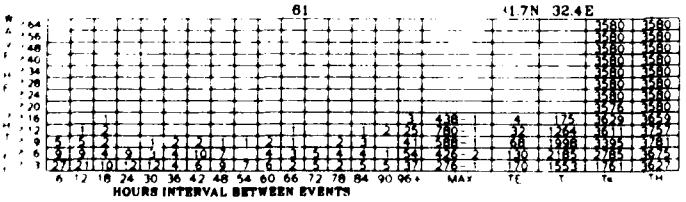


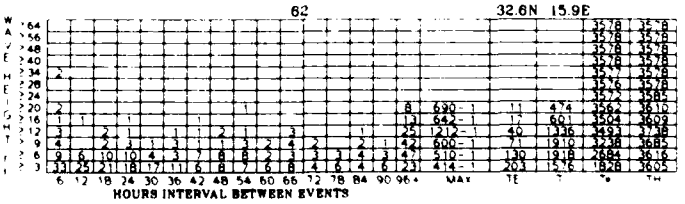












WAVE HEIGHT INTERVALS (Cont'd)

35.9N 16.8E

35.2N 19.2E

34.0N 30.5E

33.3N 31.1E

33.6N 22.3E

32.6N 26.2E

32.8N 15.9E

45 — 35.2N 26.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																1	SEA-1	1	368	3604	3604
≥56																1	SEA-1	1	368	3604	3604
≥48																1	SEA-1	1	368	3604	3604
≥40																1	SEA-1	1	368	3604	3604
≥34																1	SEA-1	1	368	3604	3604
≥28																1	SEA-1	1	368	3604	3604
≥24																2	SEA-1	2	399	3635	3636
≥20	1	1		1												11	1380-1	14	882	4061	4087
≥16		3	1		1		1		1	2		1		1	1	22	1374-1	34	1832	3851	3962
≥12	6	2	3	1	3	1	3	2	2	1	2		2	4	1	50	1554-1	83	2807	3656	3956
≥9	13	5	7	9	6	4	3	3	3	4	5	8	2	3	5	58	1104-1	138	2709	3093	3697
≥6	12	21	14	13	8	6	9	7	7	12	7	6	8	2	6	42	816-1	180	2321	2523	3687
≥3	31	31	20	13	13	11	16	9	7	11	8	6	3	3	3	21	282-1	206	1514	1629	3609

HOURS INTERVAL BETWEEN EVENTS

48 — 35.1N 20.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3593	3593
≥56																				3593	3593
≥48																				3593	3593
≥40																				3593	3593
≥34																				3591	3593
≥28																1	498-1	1	83	3587	3593
≥24			1													3	1326-1	4	303	3579	3593
≥20			1	1									1	1		4	1272-1	8	325	3825	3861
≥16	4					1	1		1	1	1	1	2			21	2112-1	33	1903	3786	3900
≥12	3	4	7	2	4		1	4	1		1		3	4	3	38	1020-1	75	2286	3598	3908
≥9	11	9	5	10	3	5	3	7	6	3	2	2	7	7	3	49	540-1	132	2349	3081	3714
≥6	12	18	7	14	5	8	7	10	4	6	7	3	5	4	5	48	408-1	163	2072	2410	3629
≥3	29	29	24	23	14	15	12	11	8	7	8	5	4	2	1	14	324-1	206	1335	1471	3618

HOURS INTERVAL BETWEEN EVENTS

51 — 33.5N 33.6E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3591	3591
≥56																				3591	3591
≥48																				3591	3591
≥40																				3591	3591
≥34																				3591	3591
≥28																				3591	3591
≥24																				3587	3591
≥20																1	258-1	1	43	3581	3591
≥16	1			1												11	1308-1	13	584	3667	3709
≥12	1	1	2		1		1	1			1	1	1		1	34	1302-1	45	2163	3812	3977
≥9	6	3	1	4	1	3	2	3		2	1	2	2	2		49	510-1	81	2309	3601	3992
≥6	13	7	6	4	3	4	6	2	6	3	3	4	6		2	59	480-1	128	2371	2838	3687
≥3	33	24	11	13	17	15	7	8	6	6	1	3	4	6	4	40	408-1	198	1828	1944	3682

HOURS INTERVAL BETWEEN EVENTS

54 — 34.0N 12.7E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3585	3585
≥56																				3585	3585
≥48																				3585	3585
≥40																				3585	3585
≥34																				3584	3585
≥28																				3583	3585
≥24																				3617	3624
≥20																2	348-1	3	90	3607	3624
≥16					1				1							14	804-1	16	755	3749	3827
≥12	2	1		1			2			1			2			31	1218-1	41	1688	3549	3762
≥9	9	3		3	2	2	2	1	2	2	1		1	1	1	42	810-1	72	1881	3271	3681
≥6	6	9	2	6	9	7	4	6	2	4	7	3	2	1	6	51	624-1	125	2079	2860	3552
≥3	29	35	30	13	18	11	9	8	4	11	5	7	4	2	5	25	354-2	216	1637	1942	3603

HOURS INTERVAL BETWEEN EVENTS

57 — 33.2N 18.3E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3581	3581
≥56																				3581	3581
≥48																				3581	3581
≥40																				3581	3581
≥34																				3579	3581
≥28																				3575	3581
≥24																1	186-1	1	31	3569	3581
≥20			1				1			1						5	648-1	8	263	3811	3856
≥16	6	3	1					1								14	606-1	25	600	3597	3731
≥12	3	2	1	3	2	3	2	4	1	1	1	1	1		2	34	840-1	61	1609	3454	3803
≥9	10	7	6	5	2	4	5	4	2	3	1	4	2	5	2	48	540-2	110	2149	2992	3651
≥6	17	11	12	13	4	10	3	14	5	9	4	7	4	4	6	38	414-1	161	1905	2357	3595
≥3	32	24	24	17	17	21	10	10	4	4	8	1	10		3	16	336-1	201	1312	1394	3594

HOURS INTERVAL BETWEEN EVENTS

60 — 32.2N 29.3E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3580	3580
≥56																				3580	3580
≥48																				3580	3580
≥40																				3580	3580
≥34																				3580	3580
≥28																				3578	3580
≥24																1	396-1	1	66	3572	3580
≥20										1						4	408-1	5	209	3616	3639
≥16		1							1							11	840-1	13	505	3683	3757
≥12	8	3	5	2		2	4			2	1	1	1	1	1	29	636-1	60	1573	3503	3757
≥9	15	4	4	1	6	6	4	1		2	2	2	3	1	5	41	564-1	97	1956	3121	3685
≥6	16	9	9	5	8	5	4	4	6	3	7	4	7	3	1	50	408-1	141	2030	2561	3677
≥3	28	23	11	12	11	10	11	9	7	3	9	3	7	2	2	27	240-1	175	1442	1601	3593

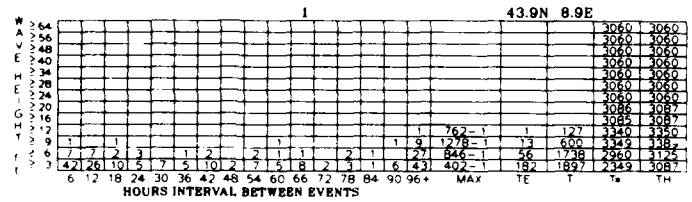
HOURS INTERVAL BETWEEN EVENTS

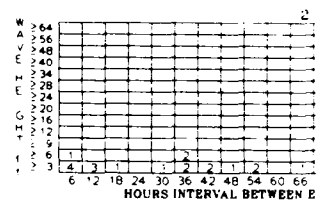
63 — 31.2N 18.9E

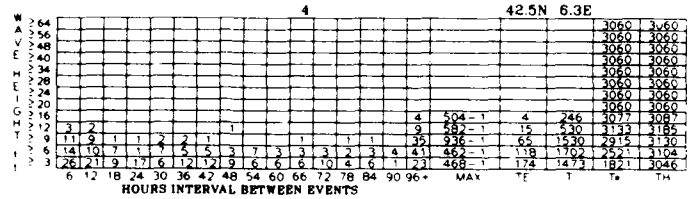
WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Te	TH
≥64																				3575	3575
≥56																				3575	3575
≥48																				3575	3575
≥40																				3575	3575
≥34																				3574	3575
≥28																				3572	3575
≥24									1							1	204-1	2	43	3563	3575
≥20							1									4	696-1	5	241	3596	3634
≥16	2	1	3			1										10	672-1	17	495	3512	3614
≥12	1	2	2		1		1								1	24	774-1	32	1120	3421	3663
≥9	5	8		2	2	2	1	1	1	3	1	2	3	2	2	41	582-1	76	1921	3218	3723
≥6	22	11	13	4	7	10	6	5	6	6	1	2	4	6	6	45	420-1	154	1973	2516	3614
≥3	39	27	20	23	11	12	13	4	9	7	6	3	2	2	4	18	264-1	200	1288	1406	3604

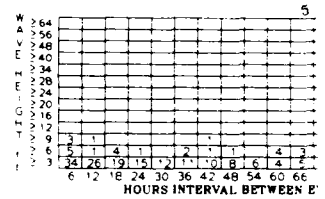
HOURS INTERVAL BETWEEN EVENTS

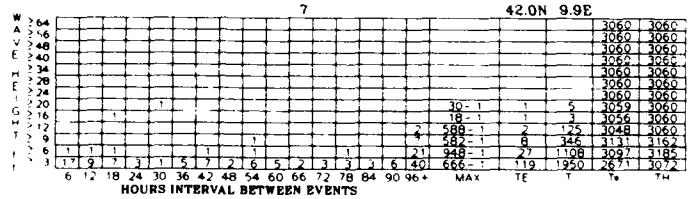
WAVE HEIGHT INTERVALS

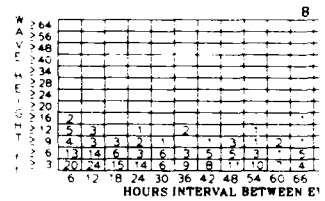


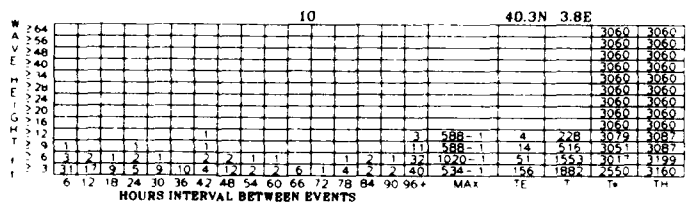


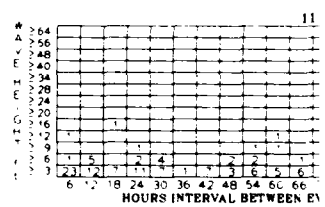


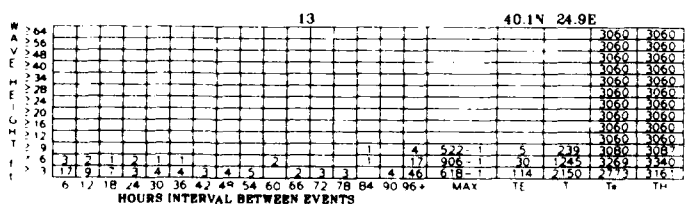


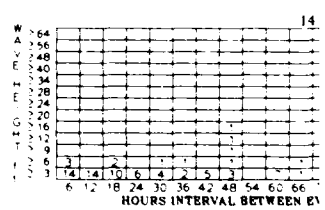


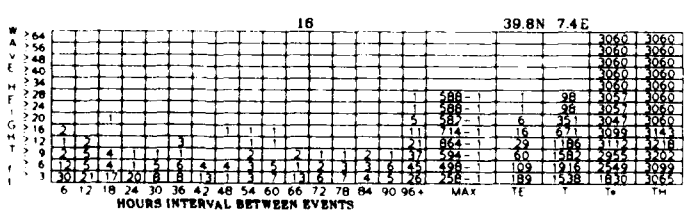


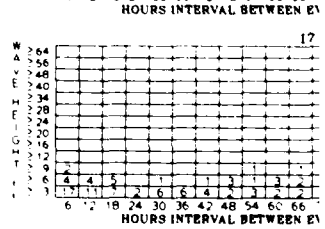


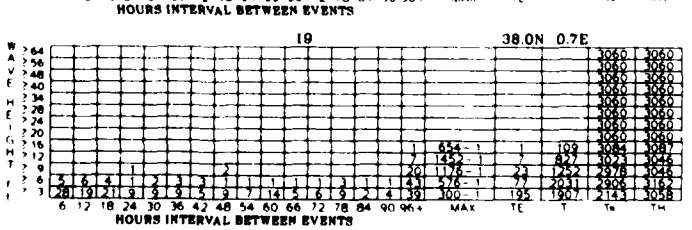


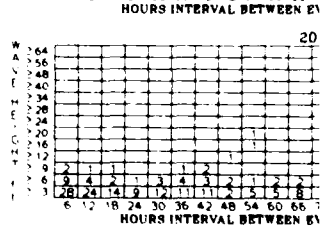




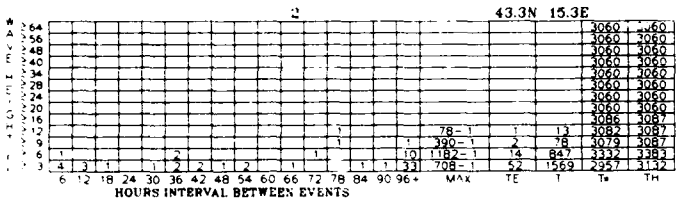


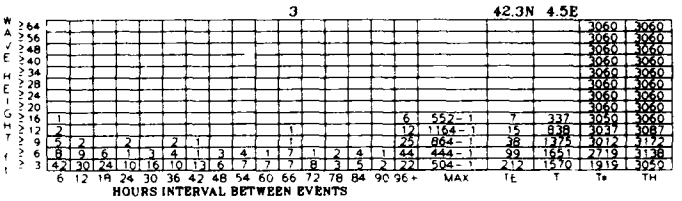


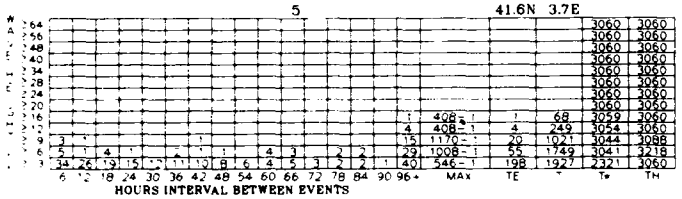


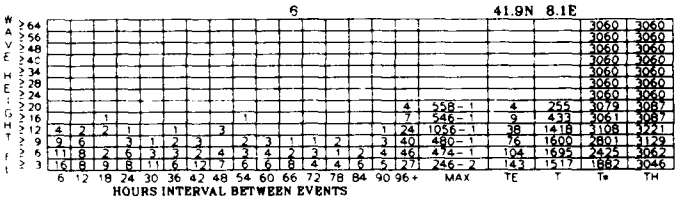


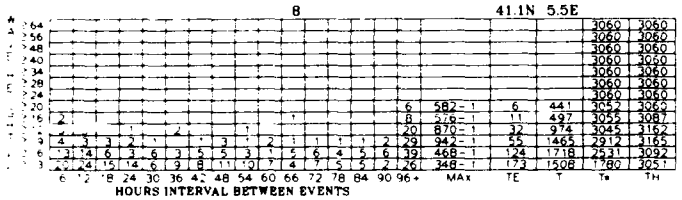
SPRING

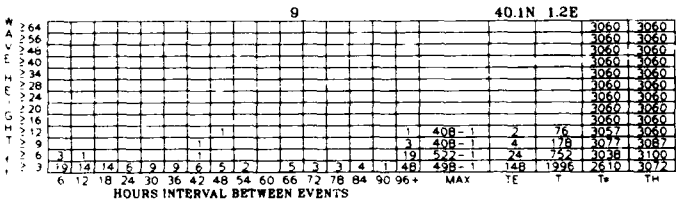

2
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS

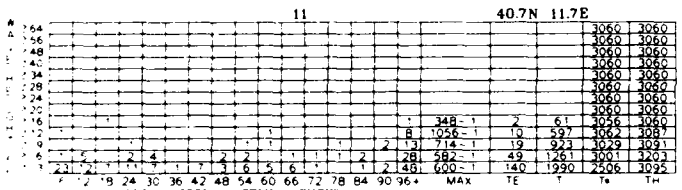

3
42.3N 4.5E
HOURS INTERVAL BETWEEN EVENTS

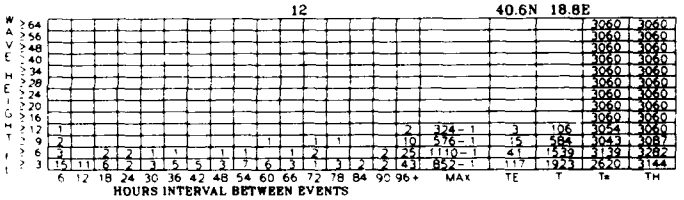

5
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

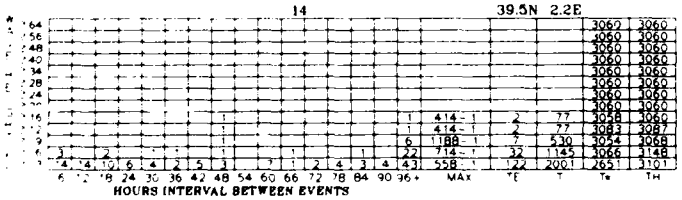

6
41.9N 8.1E
HOURS INTERVAL BETWEEN EVENTS

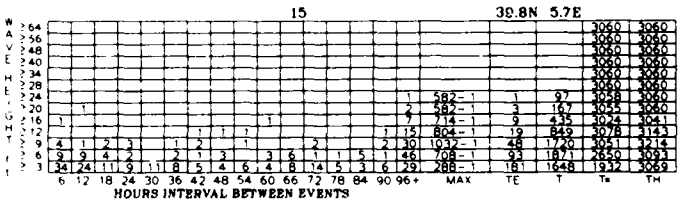

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

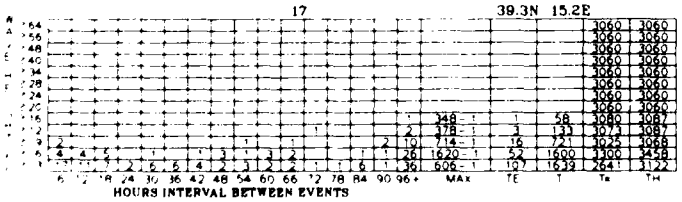

9
40.1N 1.2E
HOURS INTERVAL BETWEEN EVENTS

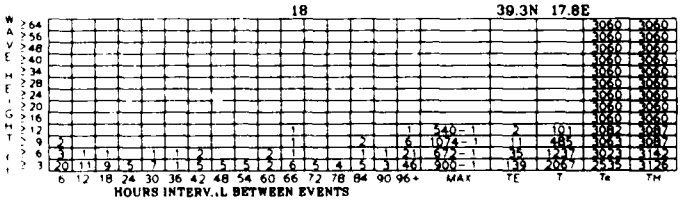

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

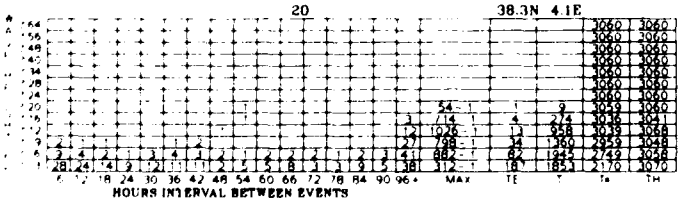

12
40.6N 18.8E
HOURS INTERVAL BETWEEN EVENTS

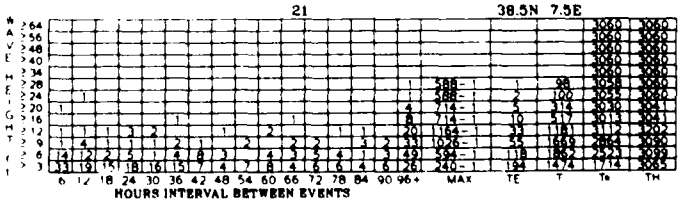

14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


15
39.8N 5.7E
HOURS INTERVAL BETWEEN EVENTS


17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


18
39.3N 17.8E
HOURS INTERVAL BETWEEN EVENTS


20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS


21
38.5N 7.5E
HOURS INTERVAL BETWEEN EVENTS

22 — 38.6N 9.2E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3060	3060
≥56																				3060	3060
≥48																				3060	3060
≥40																				3060	3060
≥34																				3060	3060
≥28			1														18-1	1	3	3059	3060
≥24		1														1	588-1	2	100	3055	3060
≥20		1														2	588-1	3	160	3079	3087
≥16						1										8	714-1	9	562	3118	3143
≥12	1			1	1						3	1			1	25	1554-1	33	1623	3331	3425
≥9	6	7	4	1	2	2		2		2	1	1	1	3	2	36	786-1	70	1770	2858	3100
≥6	13	12	11	5	1	3	10	8	3	3	4	5	3	3	3	45	672-1	132	1961	2509	3096
≥3	37	28	17	12	21	17	6	5	11	9	7	8	4	3		23	318-1	208	1497	1746	3059

HOURS INTERVAL BETWEEN EVENTS

23 — 38.6N 10.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3060	3060
≥56																				3060	3060
≥48																				3060	3060
≥40																				3060	3060
≥34																				3060	3060
≥28																				3060	3060
≥24				1													24-1	1	4	3059	3060
≥20			1													2	594-1	3	159	3077	3087
≥16		1				1						2				8	744-1	12	634	3111	3143
≥12	1	1	2	1	1			1			1	1				20	1620-1	29	1443	3348	3424
≥9	6	4	4		3	1	1		3	1	8	1	1	1		34	1068-1	68	1702	2945	3168
≥6	21	9	4	2	7	5	7	3	10	2	1	3	2	4	4	41	588-1	125	1702	2556	3112
≥3	41	24	15	11	14	8	15	5	8	8	7	8	3	2	1	24	480-1	194	1433	1740	3059

HOURS INTERVAL BETWEEN EVENTS

25 — 38.6N 18.6E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3060	3060
≥56																				3060	3060
≥48																				3060	3060
≥40																				3060	3060
≥34																				3060	3060
≥28																				3060	3060
≥24																				3060	3060
≥20																				3060	3060
≥16																				3060	3060
≥12		1									1			1		5	1074-1	8	487	3072	3087
≥9		1	1			1		1	1		2					12	828-1	19	745	3221	3282
≥6	2	4	2	2		1	3	6	2	1	1	3	1	1		36	1038-1	65	1946	2879	3108
≥3	15	17	8	6	5	6	7	6	3	3	3	4	4	3	5	48	606-1	143	1997	2317	3087

HOURS INTERVAL BETWEEN EVENTS

26 — 38.1N 25.4E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3060	3060
≥56																				3060	3060
≥48																				3060	3060
≥40																				3060	3060
≥34																				3060	3060
≥28																				3060	3060
≥24																				3060	3060
≥20																				3060	3060
≥16										1							60-1	1	10	3059	3060
≥12										1						3	1092-1	4	305	3078	3087
≥9						1			1		1			1		16	1716-1	20	1582	3109	3160
≥6	12	3	3	1	1		3	2	2	1	2	1	3	1	1	37	978-1	73	2258	2991	3212
≥3	16	13	8	5	3	6	11	6	9	7	4	2	3	9	4	42	654-1	148	2124	2401	312[illegible]

HOURS INTERVAL BETWEEN EVENTS

28 — 36.0N 35.2E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3059	3059
≥56																				3059	3059
≥48																				3059	3059
≥40																				3059	3059
≥34																				3059	3059
≥28																				3059	3059
≥24																				3059	3059
≥20																				3059	3059
≥16																				3059	3059
≥12																1	330-1	1	55	3084	3086
≥9																2	230-1	2	74	3077	3086
≥6	1									1						18	1260-1	20	1096	3167	3213
≥3	9	5	9	4	7	3	3	1	6	2	3		2	2	3	43	930-1	102	2088	2723	3053

HOURS INTERVAL BETWEEN EVENTS

29 — 36.0N 4.0W

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3059	3059
≥56																				3059	3059
≥48																				3059	3059
≥40																				3059	3059
≥34																				3059	3059
≥28																				3059	3059
≥24																				3059	3059
≥20																				3059	3059
≥16																				3059	3059
≥12																2	690-1	2	218	3055	3059
≥9	1															6	678-1	7	369	3039	3059
≥6	2		1	2	2				3	1				3		21	1614-1	35	1432	3175	3292
≥3	27	28	15	9	9	6	8	5	6	4	9	5	6	6	6	47	348-1	196	2153	2407	3105

HOURS INTERVAL BETWEEN EVENTS

31 — 37.1N 5.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3059	3059
≥56																				3059	3059
≥48																				3059	3059
≥40																				3059	3059
≥34																				3059	3059
≥28																				3059	3059
≥24																				3059	3059
≥20																1	372-1	1	62	3058	3059
≥16	1							1								2	708-1	4	189	3035	3040
≥12	1	1						1								7	726-1	10	493	3021	3040
≥9	1	1					1				1		1	1		13	954-1	19	740	3008	3067
≥6	8	4	3	6	1	3		2	1	2	1	1	1	1		32	906-1	66	1595	3022	3264
≥3	32	20	13	14	10	8	14	6	3	9	4	5	5	10	5	33	318-2	151	1773	2133	3066

HOURS INTERVAL BETWEEN EVENTS

32 — 37.3N 11.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3058
≥20														1			84-1	1	14	3057	3058
≥16												1				3	744-1	4	315	3032	3039
≥12			1						1		1	1	1			12	SEA-1	17	1010	3174	3217
≥9	2	1	2	3	1	1				2	2	1	1			24	1560-1	40	1339	3239	3380
≥6	11	12	7	5	4	2	3	4	5	4	2	5	1	3	1	39	438-1	108	1721	2697	3145
≥3	29	24	15	15	9	4	11	11	10	6	5	4	6		4	27	468-1	180	1475	1782	3068

HOURS INTERVAL BETWEEN EVENTS

34 — 36.4N 28.5E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3058
≥20																				3058	3058
≥16																				3058	3058
≥12	1															4	1020-1	5	435	3074	3085
≥9	2	3														17	1470-1	22	1336	3015	3066
≥6	3	7		2	2			2	2	3	1	2	2	1	2	40	672-1	75	1992	2894	3125
≥3	30	25	19	10	10	9	7	9	6	8	8	1	3	8	4	37	552-1	194	1872	2157	3052

HOURS INTERVAL BETWEEN EVENTS

35 — 35.9N 31.8E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3058
≥20																				3058	3058
≥16																1	324-1	1	54	3056	3058
≥12																2	1032-1	2	225	3078	3085
≥9	2			1								1				8	1482-1	12	888	3084	3121
≥6	4					1					1		1	1		35	960-1	43	1943	3073	3239
≥3	13	19	10	6	6	7	11	7	6	5	2	5	4	6	4	40	540-1	151	1979	2356	3074

HOURS INTERVAL BETWEEN EVENTS

37 — 36.5N 19.3E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3058
≥20																				3058	3058
≥16									1								54-1	1	9	3057	3058
≥12		1	1					1	1	1				1	1	11	756-1	18	831	3044	3088
≥9	5	1	1	1	2	3		1	1	2		2	1	1		16	732-1	37	971	3017	3160
≥6	6	8	4	2	4	6	3	4	4	2	4		1	2	2	34	1044-1	86	1707	2703	3119
≥3	34	19	10	13	6	11	9	9	5	7	4	5	7	2	2	34	360-1	177	1644	2010	3089

HOURS INTERVAL BETWEEN EVENTS

38 — 36.3N 22.6E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3053
≥20																				3058	3058
≥16										1							60-1	1	10	3083	3085
≥12									2							3	498-1	5	135	3334	3348
≥9	1	3	2				2		1	1				1	2	10	786-1	23	744	3351	3423
≥6	8	7	2	2	2	5	4	1	5	2	1		2	2	1	32	1230-1	76	1823	3037	3317
≥3	22	26	12	10	8	10	13	3	6	2	6	4	2	5	3	43	330-1	175	1848	2116	3036

HOURS INTERVAL BETWEEN EVENTS

40 — 36.0N 25.9E

WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3058
≥20																				3058	3058
≥16																2	1020-1	2	222	3056	3058
≥12	2	1									1					11	1500-1	15	1274	3195	3237
≥9	2	4	1		1					1	1		1		2	37	846-1	50	1902	3043	3225
≥6	8	4	6	2	4	2	5	4	6	2		2	2	5	1	45	594-1	98	2046	2625	3090
≥3	31	19	16	13	12	10	8	5	4	9	4	4	5	4	7	30	390-1	181	1583	1820	3028

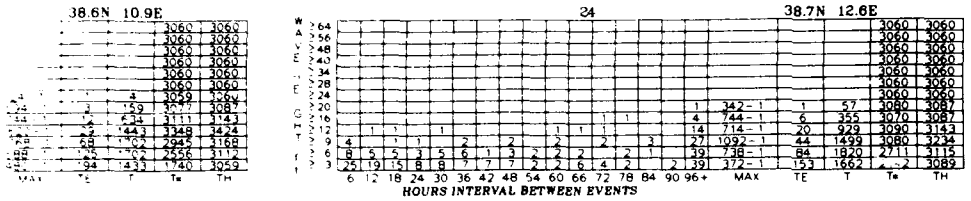
HOURS INTERVAL BETWEEN EVENTS

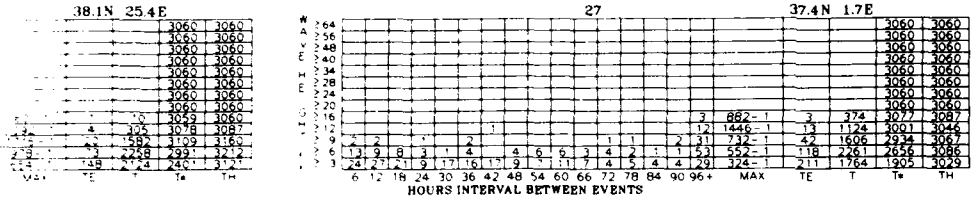
41 — 35.3N 30.8E

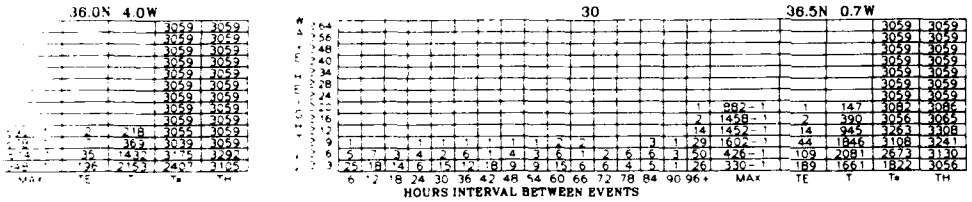
WAVE HEIGHT	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ta	TH
≥64																				3058	3058
≥56																				3058	3058
≥48																				3058	3058
≥40																				3058	3058
≥34																				3058	3058
≥28																				3058	3058
≥24																				3058	3058
≥20																				3058	3058
≥16																1	318-1	1	53	3056	3058
≥12		1	1													4	930-1	6	421	3153	3172
≥9	1	2	1							1			1			19	1020-1	25	1062	3010	3109
≥6	5	6	2	2		1	2			1	3	2	1	3	4	40	918-1	72	1956	2786	3127
≥3	24	20	23	15	6	9	8	12	8	8	10	7	3	2	7	28	228-1	190	1648	1826	3047

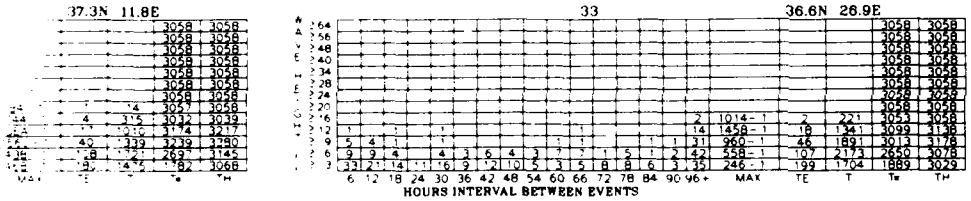
HOURS INTERVAL BETWEEN EVENTS

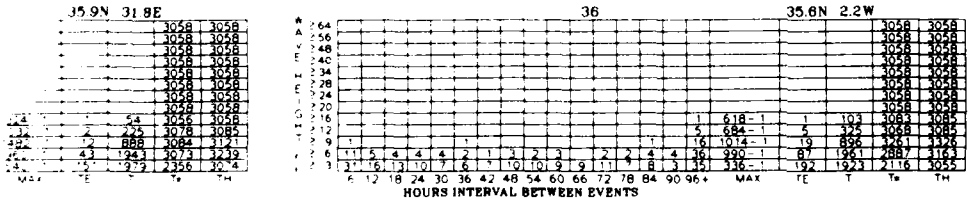
WAVE HEIGHT INTERVALS (Cont'd)

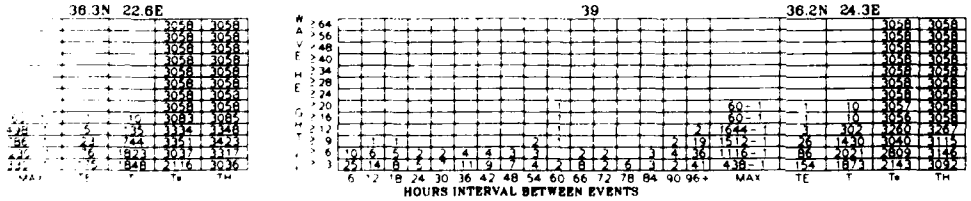


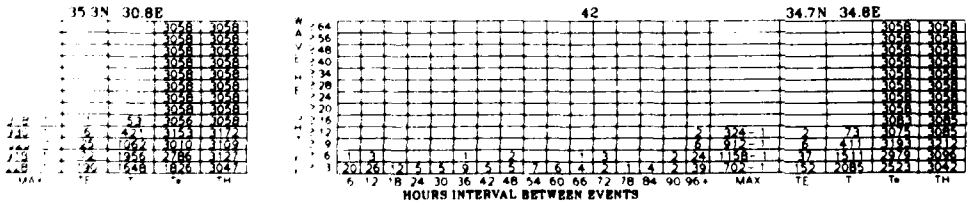




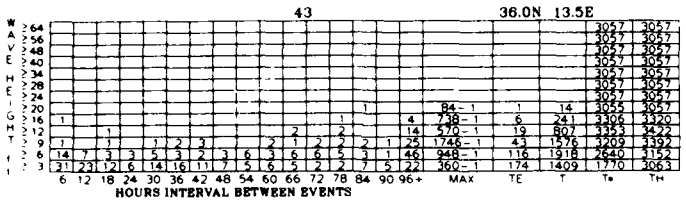


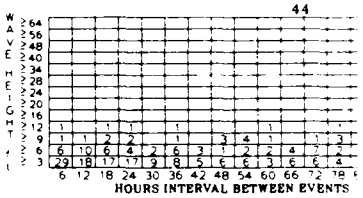


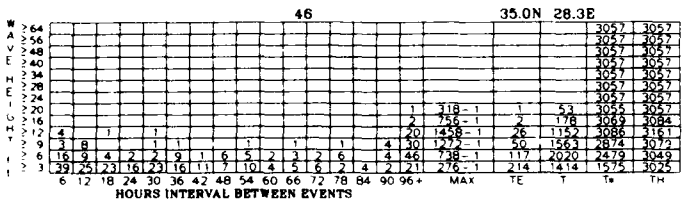


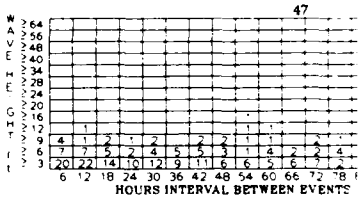


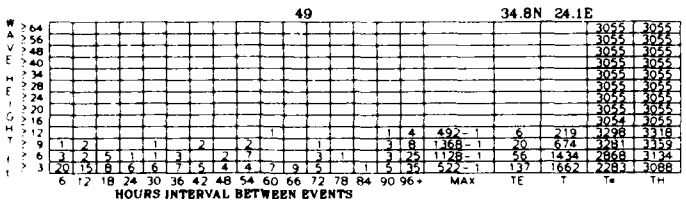
WAVE HEIGHT INTERVALS (Cont'd)

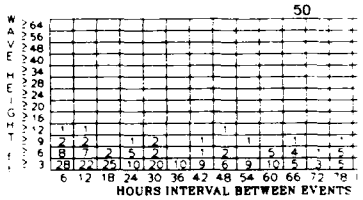


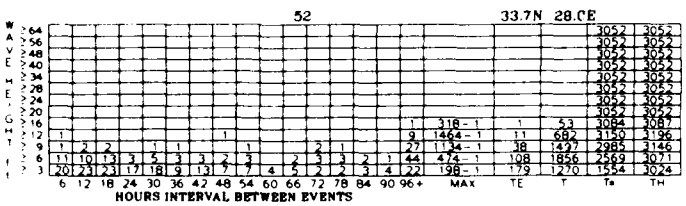


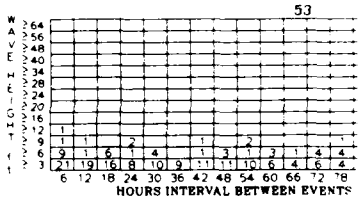


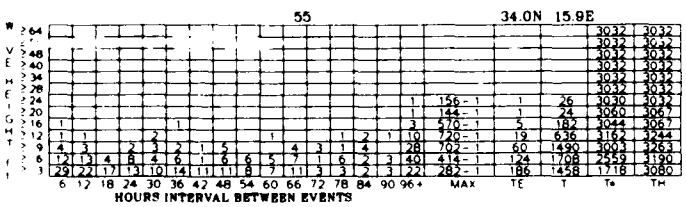


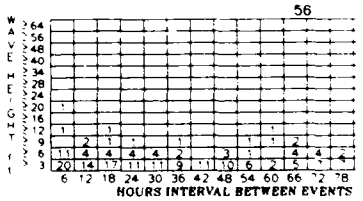


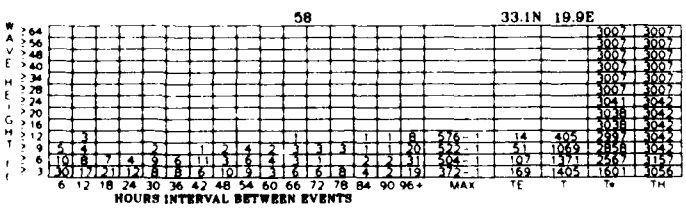


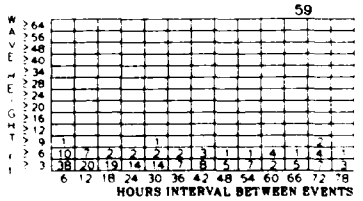


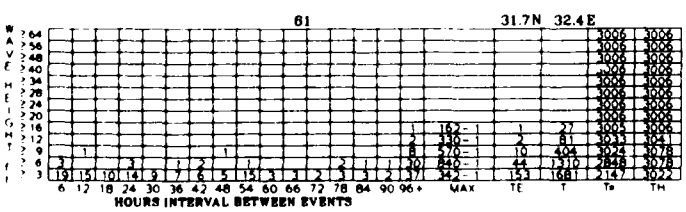


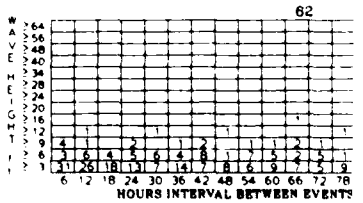


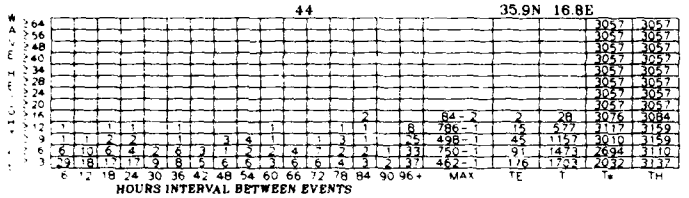


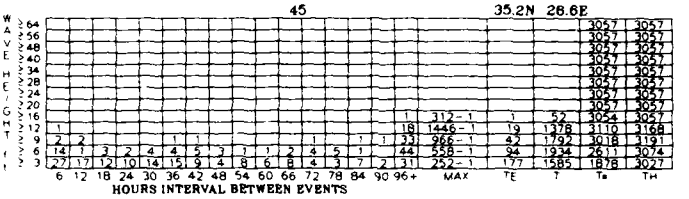


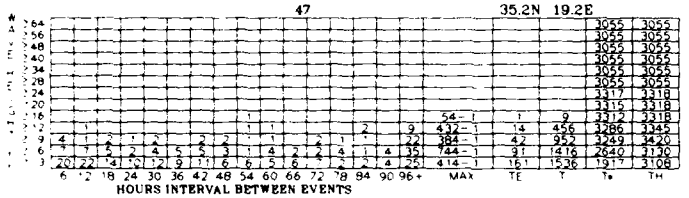


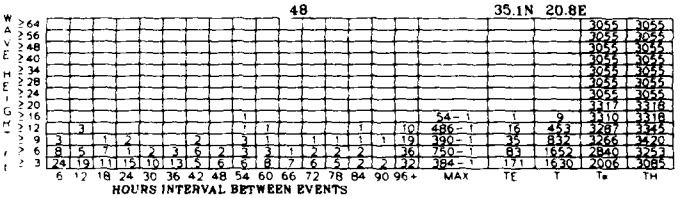


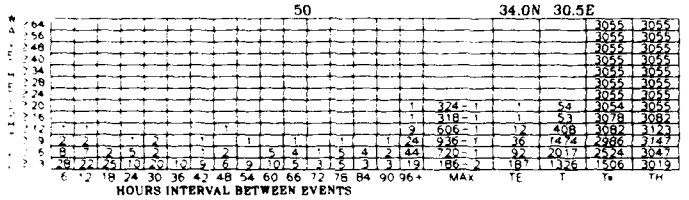


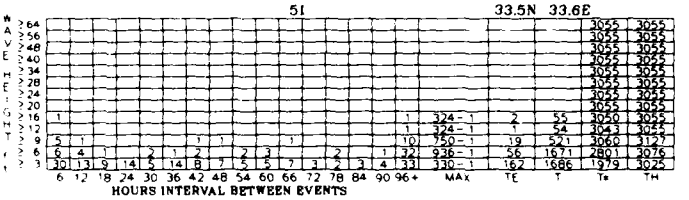

44
35.9N 16.8E
HOURS INTERVAL BETWEEN EVENTS

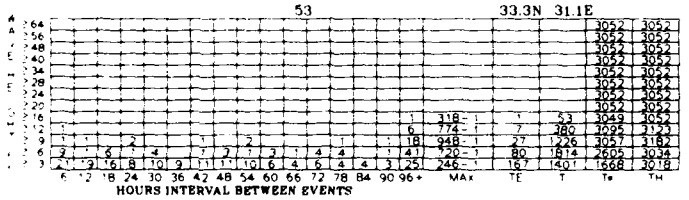

45
35.2N 28.6E
HOURS INTERVAL BETWEEN EVENTS

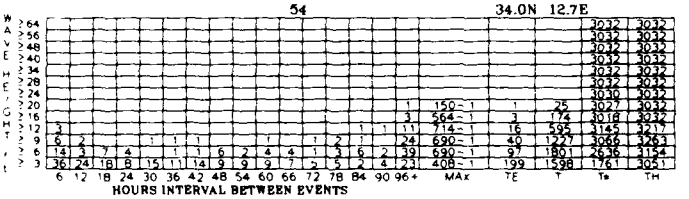

47
35.2N 19.2E
HOURS INTERVAL BETWEEN EVENTS

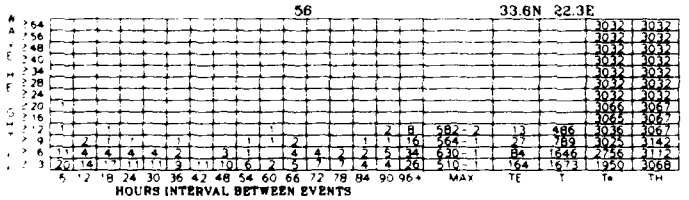

48
35.1N 20.8E
HOURS INTERVAL BETWEEN EVENTS

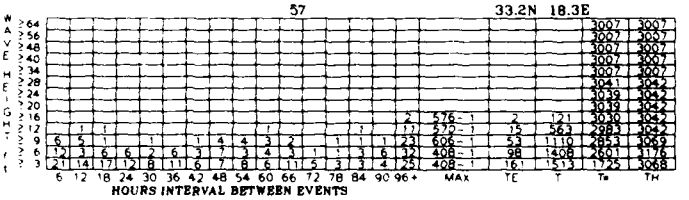

50
34.0N 30.5E
HOURS INTERVAL BETWEEN EVENTS

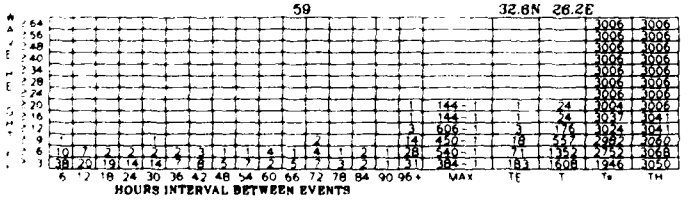

51
33.5N 33.6E
HOURS INTERVAL BETWEEN EVENTS

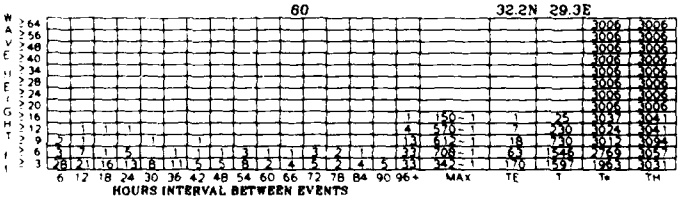

53
33.3N 31.1E
HOURS INTERVAL BETWEEN EVENTS

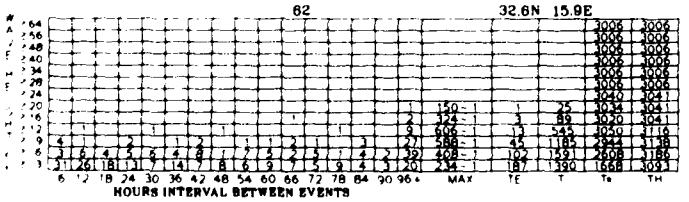

54
34.0N 12.7E
HOURS INTERVAL BETWEEN EVENTS

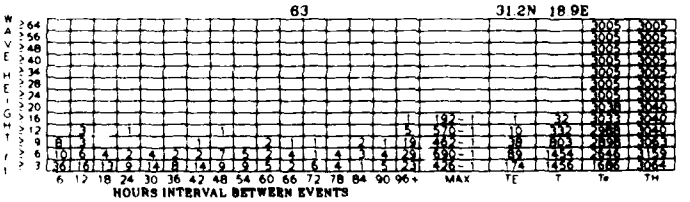

56
33.6N 22.3E
HOURS INTERVAL BETWEEN EVENTS


57
33.2N 18.3E
HOURS INTERVAL BETWEEN EVENTS

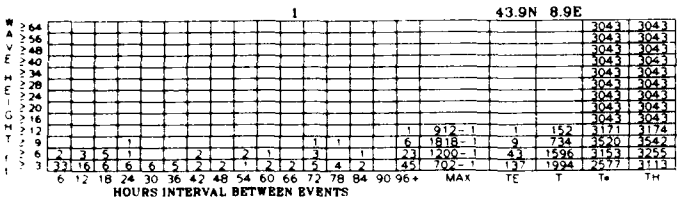

59
32.6N 26.2E
HOURS INTERVAL BETWEEN EVENTS

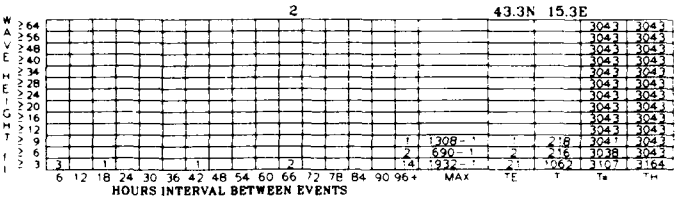

60
32.2N 29.3E
HOURS INTERVAL BETWEEN EVENTS


62
32.6N 15.9E
HOURS INTERVAL BETWEEN EVENTS


63
31.2N 18.9E
HOURS INTERVAL BETWEEN EVENTS

SUMMER


1
43.9N 8.9E
HOURS INTERVAL BETWEEN EVENTS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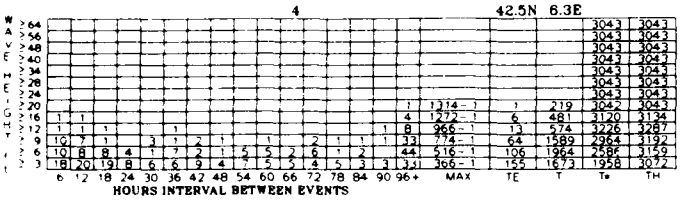
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS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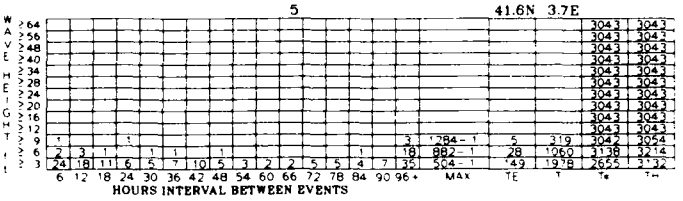
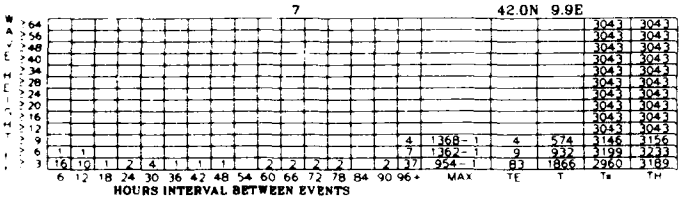
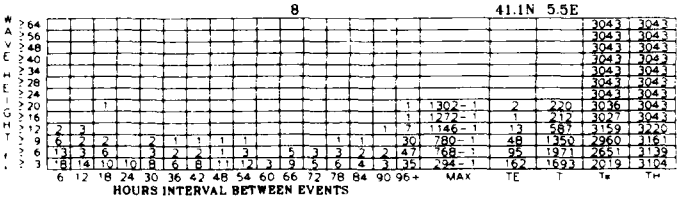
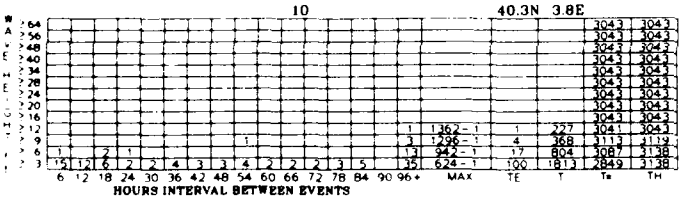
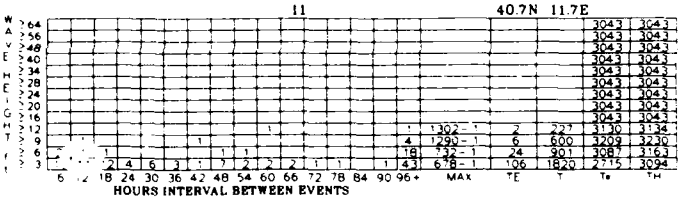
42.5N 6.3E
HOURS INTERVAL BETWEEN EVENTS

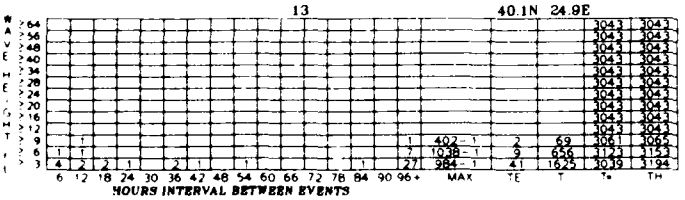

5
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

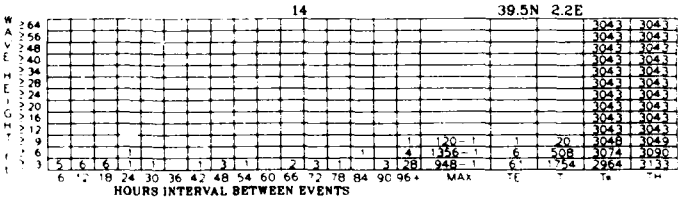

7
42.0N 9.9E
HOURS INTERVAL BETWEEN EVENTS

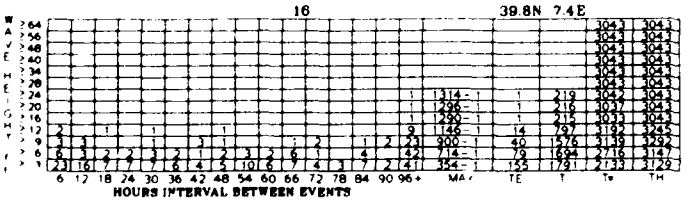

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

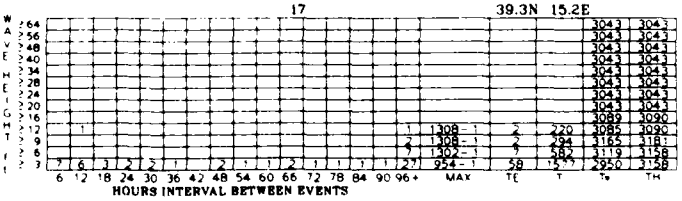

10
40.3N 3.8E
HOURS INTERVAL BETWEEN EVENTS

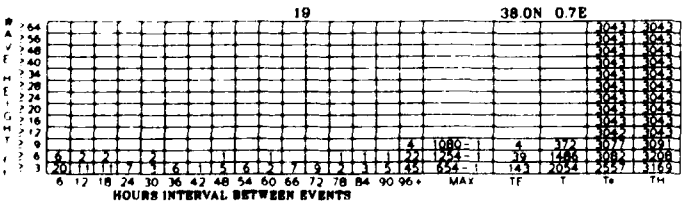

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

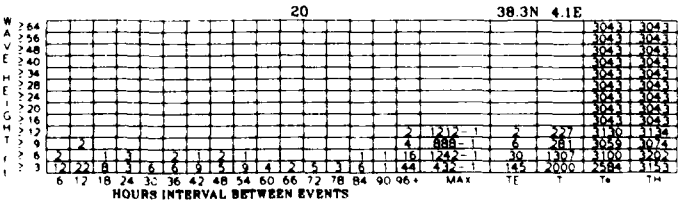

13
40.1N 24.9E
HOURS INTERVAL BETWEEN EVENTS


14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


16
39.8N 7.4E
HOURS INTERVAL BETWEEN EVENTS

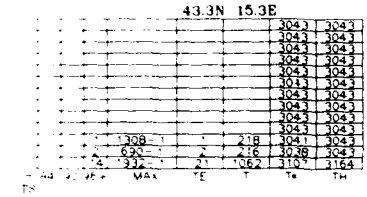

17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


19
38.0N 0.7E
HOURS INTERVAL BETWEEN EVENTS

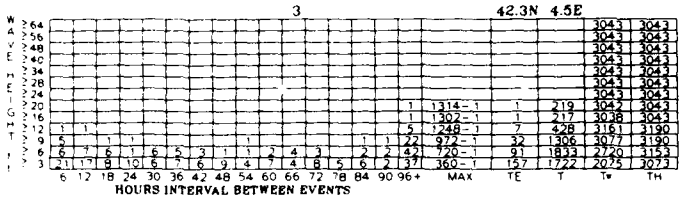

20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS

WAVE HEIGHT INTERVALS

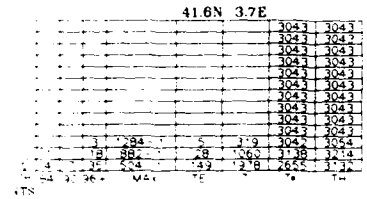
43.3N 15.3E



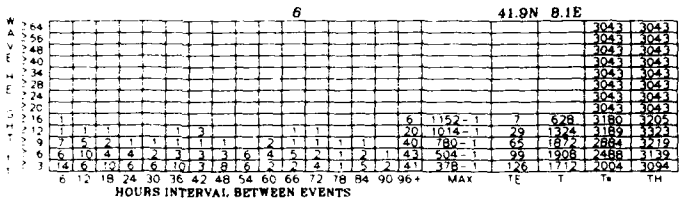
3 — 42.3N 4.5E



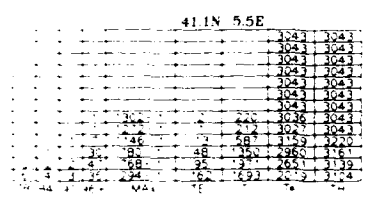
41.6N 3.7E



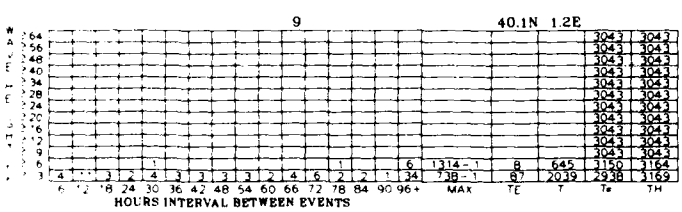
6 — 41.9N 8.1E



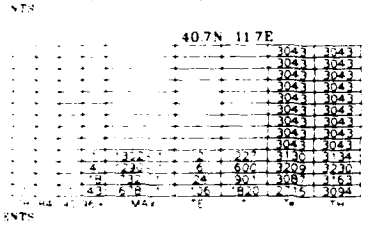
41.1N 5.5E



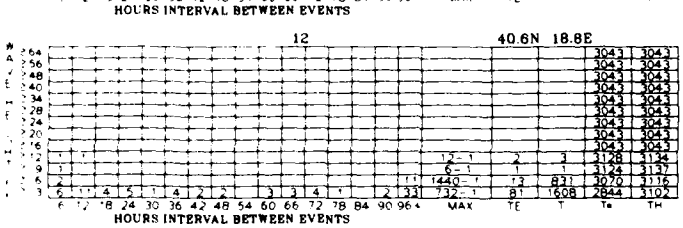
9 — 40.1N 1.2E



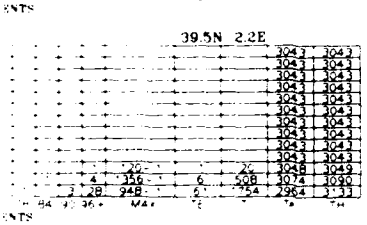
40.7N 11.7E



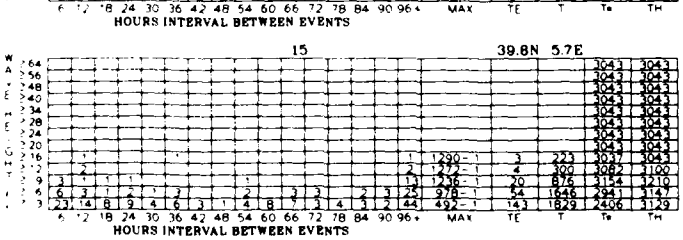
12 — 40.6N 18.8E



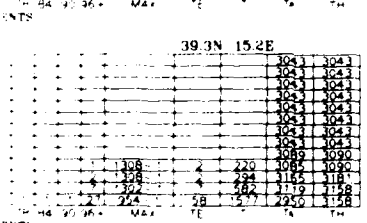
39.5N 2.2E



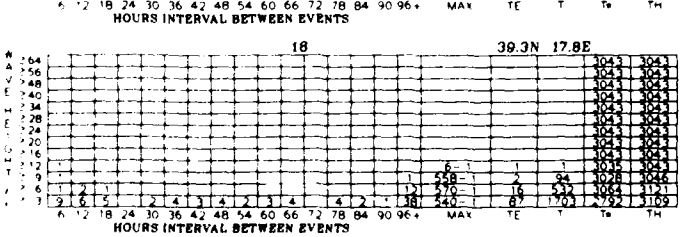
15 — 39.8N 5.7E



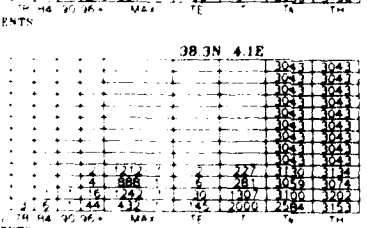
39.3N 15.2E



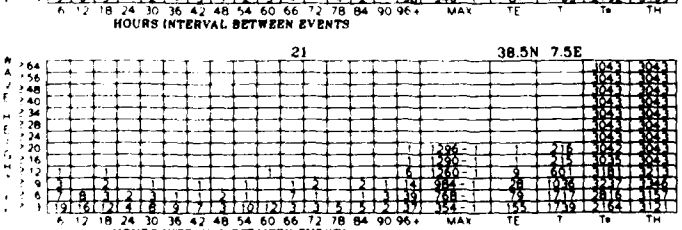
18 — 39.3N 17.8E



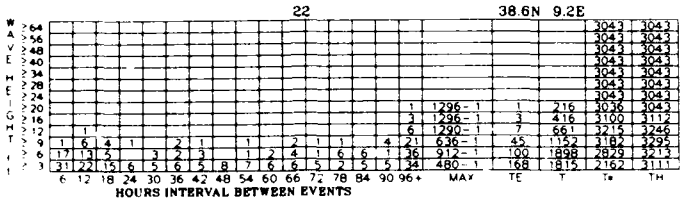
38.3N 4.1E

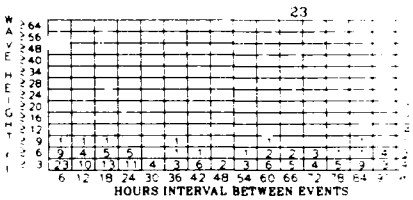


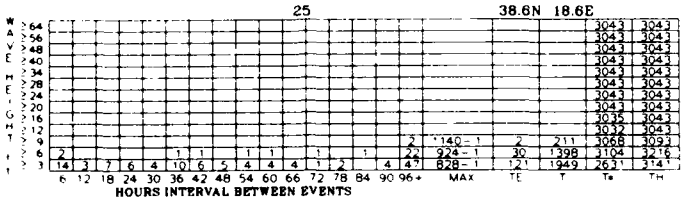
21 — 38.5N 7.5E

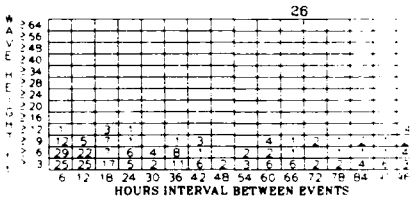


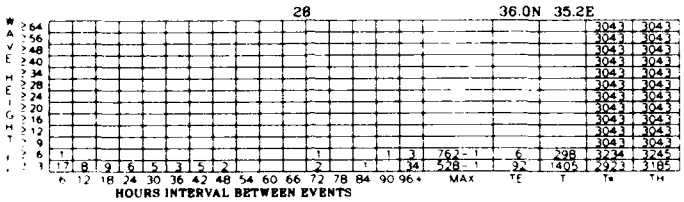
WAVE HEIGHT INTERVALS (Cont'd)

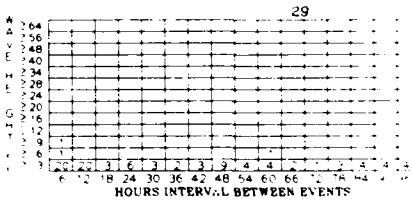


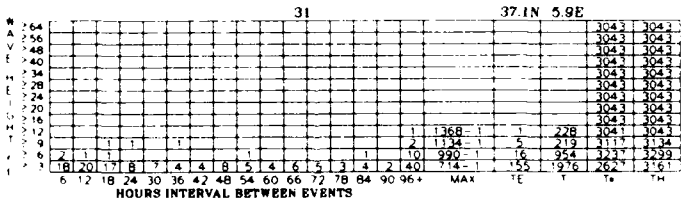


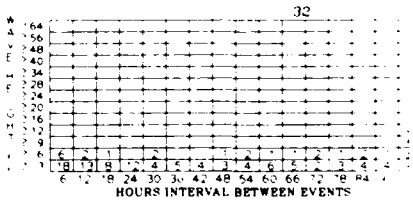


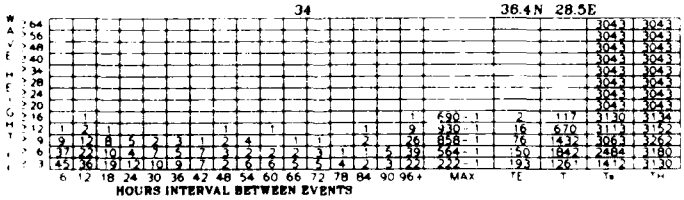


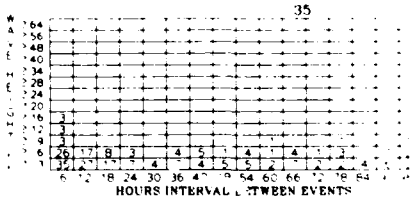


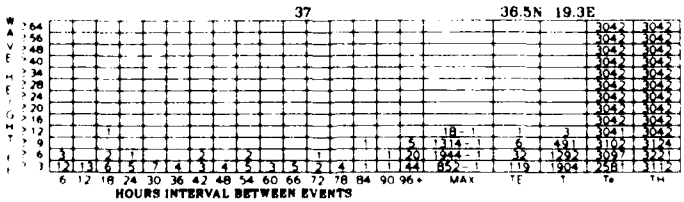


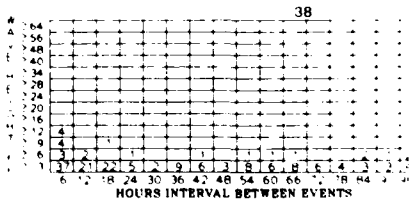


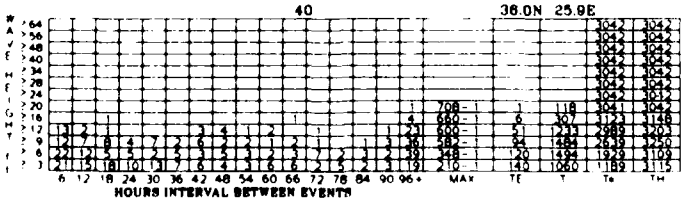


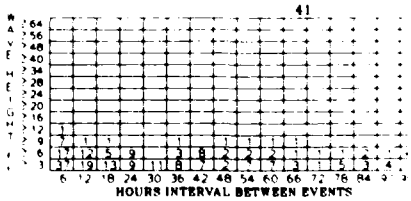


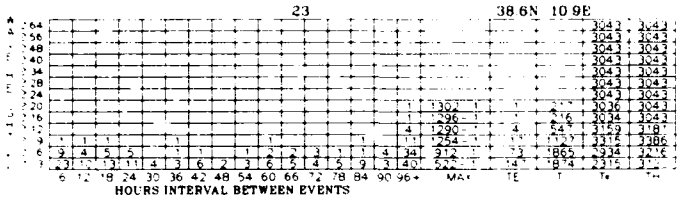


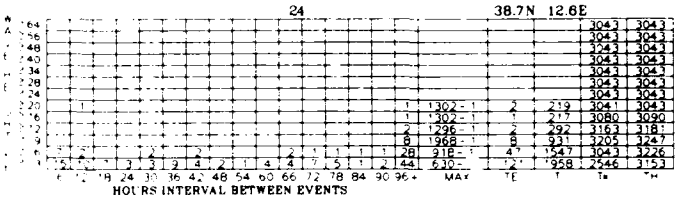


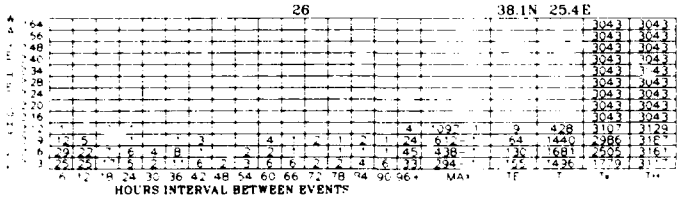


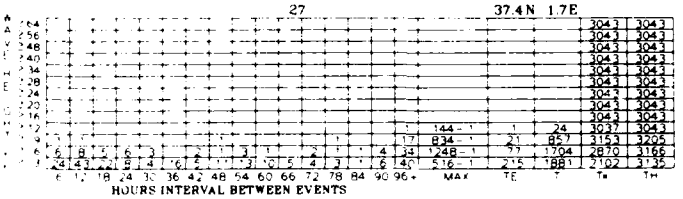


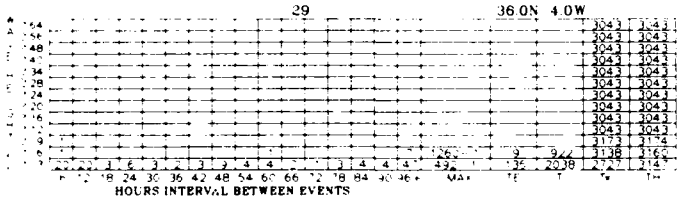


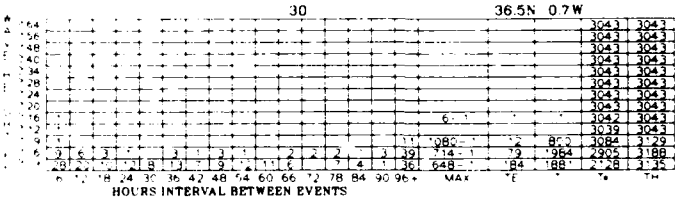

23
38.6N 10.9E
HOURS INTERVAL BETWEEN EVENTS

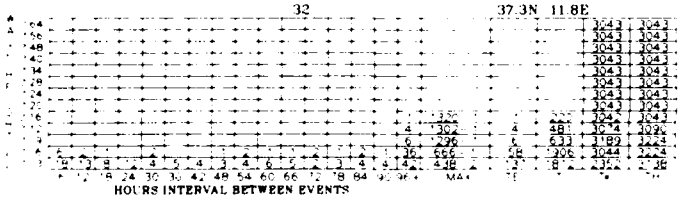

24
38.7N 12.6E
HOURS INTERVAL BETWEEN EVENTS

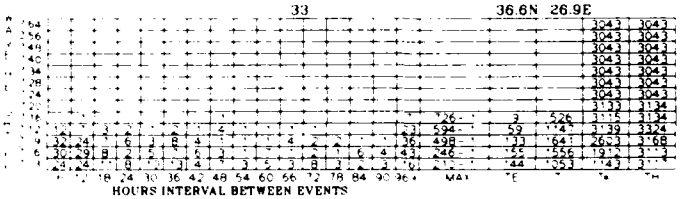

26
38.1N 25.4E
HOURS INTERVAL BETWEEN EVENTS

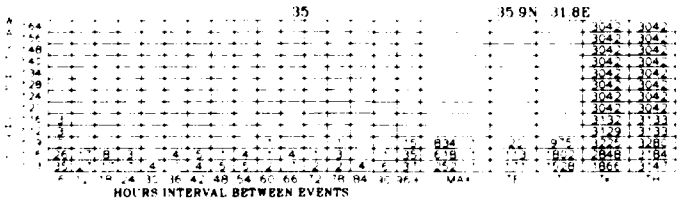

27
37.4N 1.7E
HOURS INTERVAL BETWEEN EVENTS

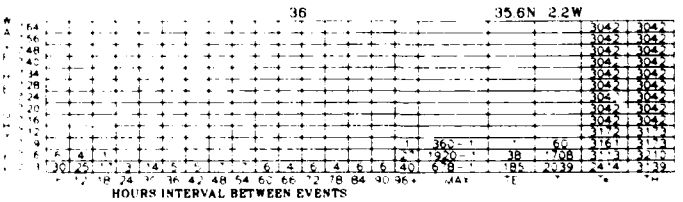

29
36.0N 4.0W
HOURS INTERVAL BETWEEN EVENTS

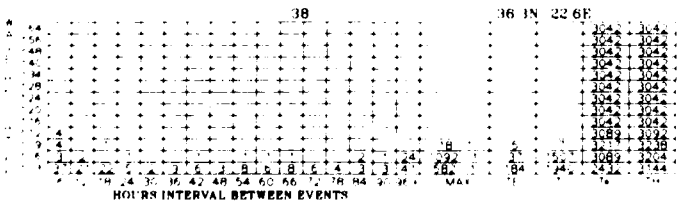

30
36.5N 0.7W
HOURS INTERVAL BETWEEN EVENTS

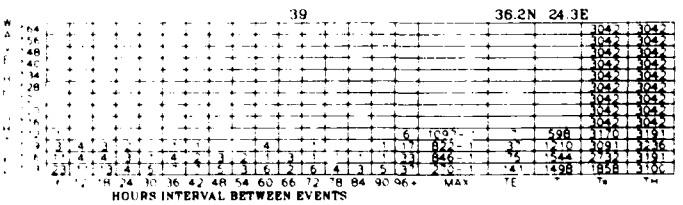

32
37.3N 11.8E
HOURS INTERVAL BETWEEN EVENTS

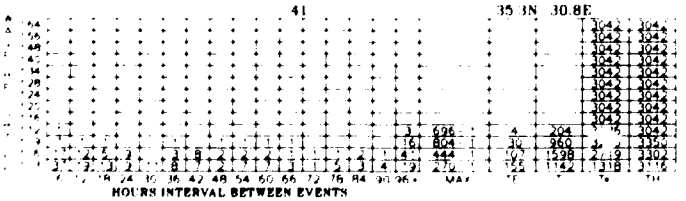

33
36.6N 26.9E
HOURS INTERVAL BETWEEN EVENTS

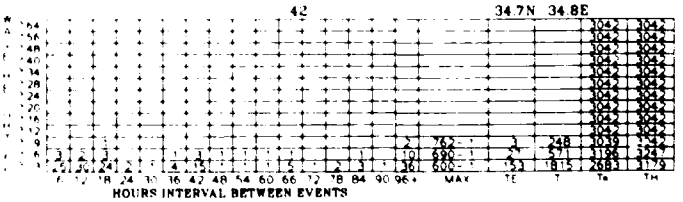

35
35.9N 31.8E
HOURS INTERVAL BETWEEN EVENTS


36
35.6N 2.2W
HOURS INTERVAL BETWEEN EVENTS


38
36.1N 22.6E
HOURS INTERVAL BETWEEN EVENTS

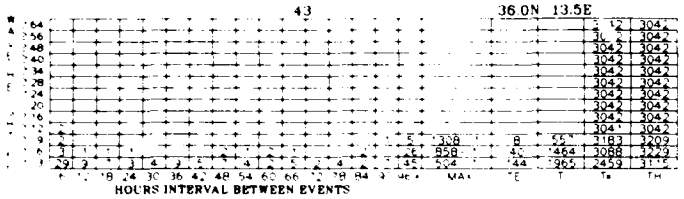

39
36.2N 24.3E
HOURS INTERVAL BETWEEN EVENTS

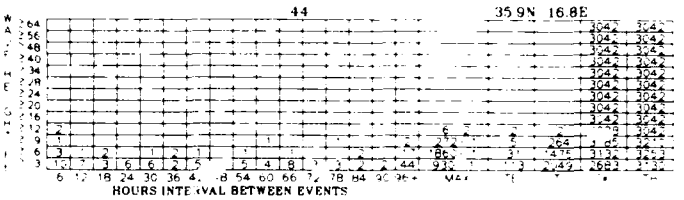

41
35.1N 30.8E
HOURS INTERVAL BETWEEN EVENTS

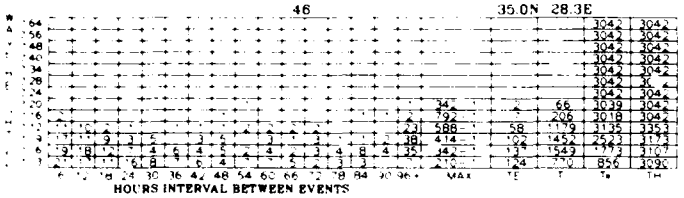

42
34.7N 34.8E
HOURS INTERVAL BETWEEN EVENTS

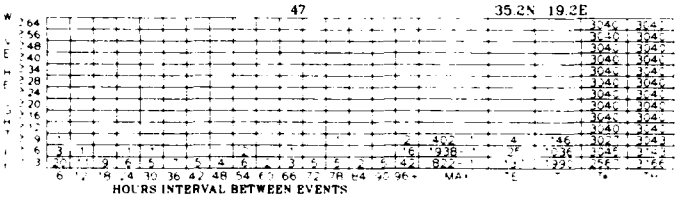
SUMMER

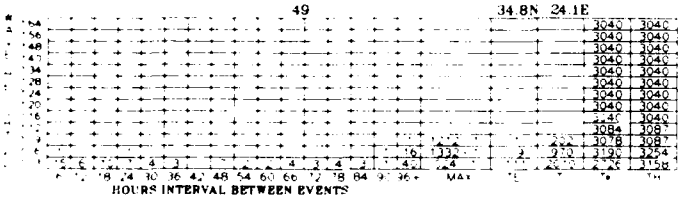
WAVE HEIGH

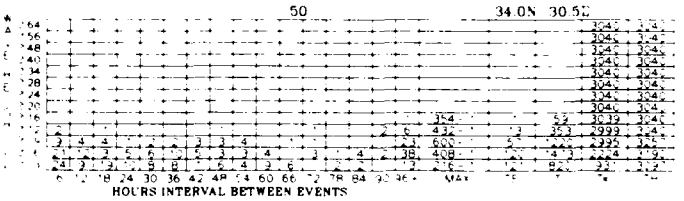


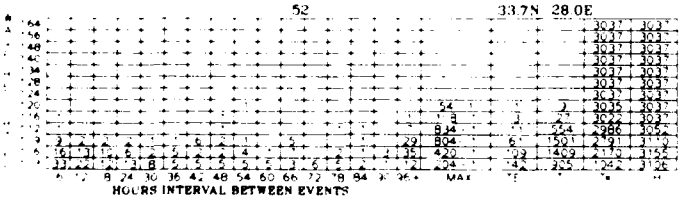


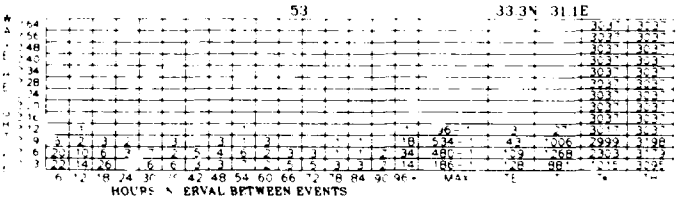


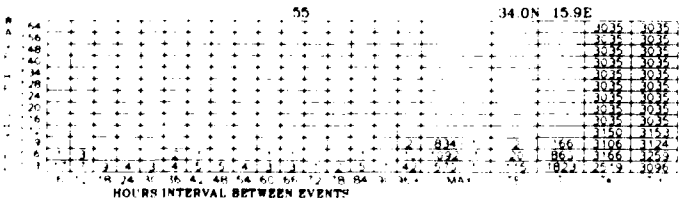


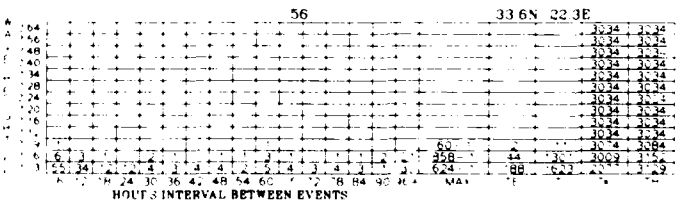


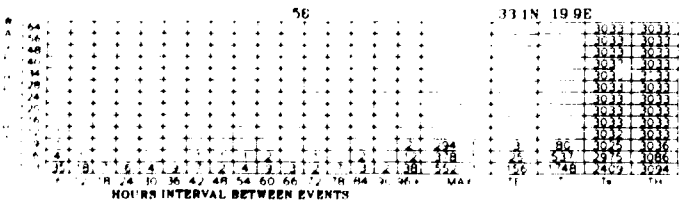


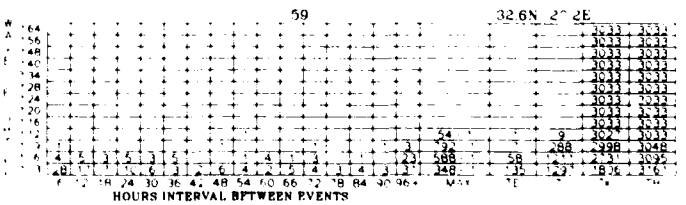


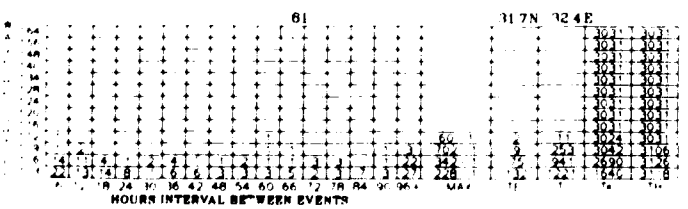


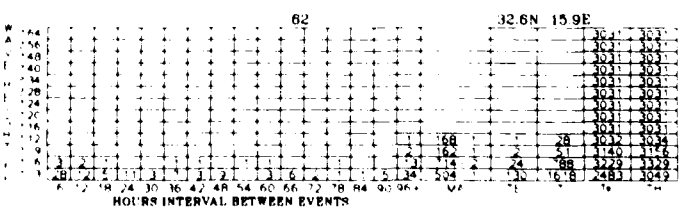






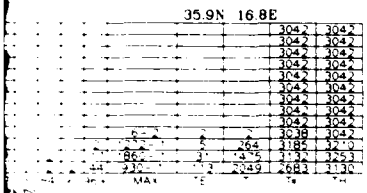




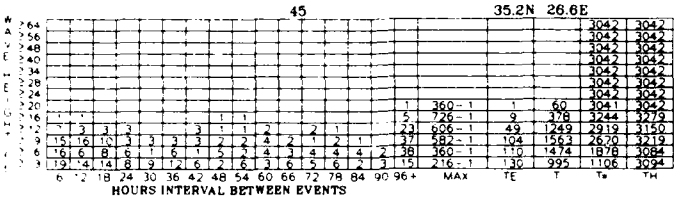


WAVE HEIGHT INTERVALS (Cont'd)

35.9N 16.8E

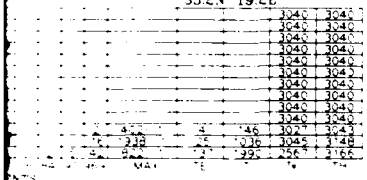


45

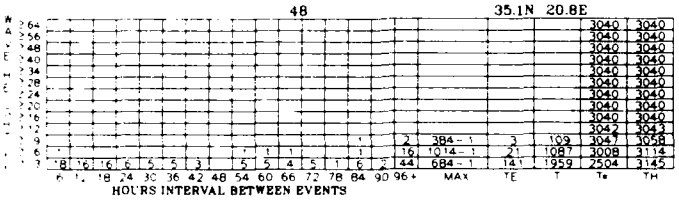


35.2N 26.6E

35.2N 19.2E

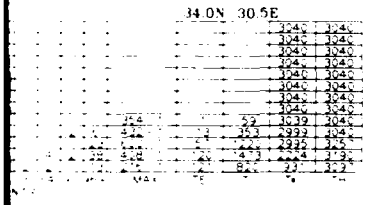


48

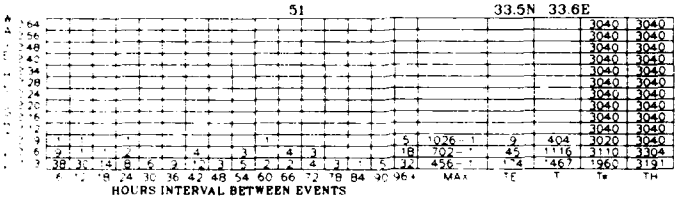


35.1N 20.8E

34.0N 30.5E

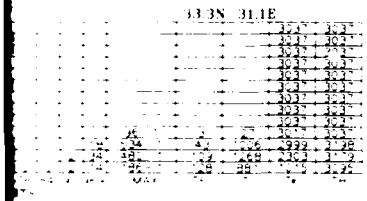


51

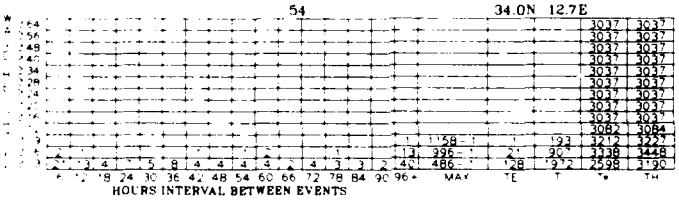


33.5N 33.6E

33.3N 31.1E

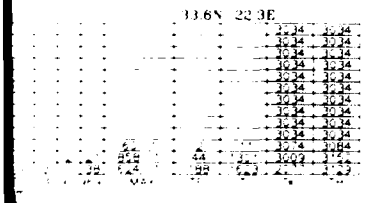


54

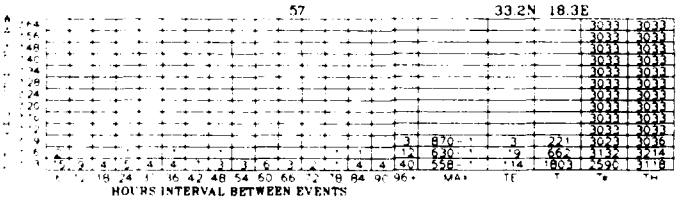


34.0N 12.7E

33.6N 22.3E

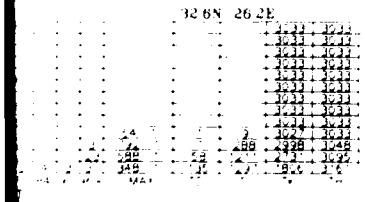


57



33.2N 18.3E

32.6N 26.2E



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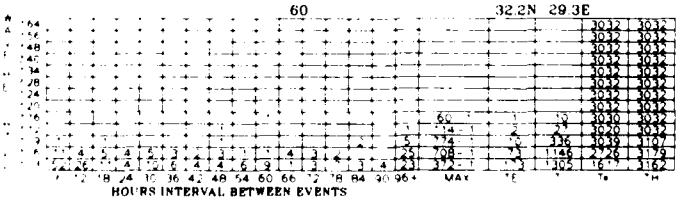
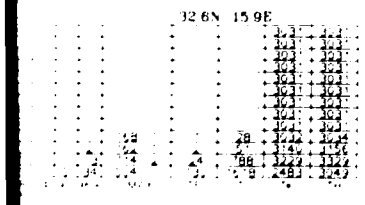
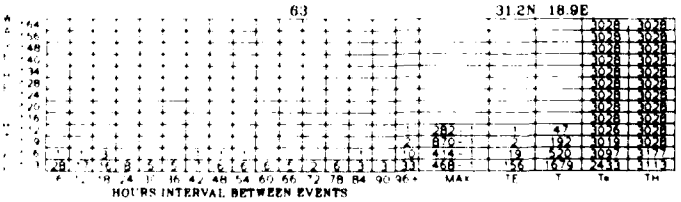


32.2N 29.3E

32.6N 15.9E

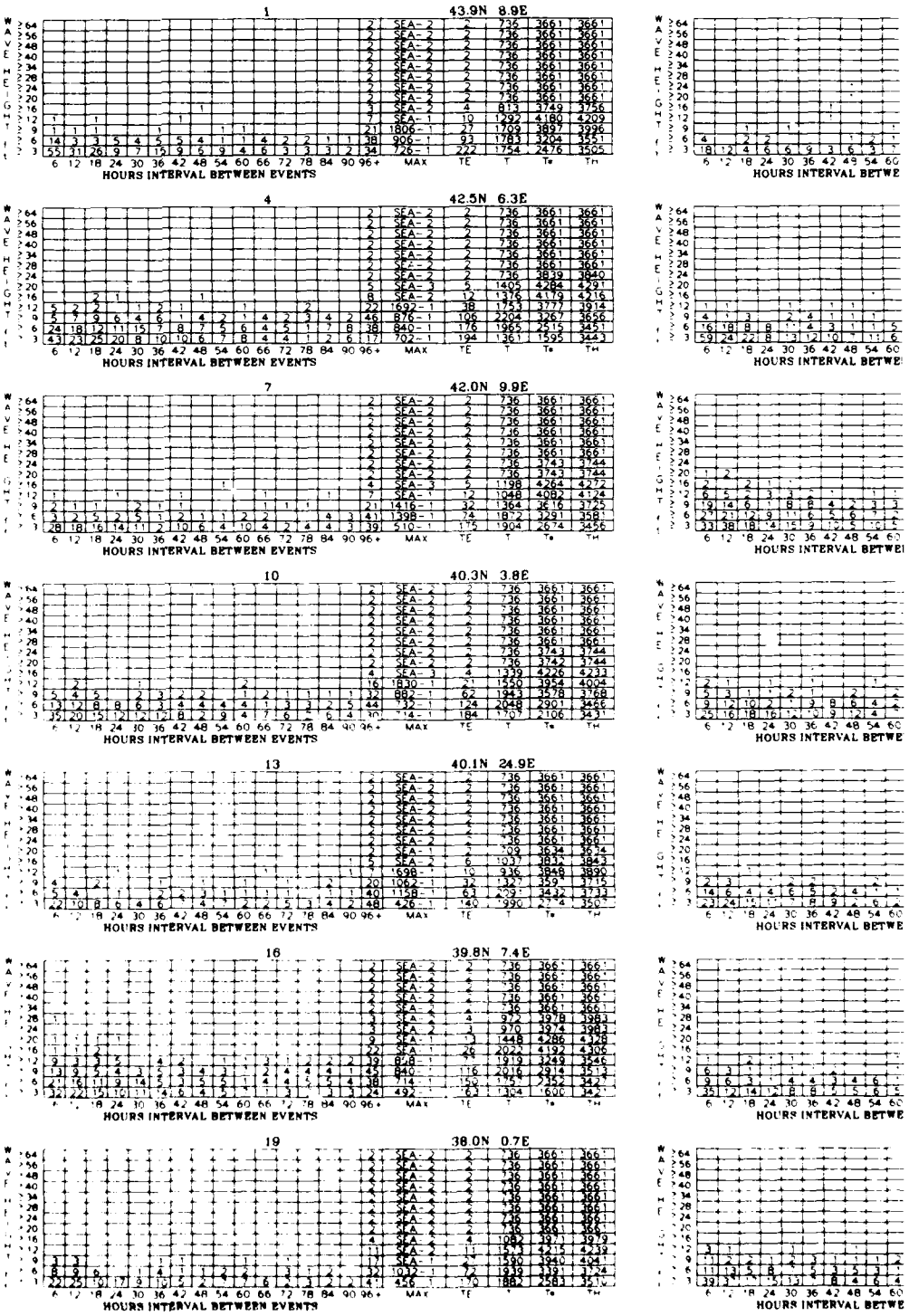


63

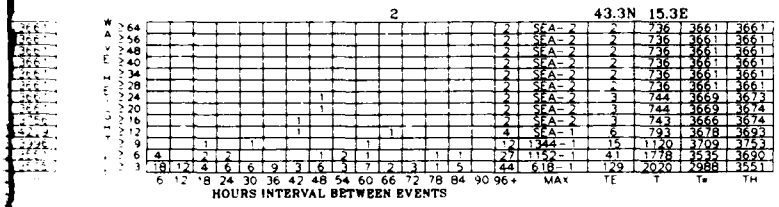


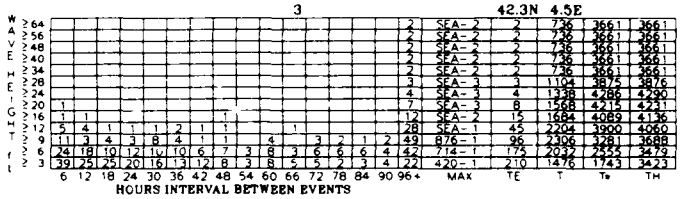
31.2N 18.9E

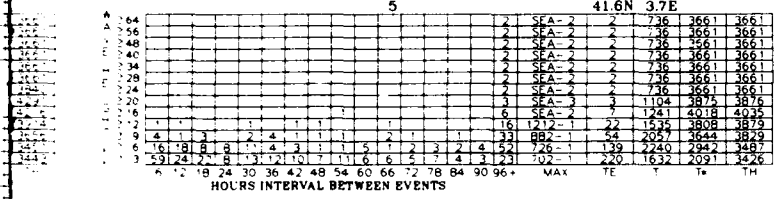
WAVE HEIGHT INTERVALS

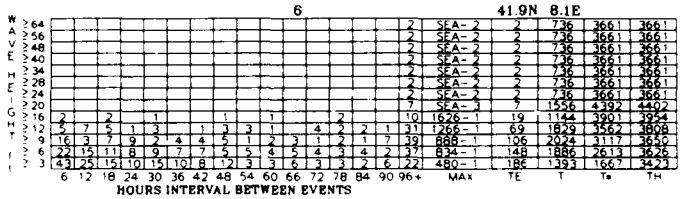


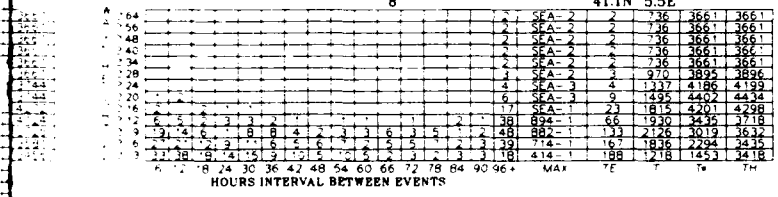
FALL

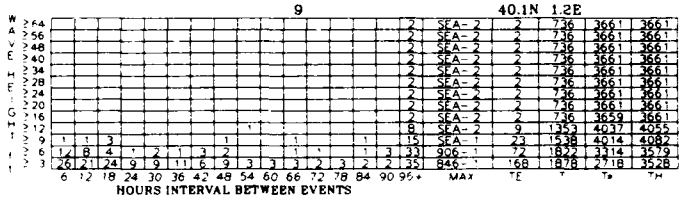

2
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS

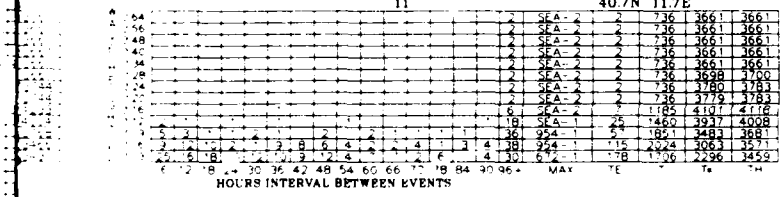

3
42.3N 4.5E
HOURS INTERVAL BETWEEN EVENTS

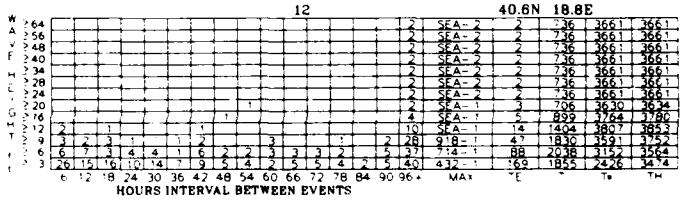

5
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

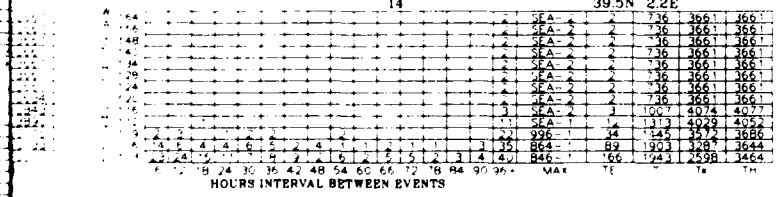

6
41.9N 8.1E
HOURS INTERVAL BETWEEN EVENTS

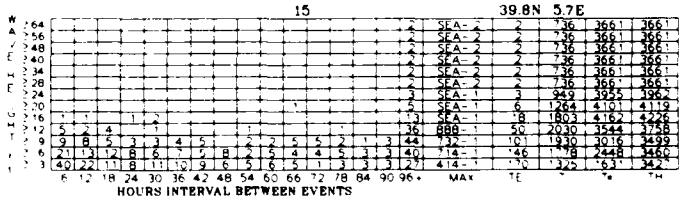

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

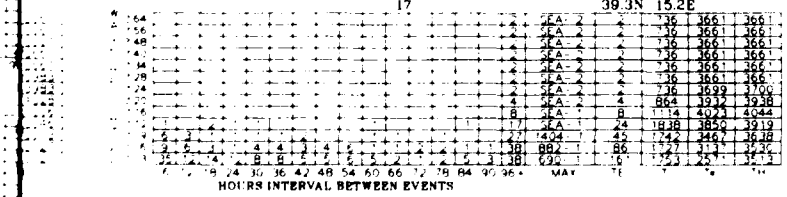

9
40.1N 1.2E
HOURS INTERVAL BETWEEN EVENTS

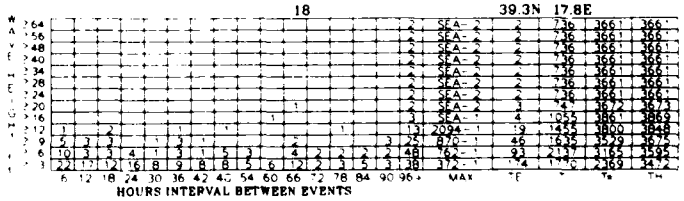

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

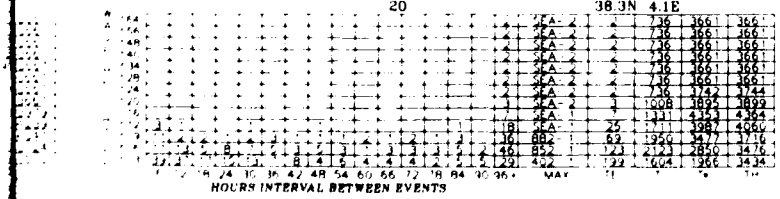

12
40.6N 18.8E
HOURS INTERVAL BETWEEN EVENTS

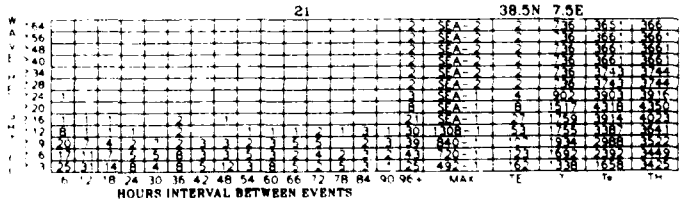

14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


15
39.8N 5.7E
HOURS INTERVAL BETWEEN EVENTS


17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS

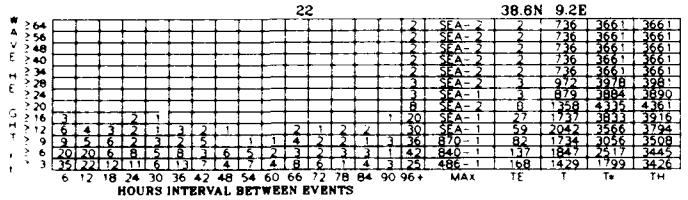

18
39.3N 17.8E
HOURS INTERVAL BETWEEN EVENTS

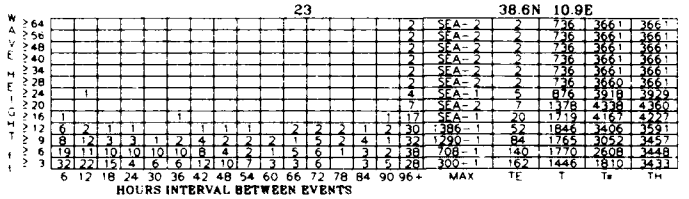

20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS

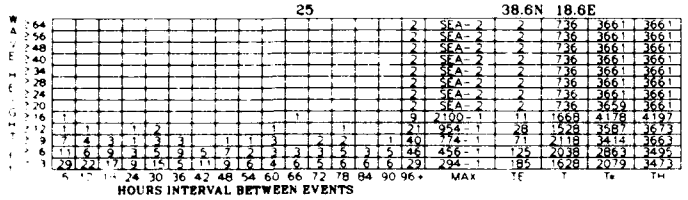

21
38.5N 7.5E
HOURS INTERVAL BETWEEN EVENTS

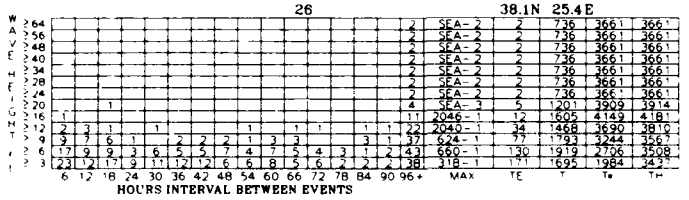
FALL

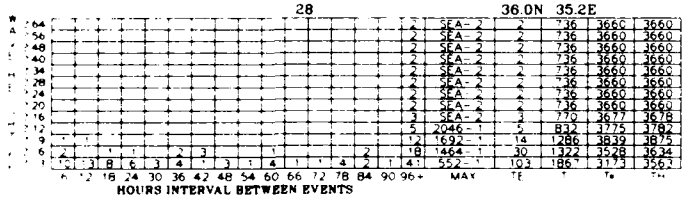
WAVE HEI

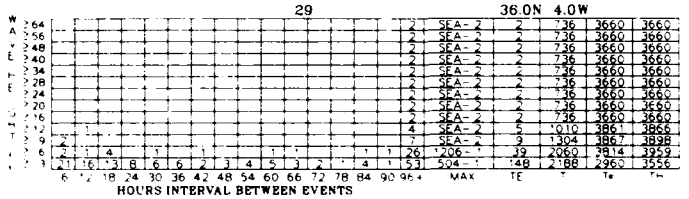


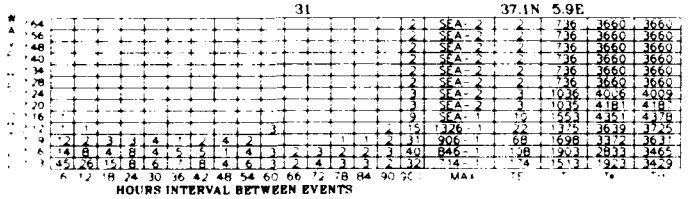


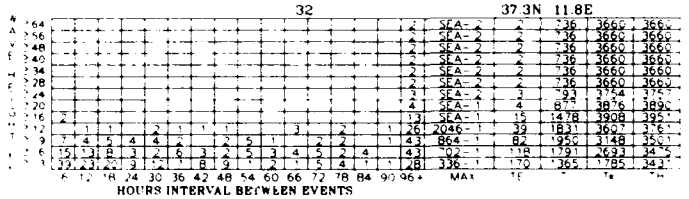


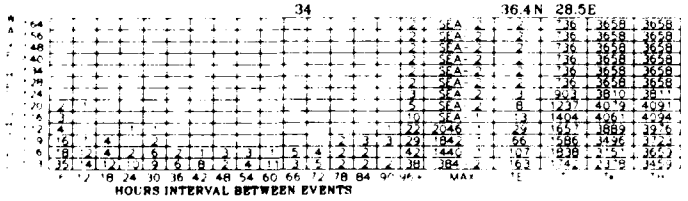


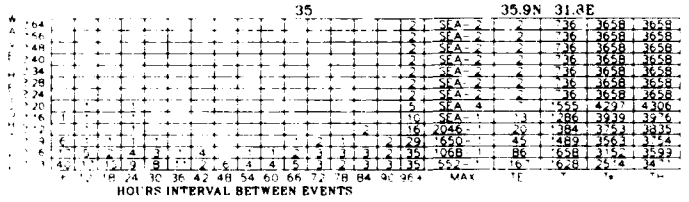


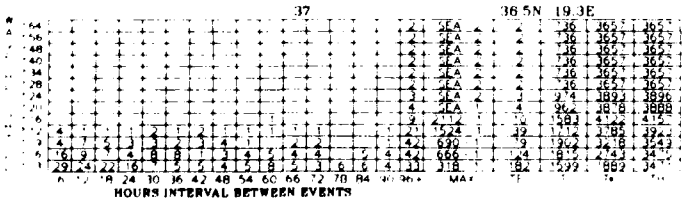


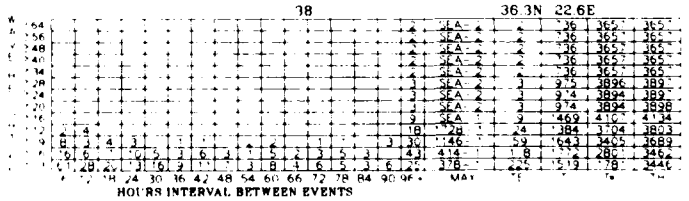


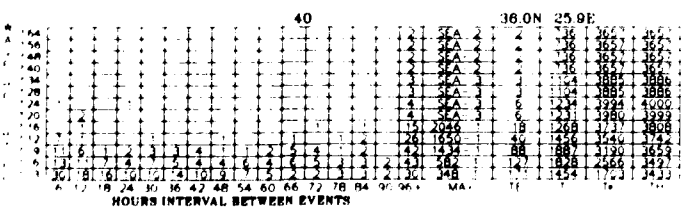


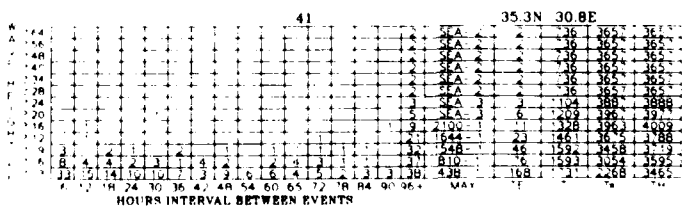












WAVE HEIGHT INTERVALS (Cont'd)

38.6N 10.9E

SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3660	3661
SEA- 2	5	876	3918	3929
SEA- 2	7	1378	4138	4360
SEA- 1	20	1319	4167	4227
30	1386 - 1	52	1846	3406	3591
32	1290 - 1	84	1765	3052	3457
18	708 - 1	140	1770	2608	3448
28	300 - 1	162	1446	1810	3433
MAX	TE	T	Te	TH

24

SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3699	3700
SEA- 2	5	1028	4166	4176
SEA- 1	7	955	4087	4108
SEA- 1	18	1721	4046	4114
27	1392 - 1	41	1698	3342	3531
35	1284 - 1	79	1770	3134	3528
44	720 - 1	122	1836	2674	3476
29	684 - 1	164	1435	1905	3450
MAX	TE	T	Te	TH

38.7N 12.6E

HOURS INTERVAL BETWEEN EVENTS

38.1N 25.4E

SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	5	1201	3909	3914
2046 - 1	12	1605	4149	4181
2040 - 1	34	1468	3690	3810
624 - 1	77	1793	3244	3567
690 - 1	130	1919	2706	3508
318 - 1	141	1694	1984	3437
MAX	TE	T	Te	TH

27

SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	2	736	3661	3661
SEA- 2	3	1009	3901	3904
SEA- 1	3	1007	3893	3904
SEA- 1	21	1653	4016	4071
996 - 1	52	1806	3710	3897
888 - 1	97	2122	3034	3534
438 - 1	207	1870	2222	3452
MAX	TE	T	Te	TH

37.4N 1.7E

HOURS INTERVAL BETWEEN EVENTS

36.0N 4.0W

SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	5	1010	3861	3866
SEA- 2	9	1304	3867	3898
2066 - 1	39	2060	3814	3959
624 - 1	48	2188	2960	3556
MAX	TE	T	Te	TH

30

SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	3	1008	3814	3816
SEA- 1	10	1195	4388	4421
1650 - 1	32	1562	3639	3774
1098 - 1	87	1907	3205	3604
372 - 2	175	1962	2500	3510
MAX	TE	T	Te	TH

36.5N 0.7W

HOURS INTERVAL BETWEEN EVENTS

37.3N 11.8E

SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	2	736	3660	3660
SEA- 2	4	933	3754	3757
SEA- 4	4	8[illegible]	3876	3890
SEA- 4	15	1478	3908	3951
2346 - 1	33	1831	3607	3761
864 - 1	82	1950	3148	3547
624 - 1	118	1701	2693	3412
336 - 1	155	1365	1882	3447
MAX	TE	T	Te	TH

33

SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 3	3	1104	3889	3890
SEA- 4	4	1288	3968	4001
SEA- 1	8	1195	3933	3951
2046 - 1	17	1330	3784	3838
2040 - 1	41	1443	3601	3766
1452 - 1	83	1847	3283	3665
696 - 1	125	1828	2746	3547
378 - 1	178	1598	1955	3435
MAX	TE	T	Te	TH

36.6N 26.9E

HOURS INTERVAL BETWEEN EVENTS

35.9N 31.3E

SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 1	2	641	3562	3563
SEA- 1	4	734	3605	3614
2106 - 1	20	1699	3997	4063
1133 - 1	40	1903	3383	3650
474 - 1	148	1988	2622	3410
MAX	TE	T	Te	TH

36

SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 2	2	736	3658	3658
SEA- 1	2	641	3562	3563
SEA- 1	4	734	3605	3614
2106 - 1	20	1699	3997	4063
1133 - 1	40	1903	3383	3650
474 - 1	148	1988	2622	3410
MAX	TE	T	Te	TH

35.6N 2.2W

HOURS INTERVAL BETWEEN EVENTS

36.3N 22.6E

SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
MAX	TE	T	Te	TH

39

SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	4	996	4004	4006
SEA- 2	6	1111	4149	4161
2106 - 1	14	1447	4007	4060
1650 - 1	31	1414	3530	3729
1098 - 1	70	1734	3140	3654
582 - 1	117	1864	2588	3496
294 - 1	155	1435	1745	3446
MAX	TE	T	Te	TH

36.2N 24.3E

HOURS INTERVAL BETWEEN EVENTS

35.3N 30.8E

SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
MAX	TE	T	Te	TH

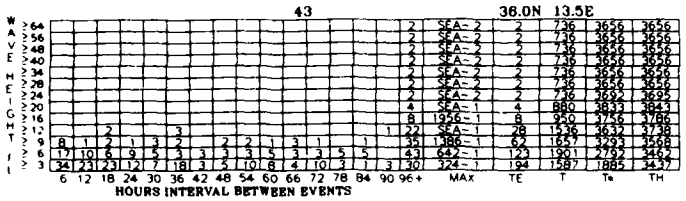
42

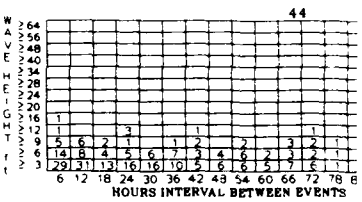
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
SEA- 2	2	736	3657	3657
MAX	TE	T	Te	TH

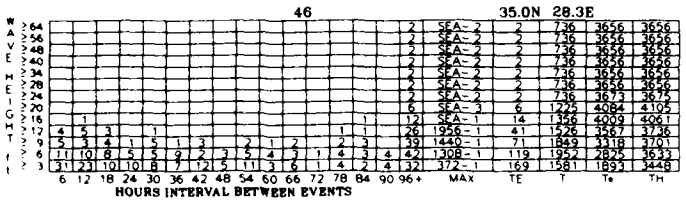
34.7N 34.8E

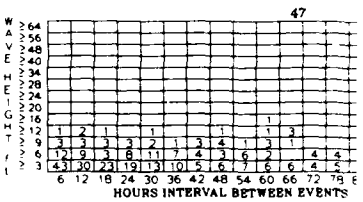
HOURS INTERVAL BETWEEN EVENTS

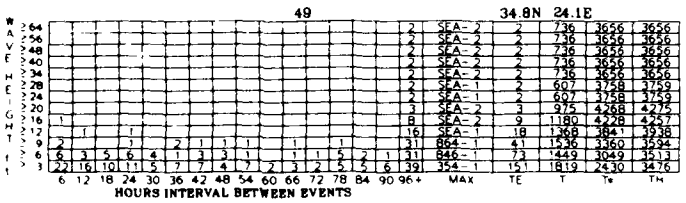
WAVE HEIGHT INTERVALS (Cont'd)

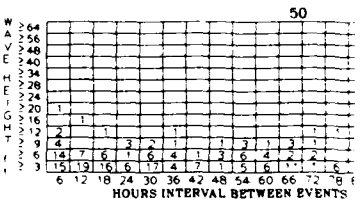


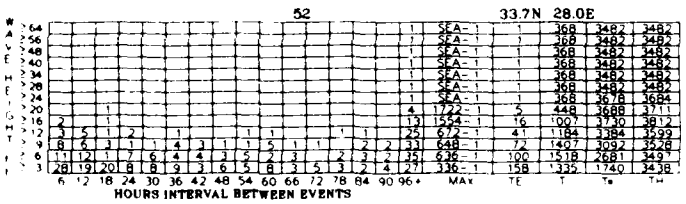


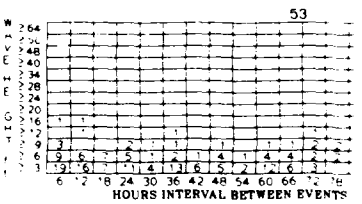


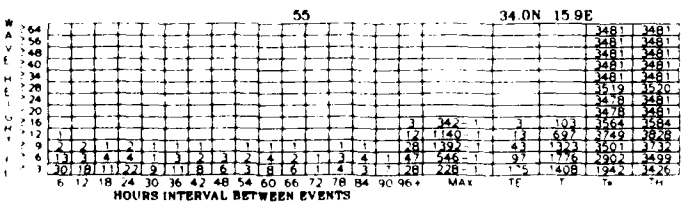


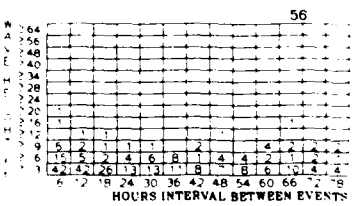


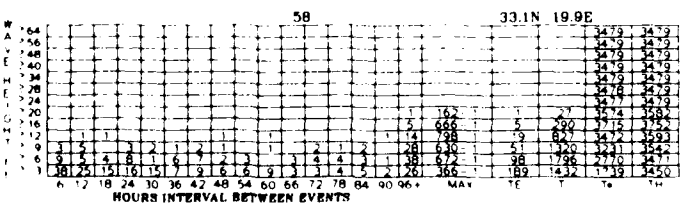


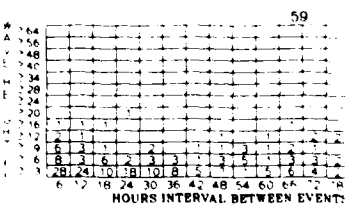


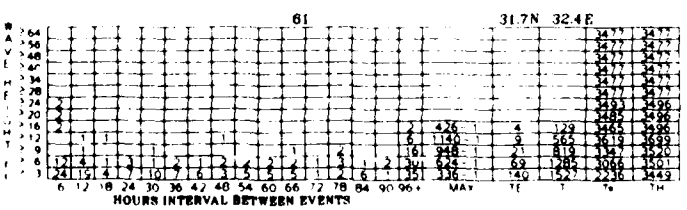


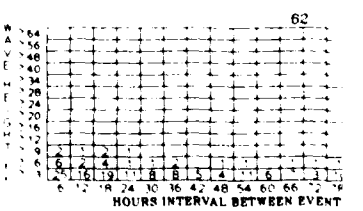


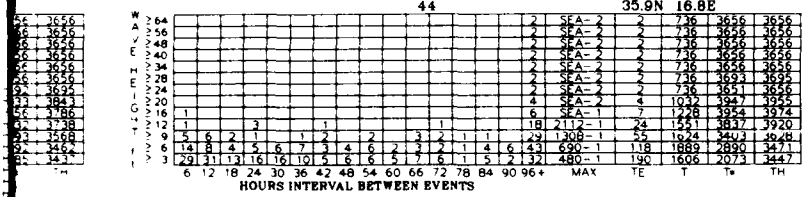


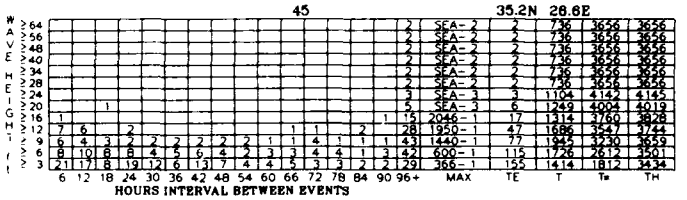


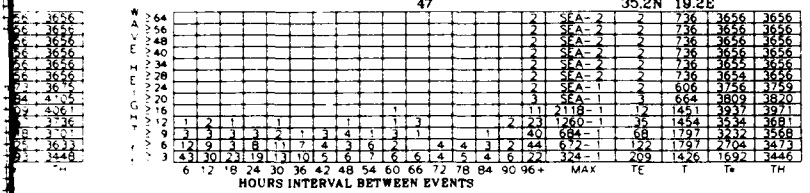







44
35.9N 16.8E
HOURS INTERVAL BETWEEN EVENTS


45
35.2N 28.6E
HOURS INTERVAL BETWEEN EVENTS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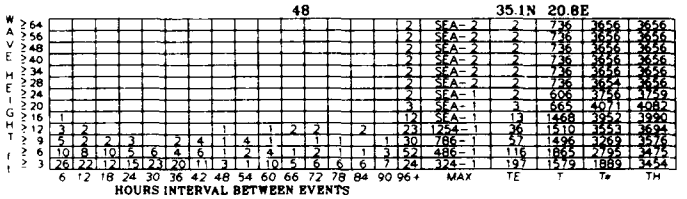
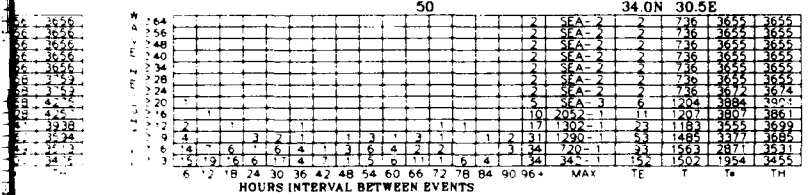
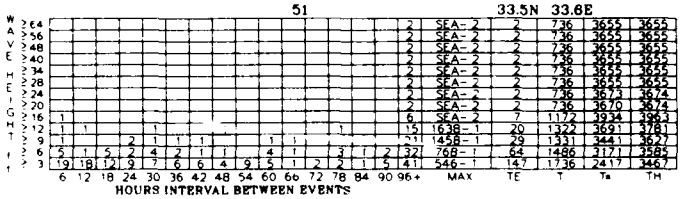
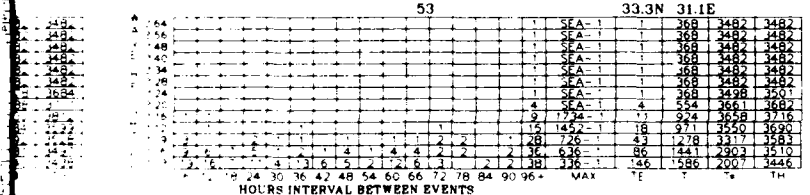
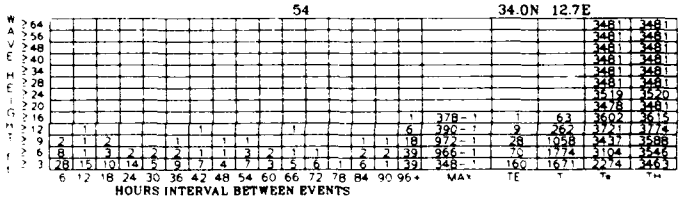
35.2N 19.2E
HOURS INTERVAL BETWEEN EVENTS

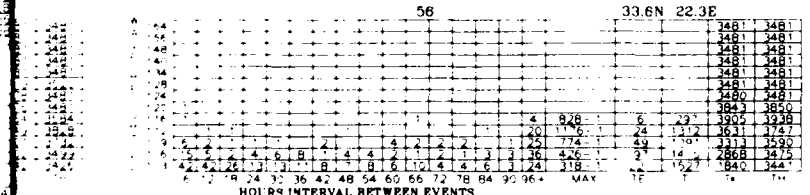

48
35.1N 20.8E
HOURS INTERVAL BETWEEN EVENTS

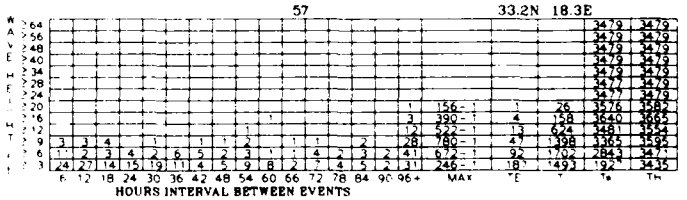

50
34.0N 30.5E
HOURS INTERVAL BETWEEN EVENTS


51
33.5N 33.6E
HOURS INTERVAL BETWEEN EVENTS


53
33.3N 31.1E
HOURS INTERVAL BETWEEN EVENTS


54
34.0N 12.7E
HOURS INTERVAL BETWEEN EVENTS


56
33.6N 22.3E
HOURS INTERVAL BETWEEN EVENTS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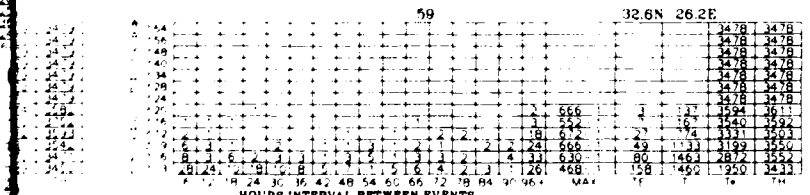
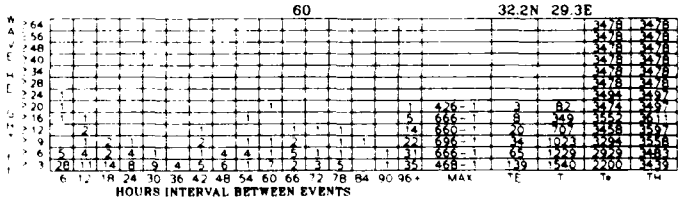
33.2N 18.3E
HOURS INTERVAL BETWEEN EVENTS


59
32.6N 26.2E
HOURS INTERVAL BETWEEN EVENTS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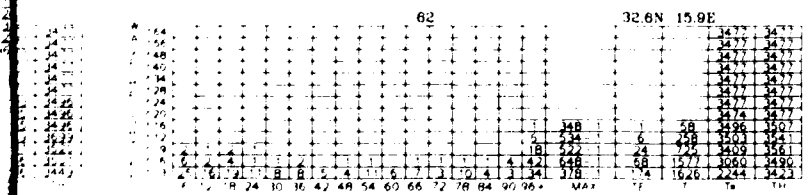
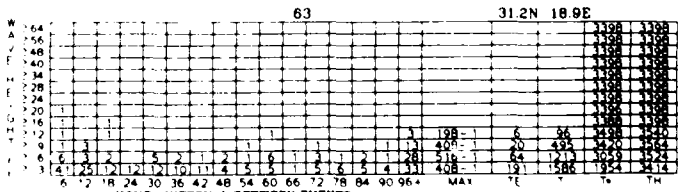
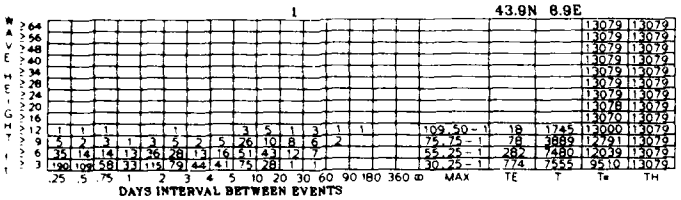
32.2N 29.3E
HOURS INTERVAL BETWEEN EVENTS


62
32.6N 15.9E
HOURS INTERVAL BETWEEN EVENTS


63
31.2N 18.9E
HOURS INTERVAL BETWEEN EVENTS

ANNUAL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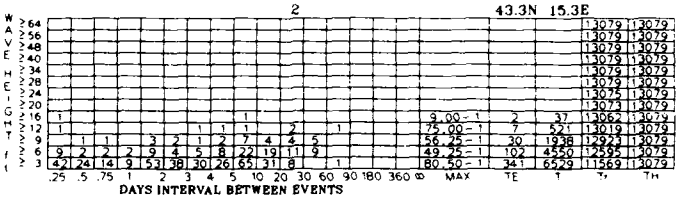
43.9N 8.9E
DAYS INTERVAL BETWEEN EVENTS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43.3N 15.3E
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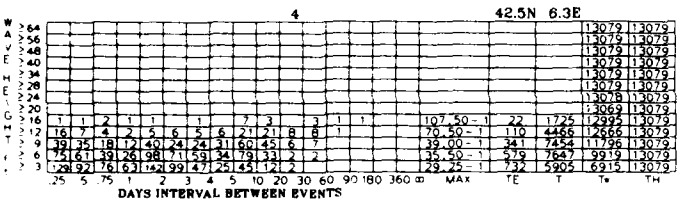
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42.5N 6.3E
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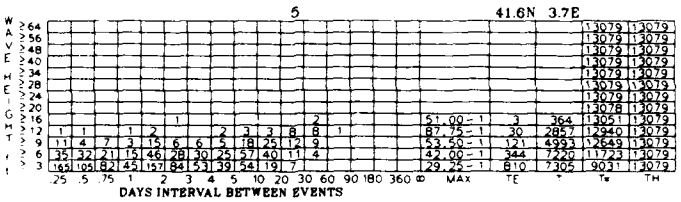
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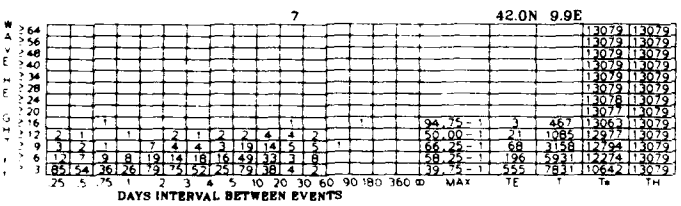
41.6N 3.7E
DAYS INTERVAL BETWEEN EVENTS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42.0N 9.9E
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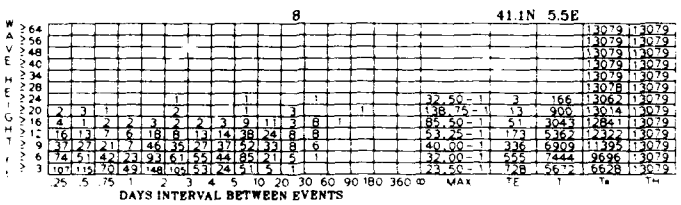
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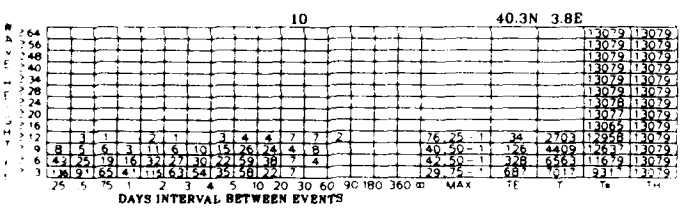
41.1N 5.5E
DAYS INTERVAL BETWEEN EVENTS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40.3N 3.8E
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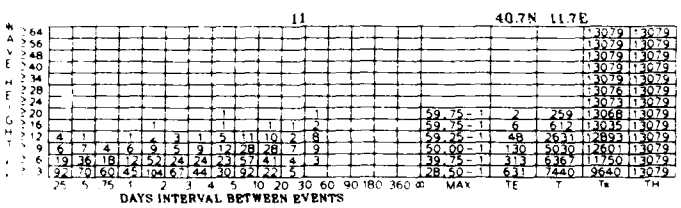
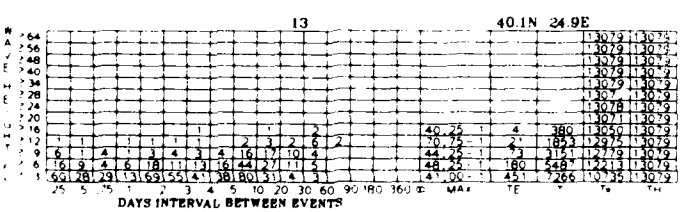
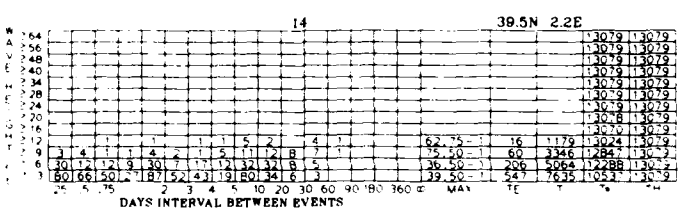
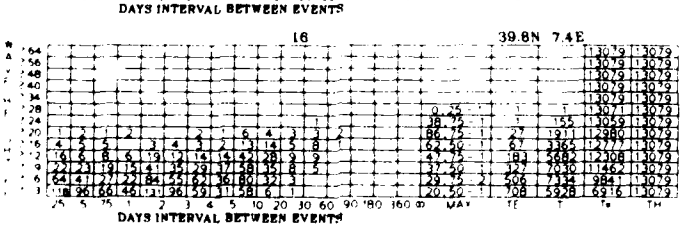
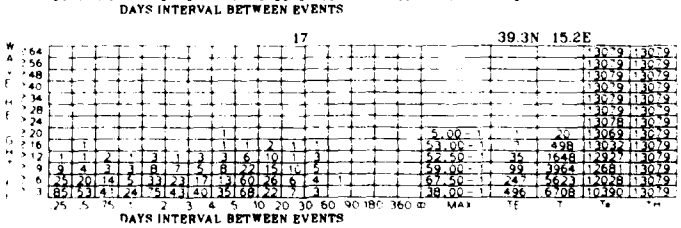
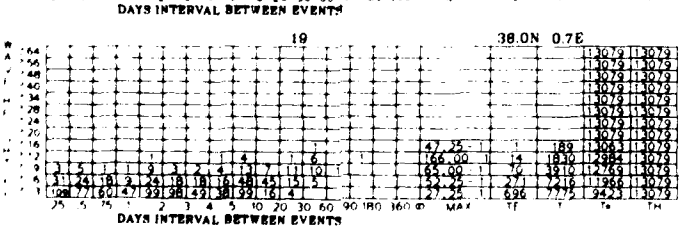

11
40.7N 11.7E
DAYS INTERVAL BETWEEN EVENTS

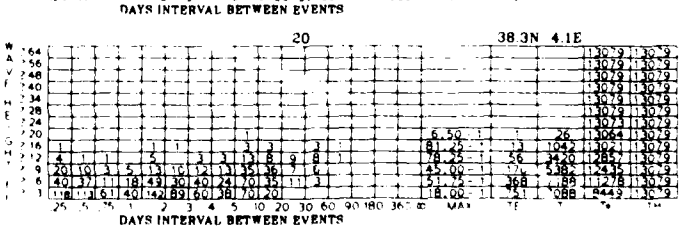

13
40.1N 24.9E
DAYS INTERVAL BETWEEN EVENTS


14
39.5N 2.2E
DAYS INTERVAL BETWEEN EVENTS

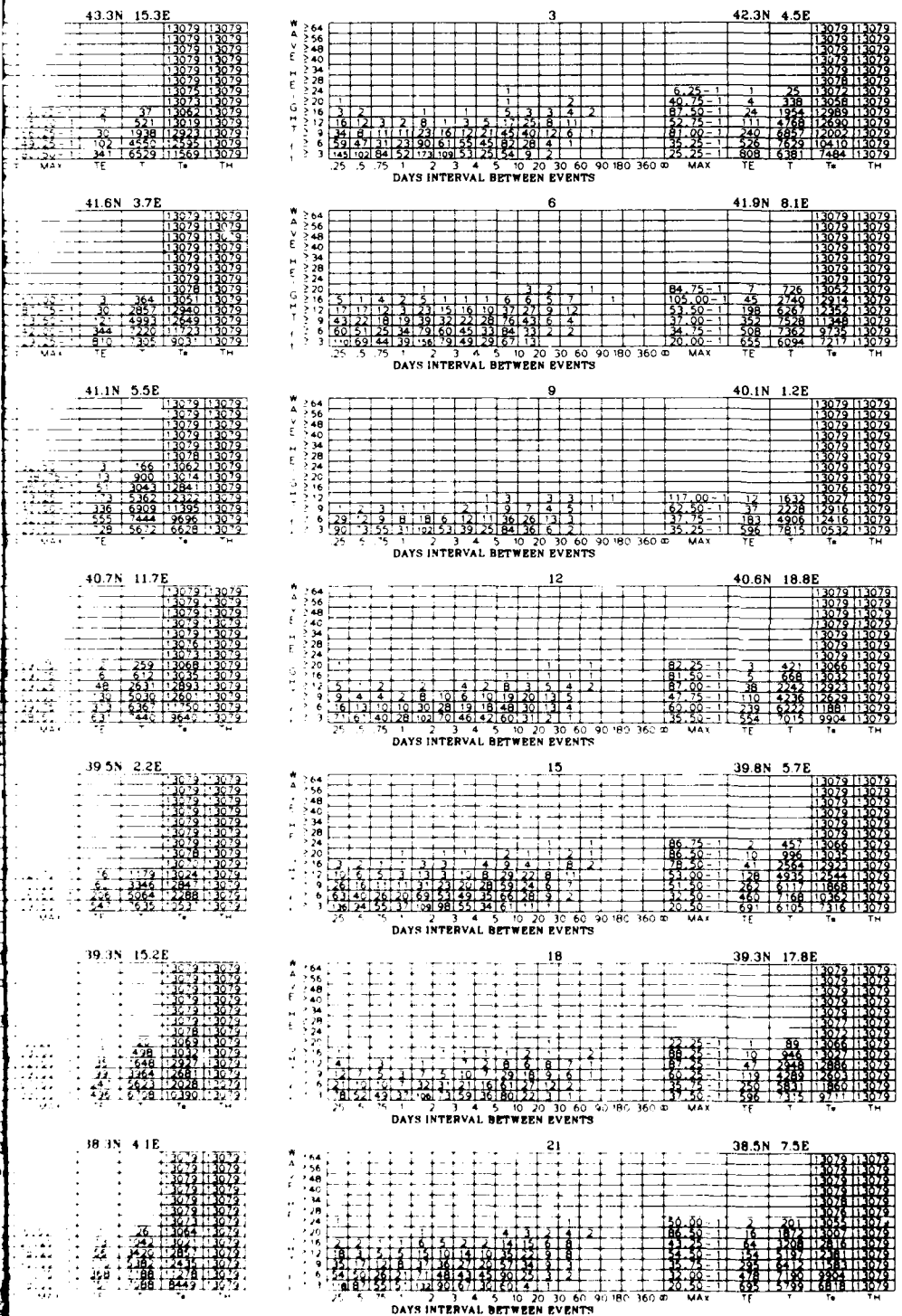

16
39.8N 7.4E
DAYS INTERVAL BETWEEN EVENTS


17
39.3N 15.2E
DAYS INTERVAL BETWEEN EVENTS

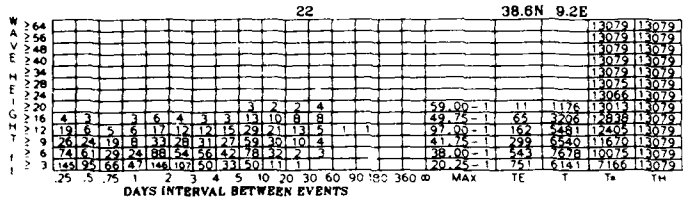

19
38.0N 0.7E
DAYS INTERVAL BETWEEN EVENTS

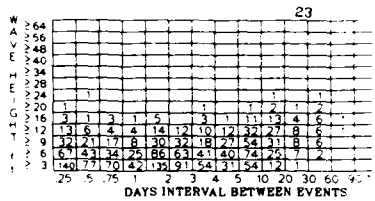

20
38.3N 4.1E
DAYS INTERVAL BETWEEN EVENTS

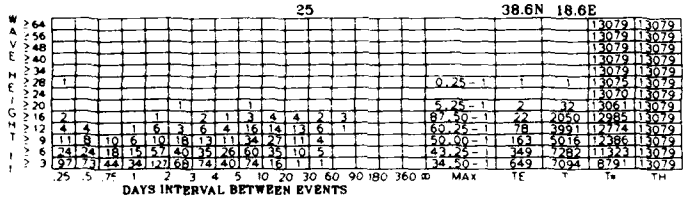
WAVE HEIGHT INTERVALS

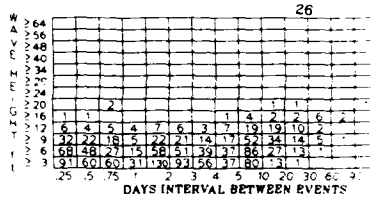


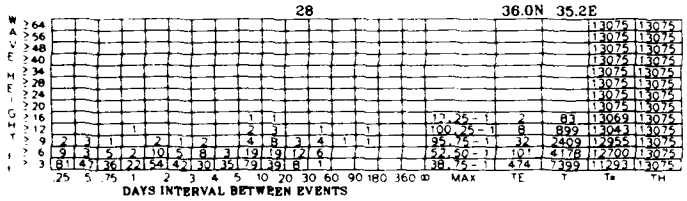
WAVE HEIGHT INTERVALS (Cont'd)

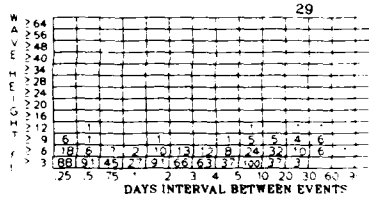


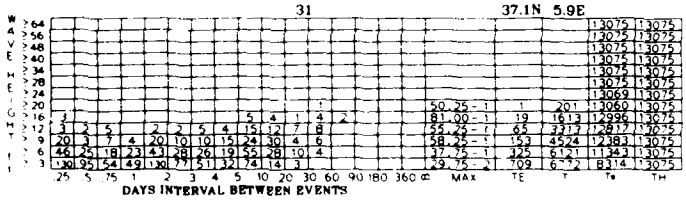


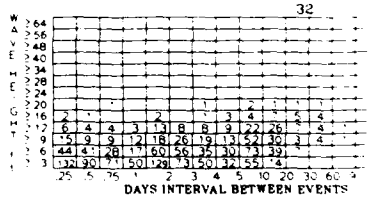


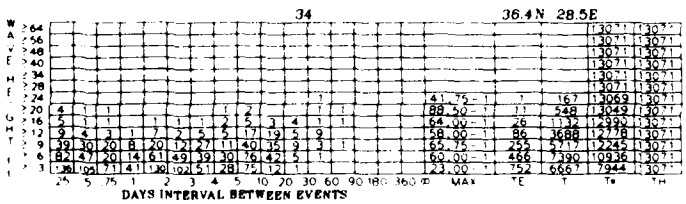


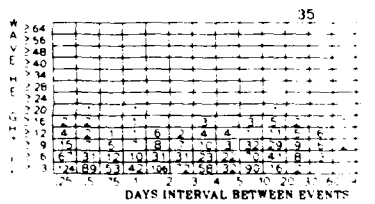


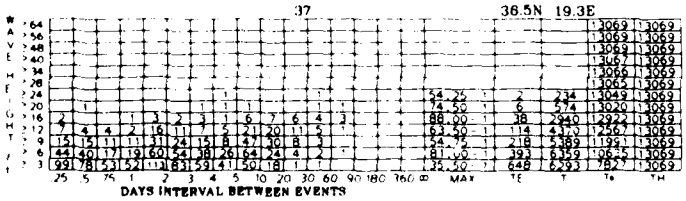


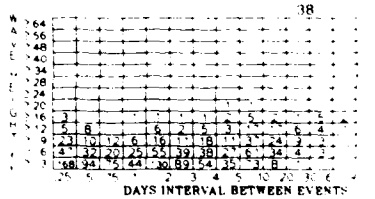


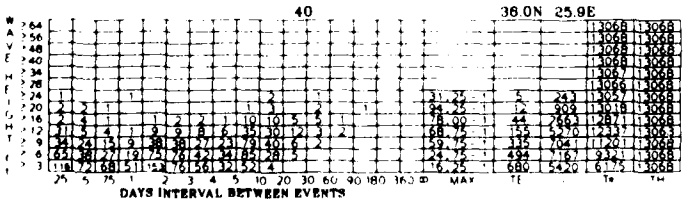


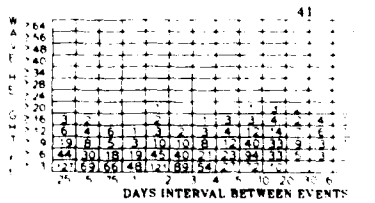


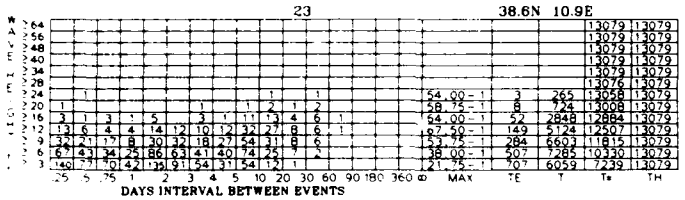


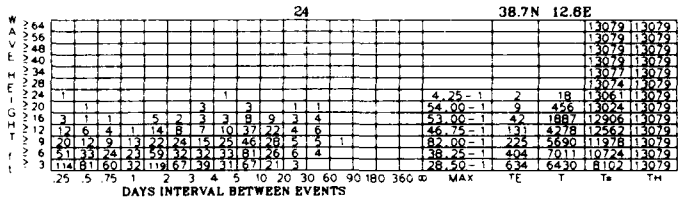


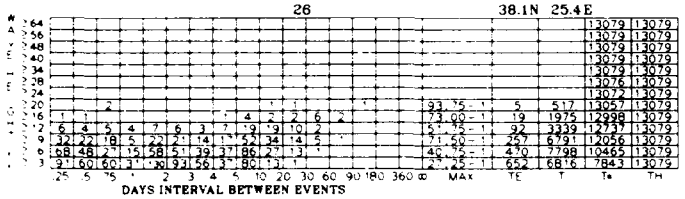


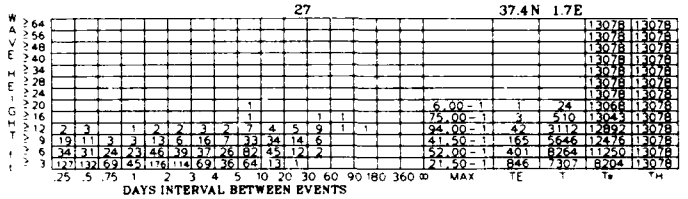


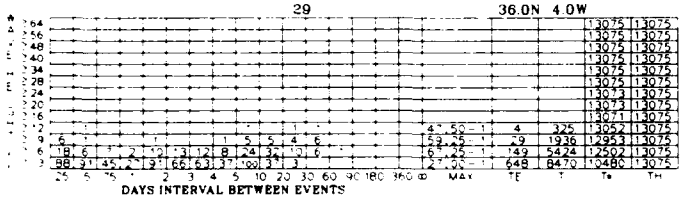


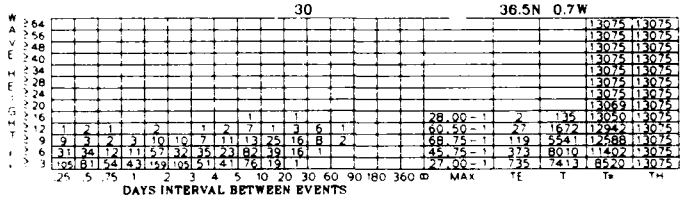

23
38.6N 10.9E
DAYS INTERVAL BETWEEN EVENTS

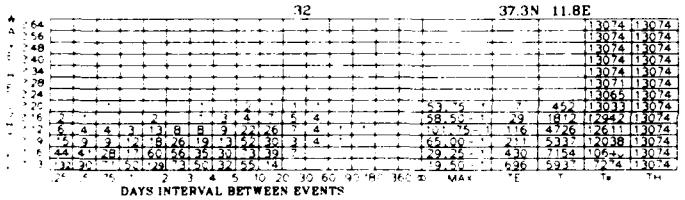

24
38.7N 12.6E
DAYS INTERVAL BETWEEN EVENTS

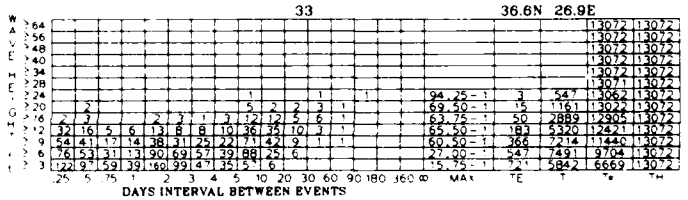

26
38.1N 25.4E
DAYS INTERVAL BETWEEN EVENTS

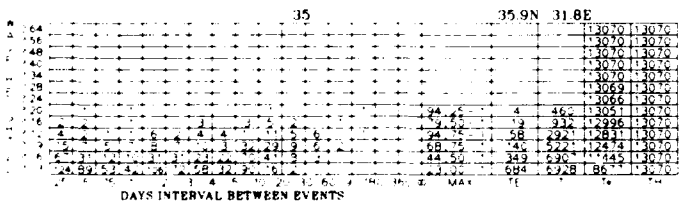

27
37.4N 1.7E
DAYS INTERVAL BETWEEN EVENTS

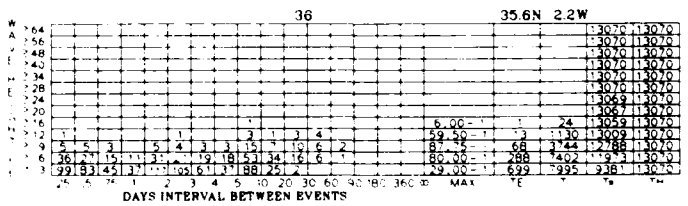

29
36.0N 4.0W
DAYS INTERVAL BETWEEN EVENTS

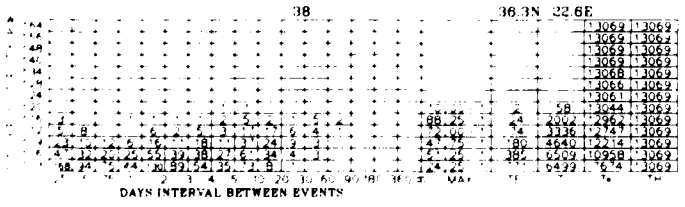

30
36.5N 0.7W
DAYS INTERVAL BETWEEN EVENTS

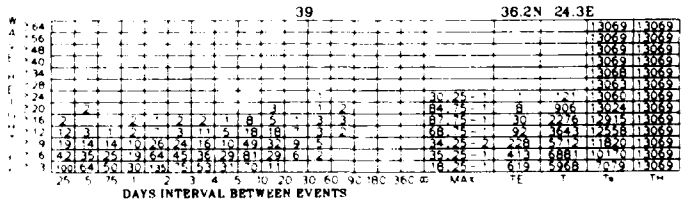

32
37.3N 11.8E
DAYS INTERVAL BETWEEN EVENTS

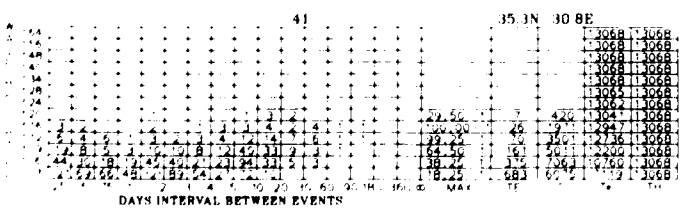

33
36.6N 26.9E
DAYS INTERVAL BETWEEN EVENTS

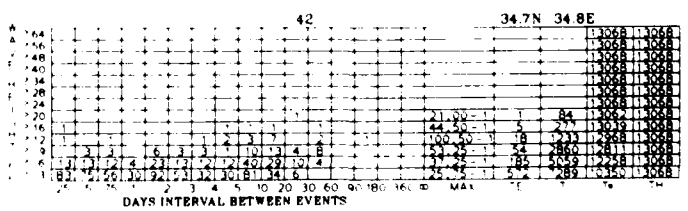

35
35.9N 31.8E
DAYS INTERVAL BETWEEN EVENTS


36
35.6N 2.2W
DAYS INTERVAL BETWEEN EVENTS

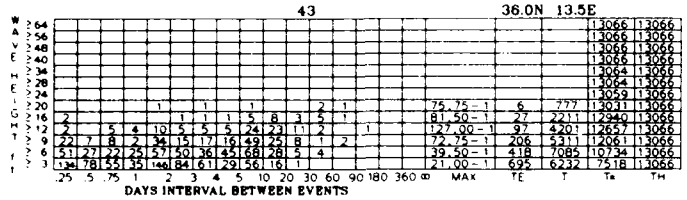

38
36.3N 22.6E
DAYS INTERVAL BETWEEN EVENTS

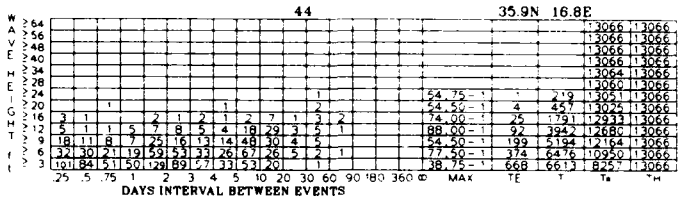

39
36.2N 24.3E
DAYS INTERVAL BETWEEN EVENTS

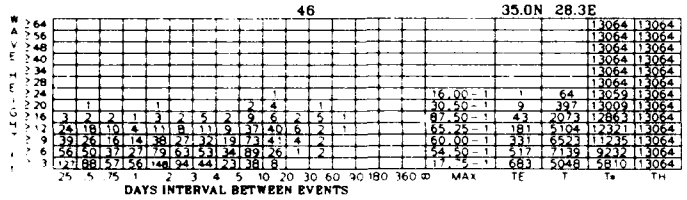

41
35.3N 30.8E
DAYS INTERVAL BETWEEN EVENTS

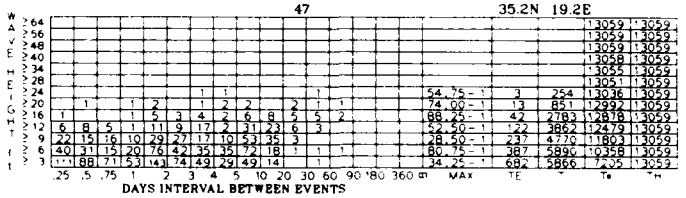

42
34.7N 34.8E
DAYS INTERVAL BETWEEN EVENTS

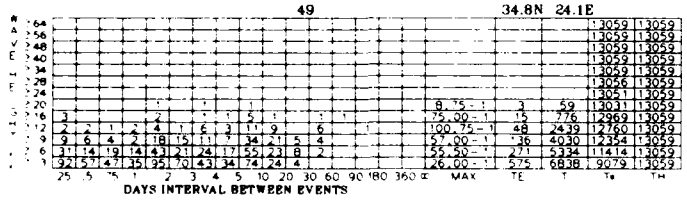
ANNUAL WAVE HEIG

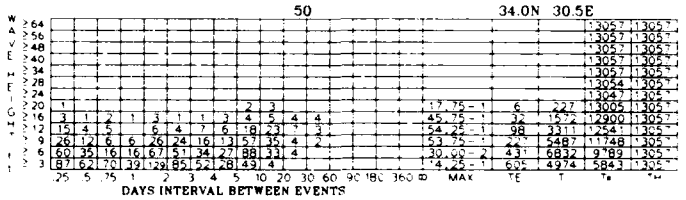


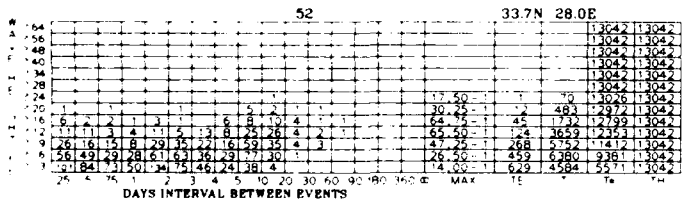


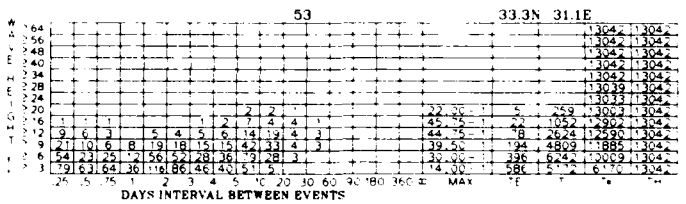


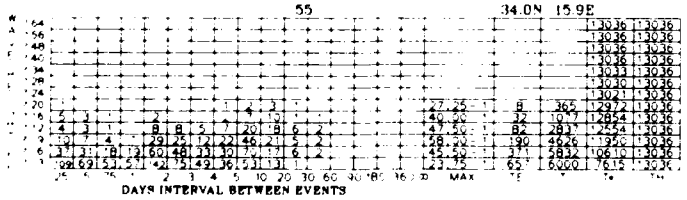


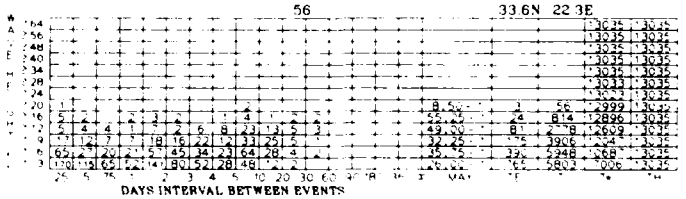


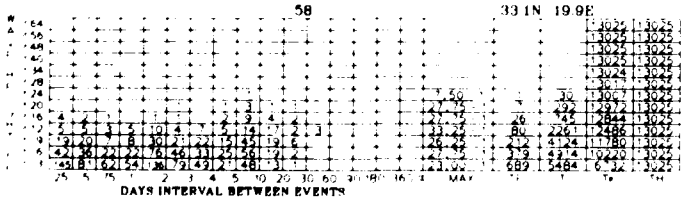


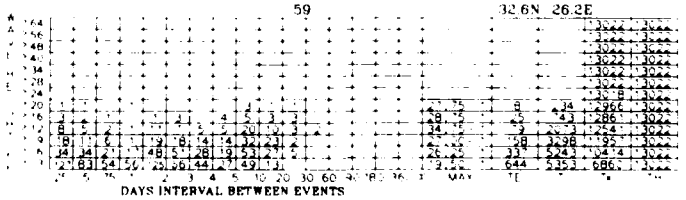


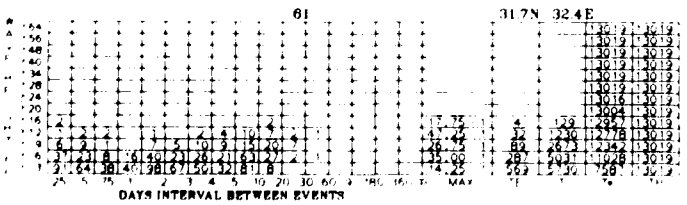


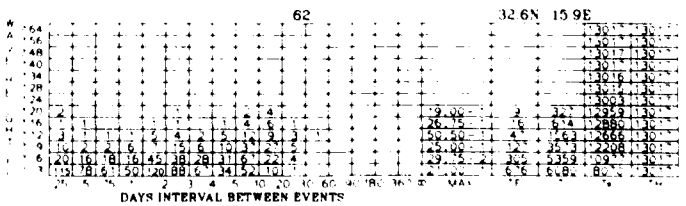






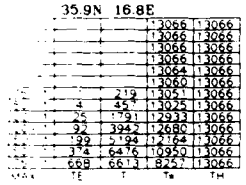




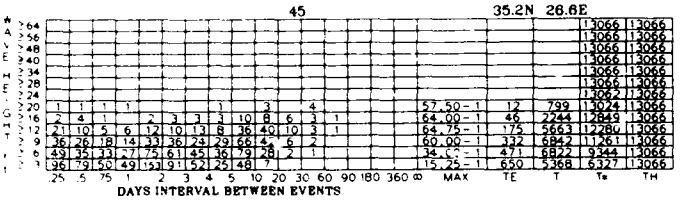


WAVE HEIGHT INTERVALS (Cont'd)

35.9N 16.8E

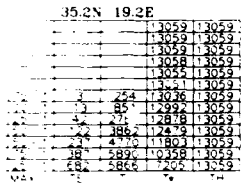


45



35.2N 26.6E

35.2N 19.2E



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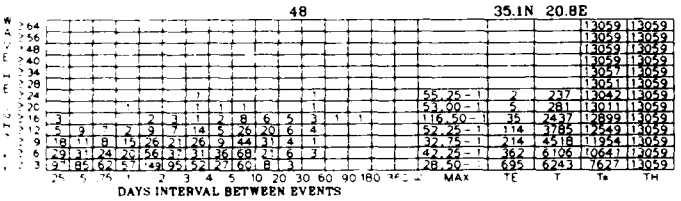
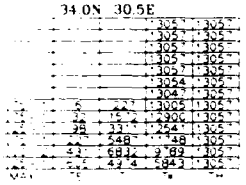
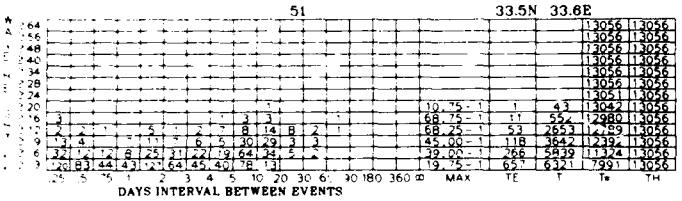


35.1N 20.8E

34.0N 30.5E

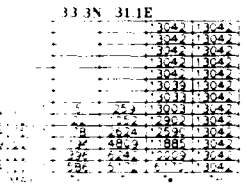


51

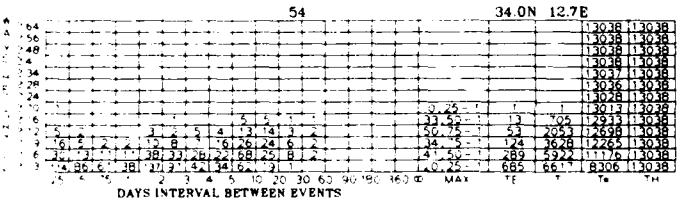


33.5N 33.6E

33.3N 31.1E

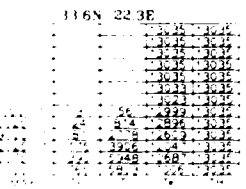


54

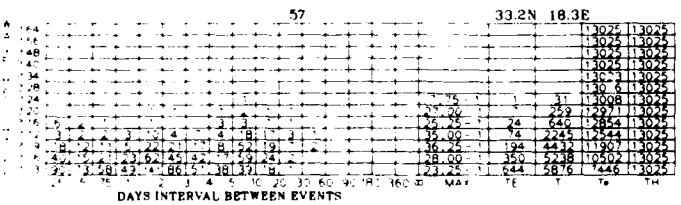


34.0N 12.7E

33.6N 22.3E

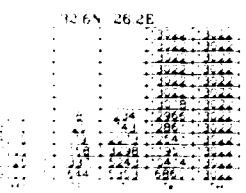


57

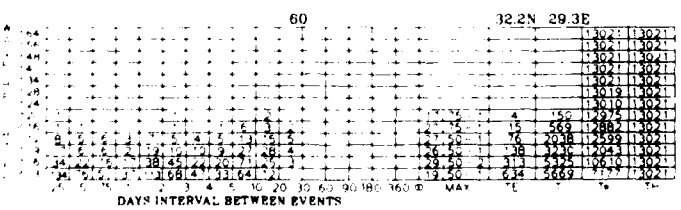


33.2N 18.3E

32.6N 26.2E

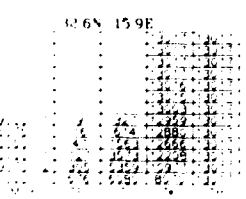


60

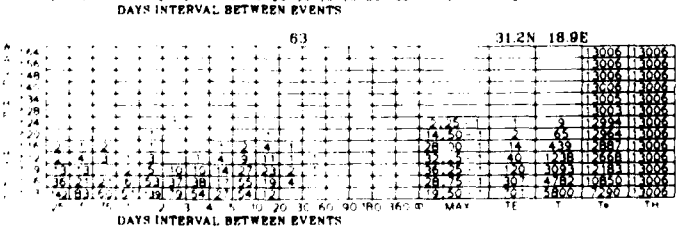


32.2N 29.3E

32.6N 15.9E

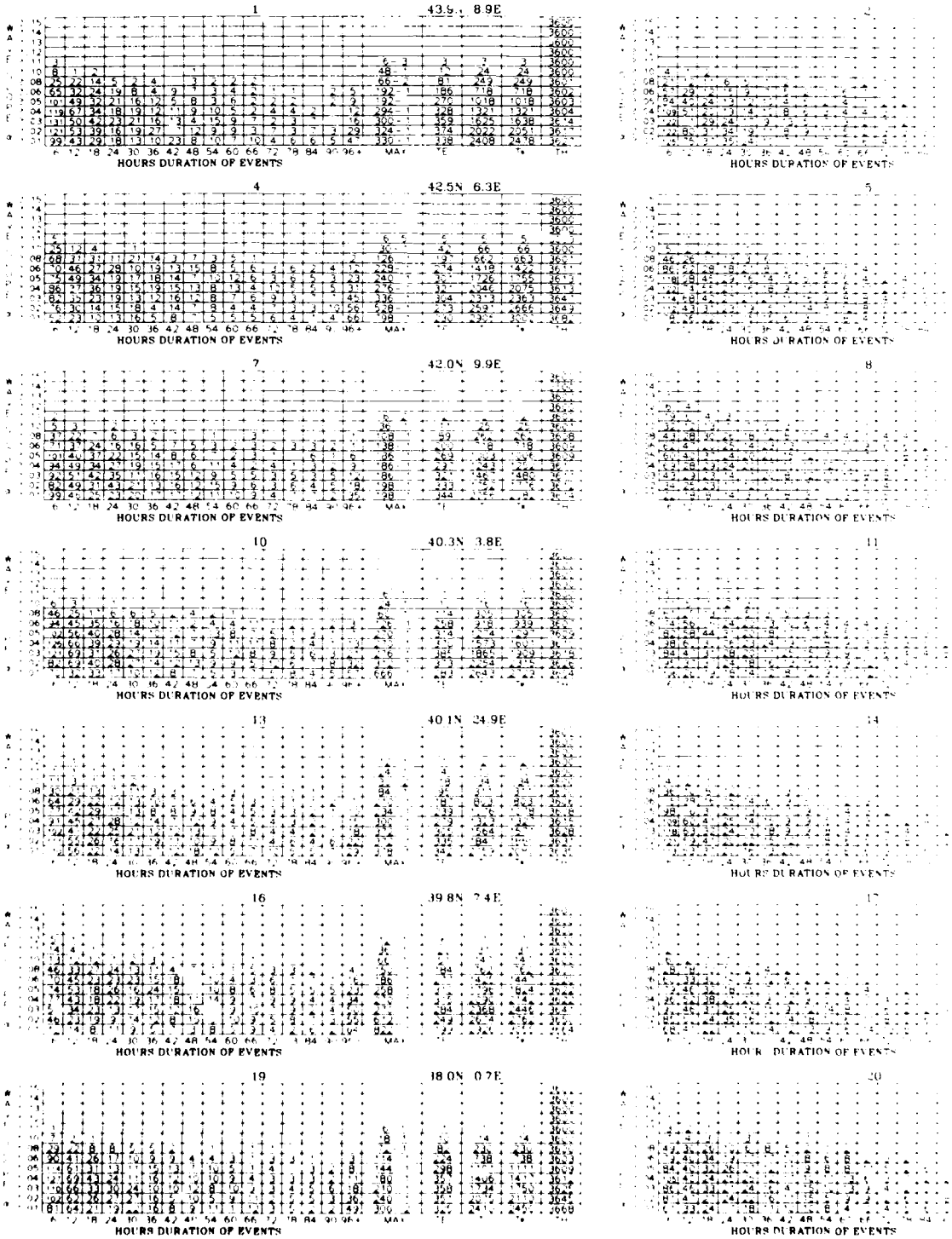


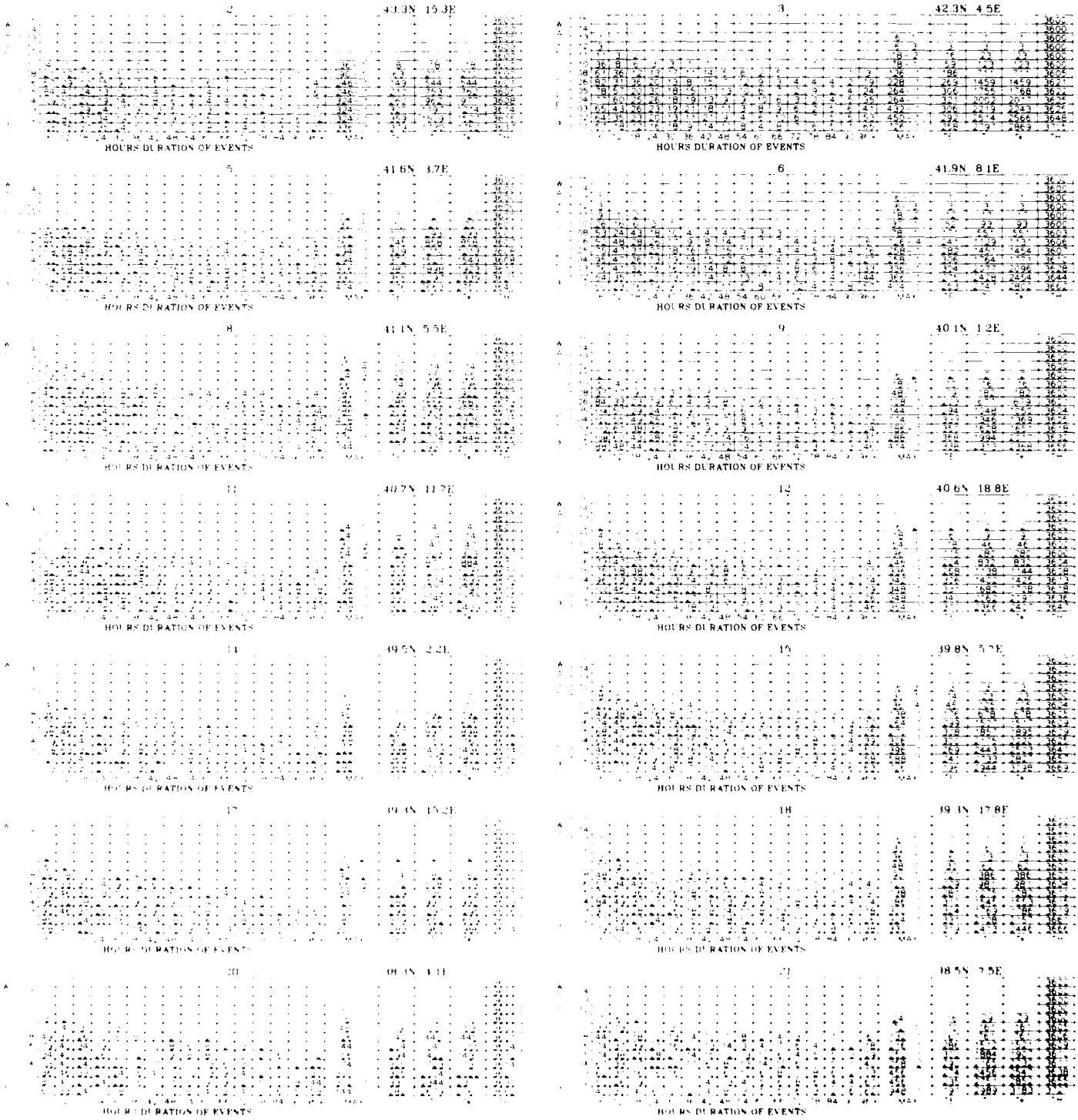
63



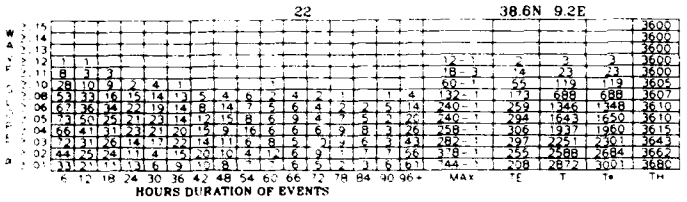
31.2N 18.9E

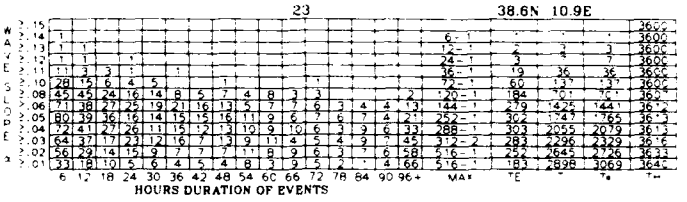
WAVE SLOPE (α) DURATIONS

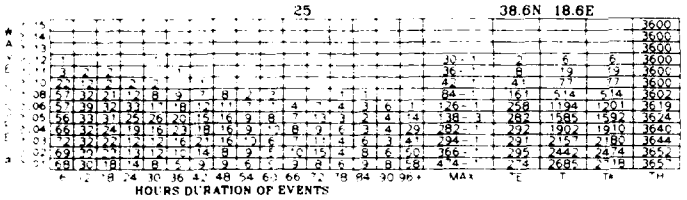


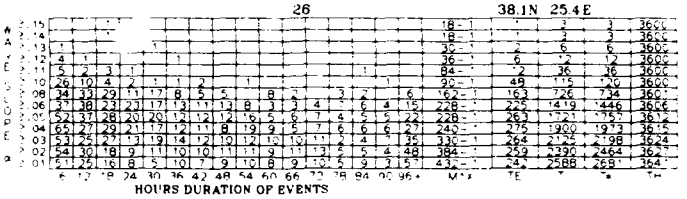

2 43.3N 15.3E
3 42.3N 4.5E
5 41.6N 3.7E
6 41.9N 8.1E
8 41.1N 5.5E
9 40.1N 1.2E
11 40.7N 11.7E
12 40.6N 18.8E
14 39.5N 2.2E
15 39.8N 5.7E
17 39.4N 15.2E
18 39.3N 17.8E
20 38.4N 1.1E
21 38.5N 7.5E
HOURS DURATION OF EVENTS

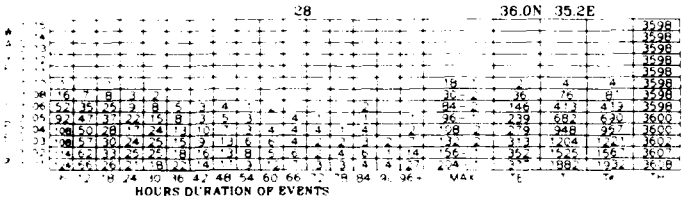
WINTER WAVE SLOPE

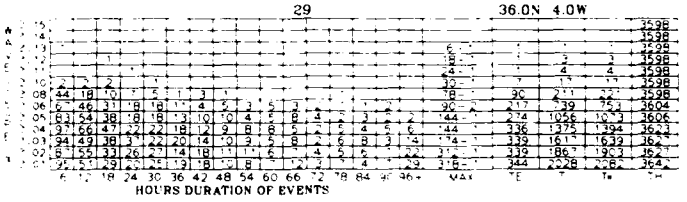


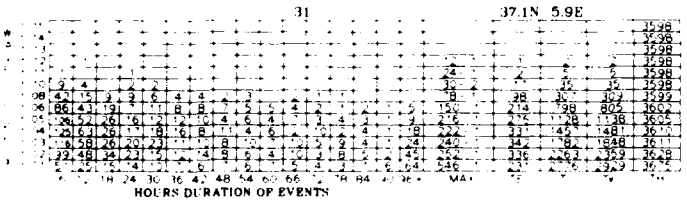


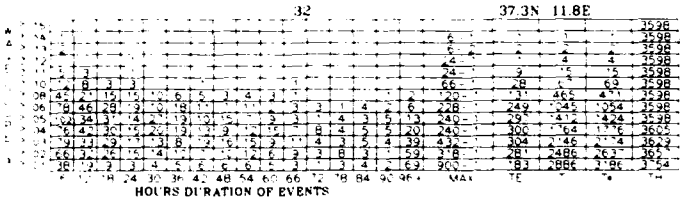


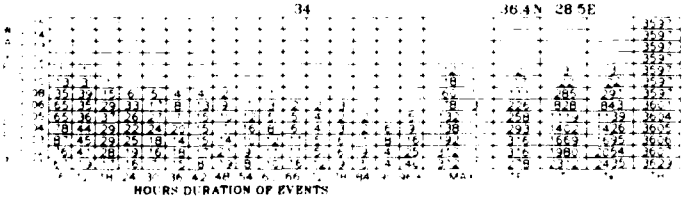


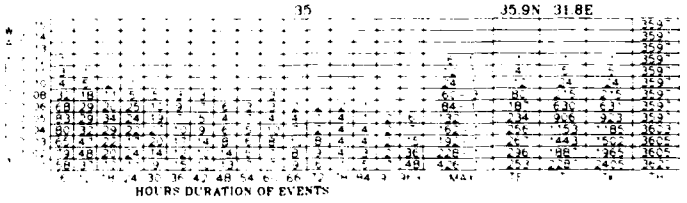


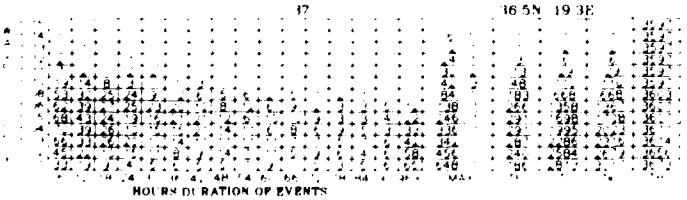


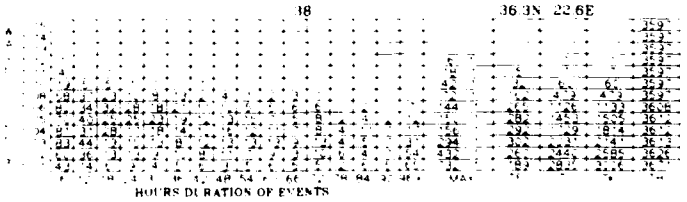


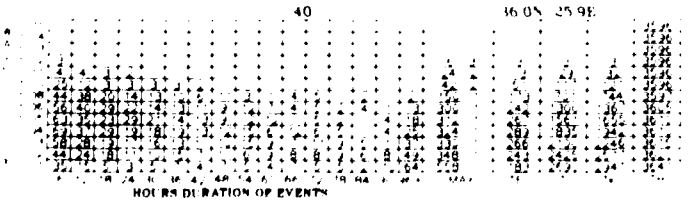


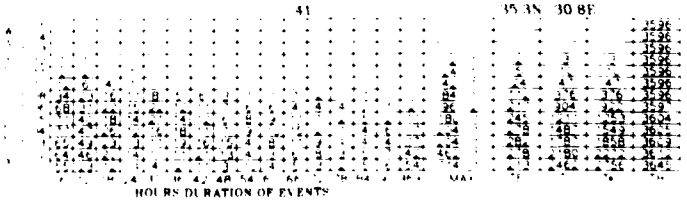










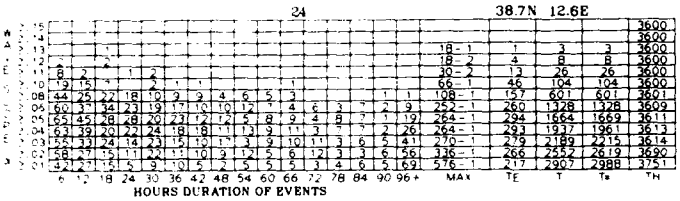


VE SLOPE (α) DURATIONS (Cont'd)

38.6N 10.9E

24

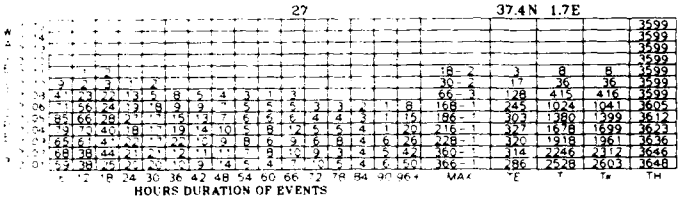
38.7N 12.6E



38.1N 35.4E

27

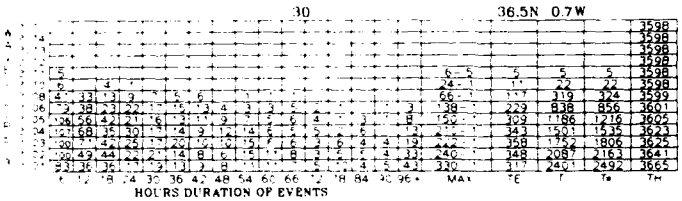
37.4N 1.7E



36.0N 4.0W

30

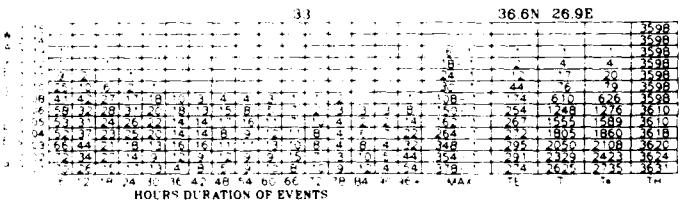
36.5N 0.7W



37.3N 11.8E

33

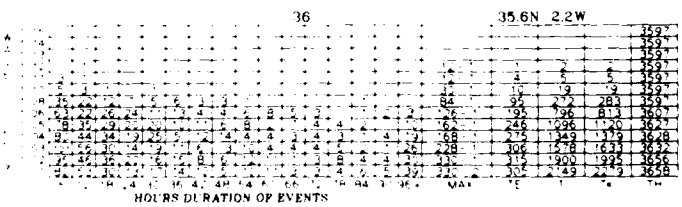
36.6N 26.9E



35.9N 31.8E

36

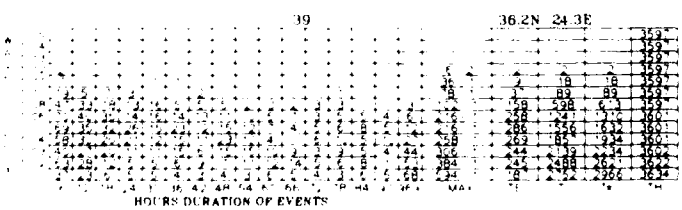
35.6N 2.2W



36.3N 22.6E

39

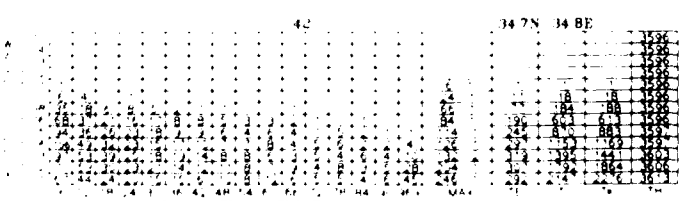
36.2N 24.3E



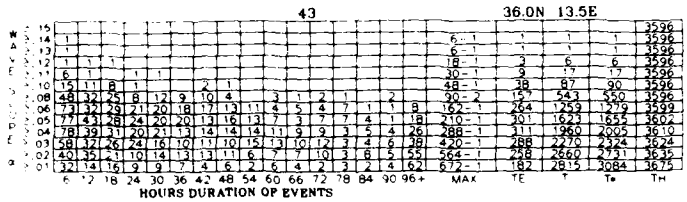
35.3N 30.8E

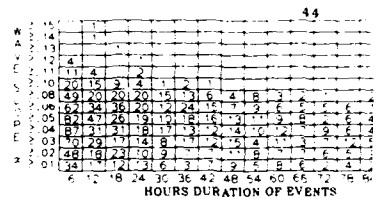
42

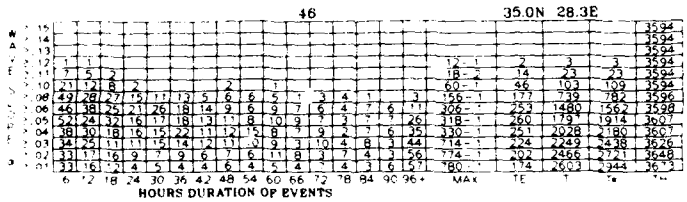
34.7N 34.8E

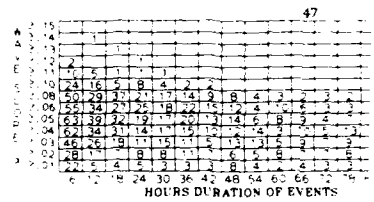


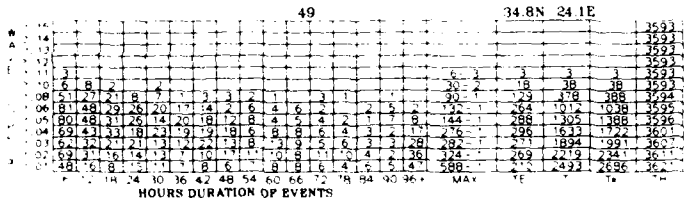
WAVE SLOPE (α) DURATIONS (Cont'd)

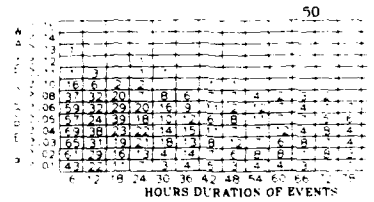


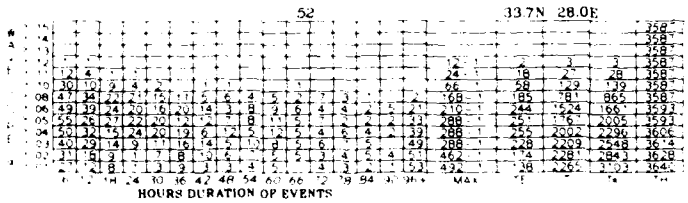


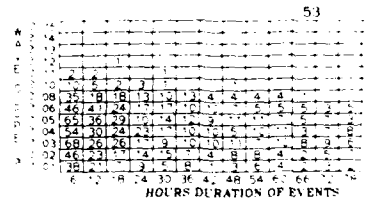


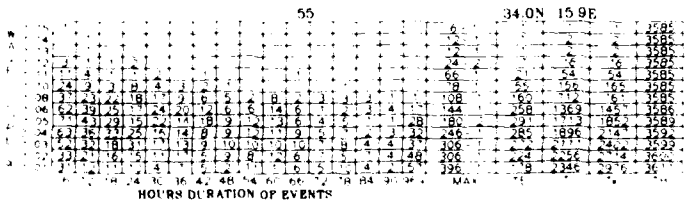


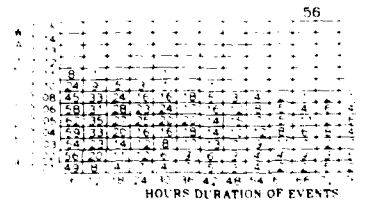


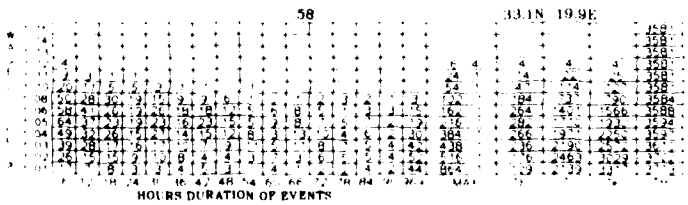


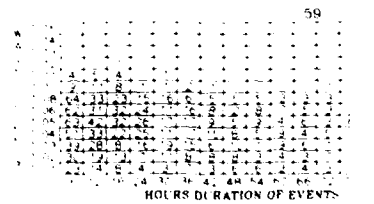


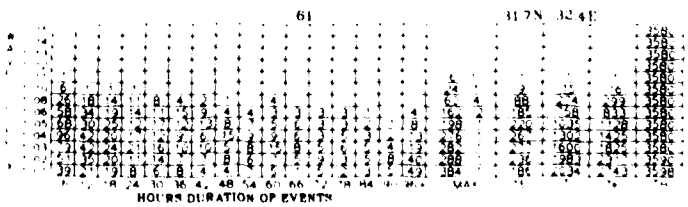


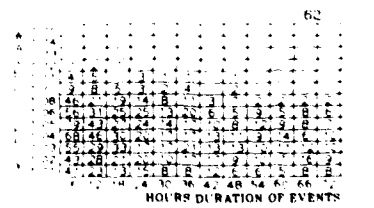




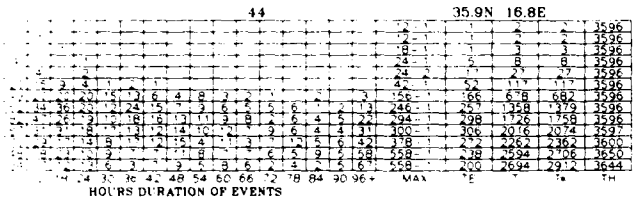




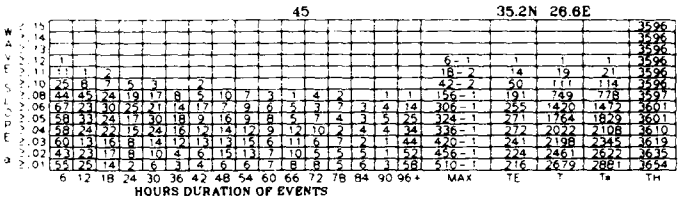




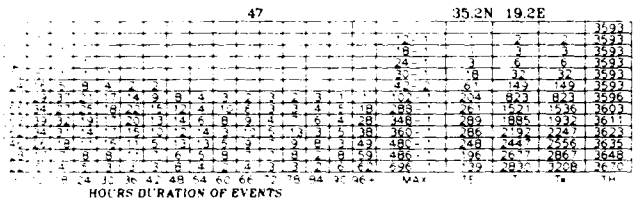
44 35.9N 16.8E



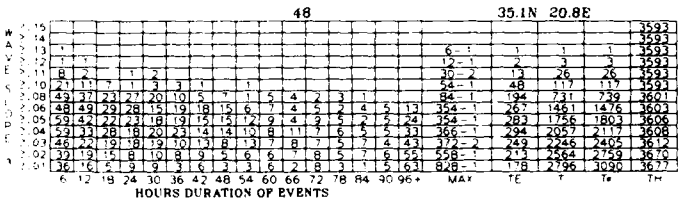
45 35.2N 26.6E



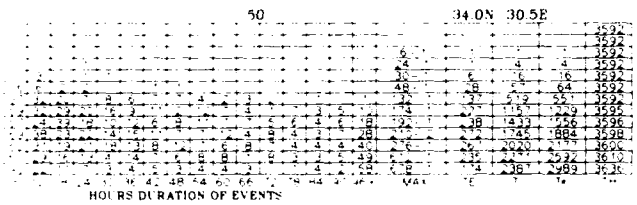
47 35.2N 19.2E



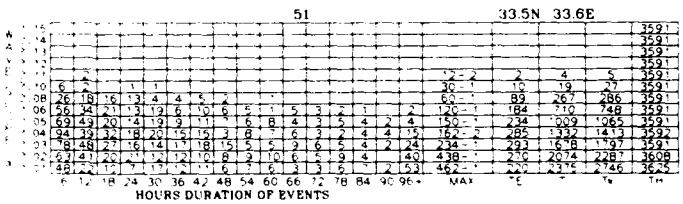
48 35.1N 20.8E



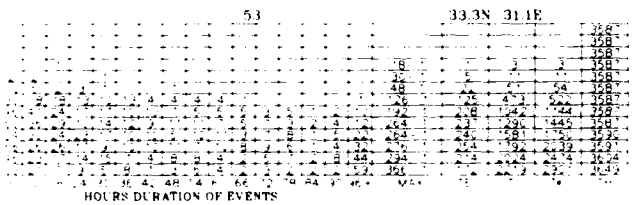
50 34.0N 30.5E



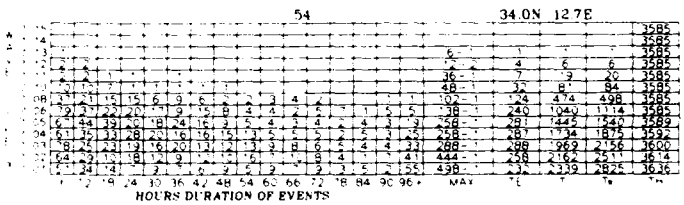
51 33.5N 33.6E



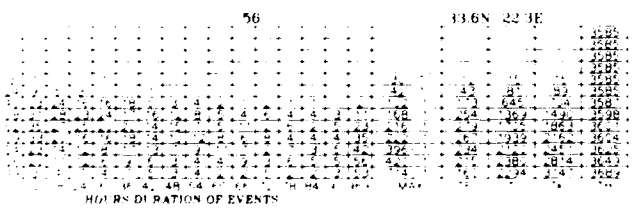
53 33.3N 31.1E



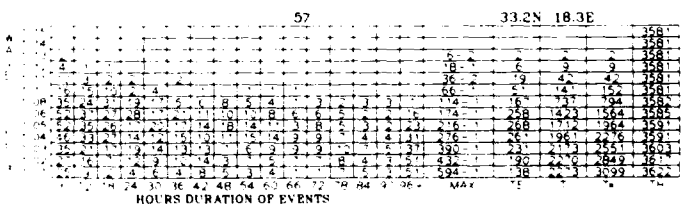
54 34.0N 12.7E



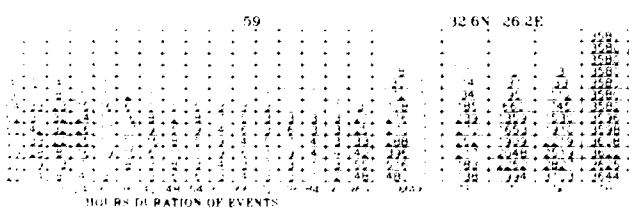
56 33.6N 22.3E



57 33.2N 18.3E



59 32.6N 26.2E



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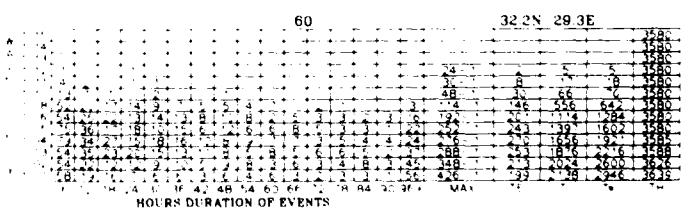

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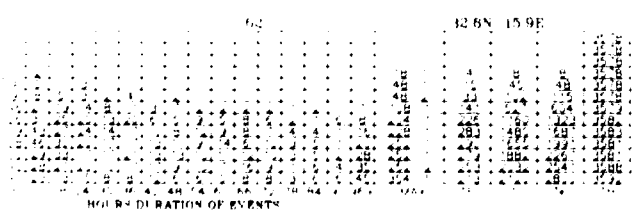

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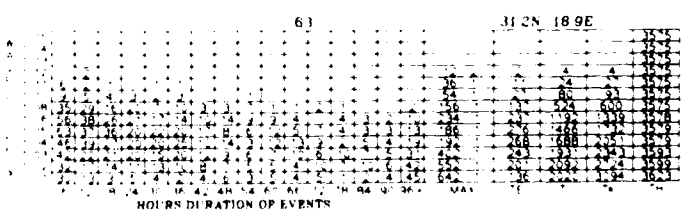

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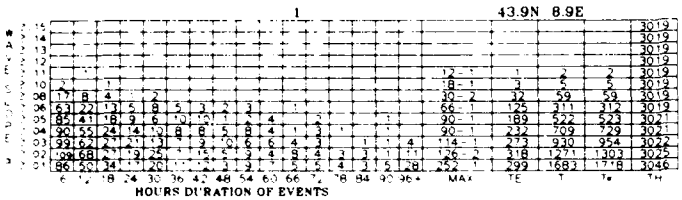

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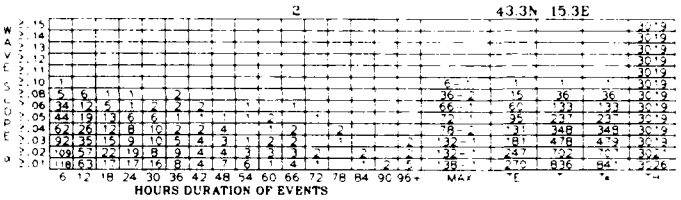
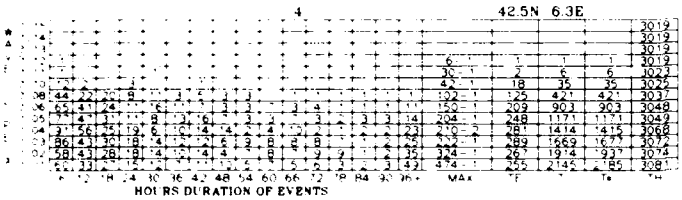


4 42.5N 6.3E



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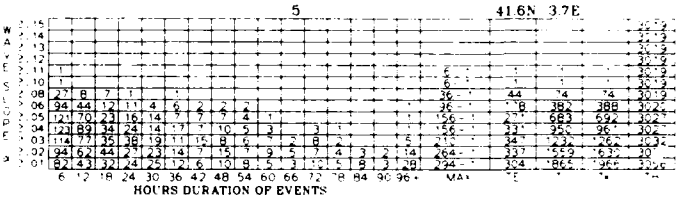
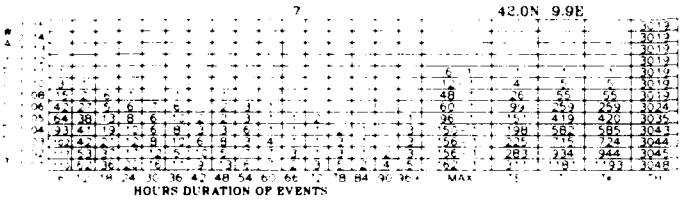
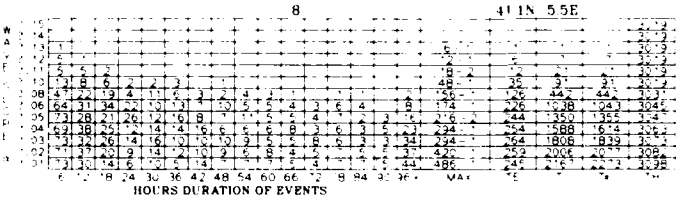


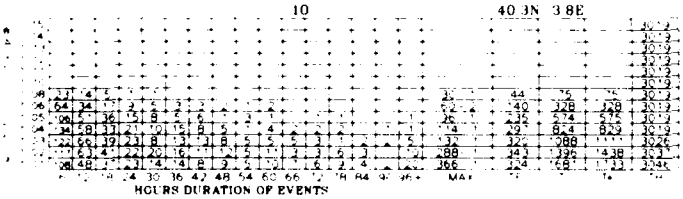
7 42.0N 9.9E



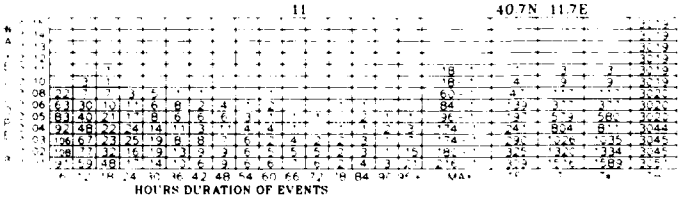
8 41.1N 5.5E



10 40.3N 3.8E



11 40.7N 11.7E



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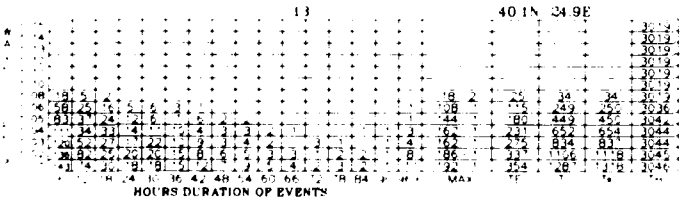
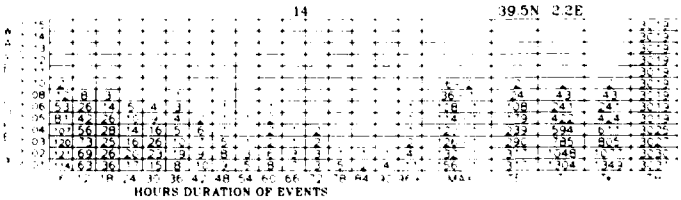


14 39.5N 2.2E



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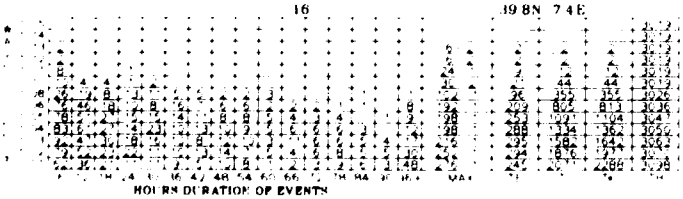

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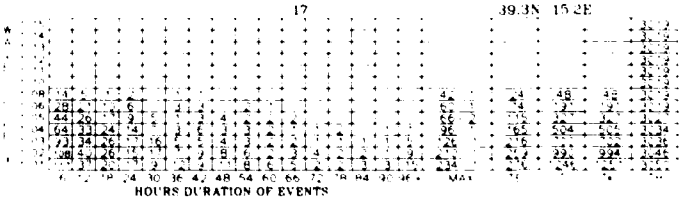

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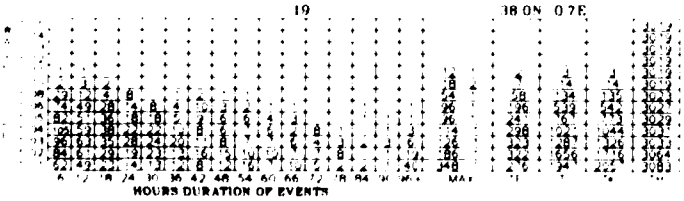

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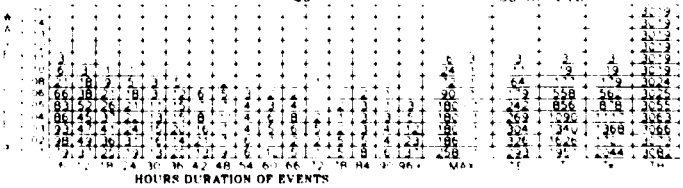
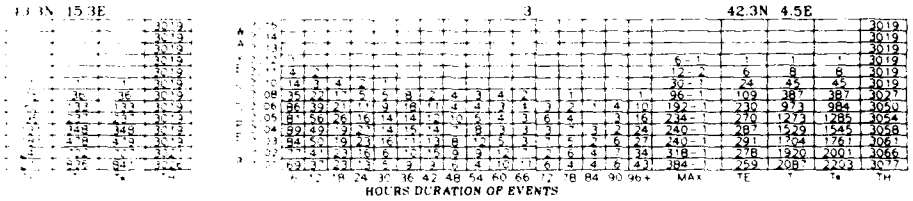
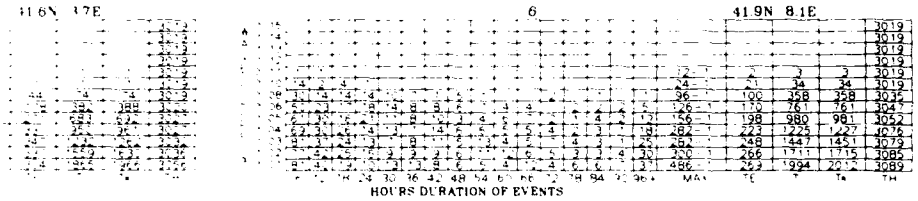
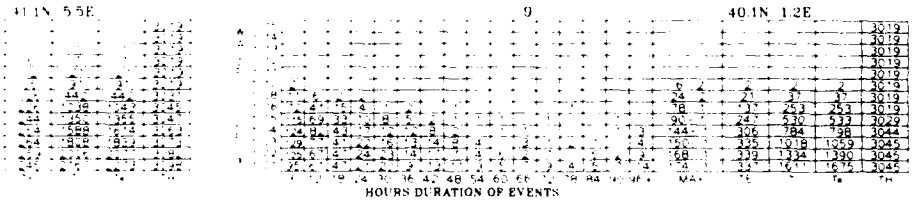
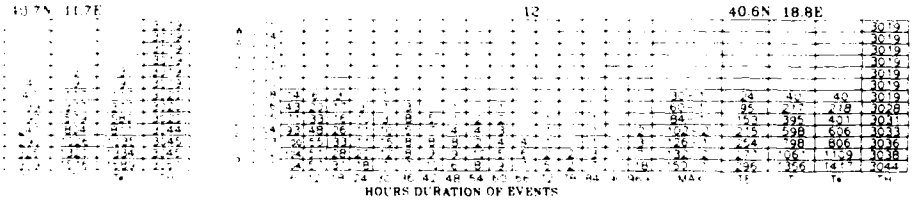


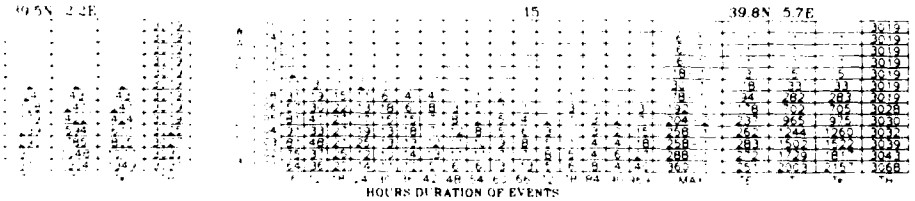
WAVE SLOPE (α) DURATIONS

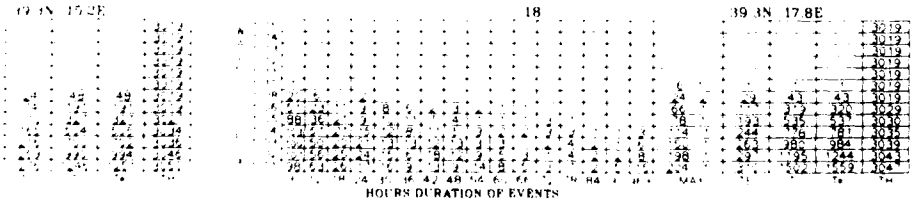


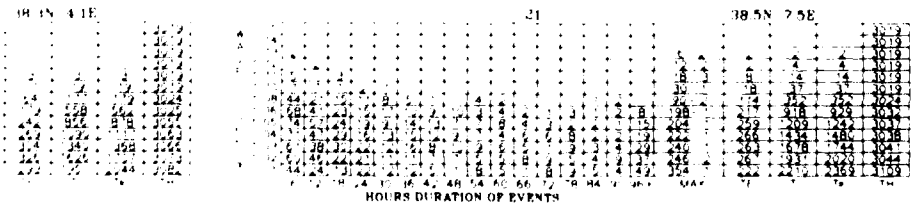




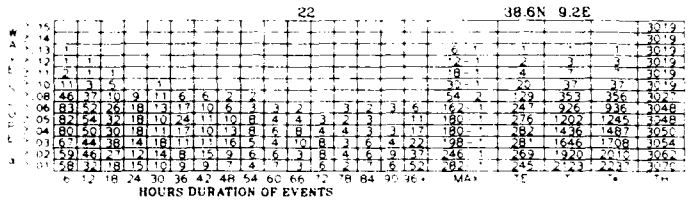


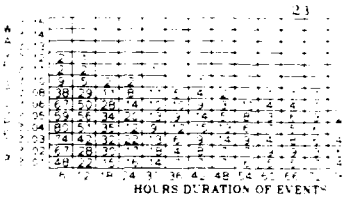


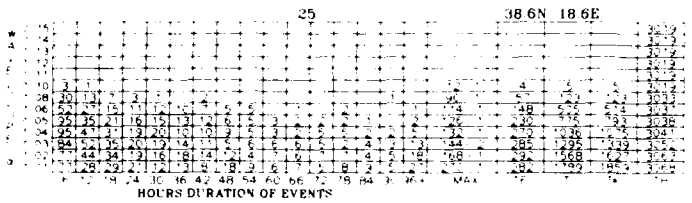


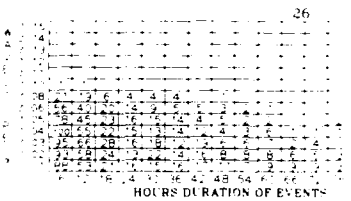


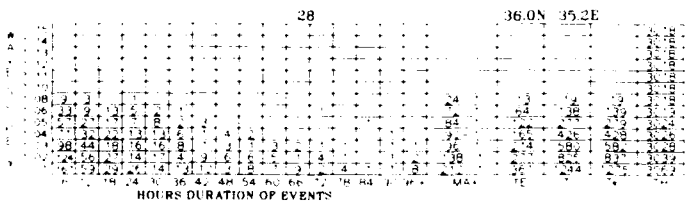
WAVE SLOPE (α) DURATIONS (Cont'd)

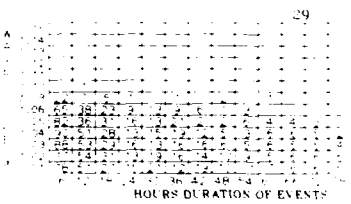


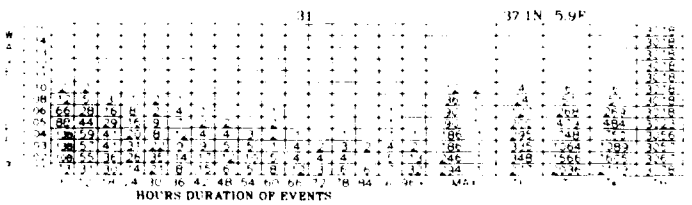


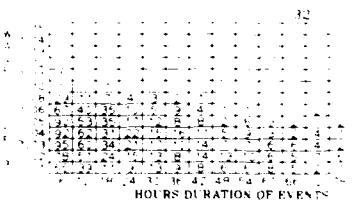


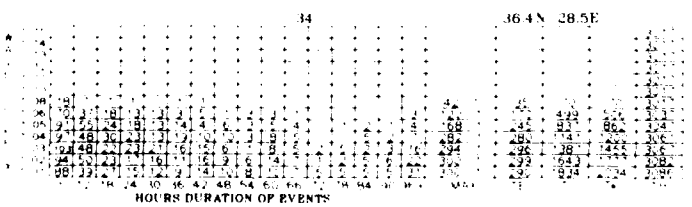


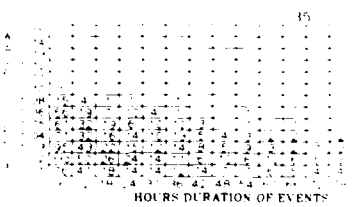


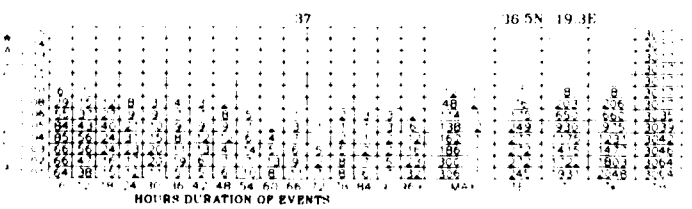


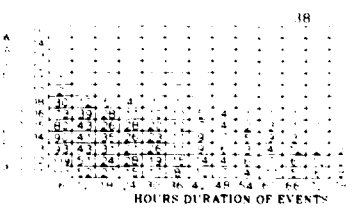


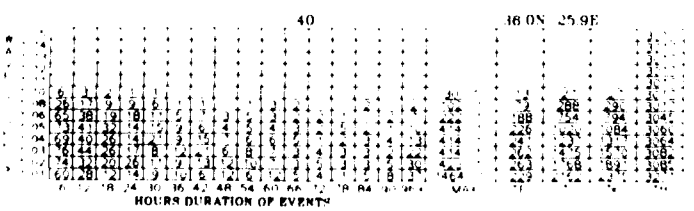


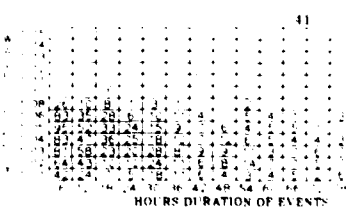




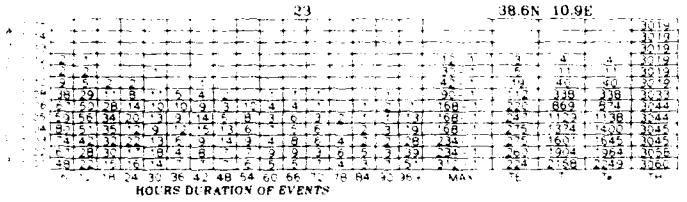




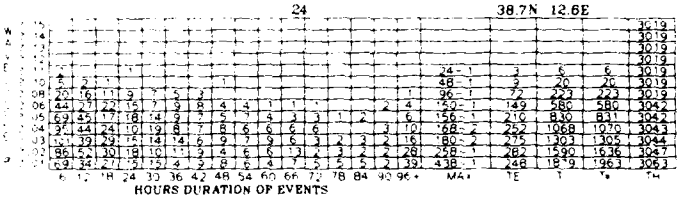




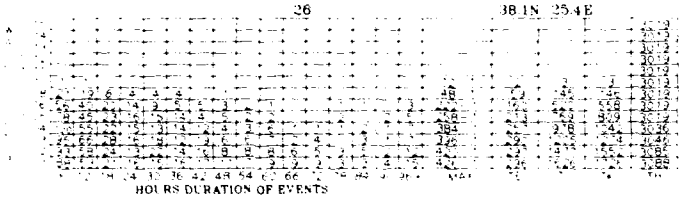
23 38.6N 10.9E



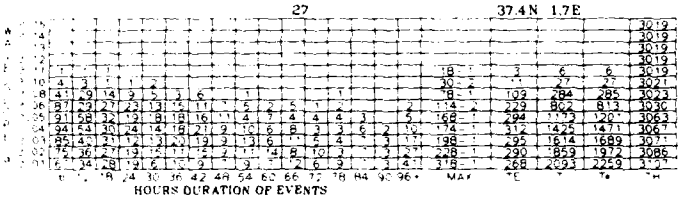
24 38.7N 12.6E



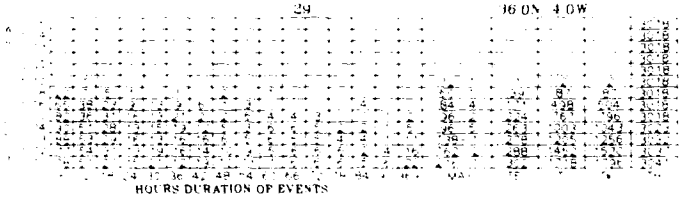
26 38.1N 25.4E



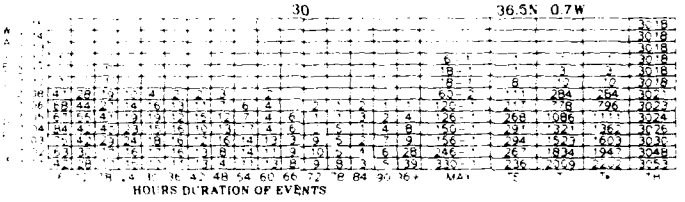
27 37.4N 1.7E



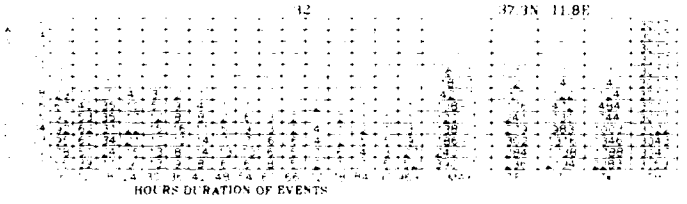
29 36.0N 4.0W



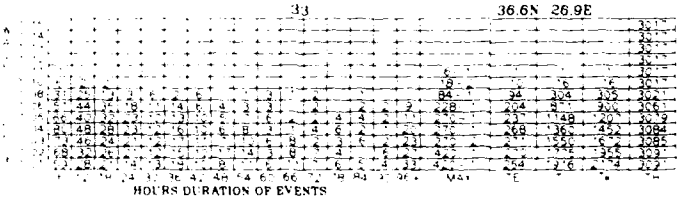
30 36.5N 0.7W



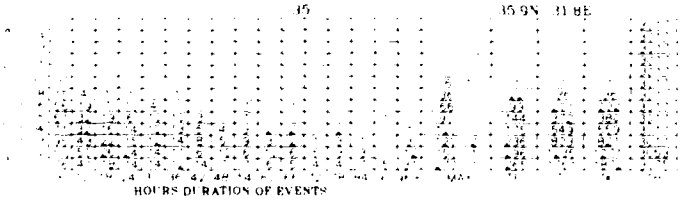
32 37.3N 11.8E



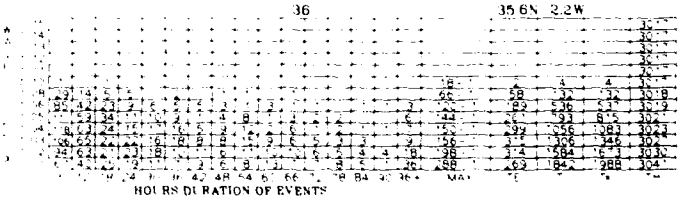
33 36.6N 26.9E



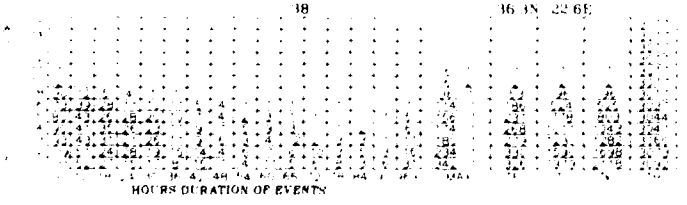
35 35.9N 31.8E



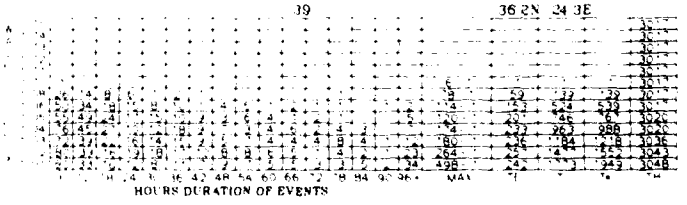
36 35.6N 2.2W



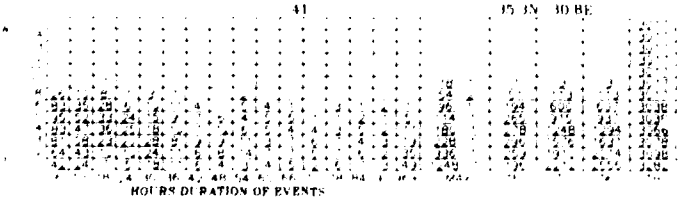
38 36.3N 22.6E



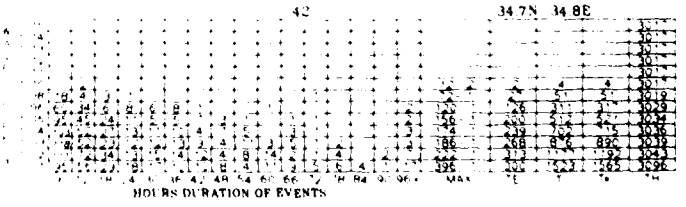
39 36.2N 24.3E



41 35.3N 30.8E

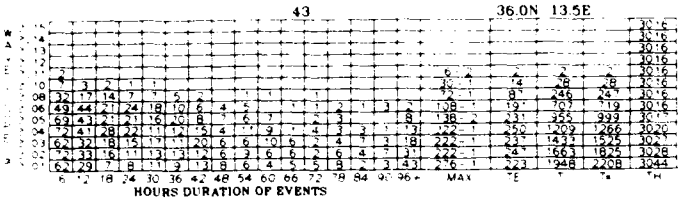


42 34.7N 34.8E

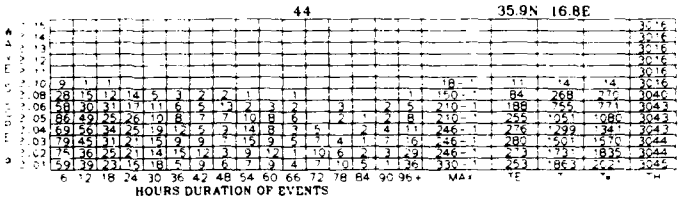


SPRING WAVE SLOPE (a)

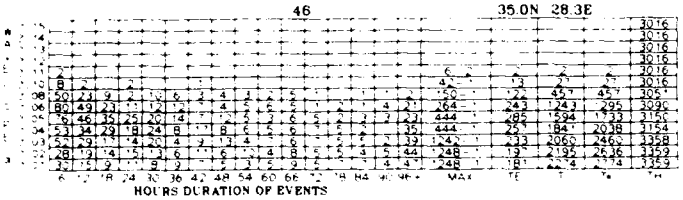
43 36.0N 13.5E



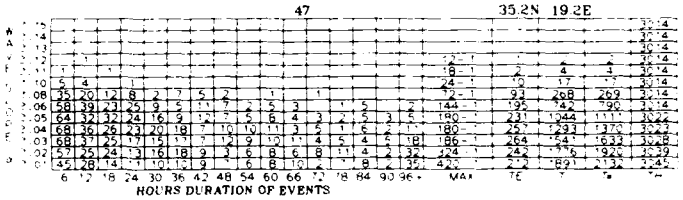
44 35.9N 16.8E



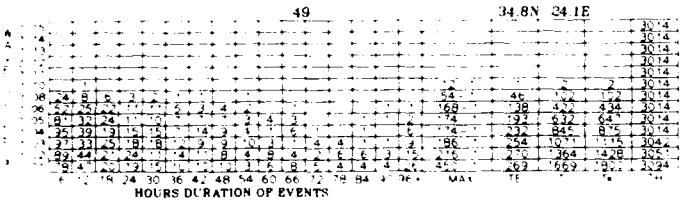
46 35.0N 28.3E



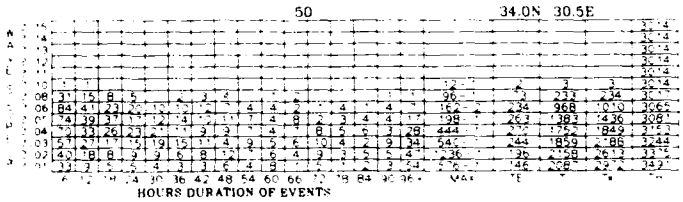
47 35.2N 19.2E



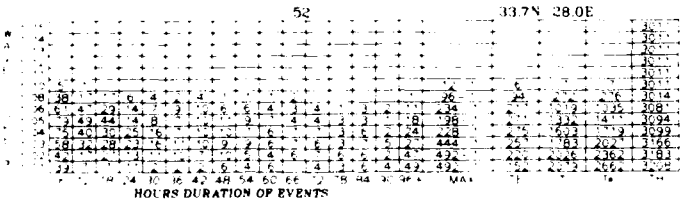
49 34.8N 24.1E



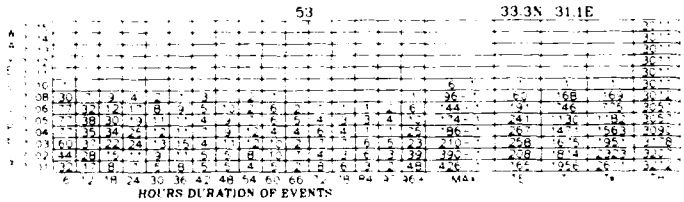
50 34.0N 30.5E



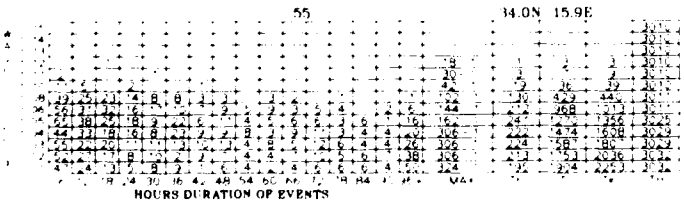
52 33.7N 28.0E



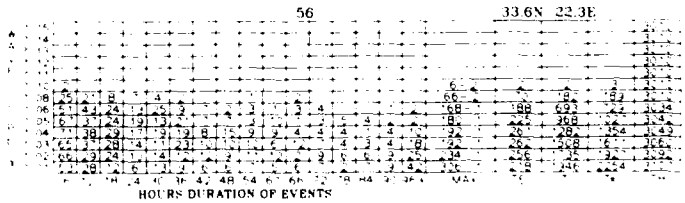
53 33.3N 31.1E



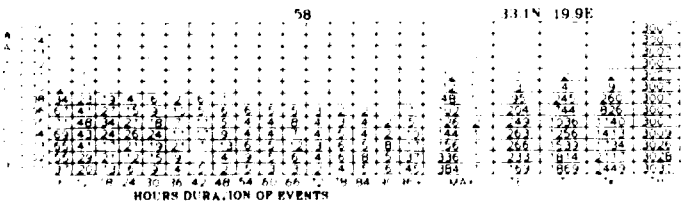
55 34.0N 15.9E



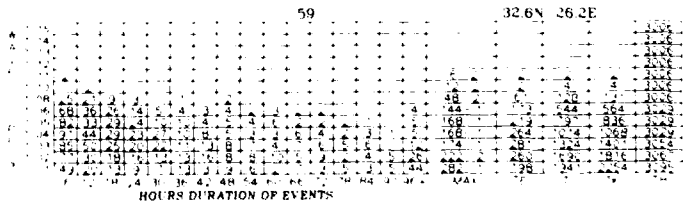
56 33.6N 22.3E



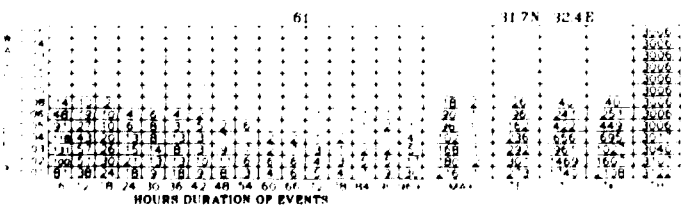
58 33.1N 19.9E



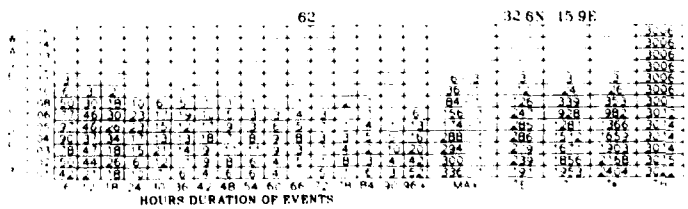
59 32.6N 26.2E



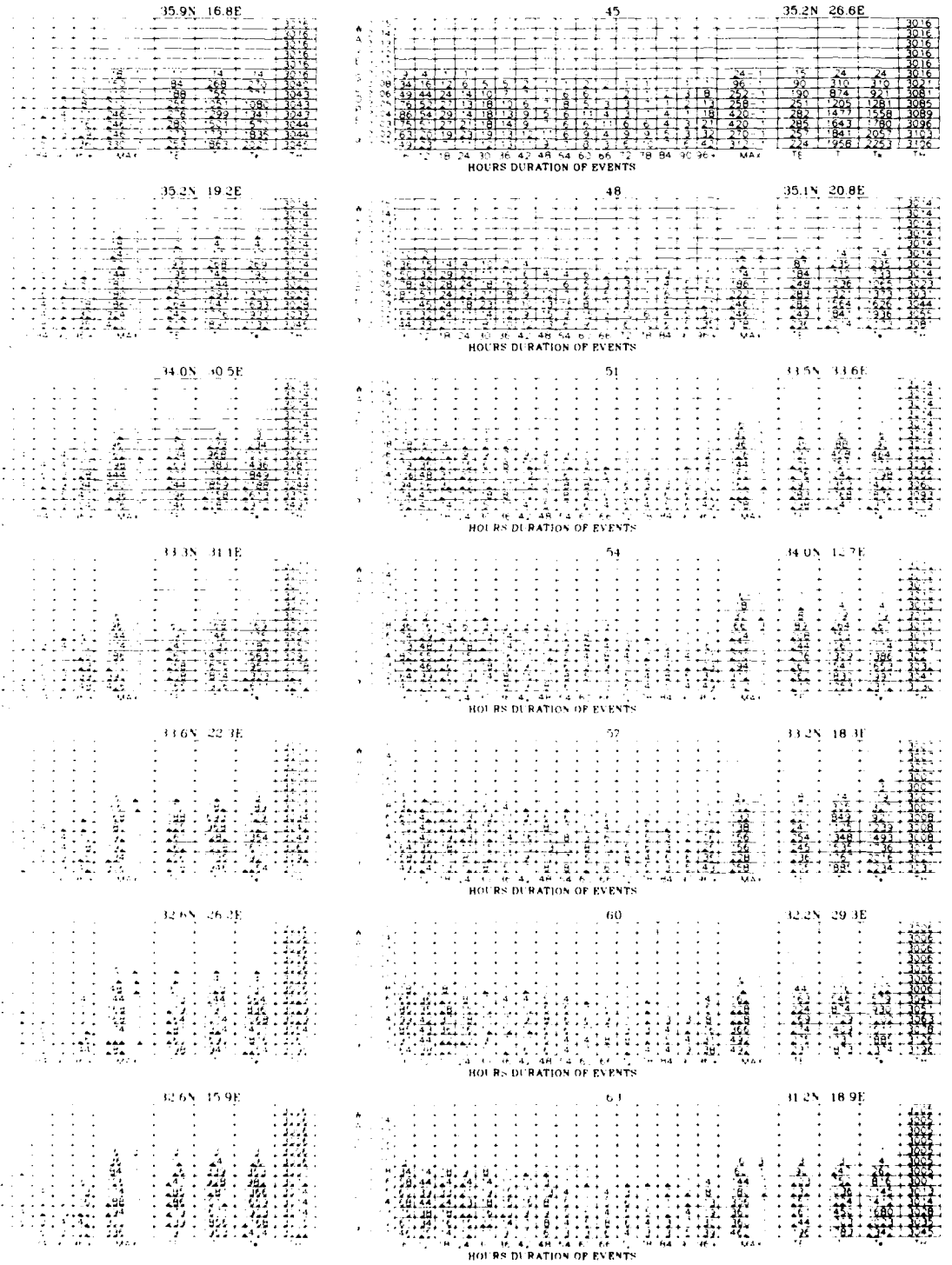
61 31.7N 32.4E



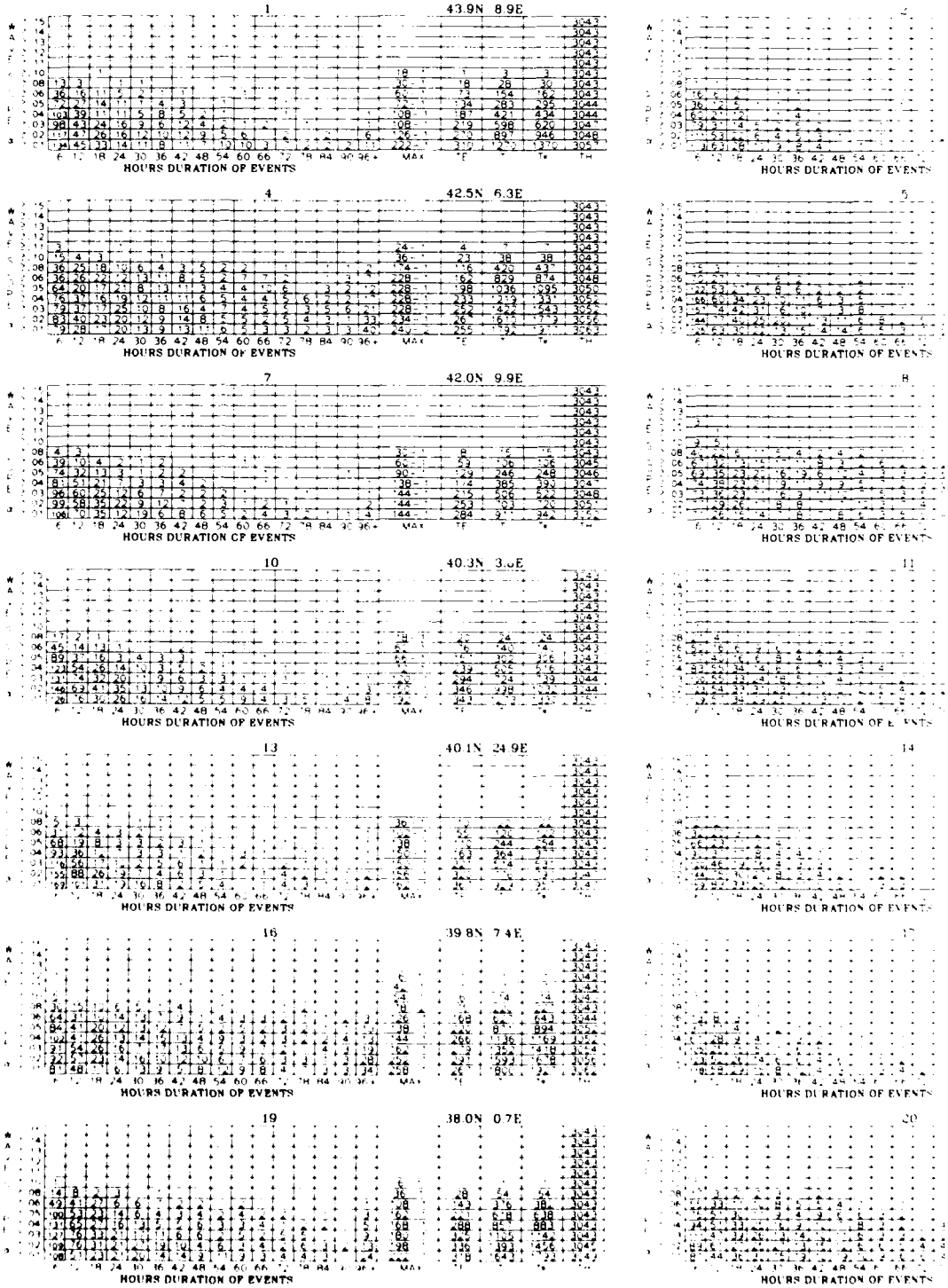
62 32.6N 15.9E

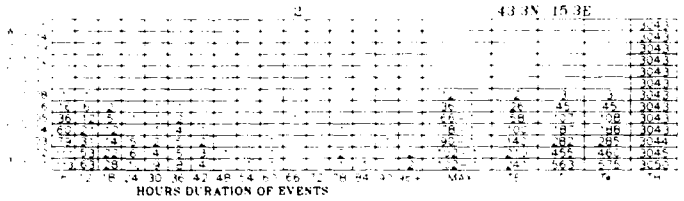


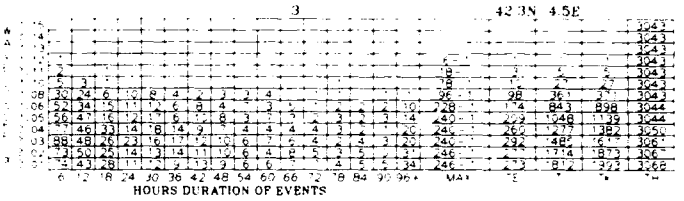
WAVE SLOPE (α) DURATIONS (Cont'd)

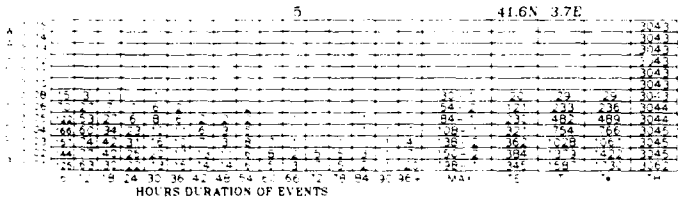


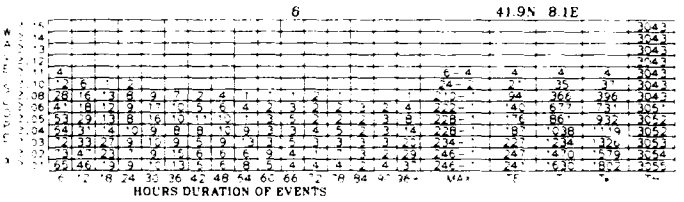
WAVE SLOPE (α) DURATIONS

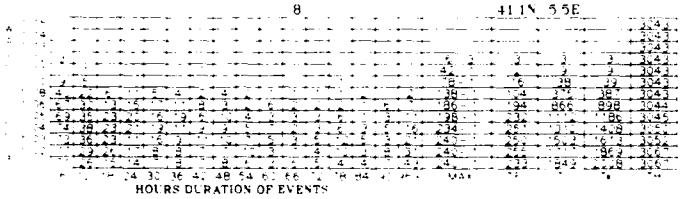


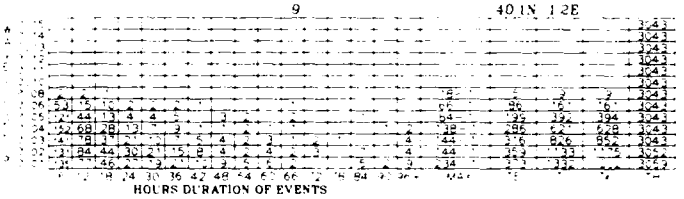

2
43.3N 15.3E
HOURS DURATION OF EVENTS

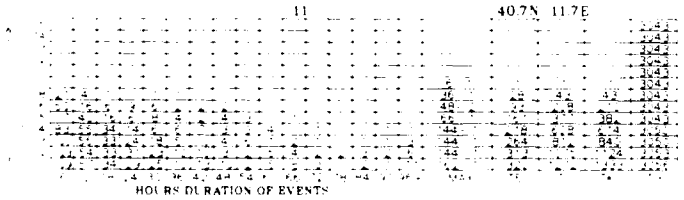

3
42.3N 4.5E
HOURS DURATION OF EVENTS

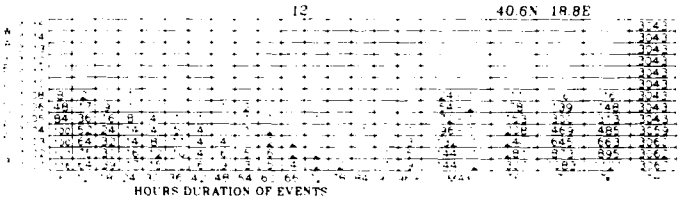

5
41.6N 3.7E
HOURS DURATION OF EVENTS

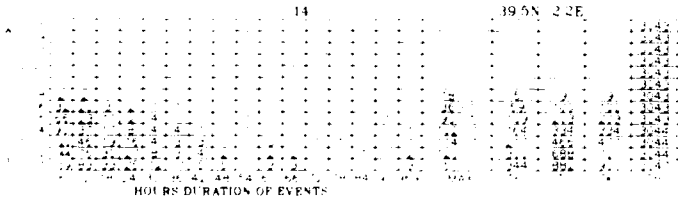

6
41.9N 8.1E
HOURS DURATION OF EVENTS

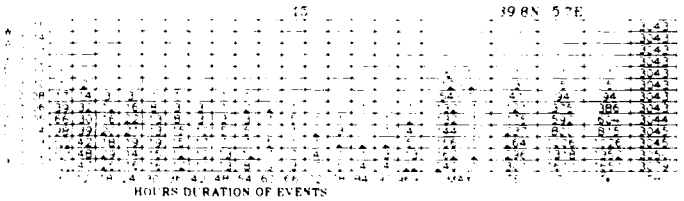

8
41.1N 5.5E
HOURS DURATION OF EVENTS

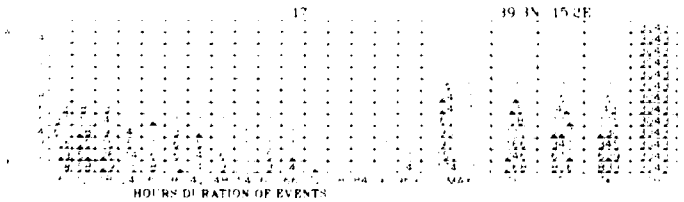

9
40.1N 1.2E
HOURS DURATION OF EVENTS

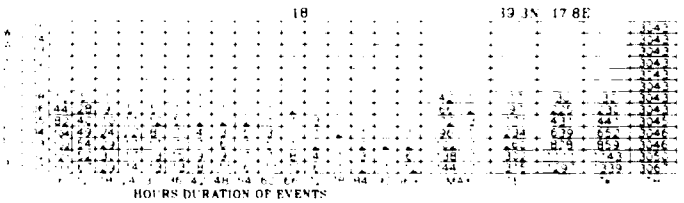

11
40.7N 11.7E
HOURS DURATION OF EVENTS

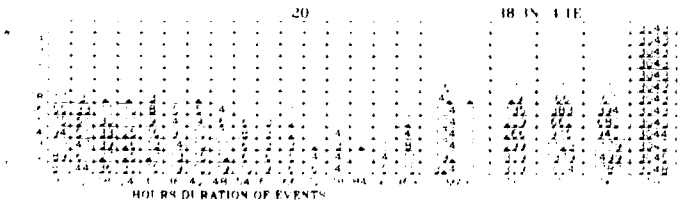

12
40.6N 18.8E
HOURS DURATION OF EVENTS

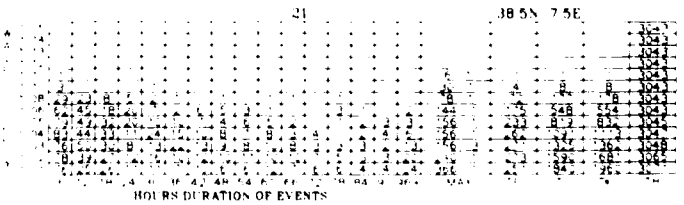

14
39.5N 2.2E
HOURS DURATION OF EVENTS


15
39.8N 5.7E
HOURS DURATION OF EVENTS

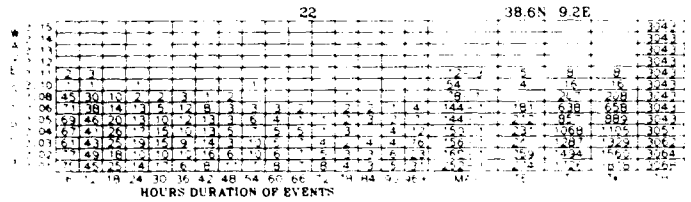

17
39.3N 15.2E
HOURS DURATION OF EVENTS

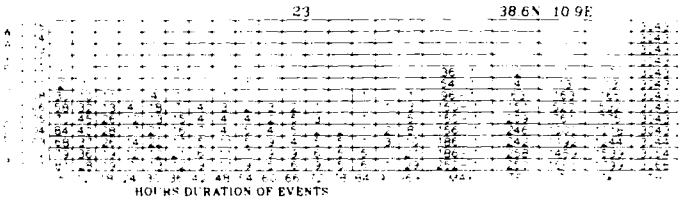

18
39.3N 17.8E
HOURS DURATION OF EVENTS

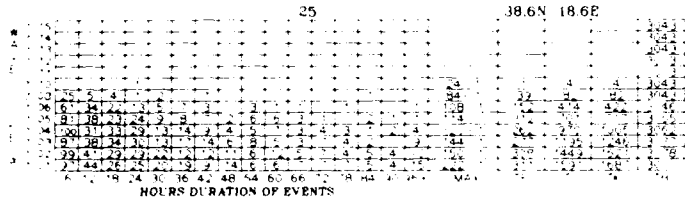

20
38.3N 4.1E
HOURS DURATION OF EVENTS

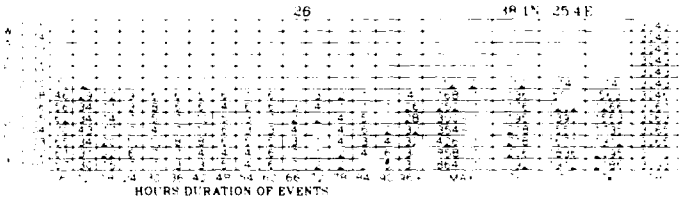

21
38.5N 7.5E
HOURS DURATION OF EVENTS

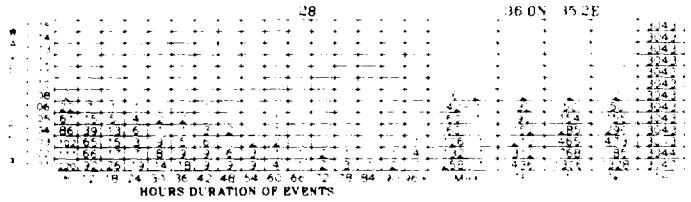
SUMMER WAVE SLOPE (a)

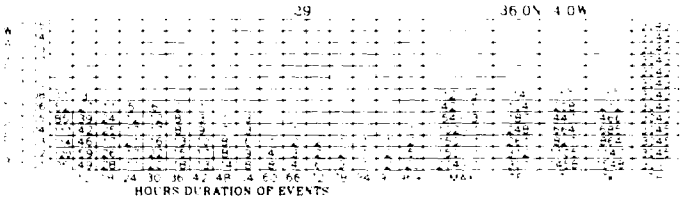


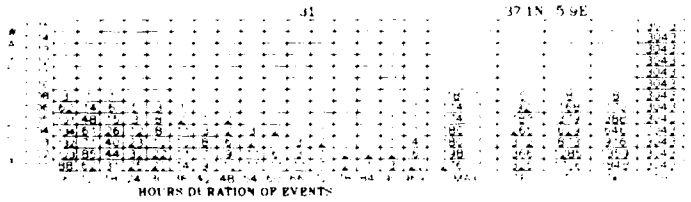


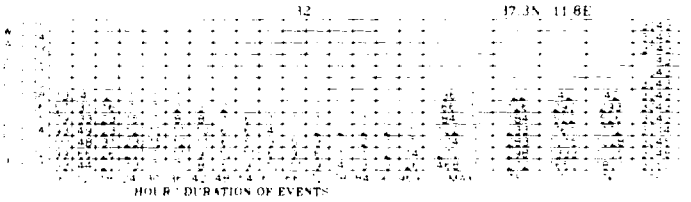


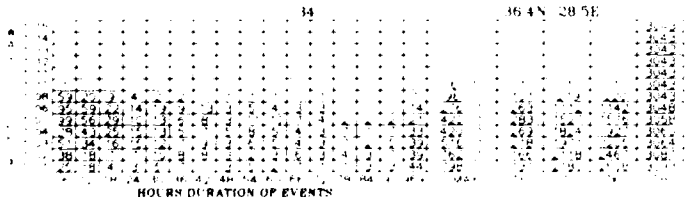


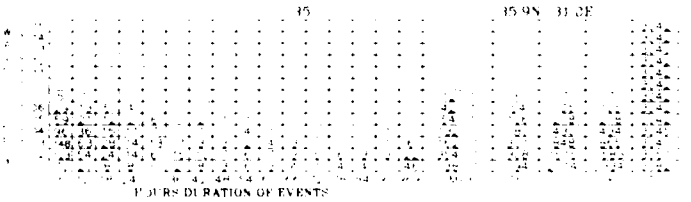


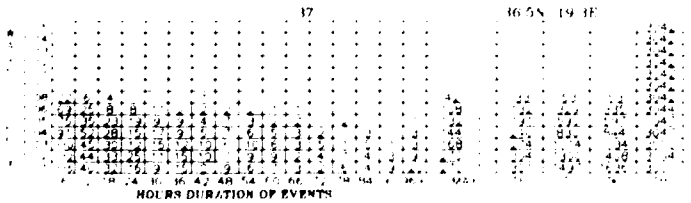


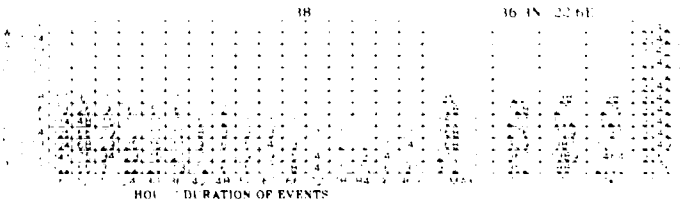


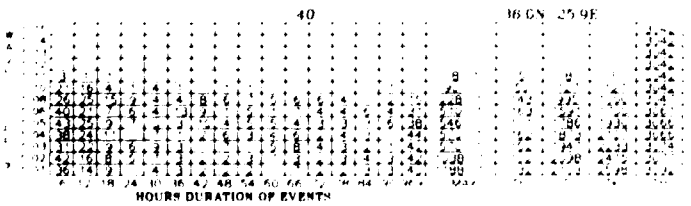


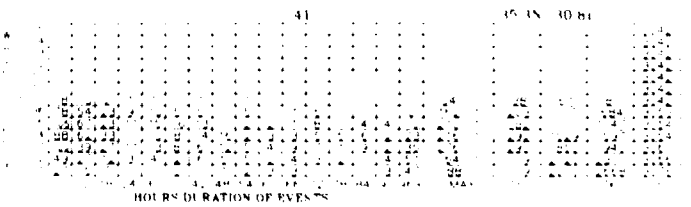




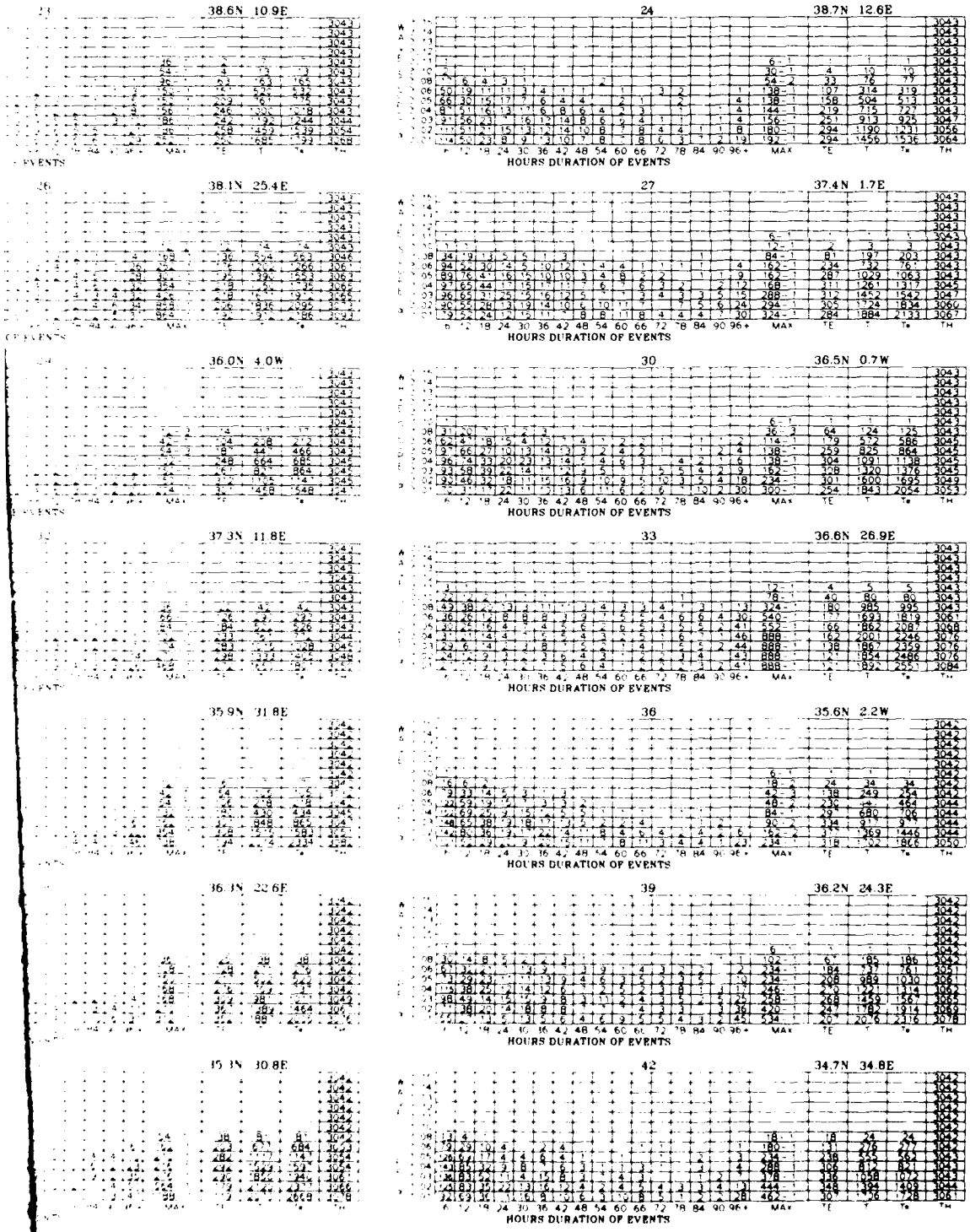




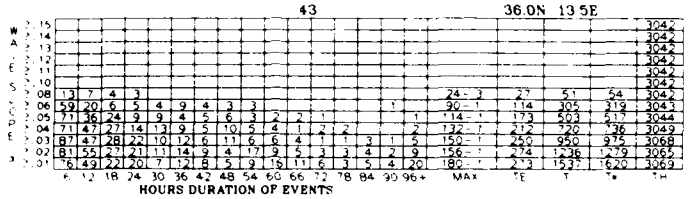


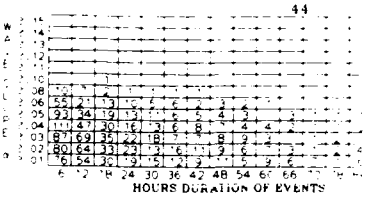


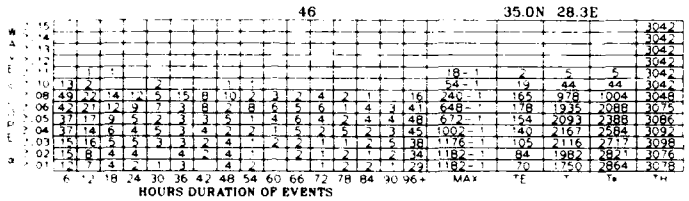
WAVE SLOPE (α) DURATIONS (Cont'd)

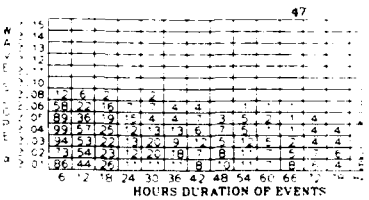


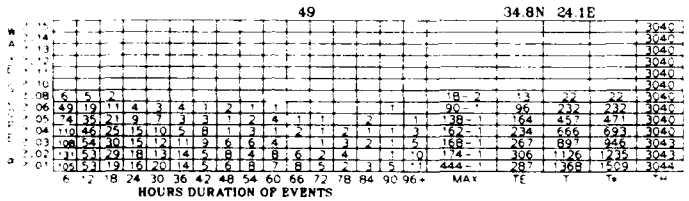
WAVE SLOPE (α) DURATIONS (Cont'd)

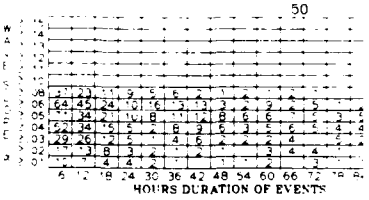


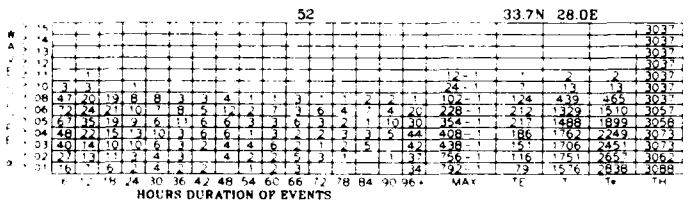


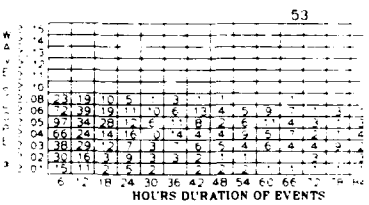


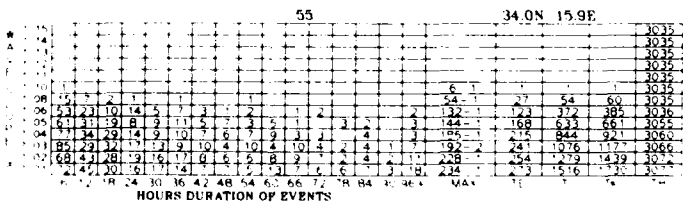


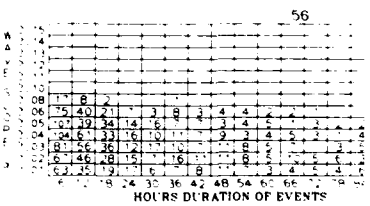


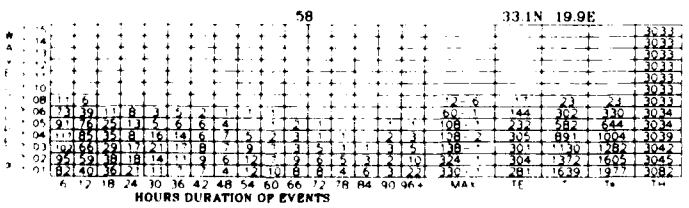


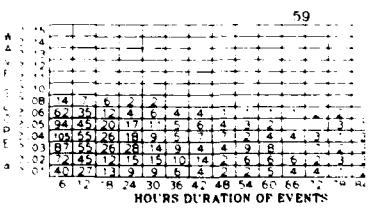


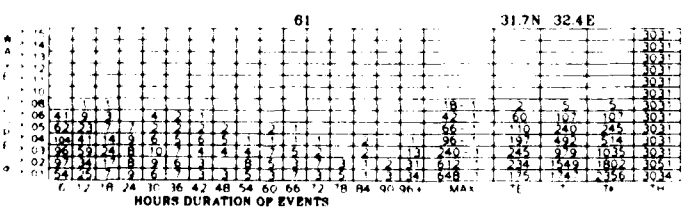


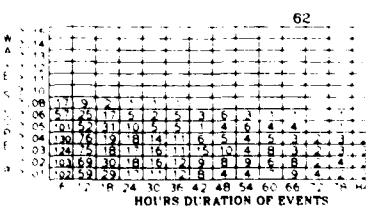












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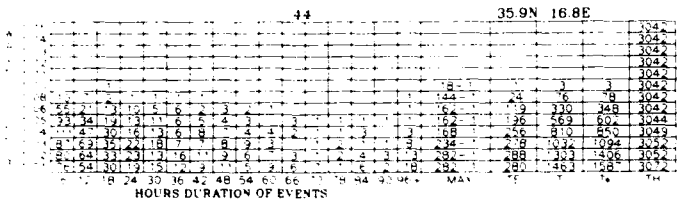

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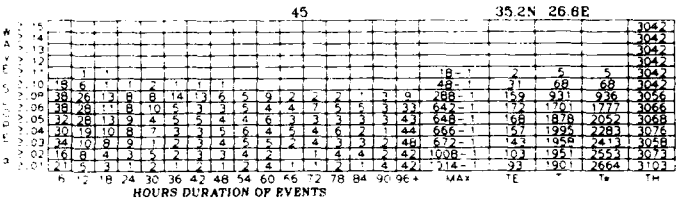

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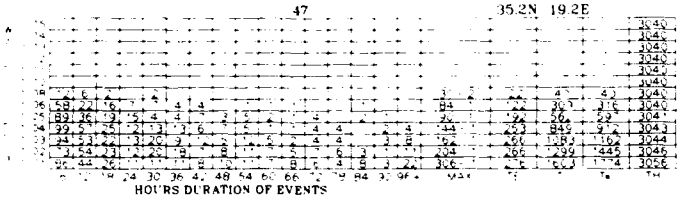

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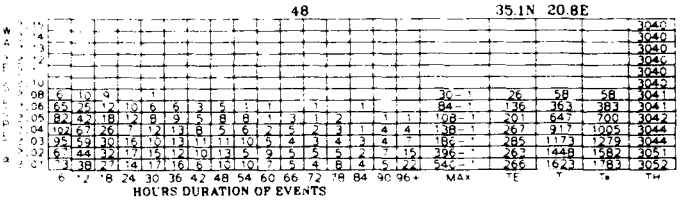

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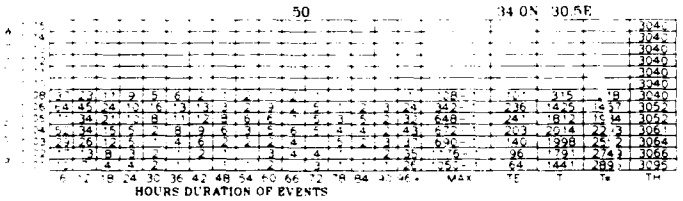

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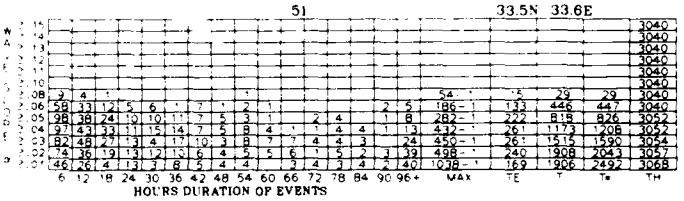

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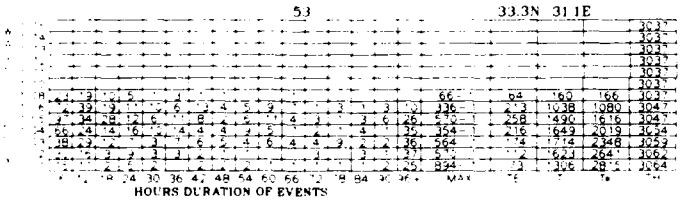

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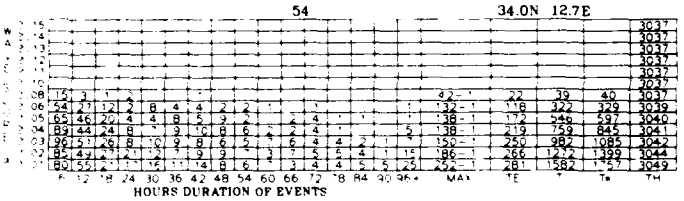

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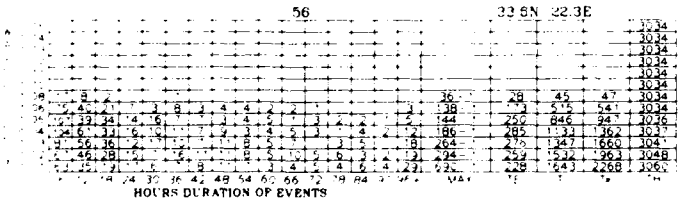

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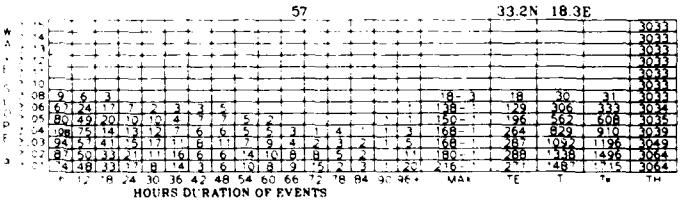

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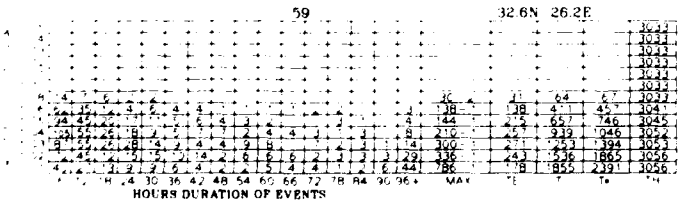

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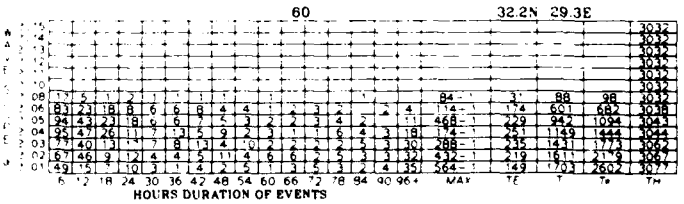

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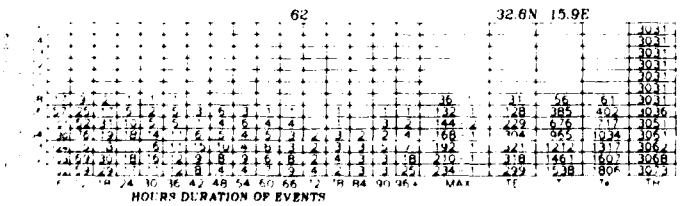

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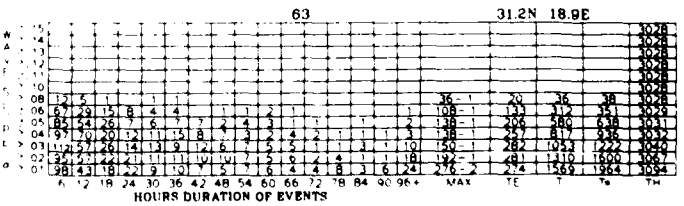
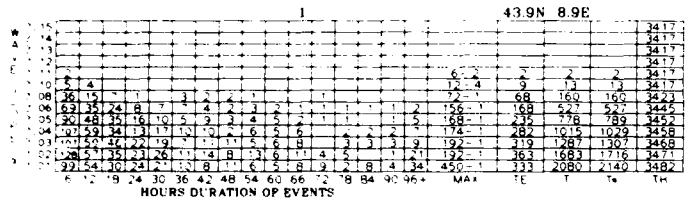
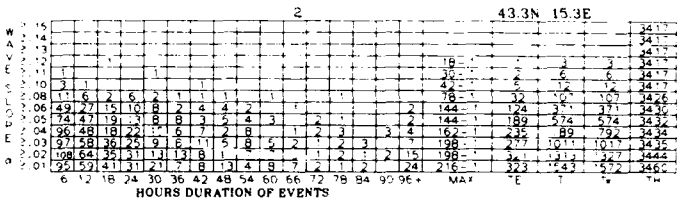
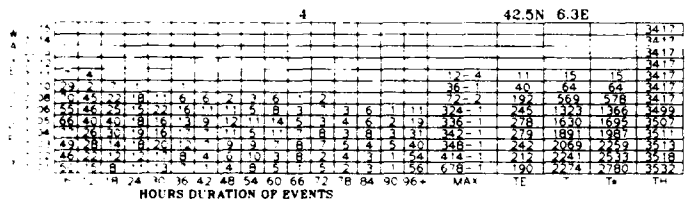
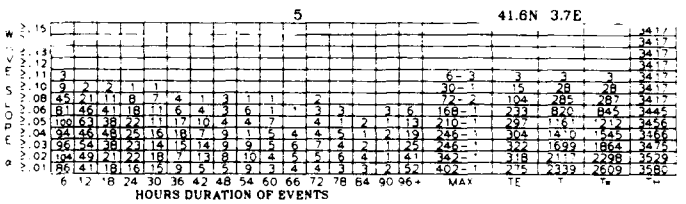


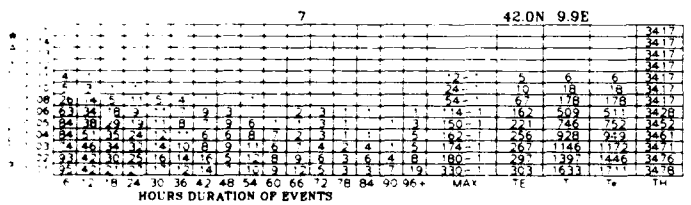
FALL WAVE SLO

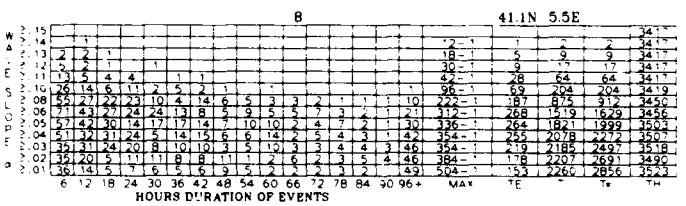


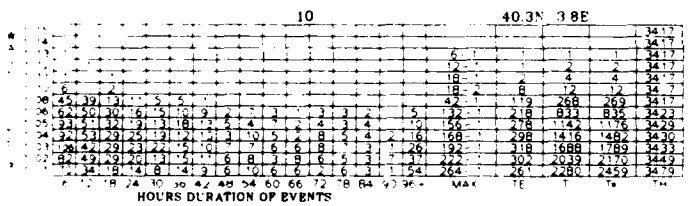


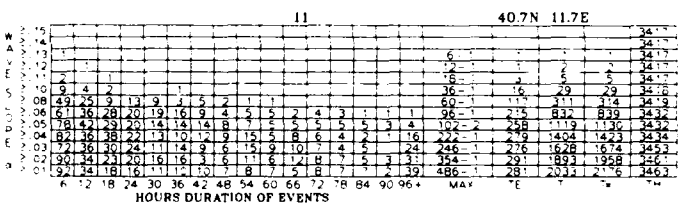


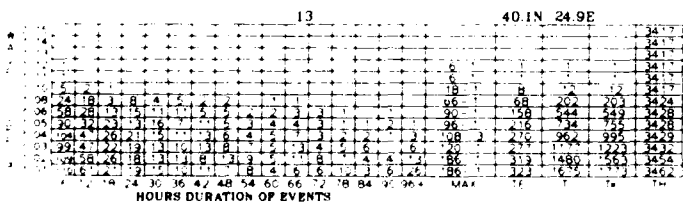


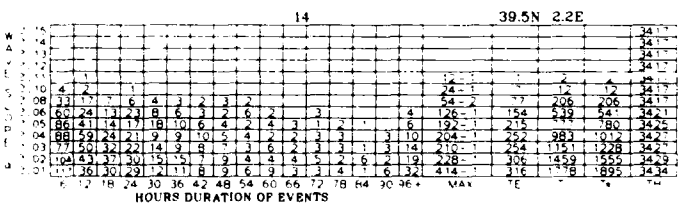


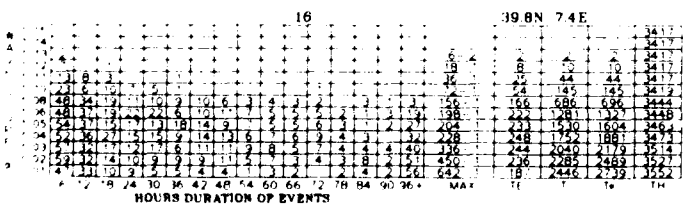


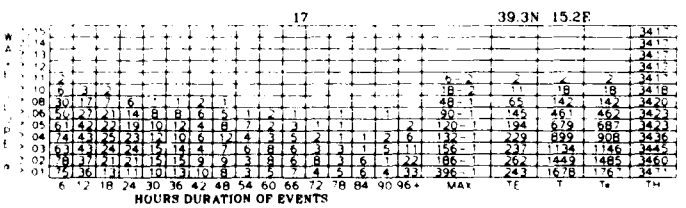


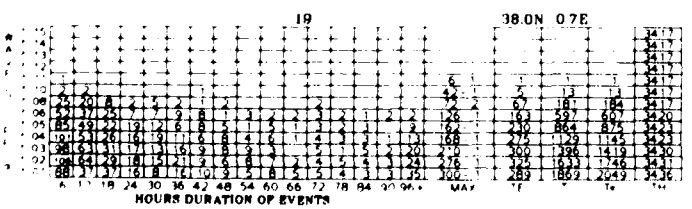


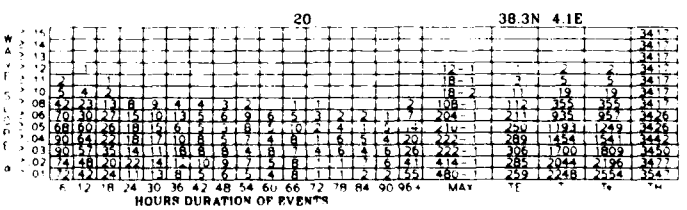




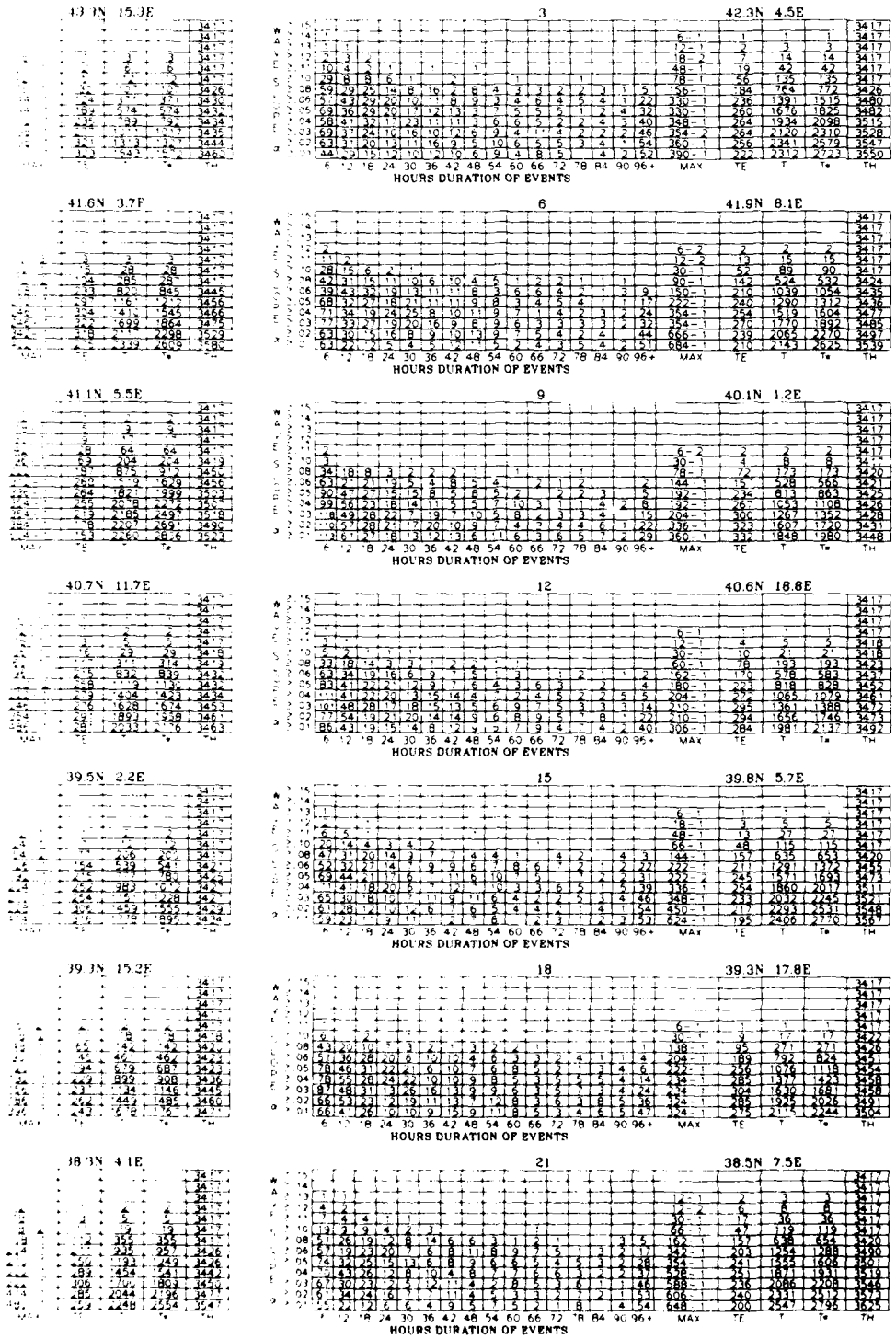




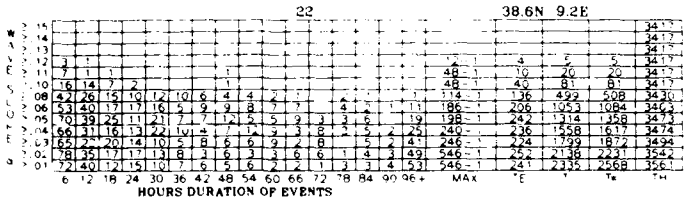


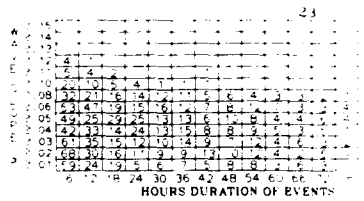


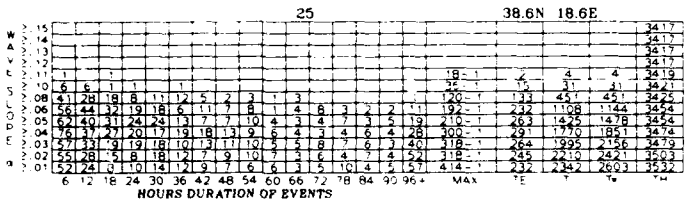
WAVE SLOPE (α) DURATIONS

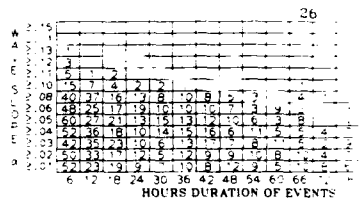


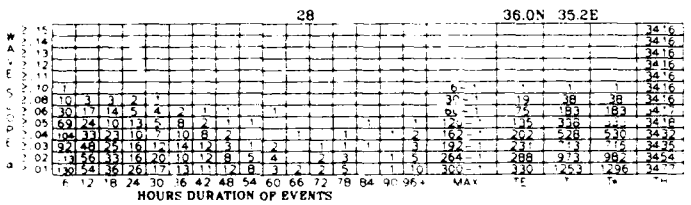
WAVE SLOPE (α) DURATIONS (Cont'd)

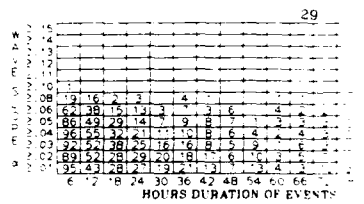


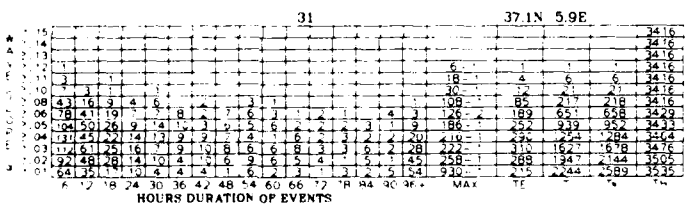


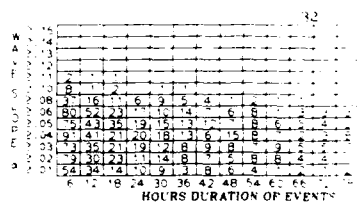


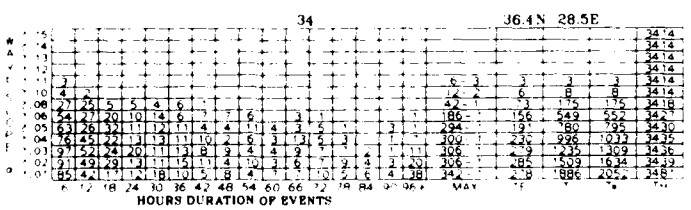


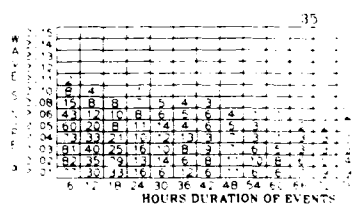


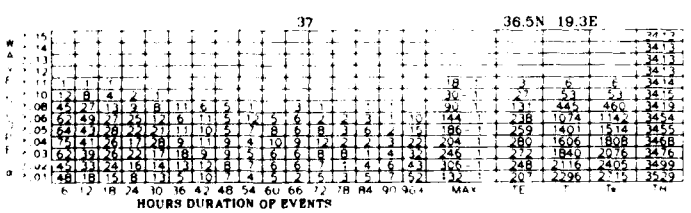


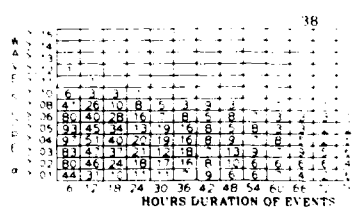


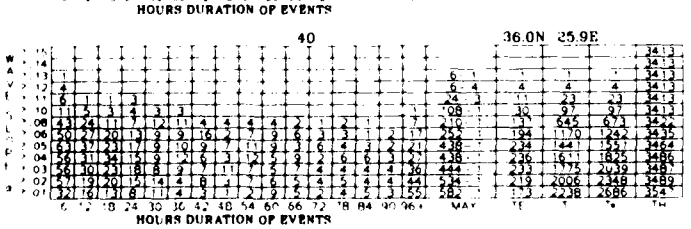


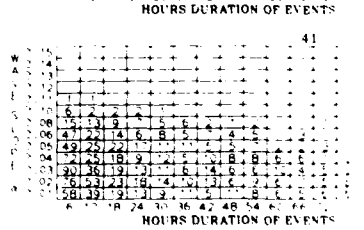




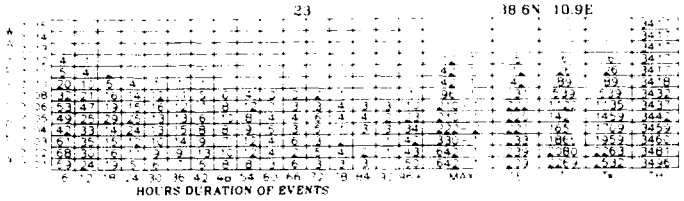




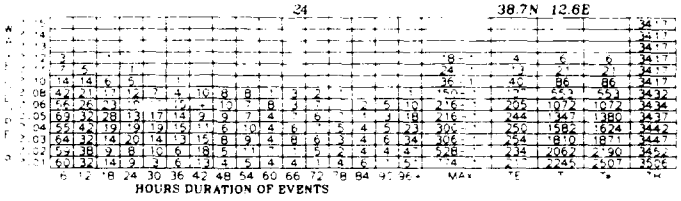




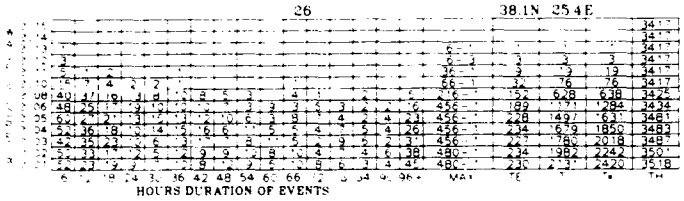
23 18.6N 10.9E



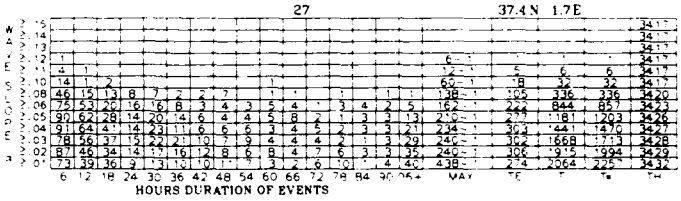
24 38.7N 12.6E



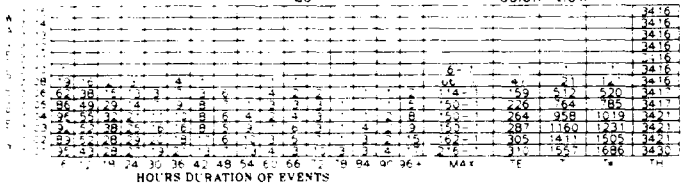
26 38.1N 25.4E



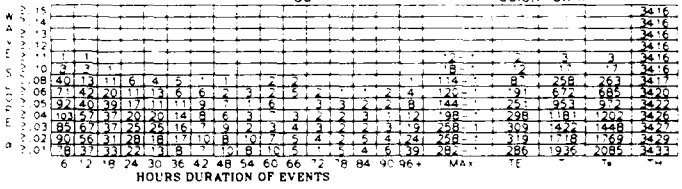
27 37.4N 1.7E



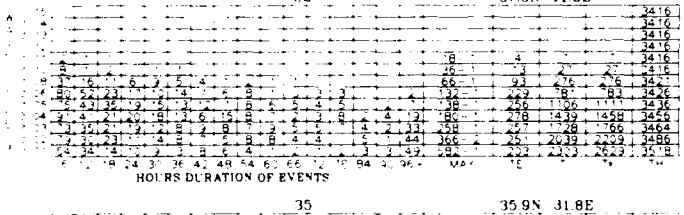
29 36.0N 4.0W



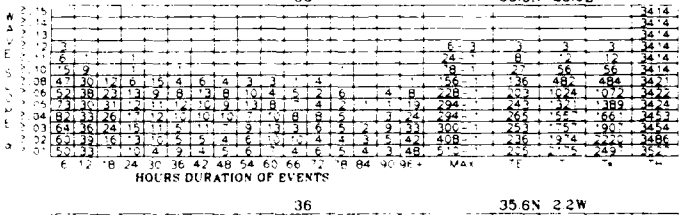
30 36.5N 0.7W



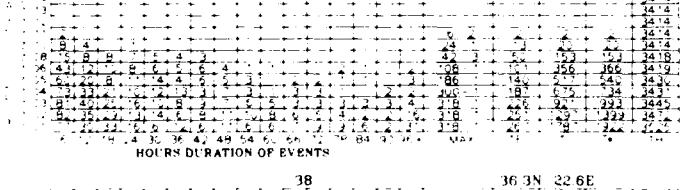
32 37.3N 11.8E



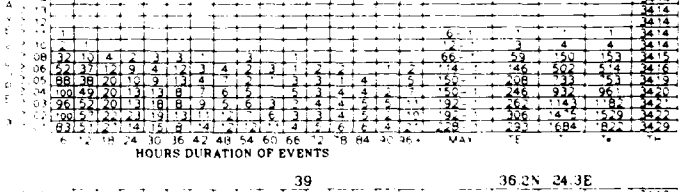
33 36.6N 26.9E



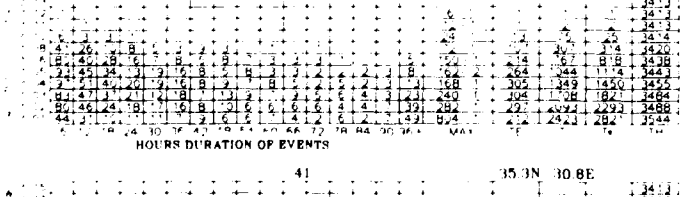
35 35.9N 31.8E



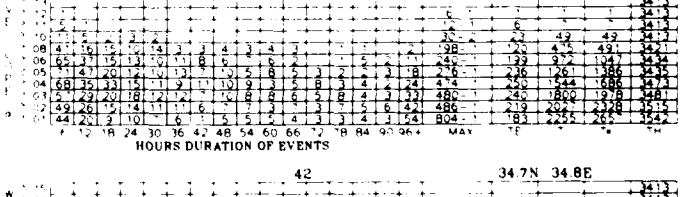
36 35.6N 2.2W



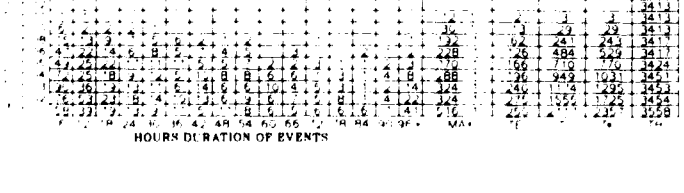
38 36.3N 22.6E



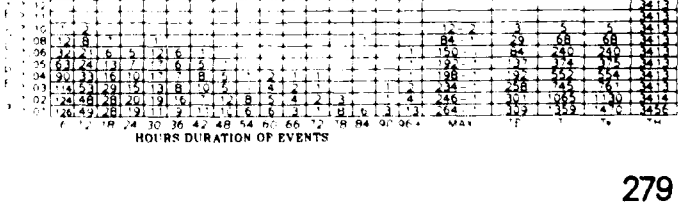
39 36.2N 24.3E



41 35.3N 30.8E



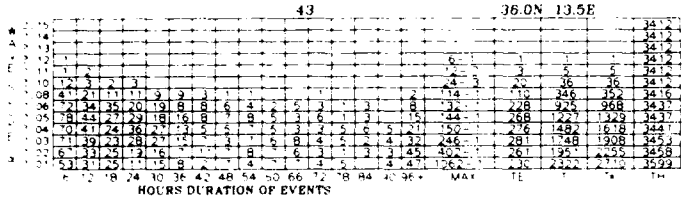
42 34.7N 34.8E



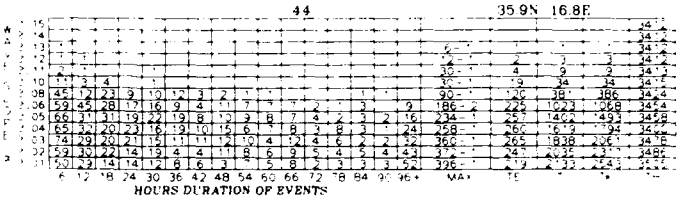
FALL

WAVE SLOPE (a) D

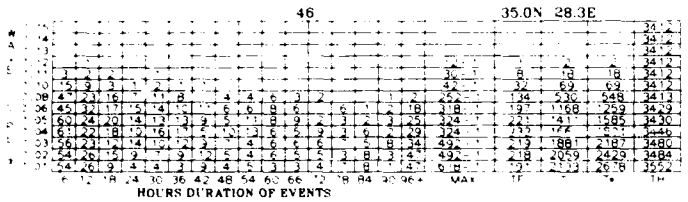
43 36.0N 13.5E



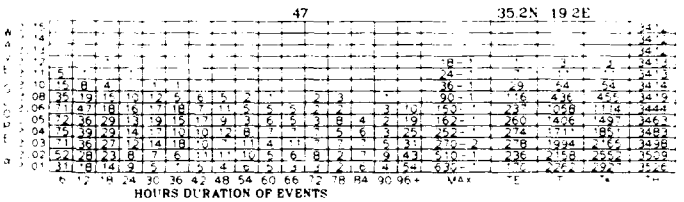
44 35.9N 16.8E



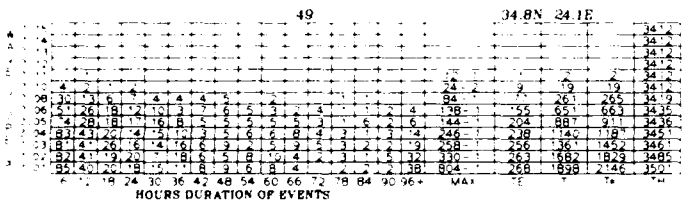
46 35.0N 28.3E



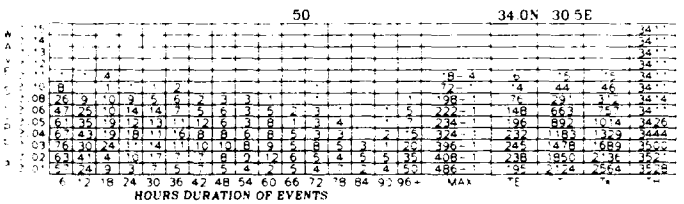
47 35.2N 19.2E



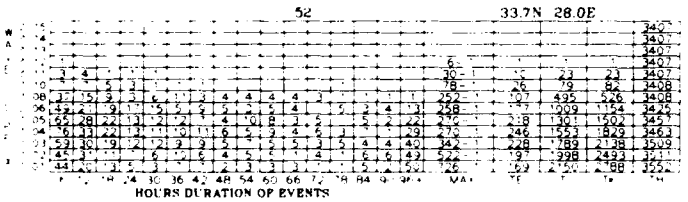
49 34.8N 24.1E



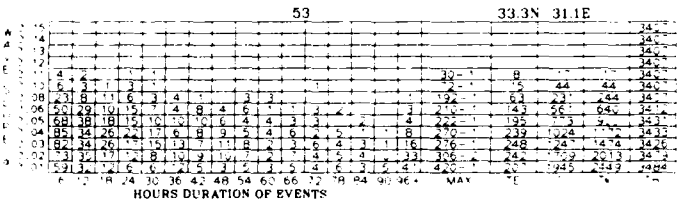
50 34.0N 30.5E



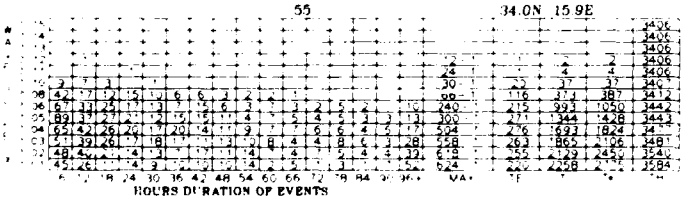
52 33.7N 28.0E



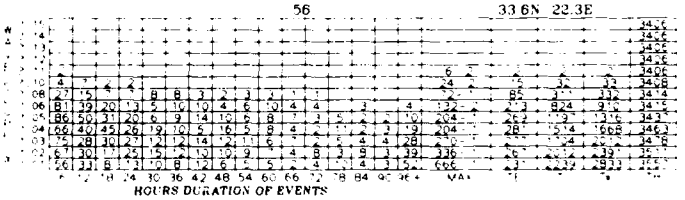
53 33.3N 31.1E



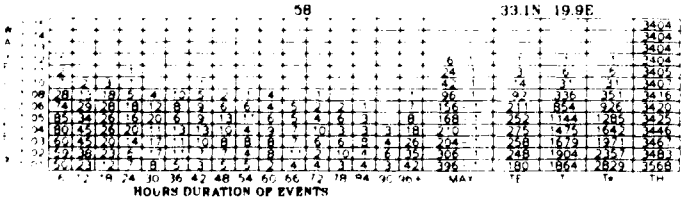
55 34.0N 15.9E



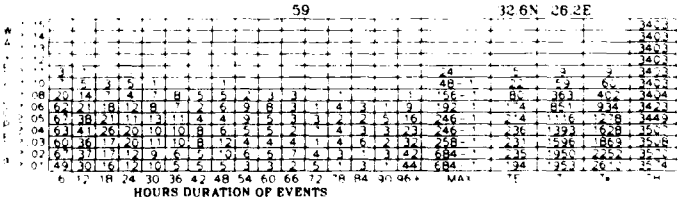
56 33.6N 22.3E



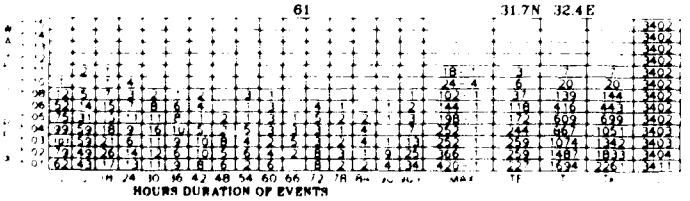
58 33.1N 19.9E



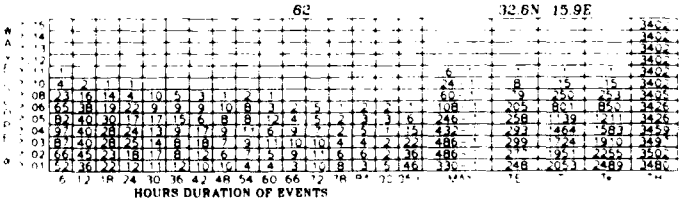
59 32.6N 26.2E



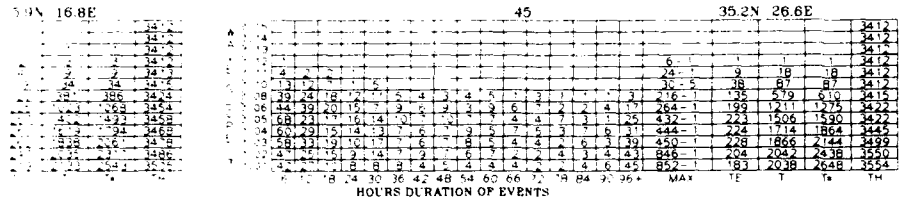
61 31.7N 32.4E

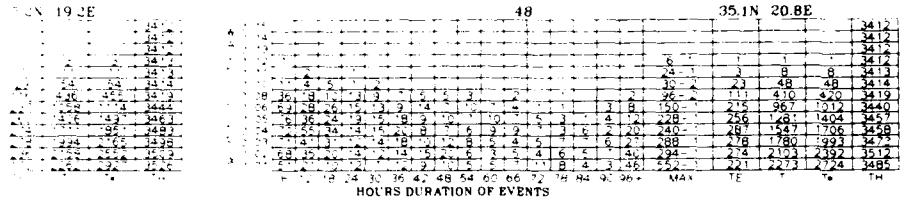


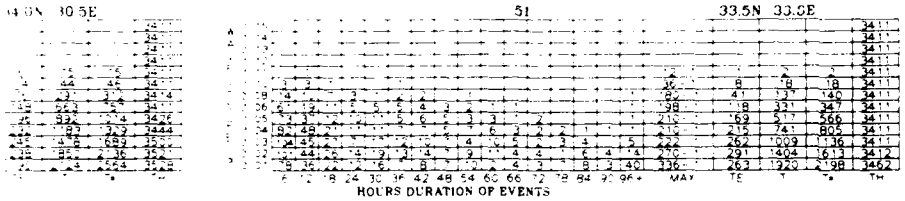
62 32.6N 15.9E

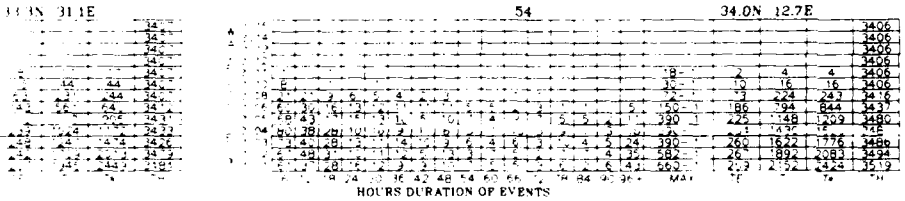


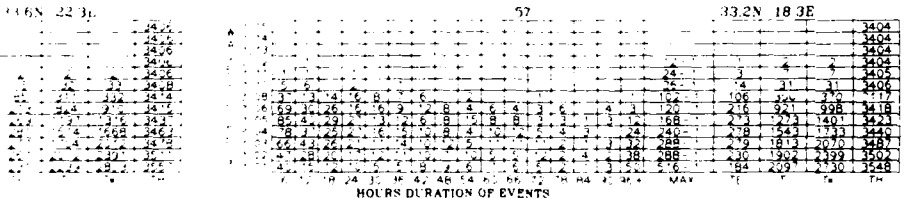
SLOPE (α) DURATIONS (Cont'd)

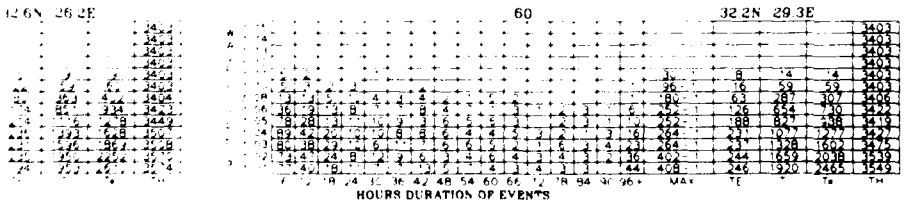


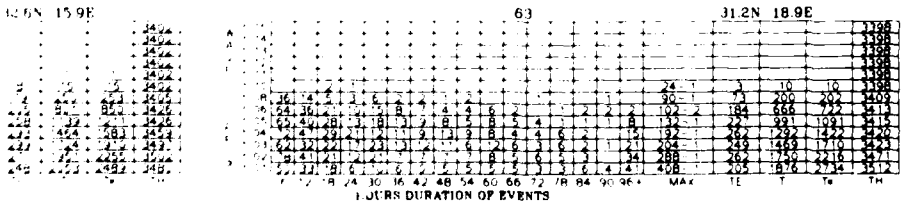




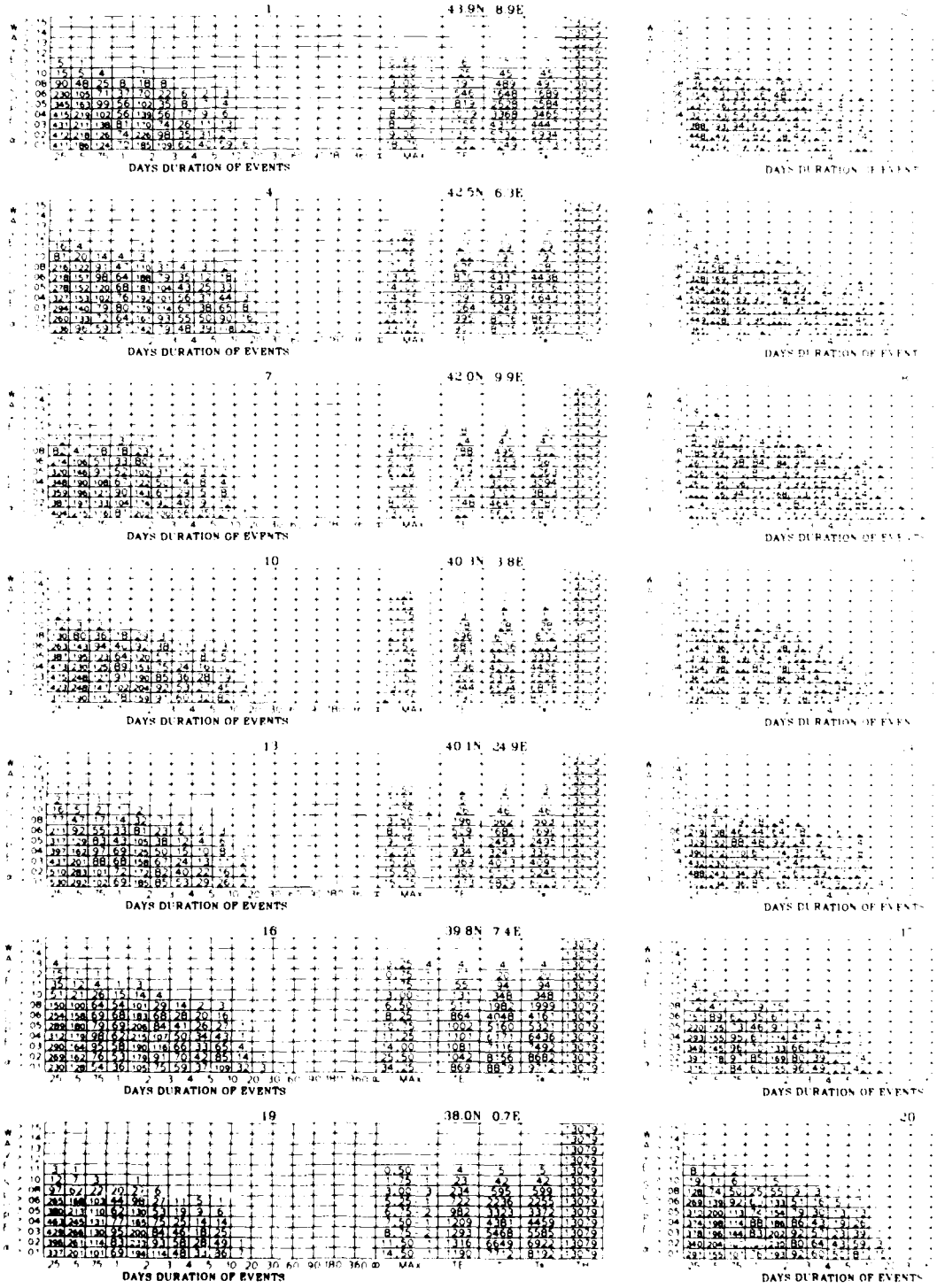


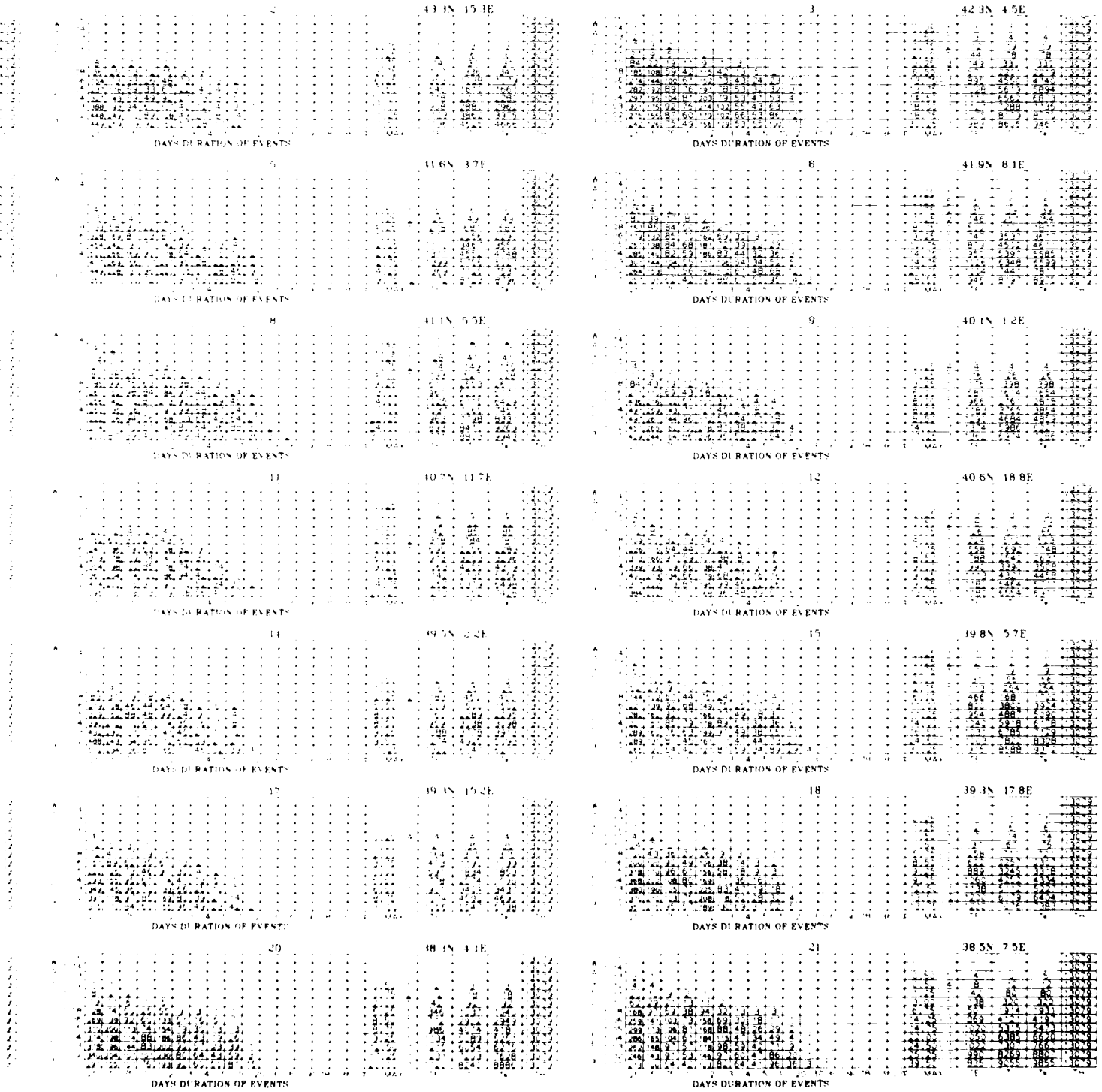




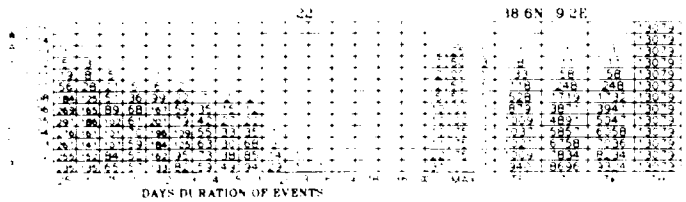


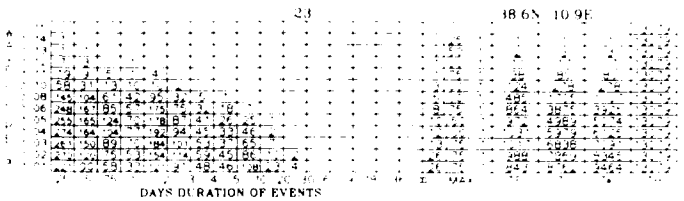
WAVE SLOPE (α) DURATIONS

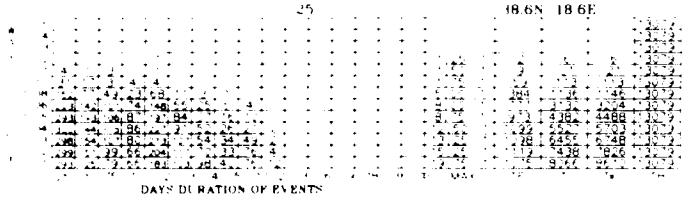


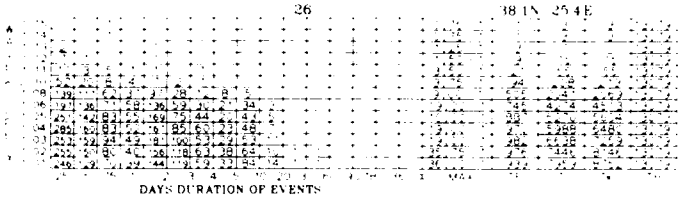

43.3N 15.3E
42.3N 4.5E
41.6N 3.7E
41.9N 8.1E
41.1N 5.5E
40.1N 1.2E
40.7N 11.7E
40.6N 18.8E
39.5N 2.2E
39.8N 5.7E
39.3N 15.2E
39.3N 17.8E
38.3N 4.1E
38.5N 7.5E
DAYS DURATION OF EVENTS

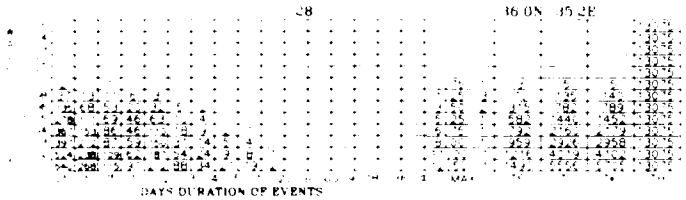
ANNUAL WAVE SLOPE (α) DU

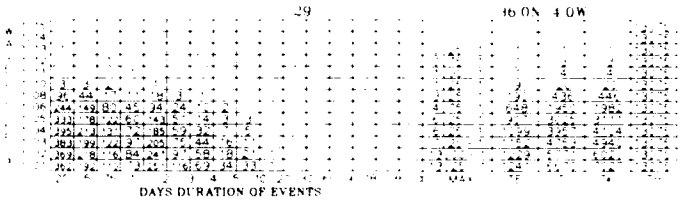


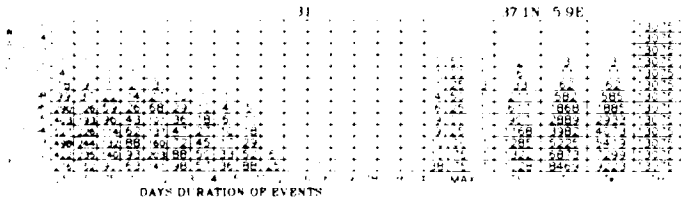


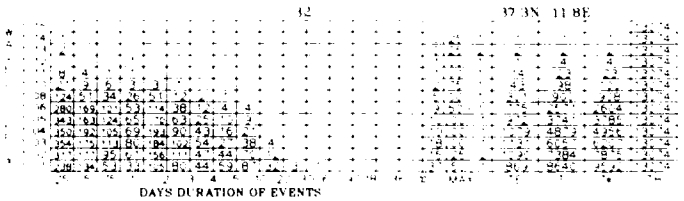


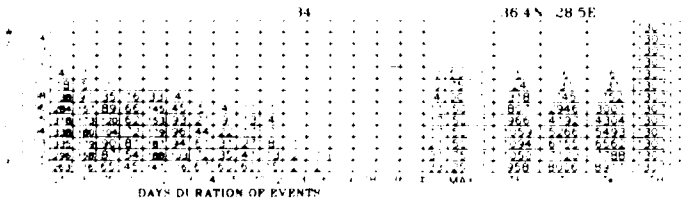


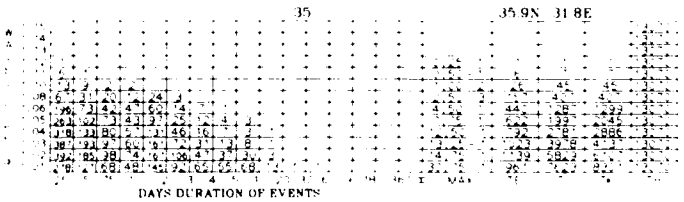


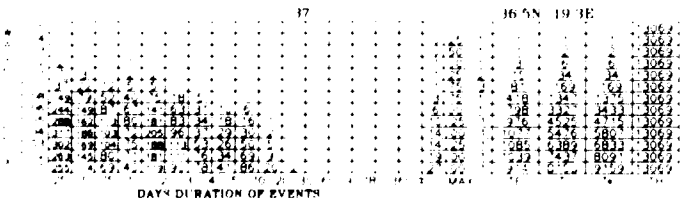


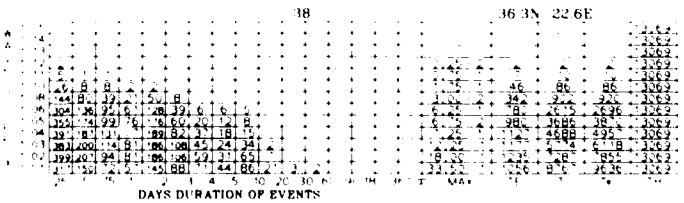


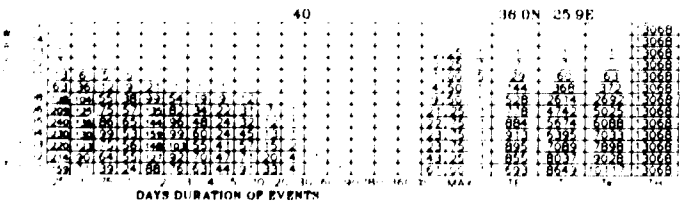


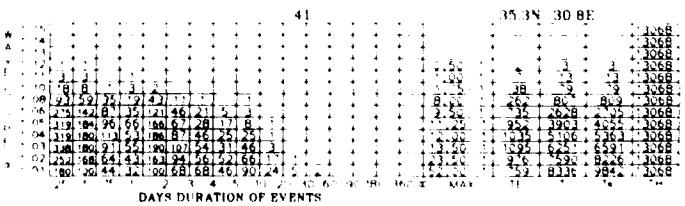




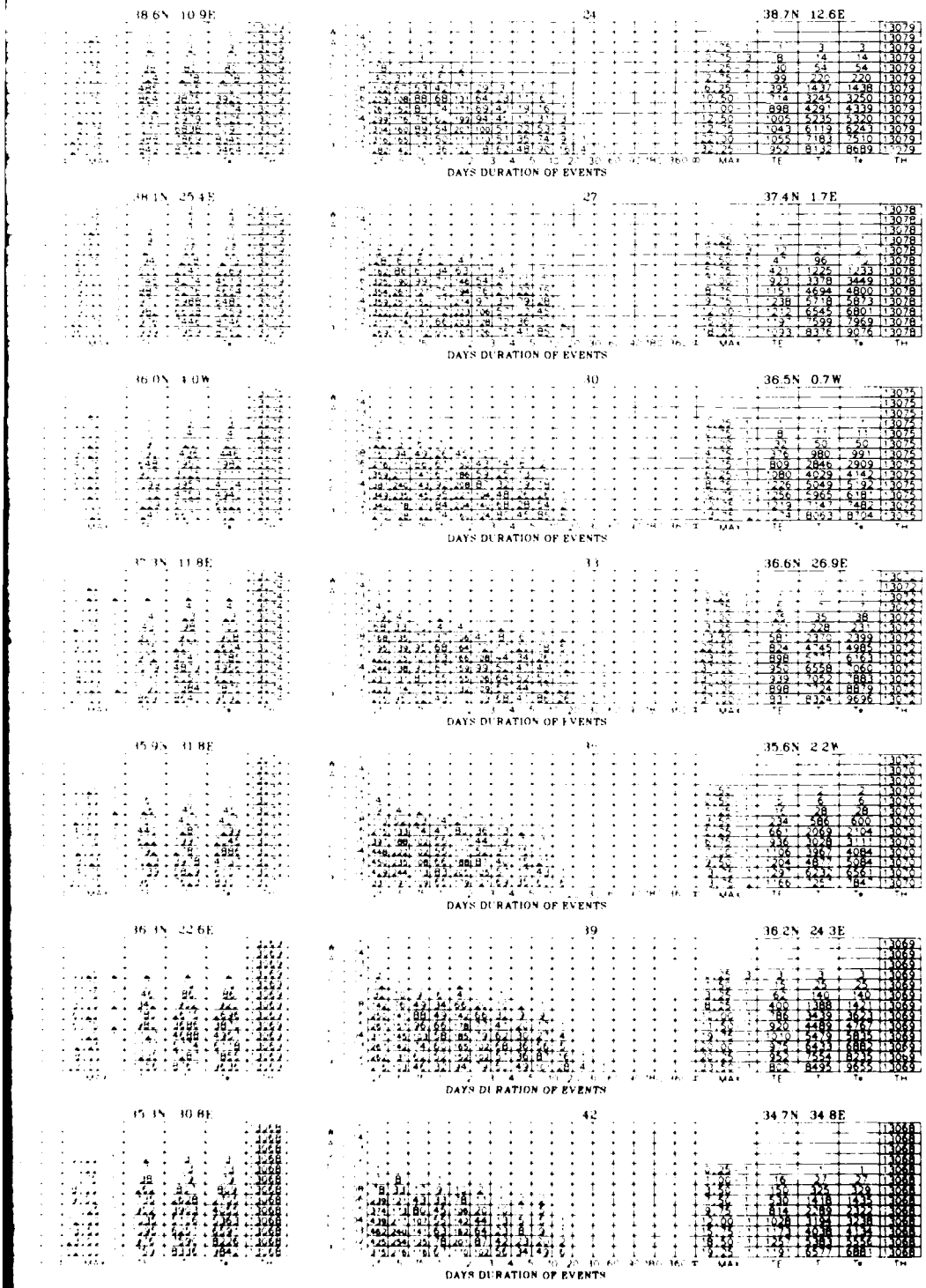




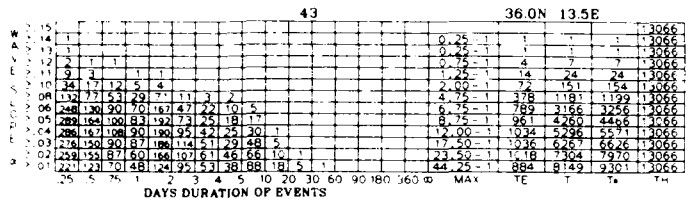


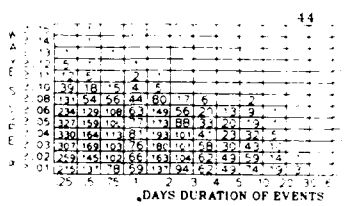


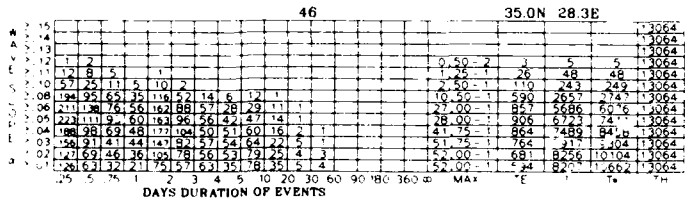
WAVE SLOPE (∩) DURATIONS (Cont'd)

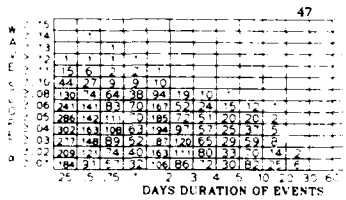


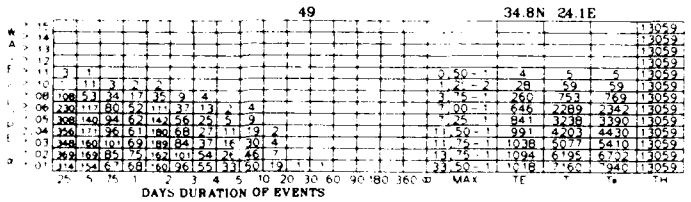
WAVE SLOPE (α) DURATIONS (Cont'd)

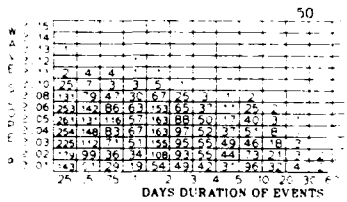


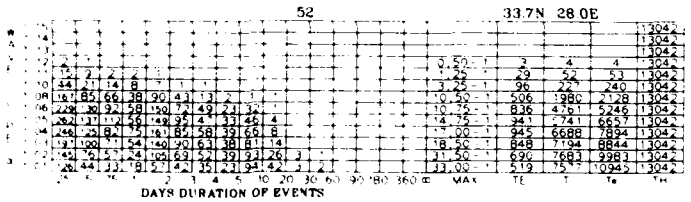


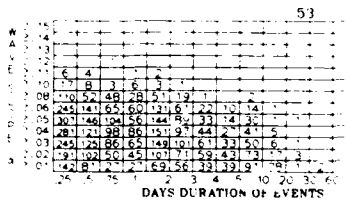


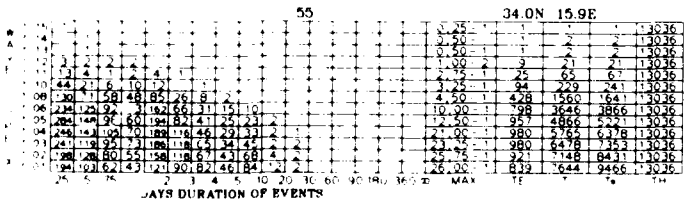


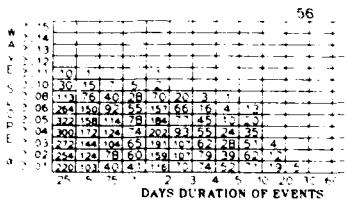


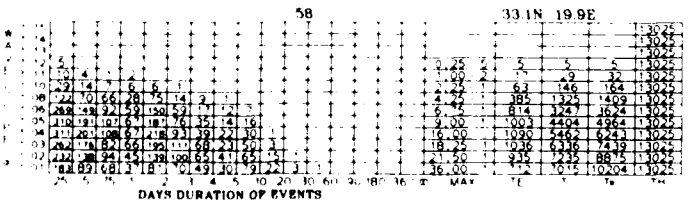


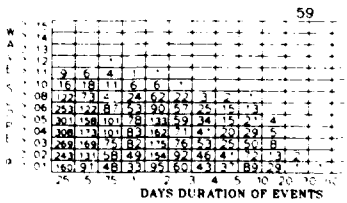


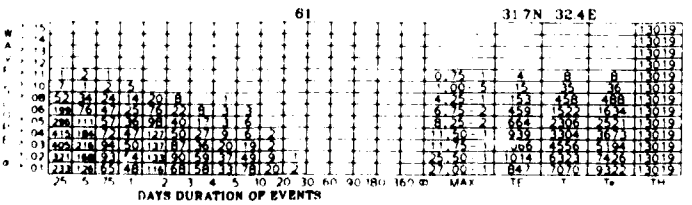


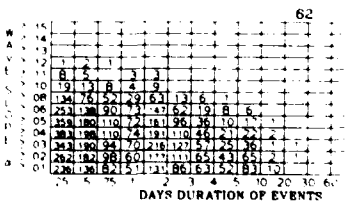




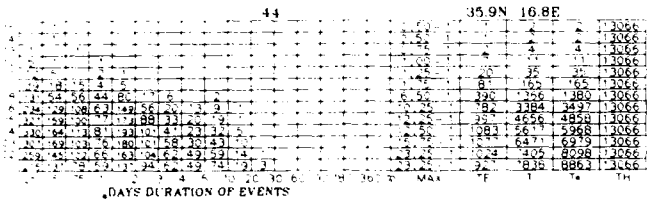




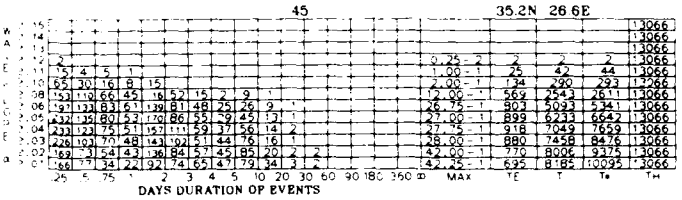




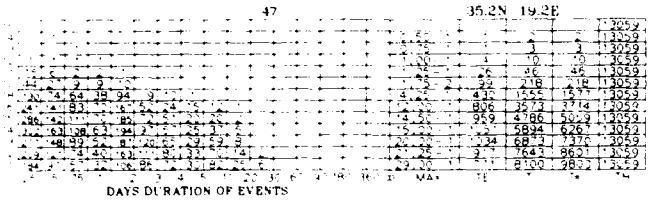
44 35.9N 16.8E



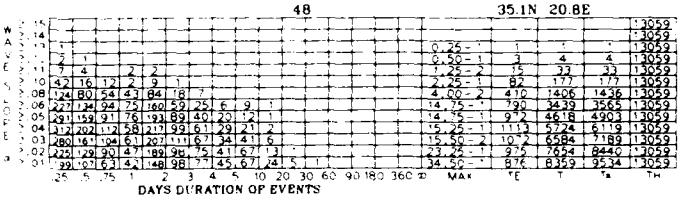
45 35.2N 26.6E



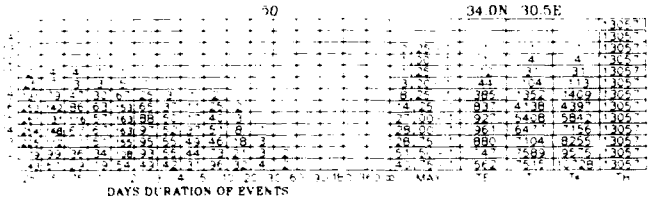
47 35.2N 19.2E



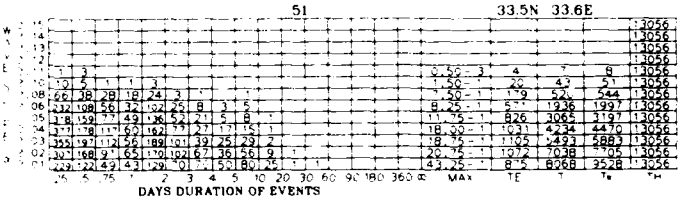
48 35.1N 20.8E



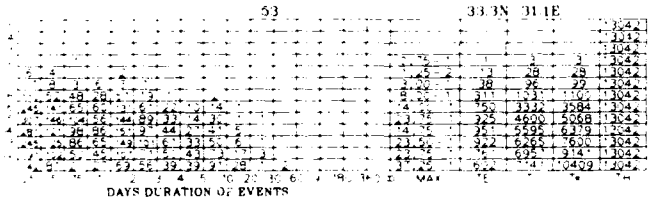
50 34.0N 30.5E



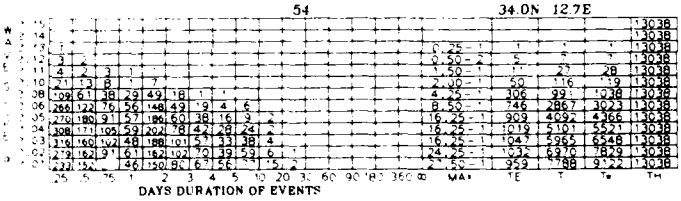
51 33.5N 33.6E



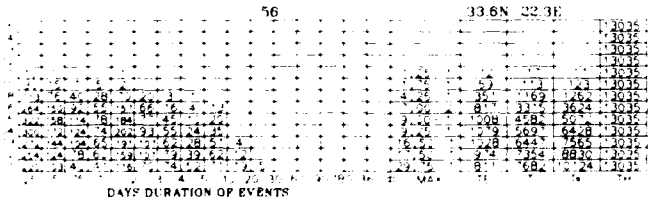
53 33.3N 31.1E



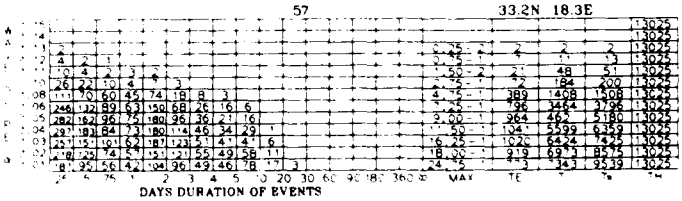
54 34.0N 12.7E



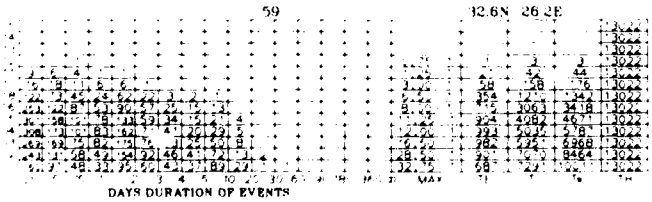
56 33.6N 22.3E



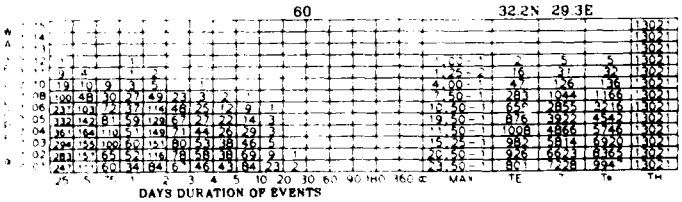
57 33.2N 18.3E



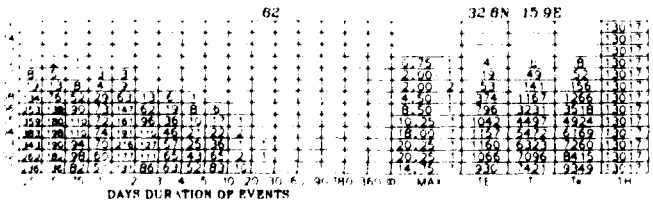
59 32.6N 26.2E



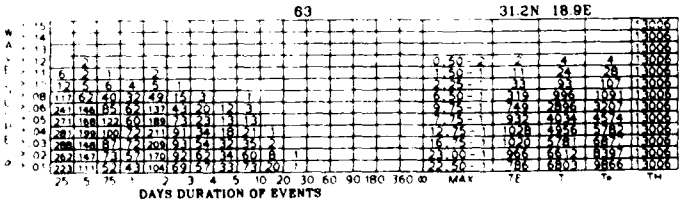
60 32.2N 29.3E



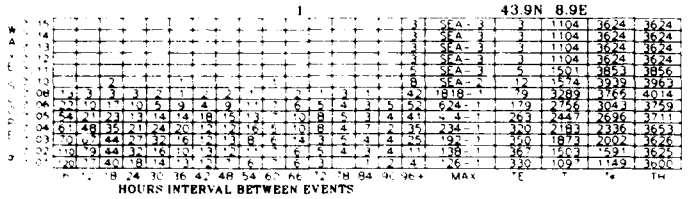
62 32.8N 15.9E

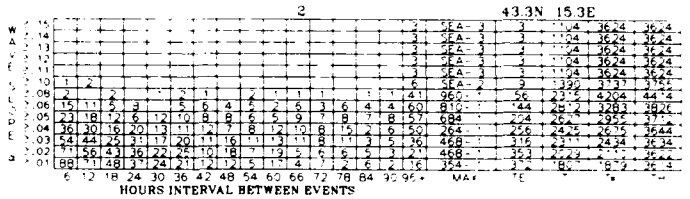


63 31.2N 18.9E



WINTER WAVE


1
43.9N 8.9E
HOURS INTERVAL BETWEEN EVENTS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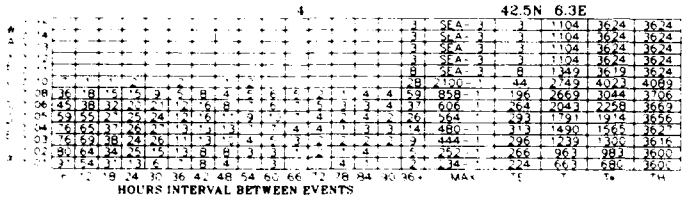
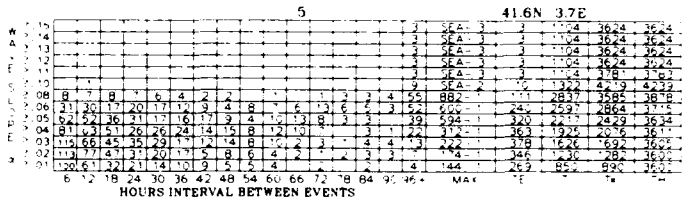
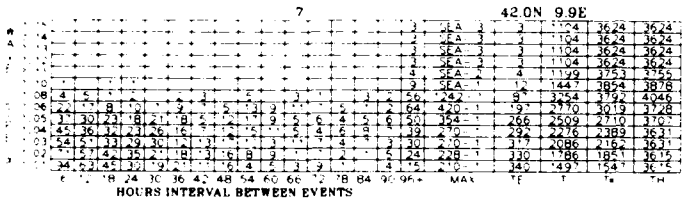
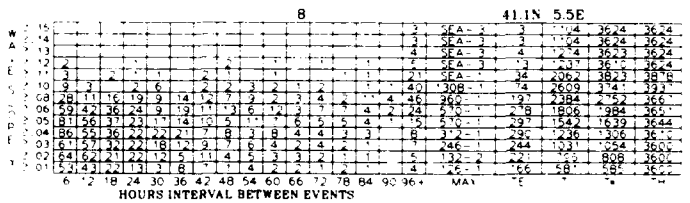
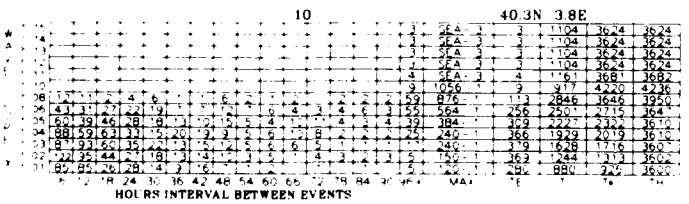
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS

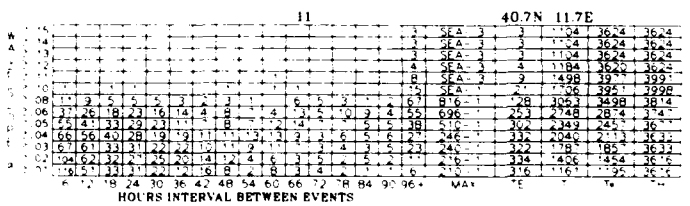

4
42.5N 6.3E
HOURS INTERVAL BETWEEN EVENTS

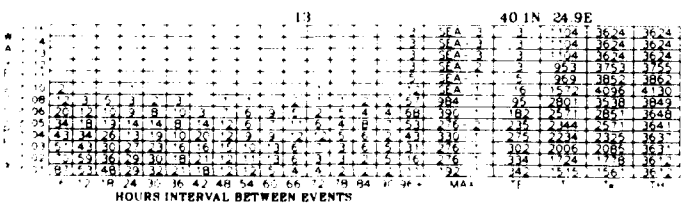

5
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS

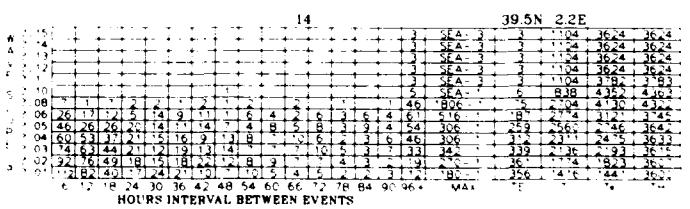

7
42.0N 9.9E
HOURS INTERVAL BETWEEN EVENTS

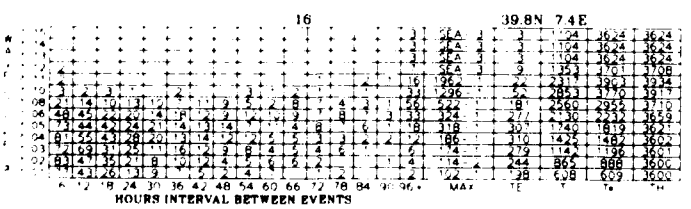

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

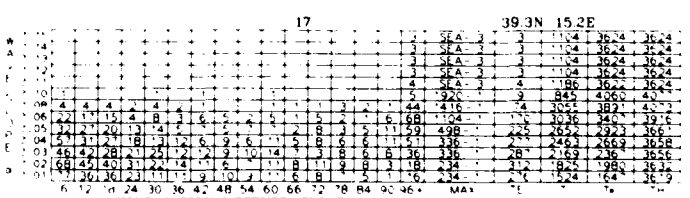

10
40.3N 3.8E
HOURS INTERVAL BETWEEN EVENTS

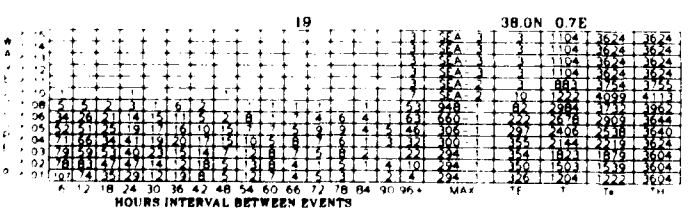

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

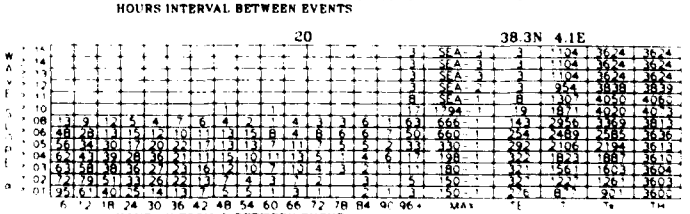

13
40.1N 24.9E
HOURS INTERVAL BETWEEN EVENTS


14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


16
39.8N 7.4E
HOURS INTERVAL BETWEEN EVENTS

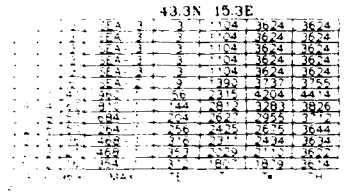

17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS


19
38.0N 0.7E
HOURS INTERVAL BETWEEN EVENTS

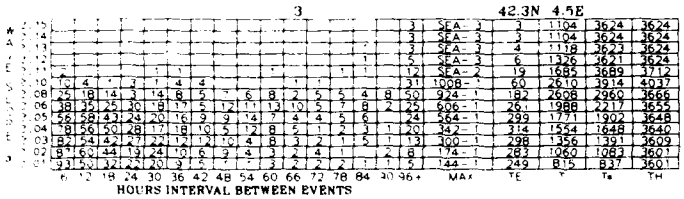

20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS

WAVE SLOPE (α) INTERVALS

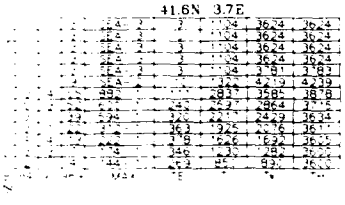
43.3N 15.3E



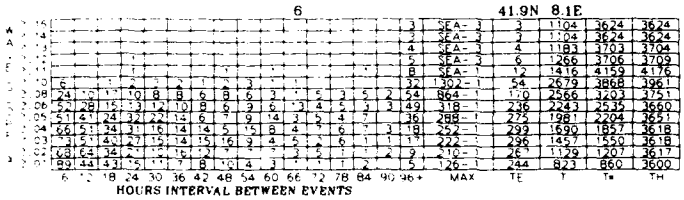
3 — 42.3N 4.5E



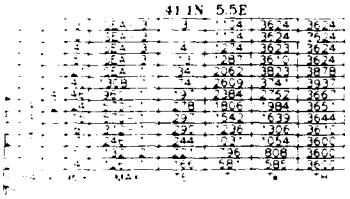
41.6N 3.7E



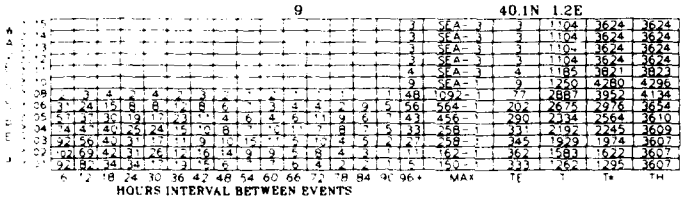
6 — 41.9N 8.1E



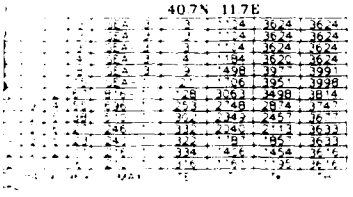
41.1N 5.5E



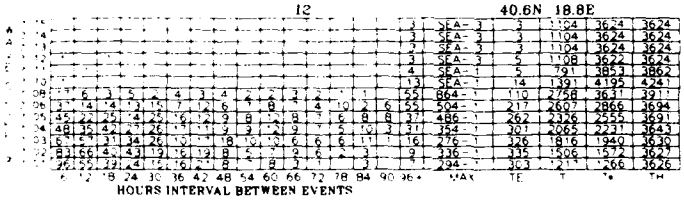
9 — 40.1N 1.2E



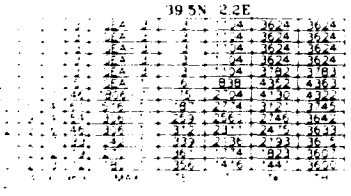
40.7N 11.7E



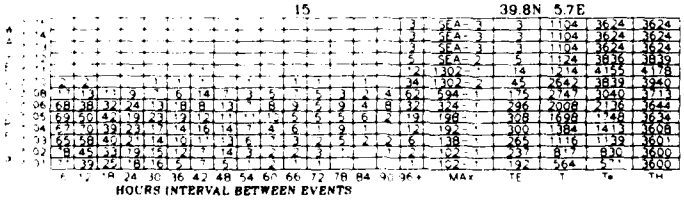
12 — 40.6N 18.8E



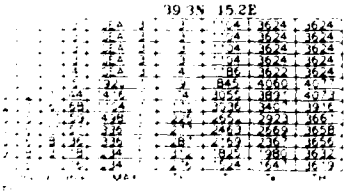
39.5N 2.2E



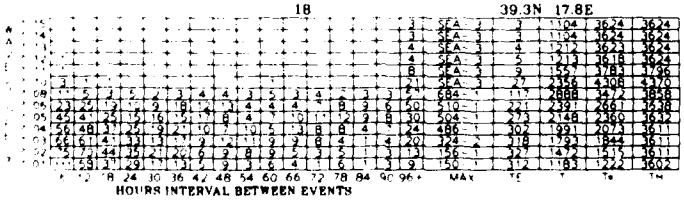
15 — 39.8N 5.7E



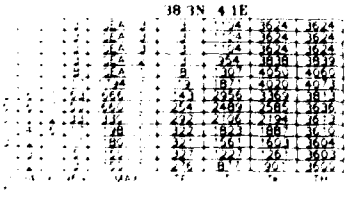
39.3N 15.2E



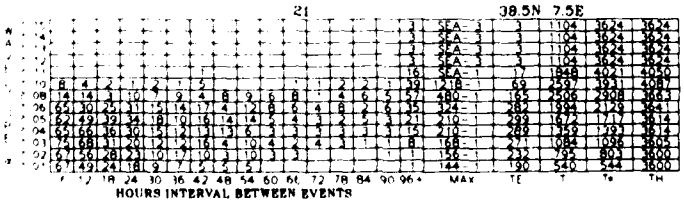
18 — 39.3N 17.8E



38.3N 4.1E



21 — 38.5N 7.5E



WAVE SLOPE (α) INTERVALS (Cont'd)

22 38.6N 9.2E

HOURS INTERVAL BETWEEN EVENTS

23

HOURS INTERVAL BETWEEN EVENTS

25 38.6N 18.6E

HOURS INTERVAL BETWEEN EVENTS

26

HOURS INTERVAL BETWEEN EVENTS

28 36.0N 35.2E

HOURS INTERVAL BETWEEN EVENTS

29

HOURS INTERVAL BETWEEN EVENTS

31 37.1N 5.9E

HOURS INTERVAL BETWEEN EVENTS

32

HOURS INTERVAL BETWEEN EVENTS

34 36.4N 28.5E

HOURS INTERVAL BETWEEN EVENTS

35

HOURS INTERVAL BETWEEN EVENTS

37 36.5N 19.3E

HOURS INTERVAL BETWEEN EVENTS

38

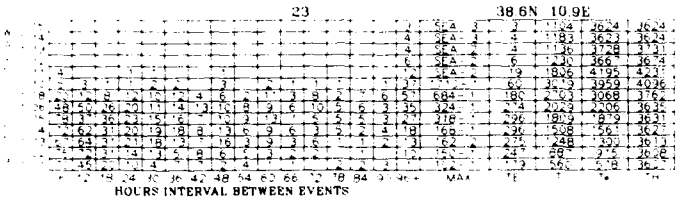
HOURS INTERVAL BETWEEN EVENTS

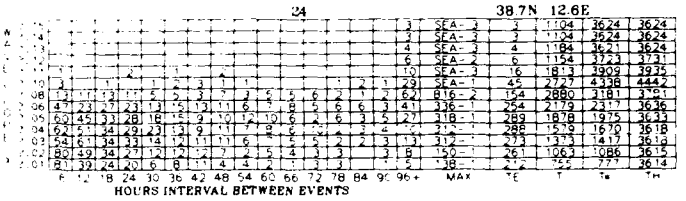
40 36.0N 25.9E

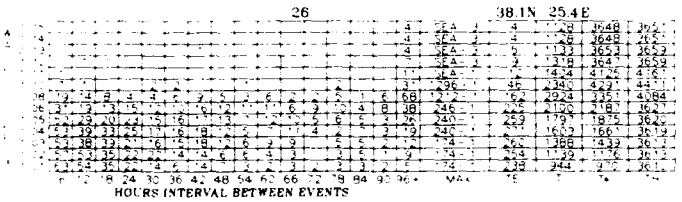
HOURS INTERVAL BETWEEN EVENTS

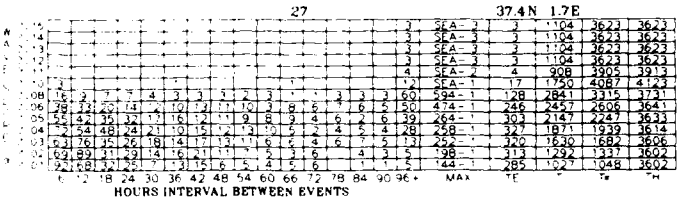
41

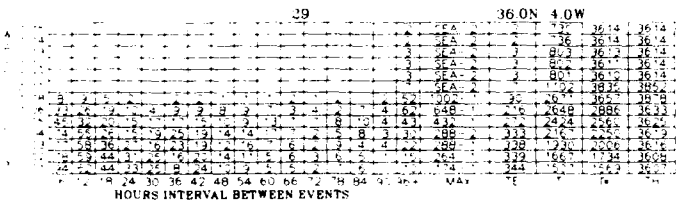
HOURS INTERVAL BETWEEN EVENTS

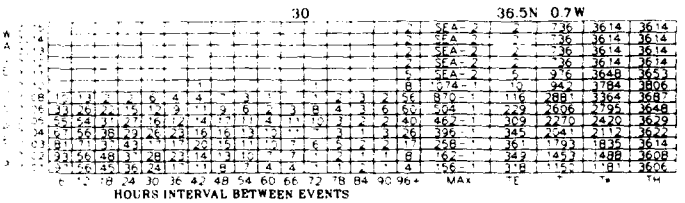

23
38.6N 10.9E
HOURS INTERVAL BETWEEN EVENTS

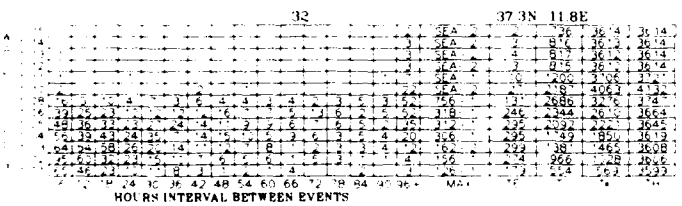

24
38.7N 12.6E
HOURS INTERVAL BETWEEN EVENTS

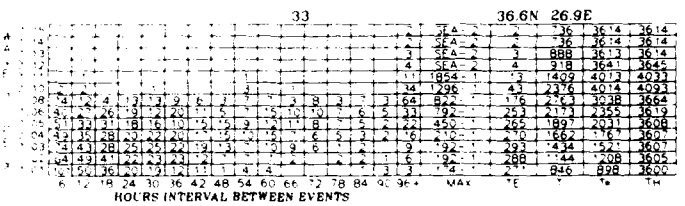

26
38.1N 25.4E
HOURS INTERVAL BETWEEN EVENTS

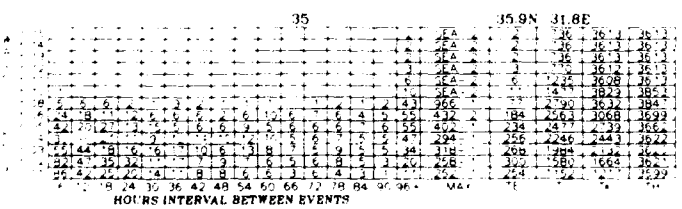

27
37.4N 1.7E
HOURS INTERVAL BETWEEN EVENTS

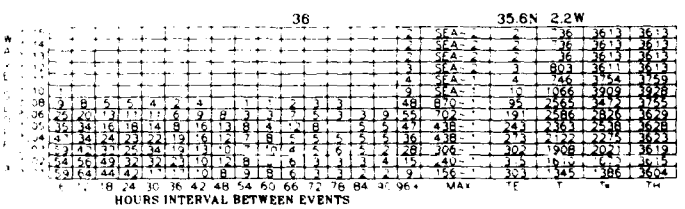

29
36.0N 4.0W
HOURS INTERVAL BETWEEN EVENTS

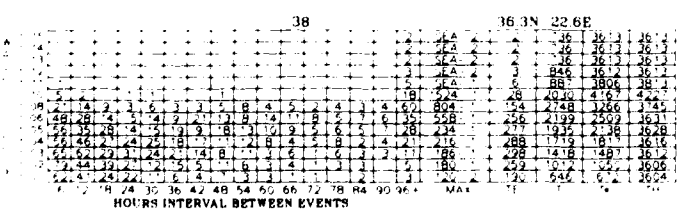

30
36.5N 0.7W
HOURS INTERVAL BETWEEN EVENTS

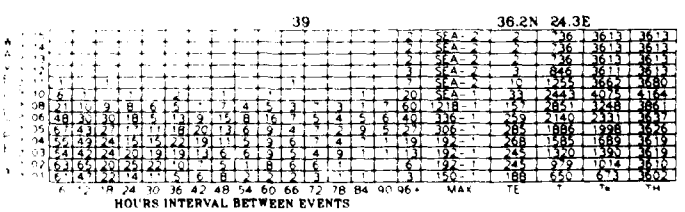

32
37.3N 11.8E
HOURS INTERVAL BETWEEN EVENTS

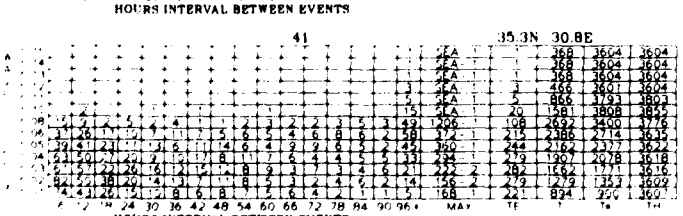

33
36.6N 26.9E
HOURS INTERVAL BETWEEN EVENTS

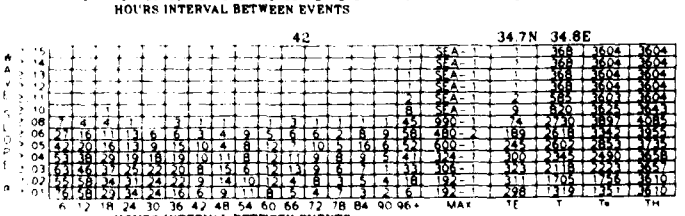

35
35.9N 31.8E
HOURS INTERVAL BETWEEN EVENTS


36
35.6N 2.2W
HOURS INTERVAL BETWEEN EVENTS


38
36.3N 22.6E
HOURS INTERVAL BETWEEN EVENTS

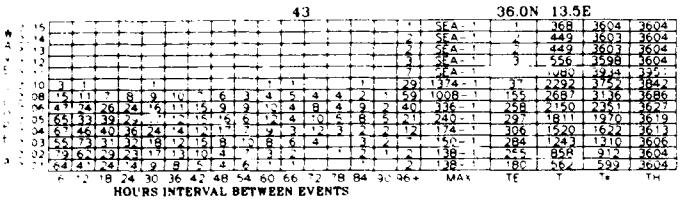

39
36.2N 24.3E
HOURS INTERVAL BETWEEN EVENTS


41
35.3N 30.8E
HOURS INTERVAL BETWEEN EVENTS

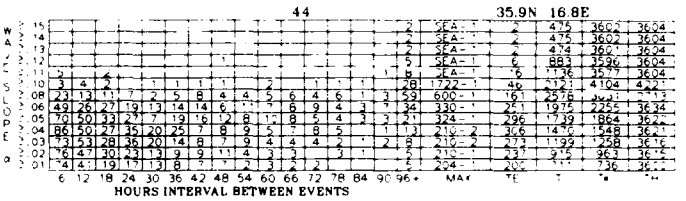

42
34.7N 34.8E
HOURS INTERVAL BETWEEN EVENTS

WINTER WAVE SLOPE (α)

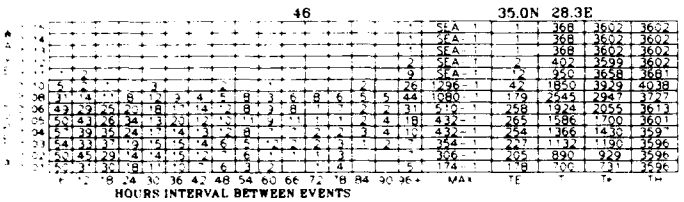
43 36.0N 13.5E



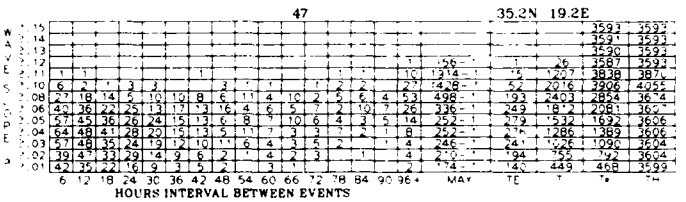
44 35.9N 16.8E



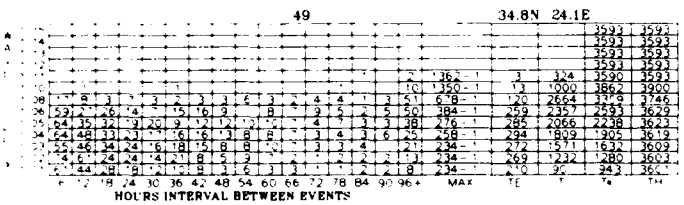
46 35.0N 28.3E



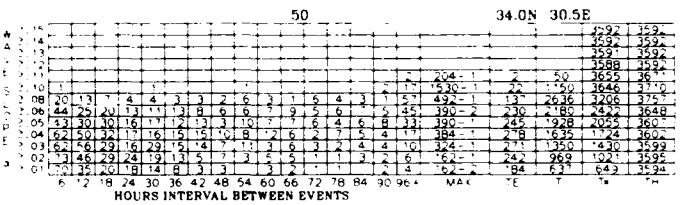
47 35.2N 19.2E



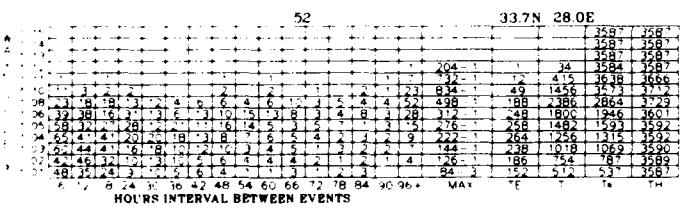
49 34.8N 24.1E



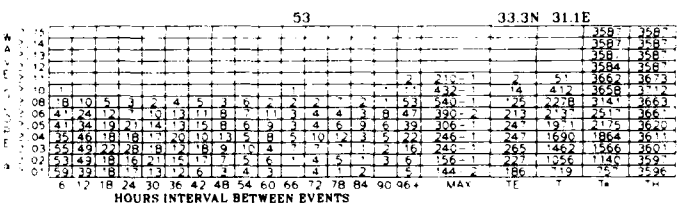
50 34.0N 30.5E



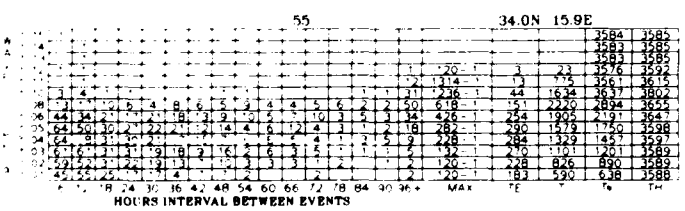
52 33.7N 28.0E



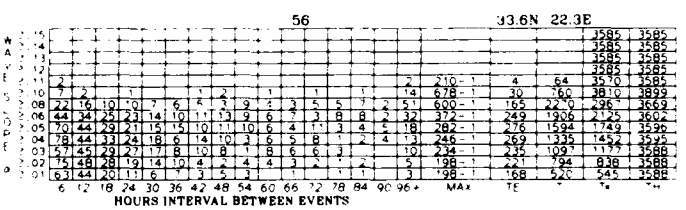
53 33.3N 31.1E



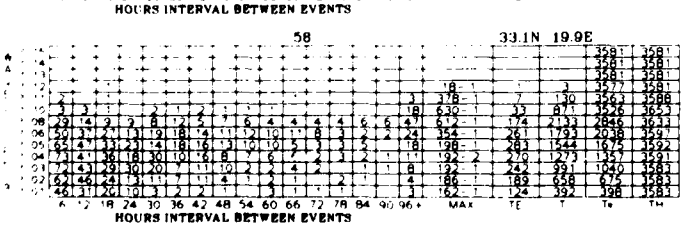
55 34.0N 15.9E



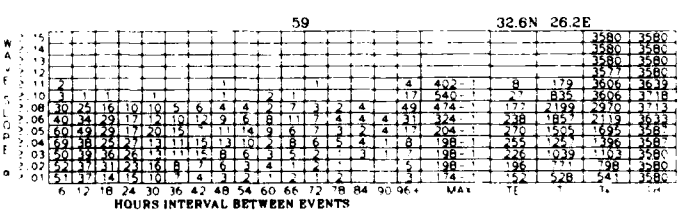
56 33.6N 22.3E



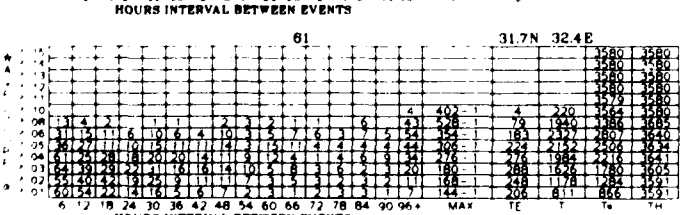
58 33.1N 19.9E



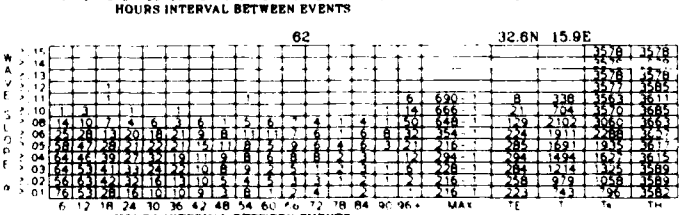
59 32.6N 26.2E



61 31.7N 32.4E

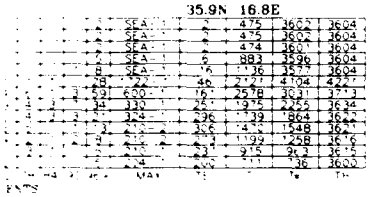


62 32.6N 15.9E

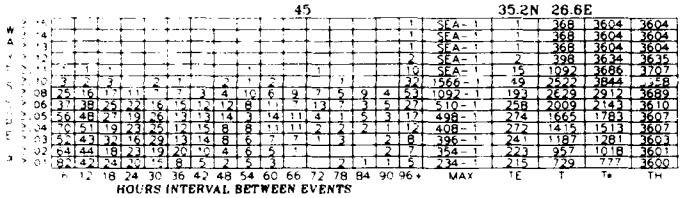


WAVE SLOPE (α) INTERVALS (Cont'd)

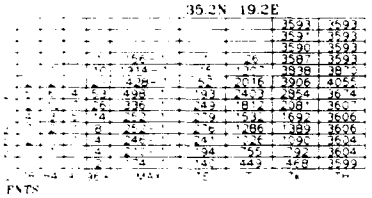
35.9N 16.8E



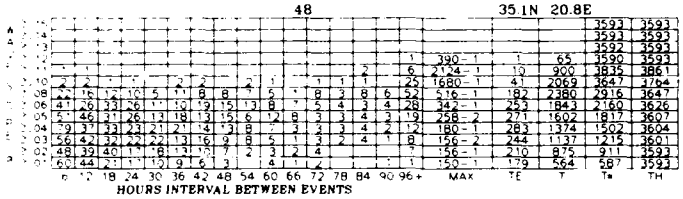
45 — 35.2N 26.6E



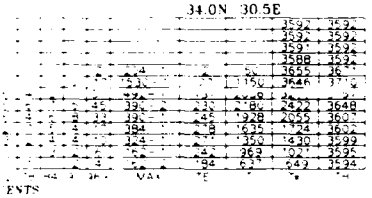
35.2N 19.2E



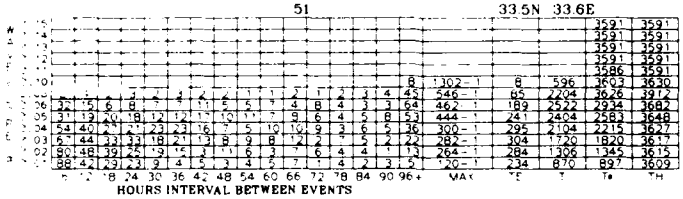
48 — 35.1N 20.8E



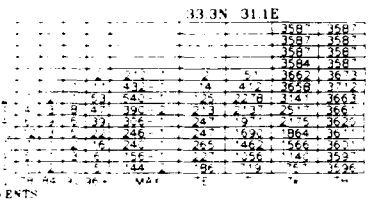
34.0N 30.5E



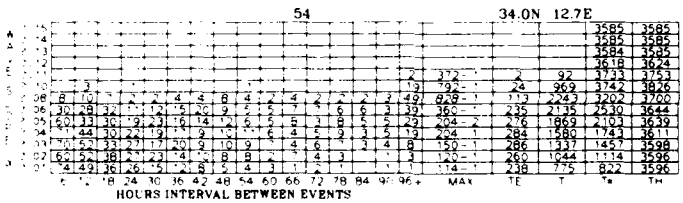
51 — 33.5N 33.6E



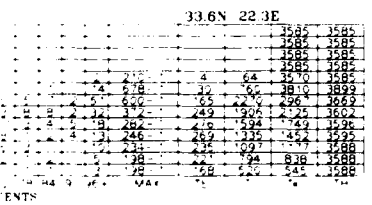
33.3N 31.1E



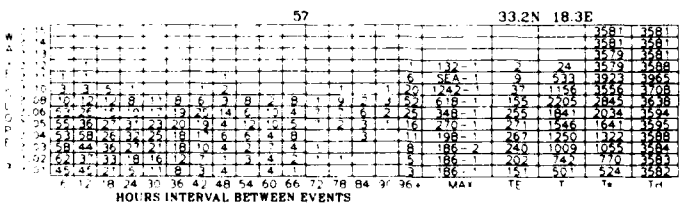
54 — 34.0N 12.7E



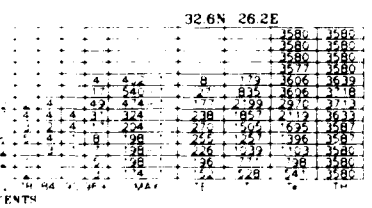
33.6N 22.3E



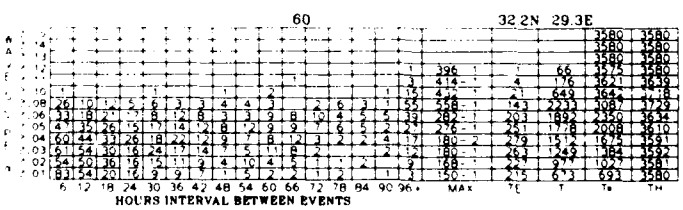
57 — 33.2N 18.3E



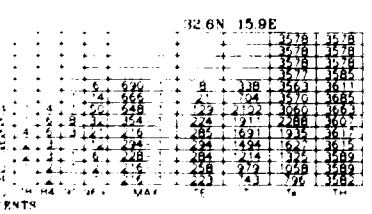
32.6N 26.2E



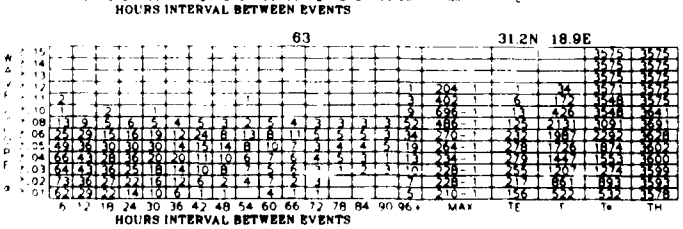
60 — 32.2N 29.3E



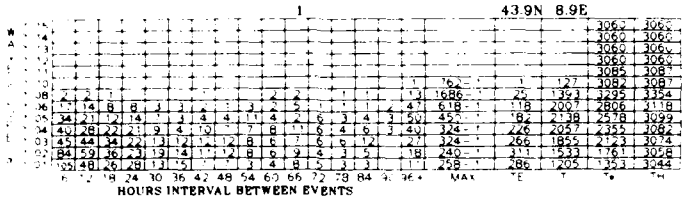
32.6N 15.9E

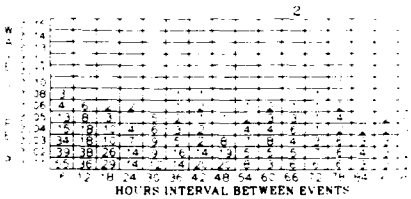


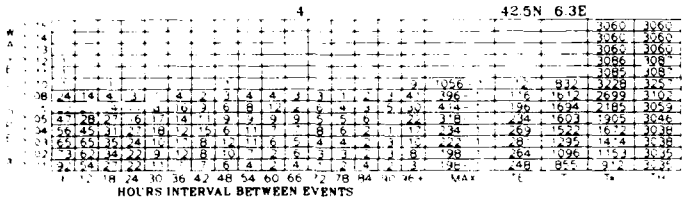
63 — 31.2N 18.9E

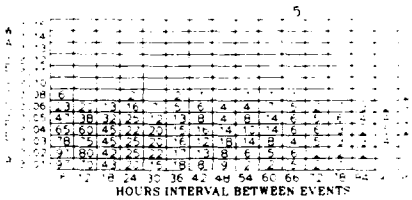


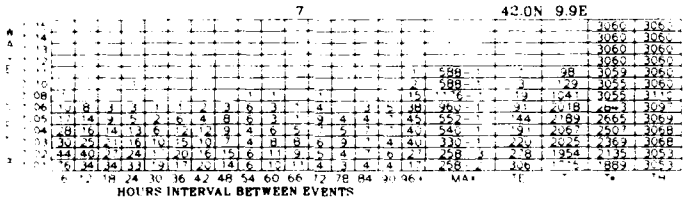
WAVE SLOPE (α) INTERVALS

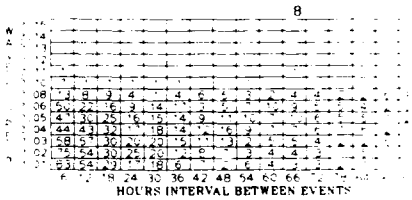


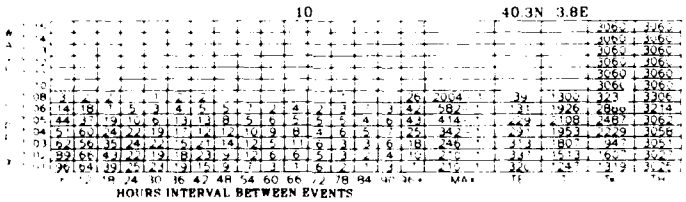


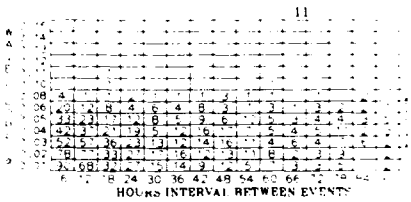


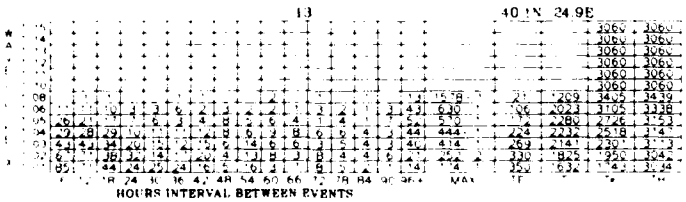


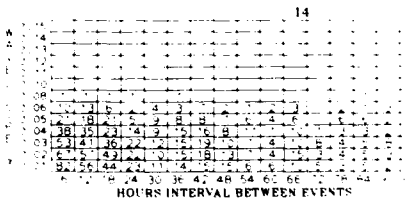


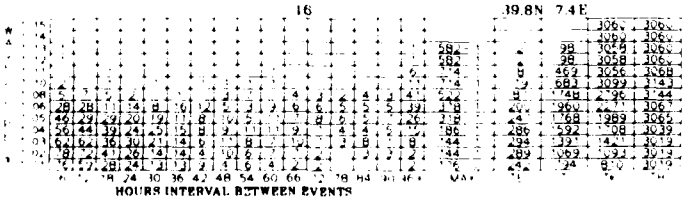


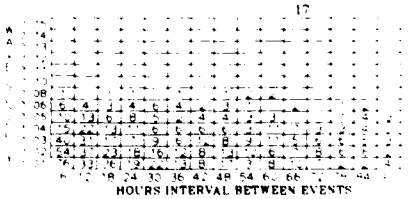


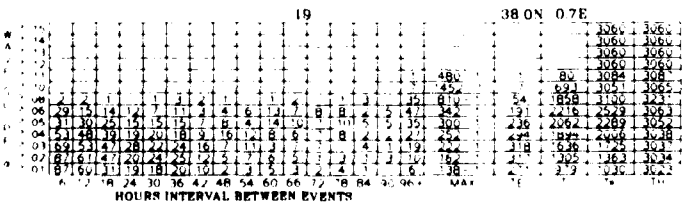


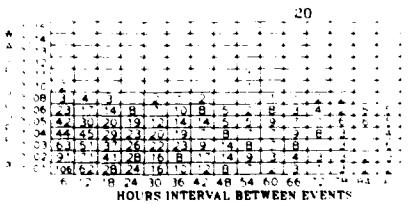


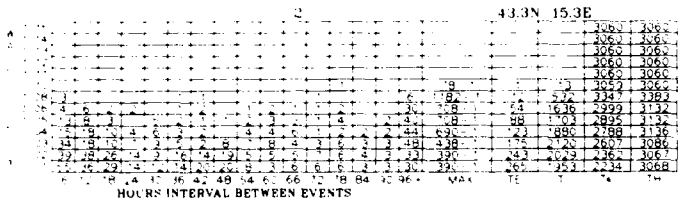


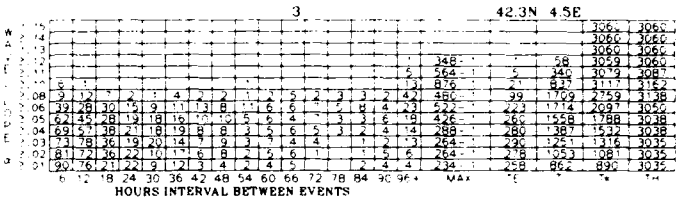









2
43.3N 15.3E
HOURS INTERVAL BETWEEN EVENTS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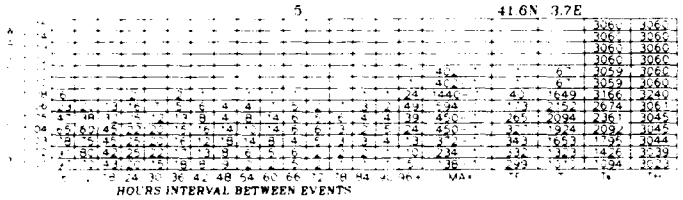
42.3N 4.5E
HOURS INTERVAL BETWEEN EVENTS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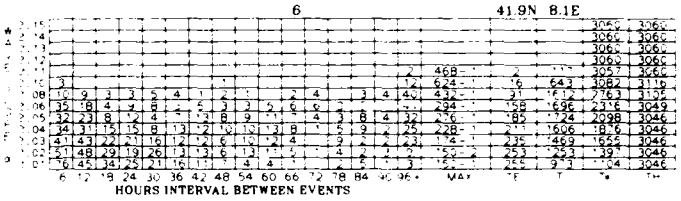
41.6N 3.7E
HOURS INTERVAL BETWEEN EVENTS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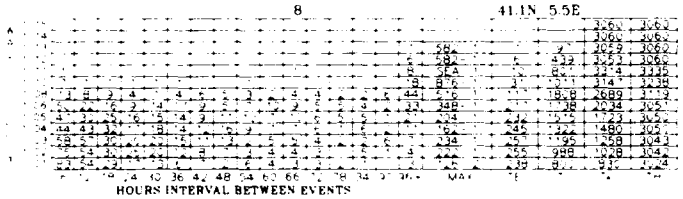
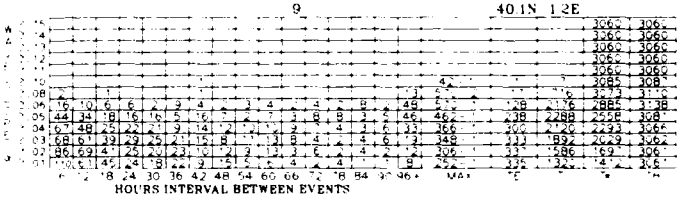
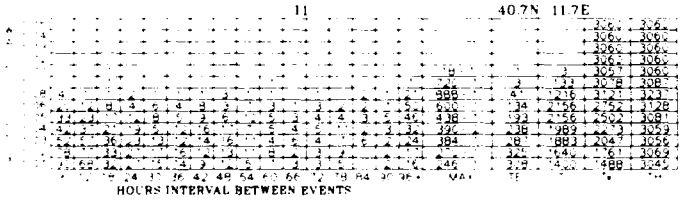
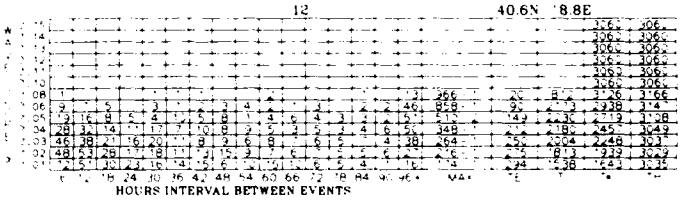
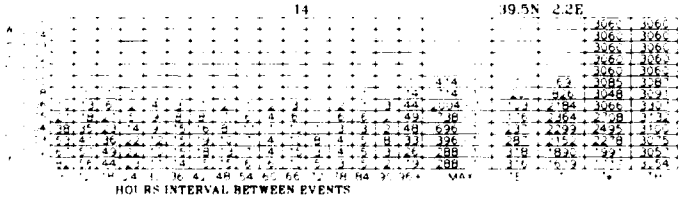
41.9N 8.1E
HOURS INTERVAL BETWEEN EVENTS

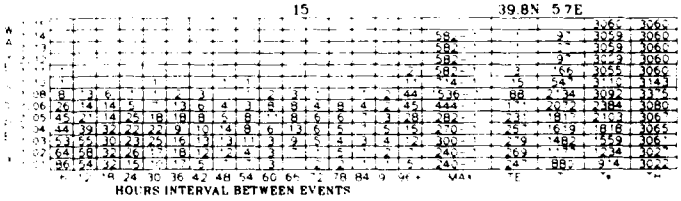

8
41.1N 5.5E
HOURS INTERVAL BETWEEN EVENTS

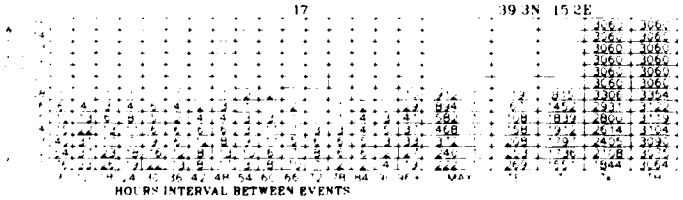

9
40.1N 1.2E
HOURS INTERVAL BETWEEN EVENTS

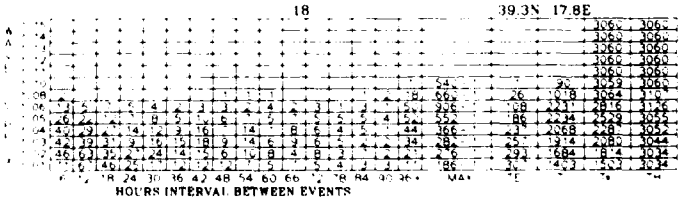

11
40.7N 11.7E
HOURS INTERVAL BETWEEN EVENTS

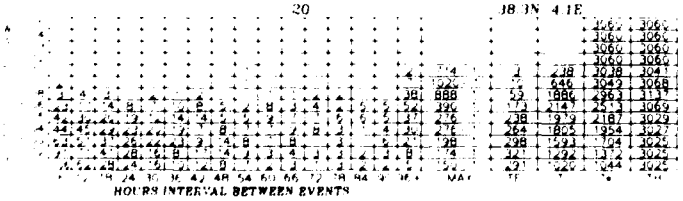

12
40.6N 8.8E
HOURS INTERVAL BETWEEN EVENTS

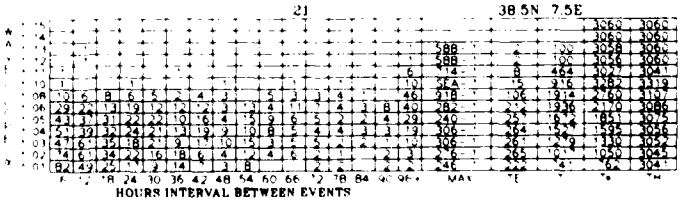

14
39.5N 2.2E
HOURS INTERVAL BETWEEN EVENTS


15
39.8N 5.7E
HOURS INTERVAL BETWEEN EVENTS


17
39.3N 15.2E
HOURS INTERVAL BETWEEN EVENTS

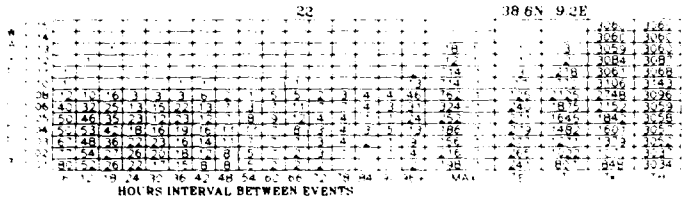

18
39.3N 17.8E
HOURS INTERVAL BETWEEN EVENTS

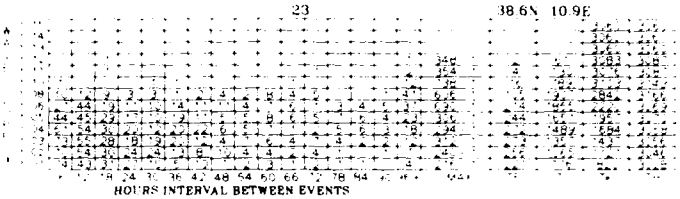

20
38.3N 4.1E
HOURS INTERVAL BETWEEN EVENTS

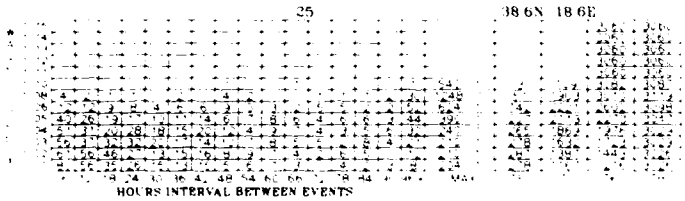

21
38.5N 7.5E
HOURS INTERVAL BETWEEN EVENTS

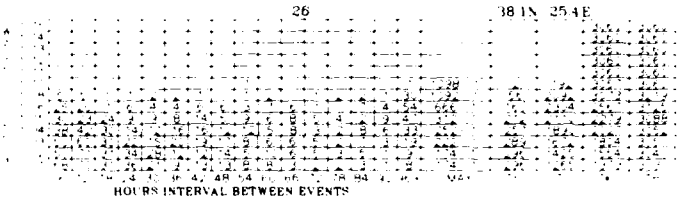
SPRING

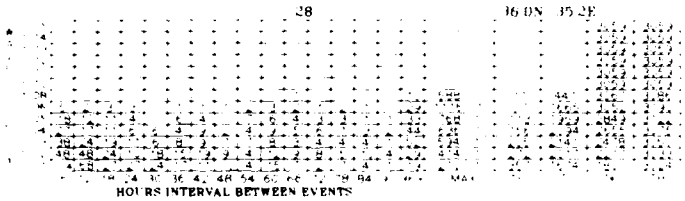
WAVE SLOPE (α) IN

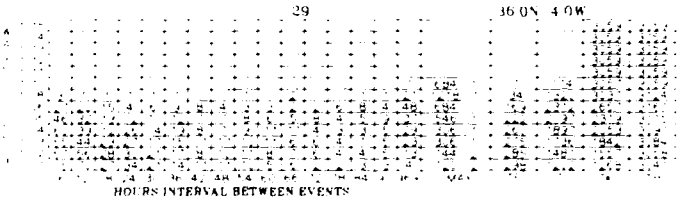


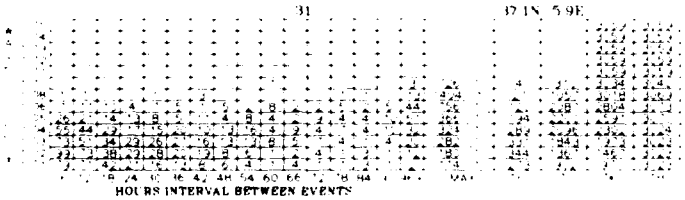


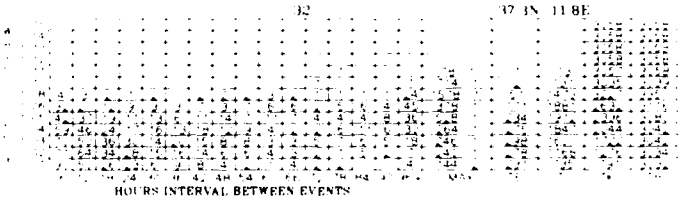


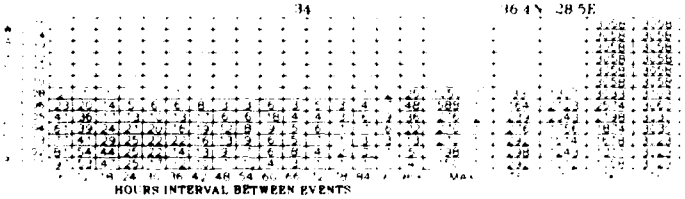


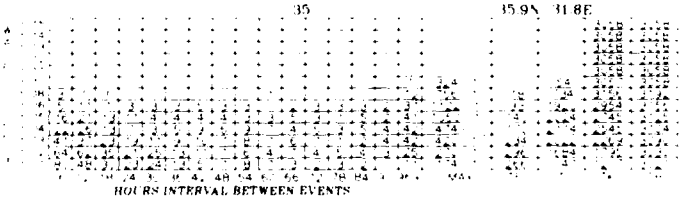


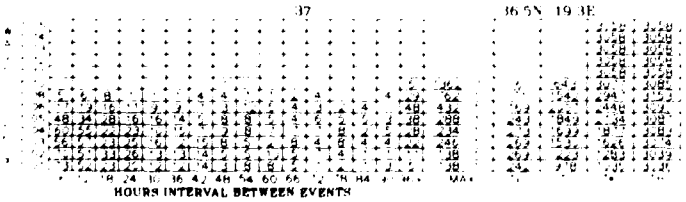


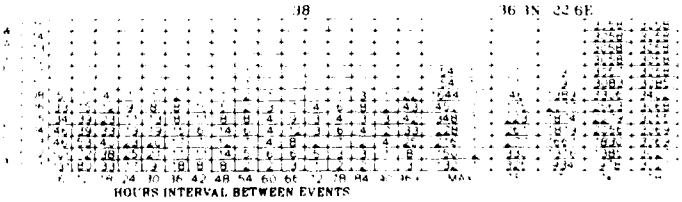


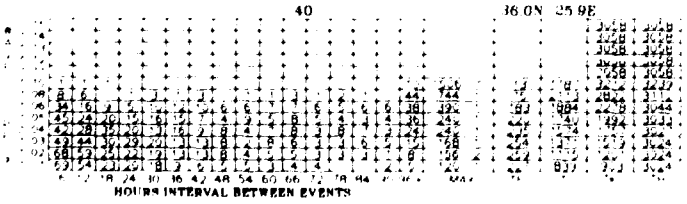


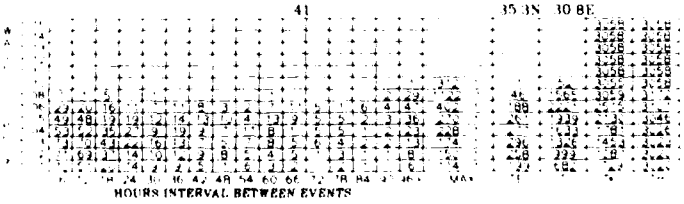




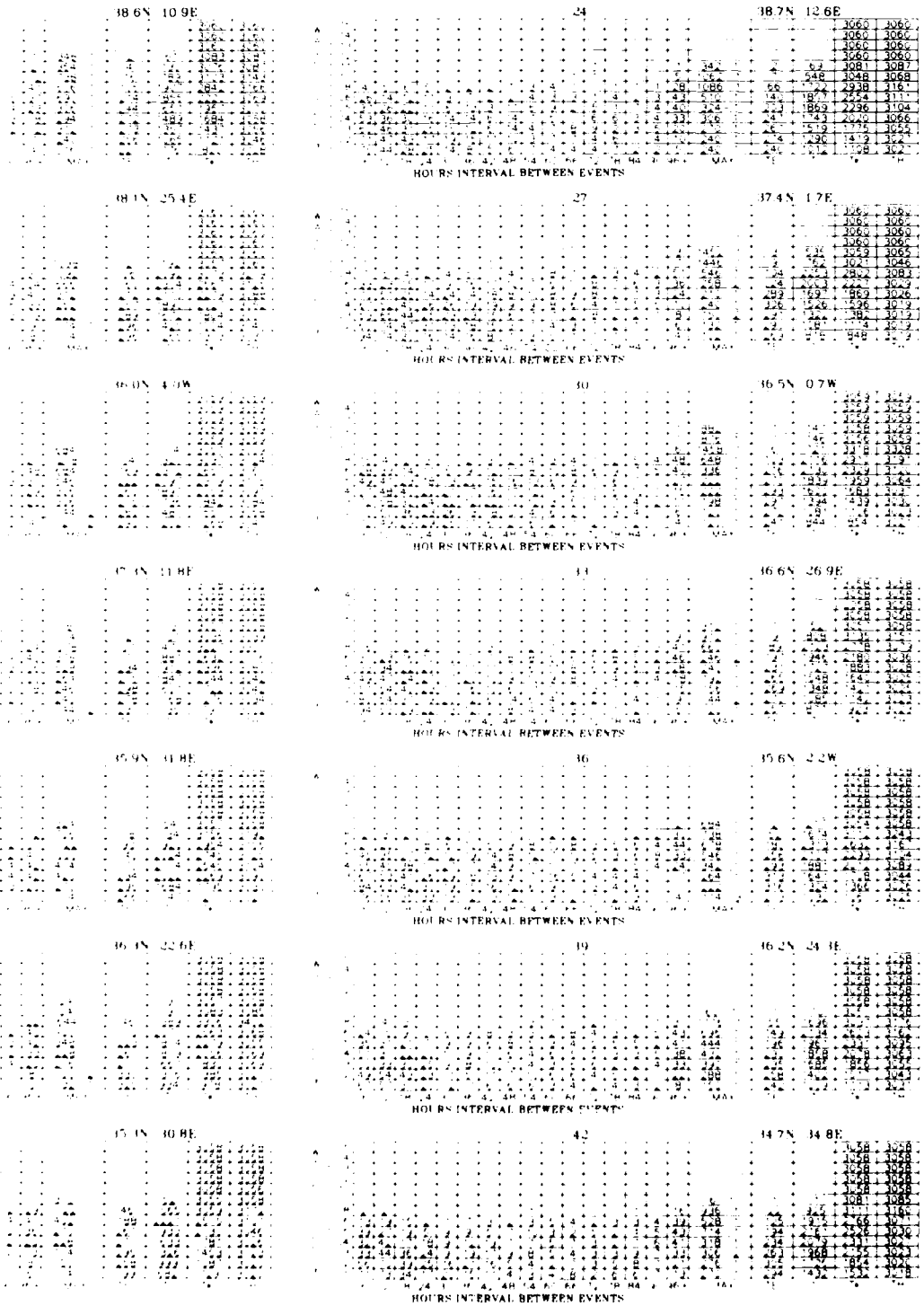




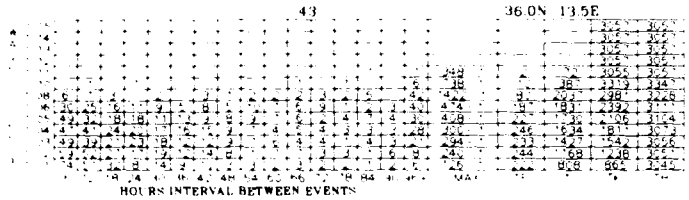


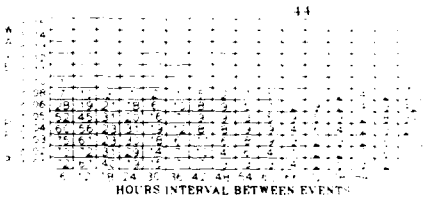


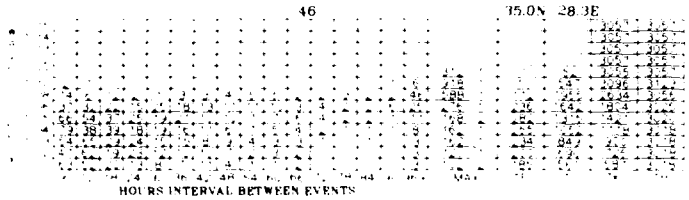
VAVE SLOPE (α) INTERVALS (Cont'd)

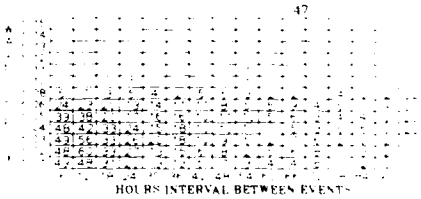


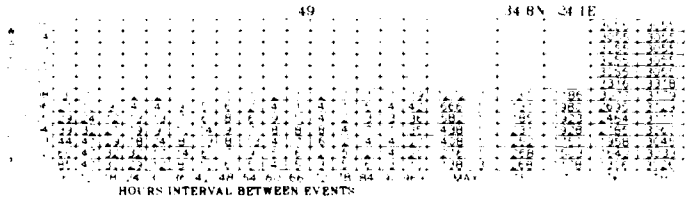
WAVE SLOPE (α) INTERVALS (Cont'd)

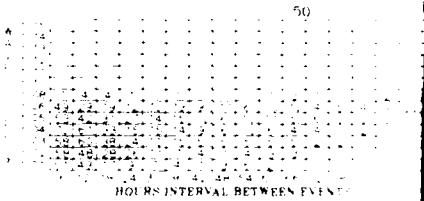


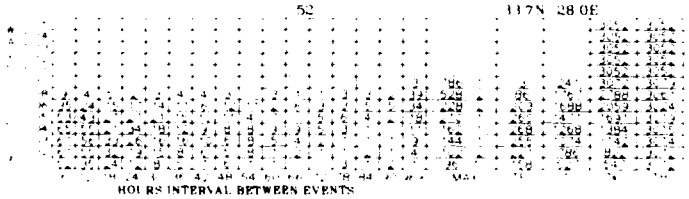


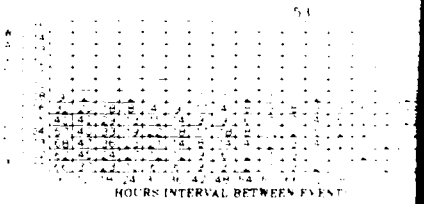


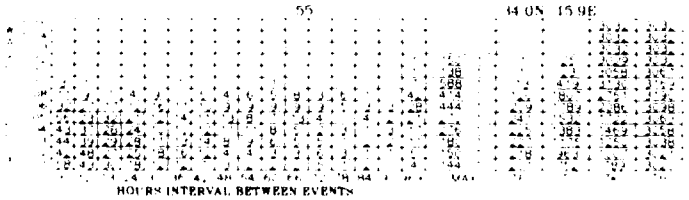


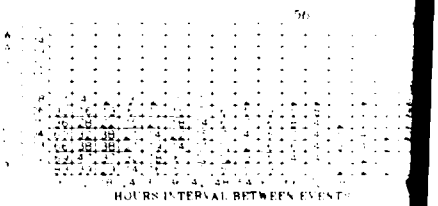


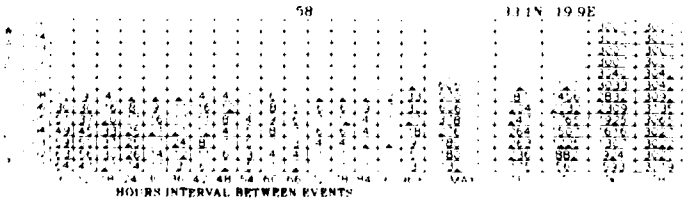


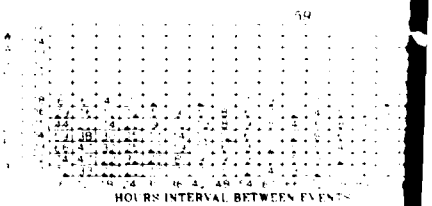


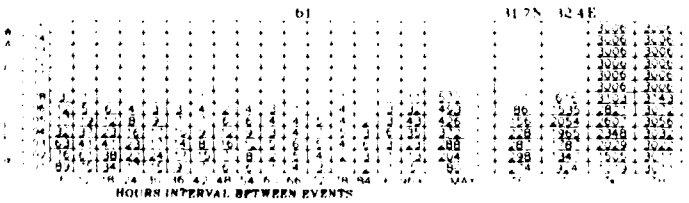


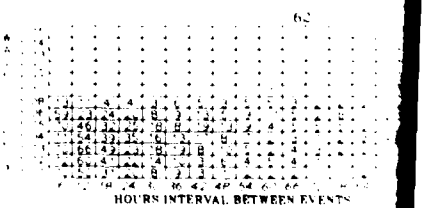


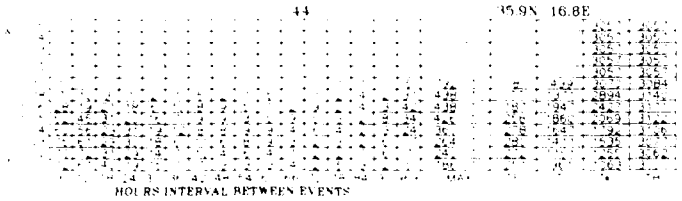


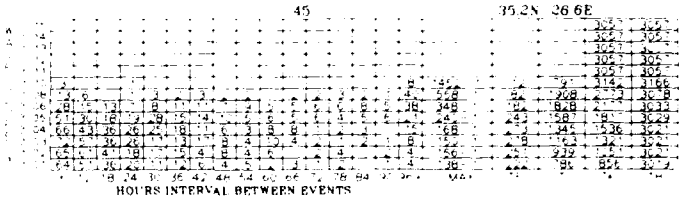


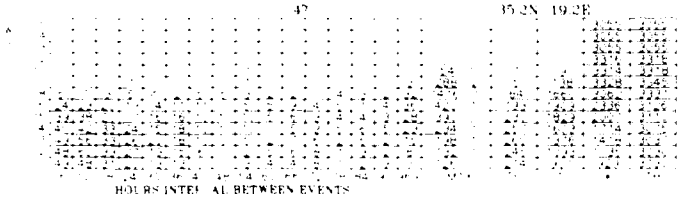


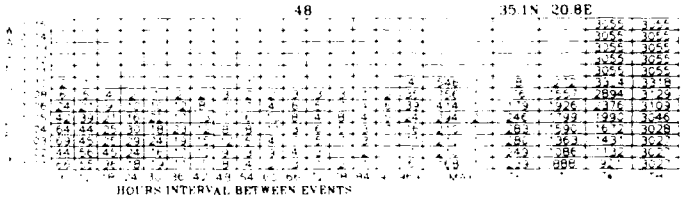


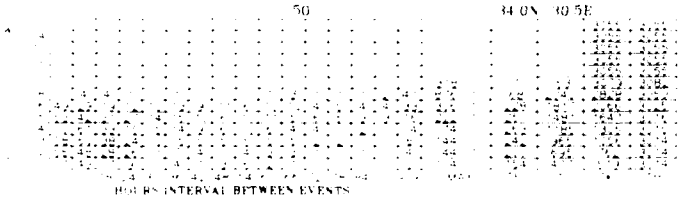


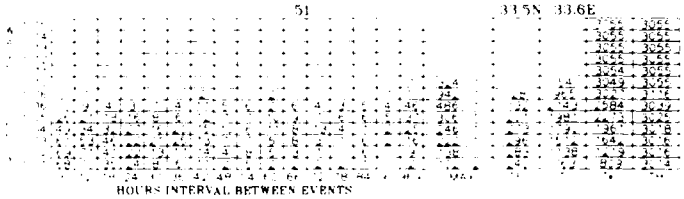

44
35.9N 16.8E
HOURS INTERVAL BETWEEN EVENTS

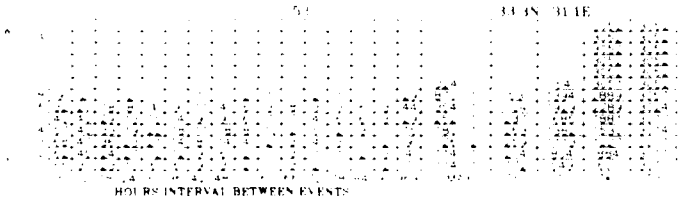

45
35.2N 26.6E
HOURS INTERVAL BETWEEN EVENTS

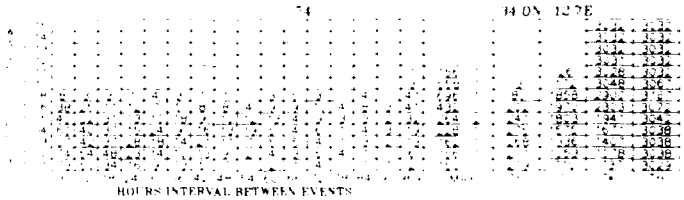

47
35.2N 19.2E
HOURS INTERVAL BETWEEN EVENTS

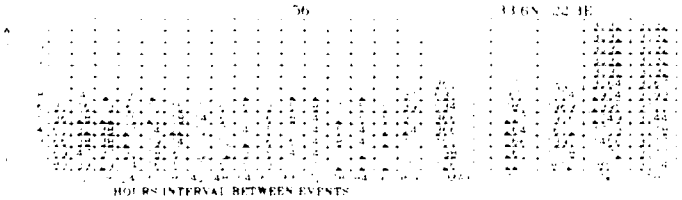

48
35.1N 20.8E
HOURS INTERVAL BETWEEN EVENTS

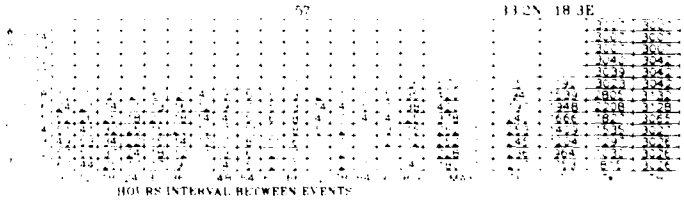

50
34.0N 40.5E
HOURS INTERVAL BETWEEN EVENTS

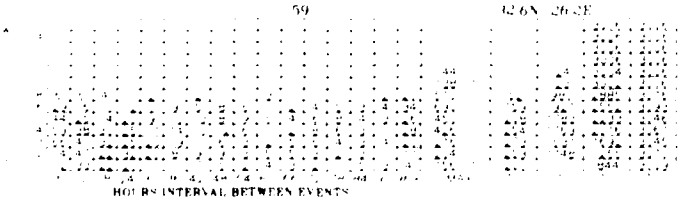

51
33.5N 33.6E
HOURS INTERVAL BETWEEN EVENTS


53
33.4N 31.1E
HOURS INTERVAL BETWEEN EVENTS


54
34.0N 12.7E
HOURS INTERVAL BETWEEN EVENTS


56
33.6N 22.3E
HOURS INTERVAL BETWEEN EVENTS


57
33.2N 18.3E
HOURS INTERVAL BETWEEN EVENTS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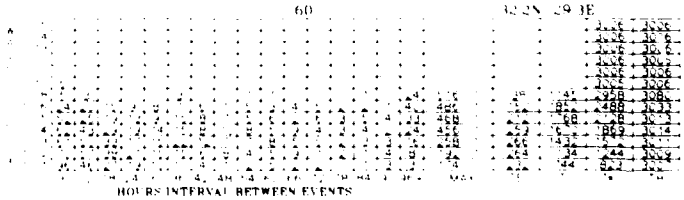
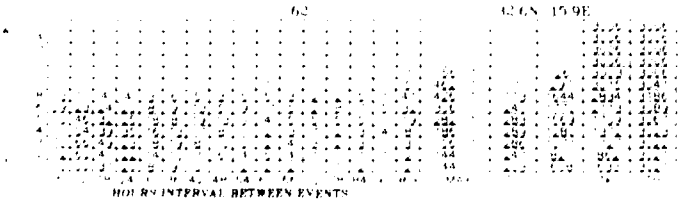
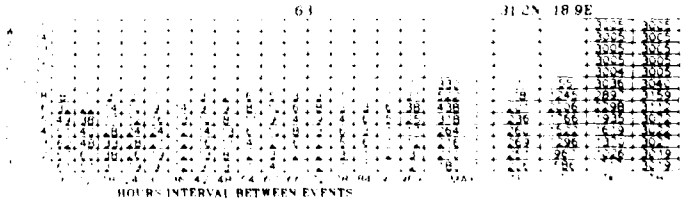
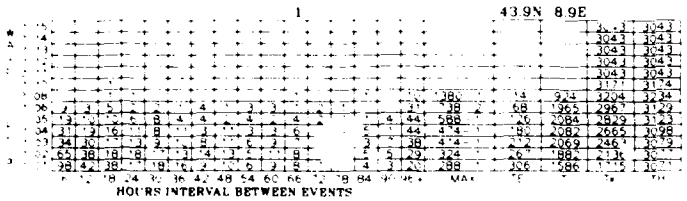
32.6N 26.2E
HOURS INTERVAL BETWEEN EVENTS


60
32.2N 29.3E
HOURS INTERVAL BETWEEN EVENTS

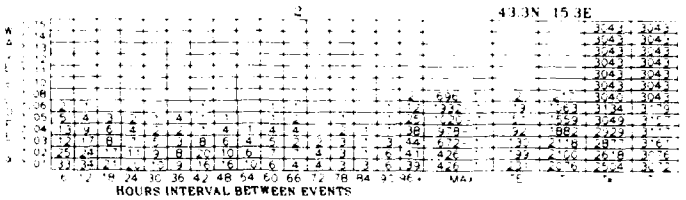

62
32.6N 15.9E
HOURS INTERVAL BETWEEN EVENTS


63
31.2N 18.9E
HOURS INTERVAL BETWEEN EVENTS

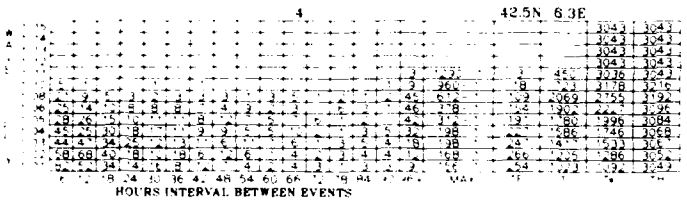
1 43.9N 8.9E



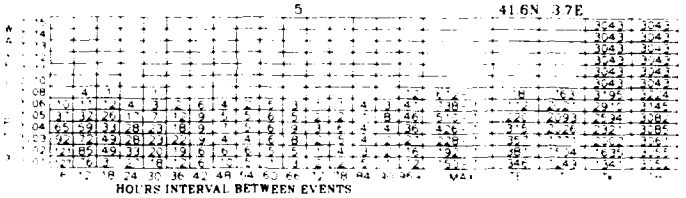
2 43.3N 15.3E



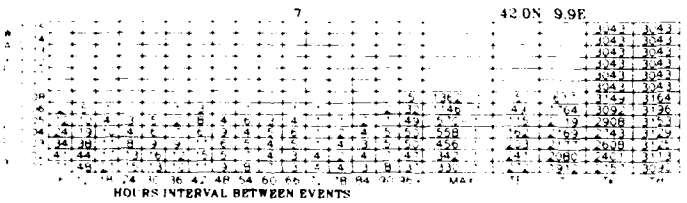
4 42.5N 6.3E



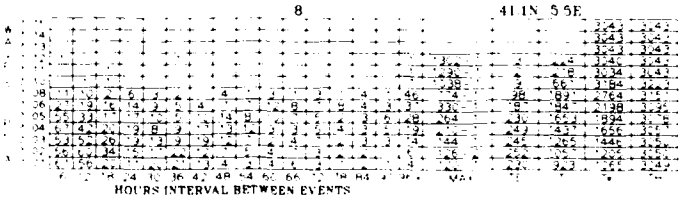
5 41.6N 3.7E



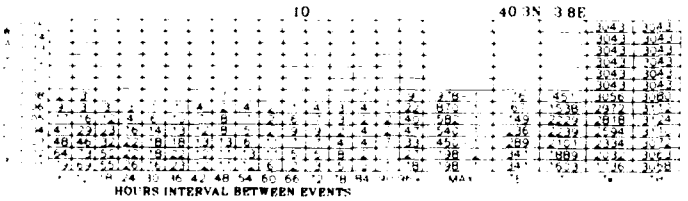
7 42.0N 9.9E



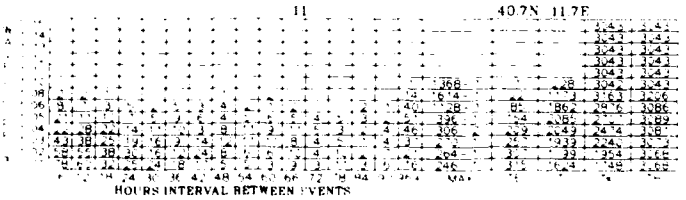
8 41.1N 5.5E



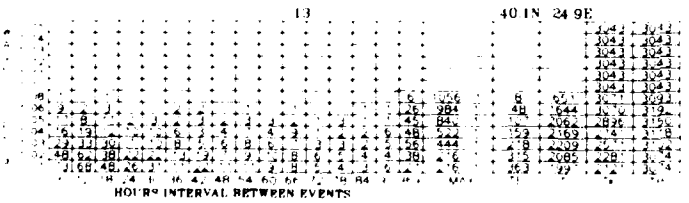
10 40.3N 3.8E



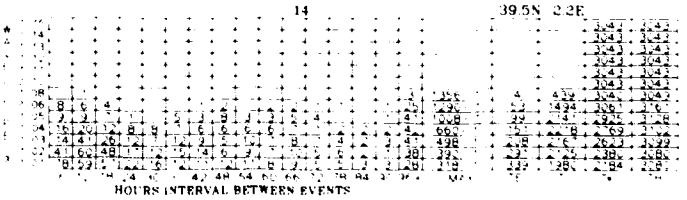
11 40.7N 11.7E



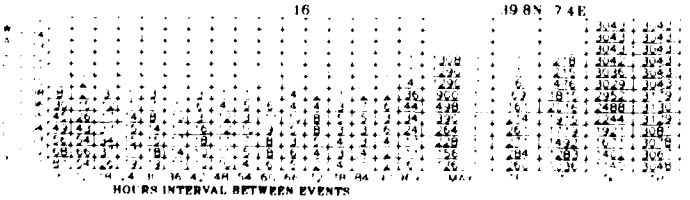
13 40.1N 24.9E



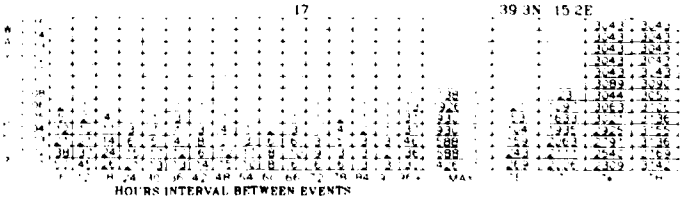
14 39.5N 2.2E



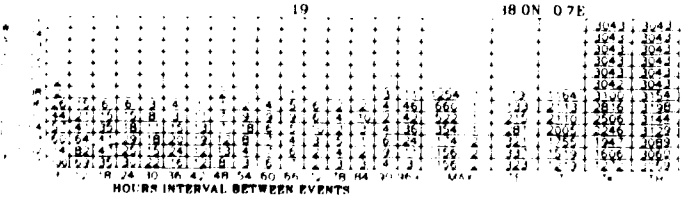
16 39.8N 7.4E



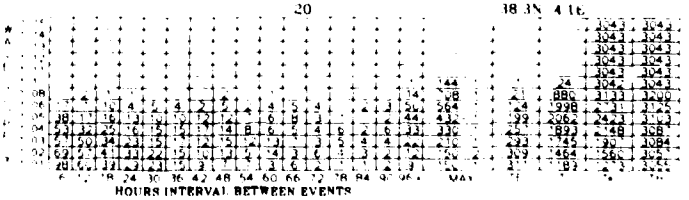
17 39.3N 15.2E



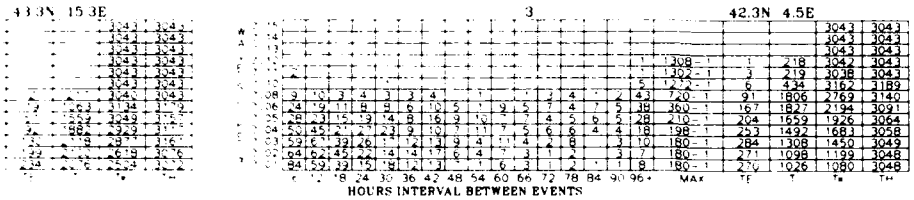
19 38.0N 0.7E

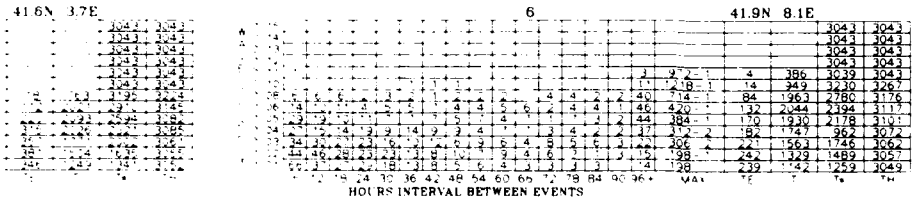


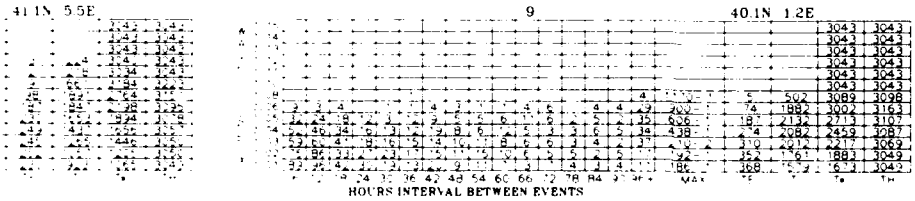
20 38.3N 4.1E

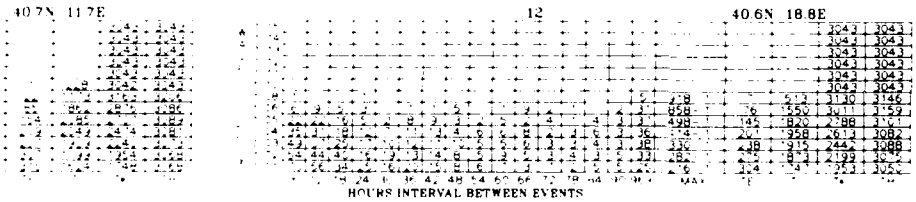


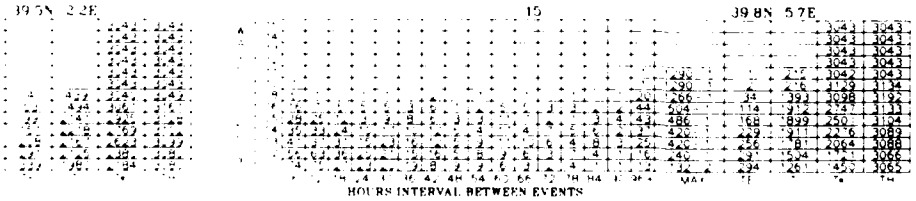
WAVE SLOPE (α) INTERVALS

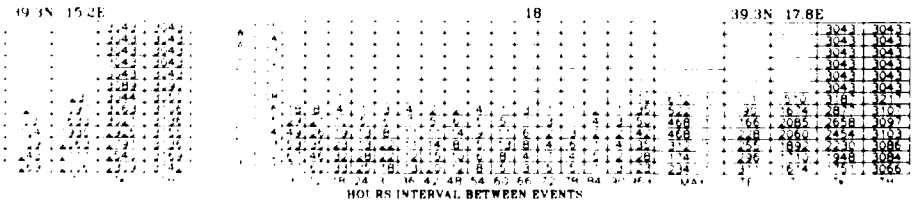


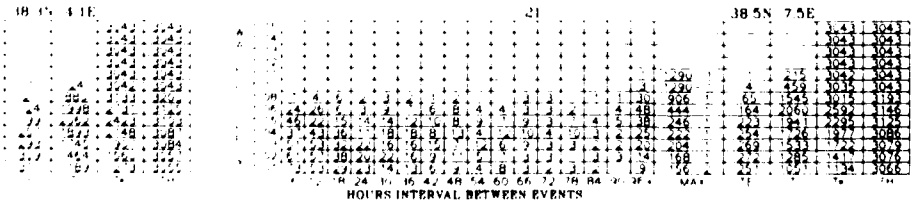






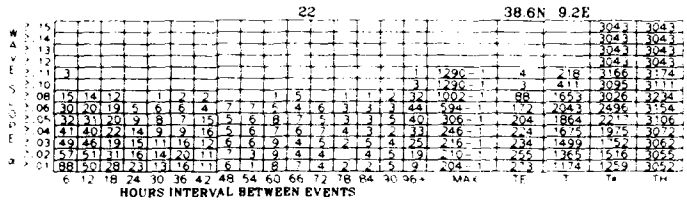




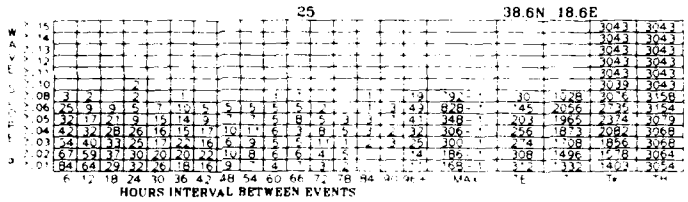


WAVE SLOPE (α) INTERVALS (Cont'd)

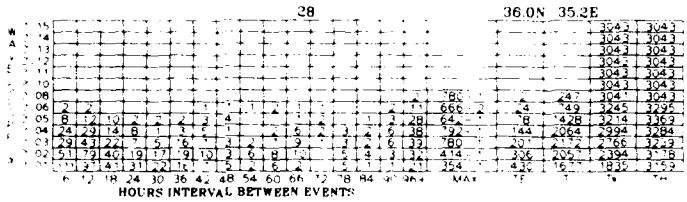
22 38.6N 9.2E



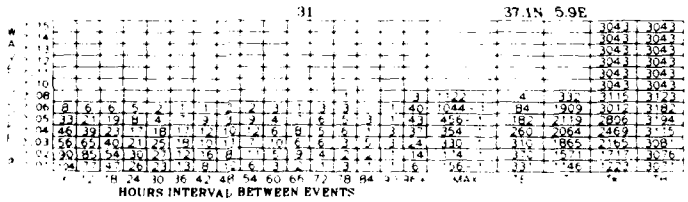
25 38.6N 18.6E



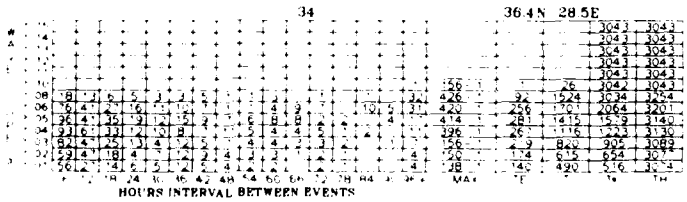
28 36.0N 35.2E



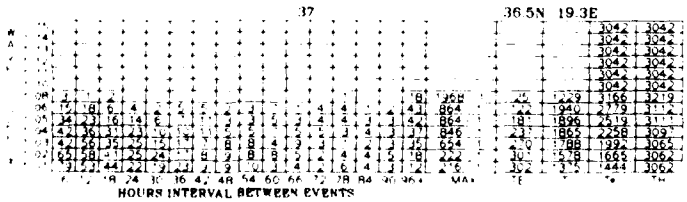
31 37.1N 5.9E



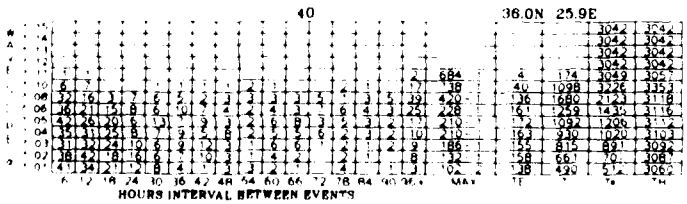
34 36.4N 28.5E



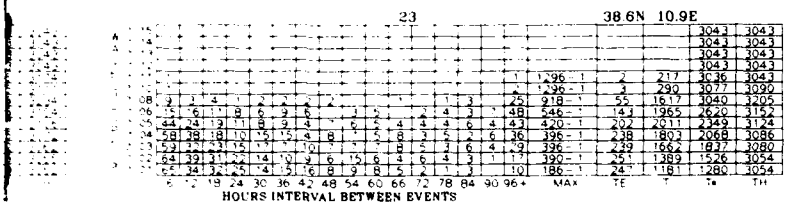
37 36.5N 19.3E



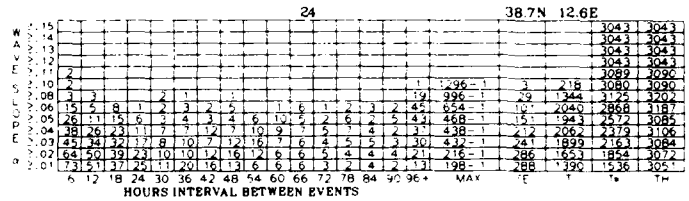
40 36.0N 25.9E



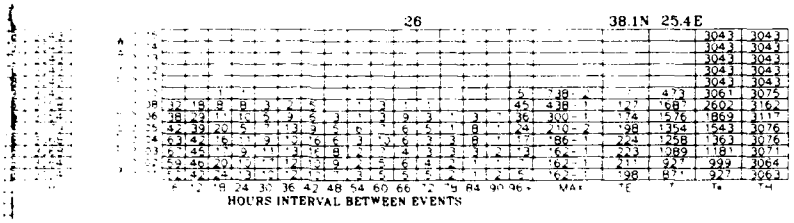
23 38.6N 10.9E



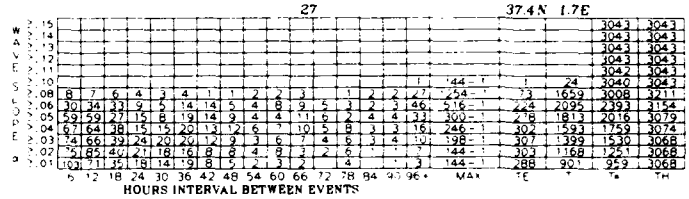
24 38.7N 12.6E



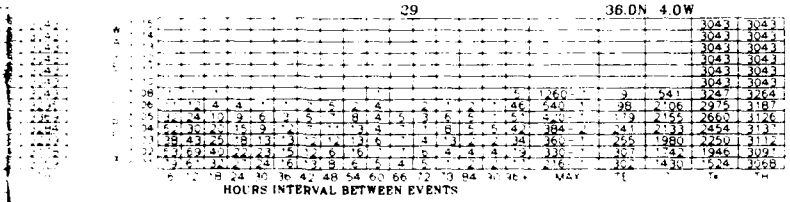
26 38.1N 25.4E



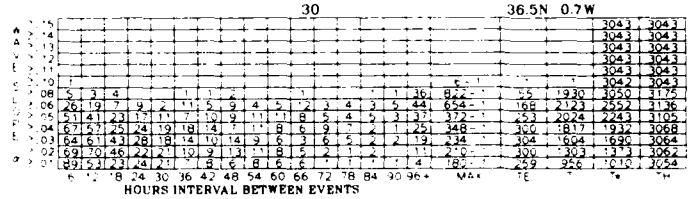
27 37.4N 1.7E



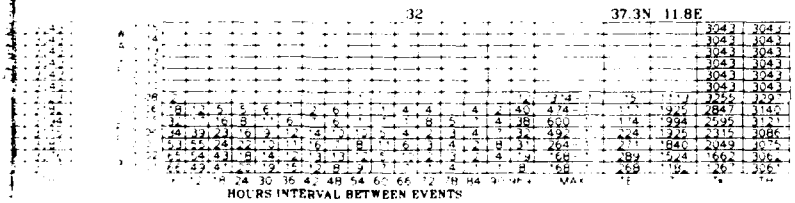
29 36.0N 4.0W



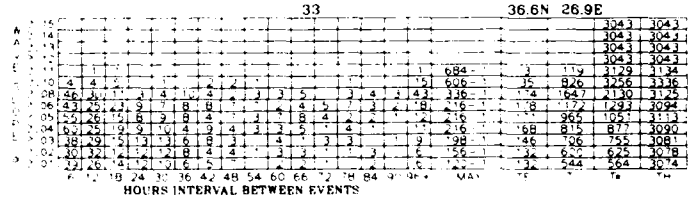
30 36.5N 0.7W



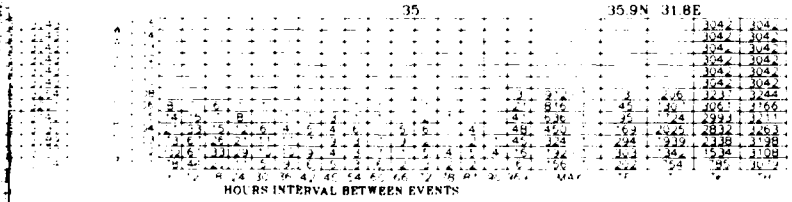
32 37.3N 11.8E



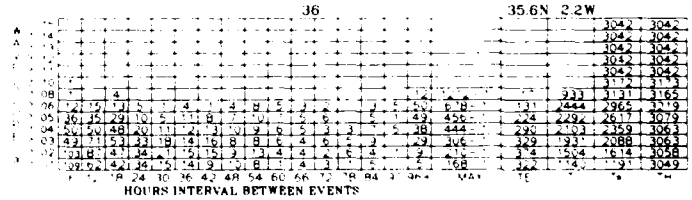
33 36.6N 26.9E



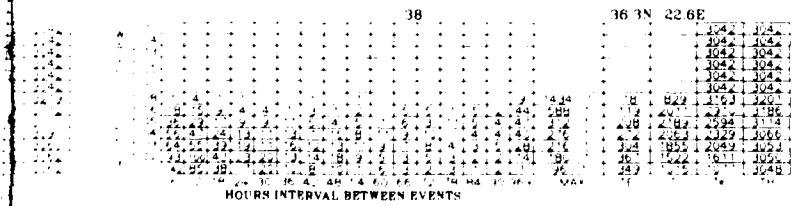
35 35.9N 31.8E



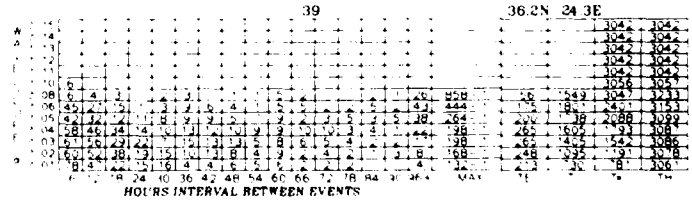
36 35.6N 2.2W



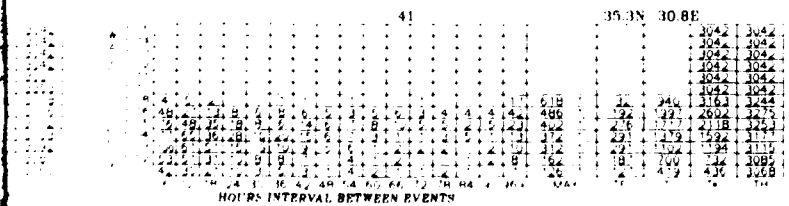
38 36.3N 22.6E



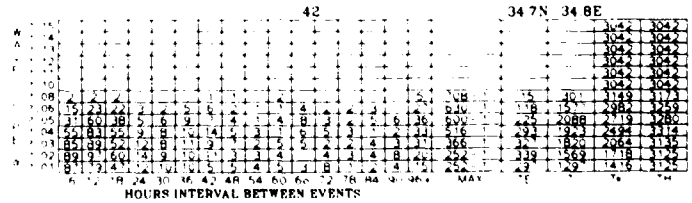
39 36.2N 24.3E



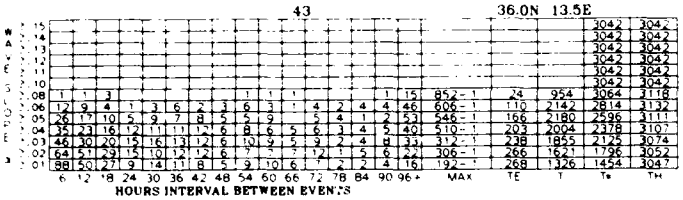
41 35.3N 30.8E



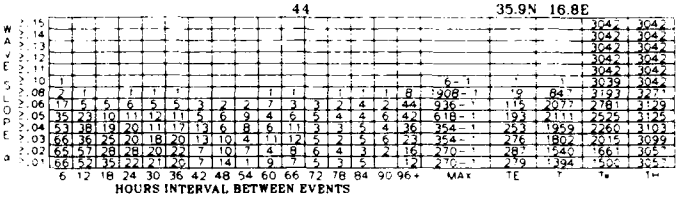
42 34.7N 34.8E



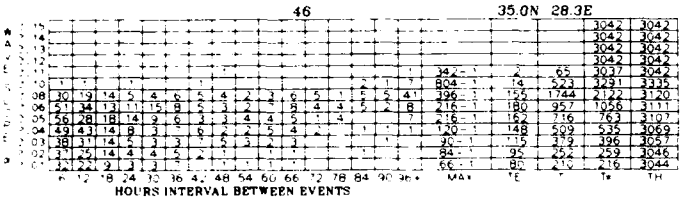
43 36.0N 13.5E



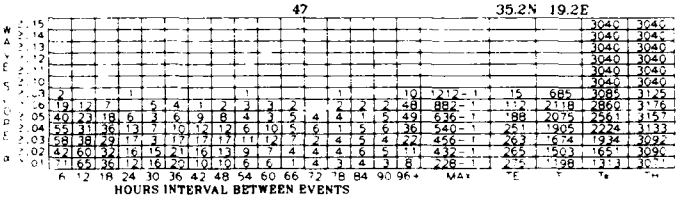
44 35.9N 16.8E



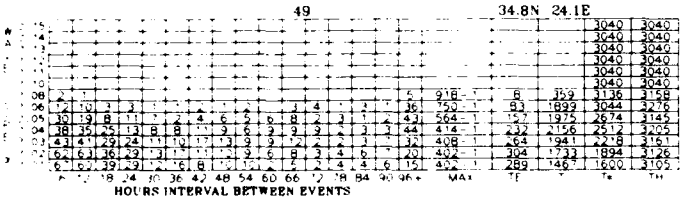
46 35.0N 28.3E



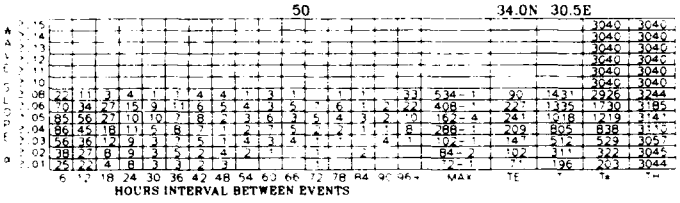
47 35.2N 19.2E



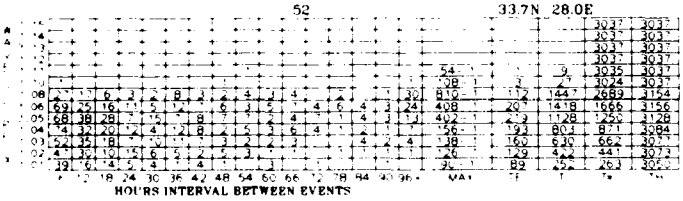
49 34.8N 24.1E



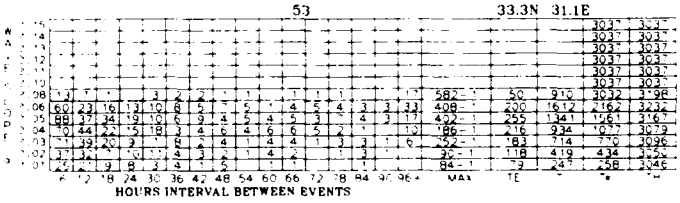
50 34.0N 30.5E



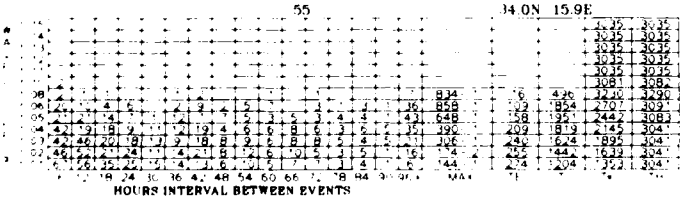
52 33.7N 28.0E



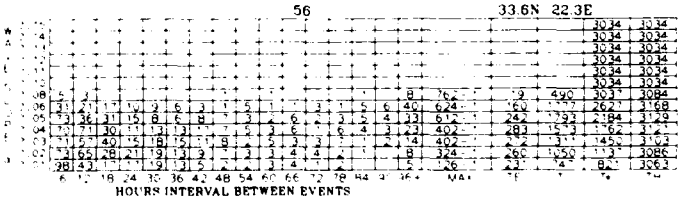
53 33.3N 31.1E



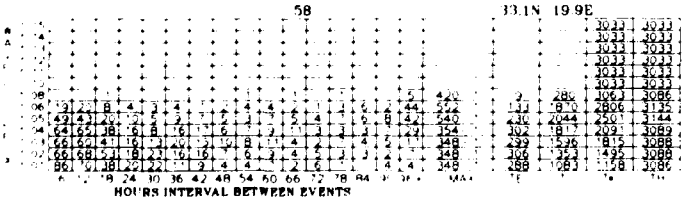
55 34.0N 15.9E



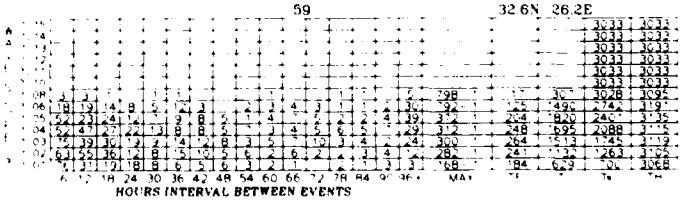
56 33.6N 22.3E



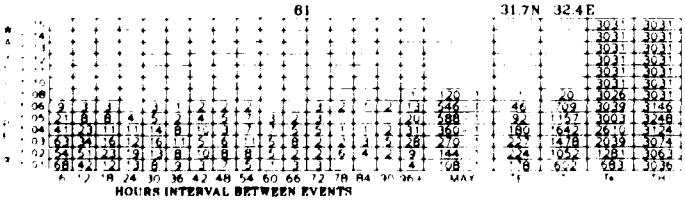
58 33.1N 19.9E



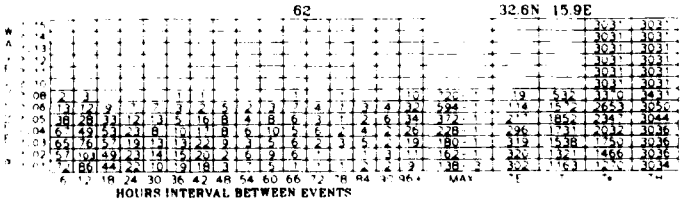
59 32.6N 26.2E



61 31.7N 32.4E



62 32.6N 15.9E



/AVE SLOPE (α) INTERVALS (Cont'd)

35.9N 16.8E

WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3042	3042
≥.14				3042	3042
≥.13				3042	3042
≥.12				3042	3042
≥.11				3042	3042
≥.10	[illegible]	1	1	3039	3042
≥.08	[illegible]	19	847	3193	3271
≥.06	936	[illegible]	2077	2781	3129
≥.05	618-1	193	2111	2525	3125
≥.04	354-1	253	1959	2260	3103
≥.03	354-1	276	1802	2015	3099
≥.02	[illegible]	[illegible]	1540	1661	3057
≥.01	[illegible]	279	1394	1500	3057

45 — 35.2N 26.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3042	3042
≥.14																				3042	3042
≥.13																				3042	3042
≥.12																				3042	3042
≥.11									1							1	342-1	2	66	3037	3042
≥.10	4	2			1		1		1			1		1		15	768-1	26	922	3082	3150
≥.08	54	10	9	5	2	7	1	2		4	4		4	2	2	44	414-2	150	1712	2203	3125
≥.06	37	24	13	9	10	15	5	4	2	5	1	10	10	3	1	19	228-1	168	1217	1364	3117
≥.05	39	27	23	8	14	4	9	5	3	7	4	7	4	2	2	10	228-1	168	973	1064	3090
≥.04	52	30	14	5	14	8	5	7	6	7	5	2	2			6	228-1	163	765	832	3081
≥.03	51	27	11	11	11	8	9	2	4	4	3	1	2	1		5	192-1	150	642	684	3081
≥.02	26	21	15	9	8	6	5	4	6	2	2	1		1		5	138-2	111	516	548	3070
≥.01	23	22	15	9	6	4	5	6	4	2	1	1				4	138-1	102	441	459	3062

HOURS INTERVAL BETWEEN EVENTS

35.2N 19.2E

WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3040	3040
≥.14				3040	3040
≥.13				3040	3040
≥.12				3040	3040
≥.11				3040	3040
≥.10				3040	3040
≥.08	[illegible]	15	685	3085	3125
≥.06	[illegible]	[illegible]	2118	2860	3176
≥.05	[illegible]	188	2075	2561	3157
≥.04	[illegible]	251	1905	2224	3133
≥.03	456-1	263	1674	1934	3092
≥.02	[illegible]	265	1503	1651	3090
≥.01	[illegible]	[illegible]	1198	1313	[illegible]

48 — 35.1N 20.8E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3040	3040
≥.14																				3040	3040
≥.13																				3040	3040
≥.12																				3040	3040
≥.11																				3040	3040
≥.10																				3040	3040
≥.08	3	1												1		11	912-1	16	637	3050	3107
≥.06	15	15	9	7	2	3	5	4	4	2	4	2	3	2	2	45	636-1	124	1955	2773	3155
≥.05	39	25	15	11	6	5	7	7	8	4	5	3	8	8	4	37	582-1	192	1912	2455	3153
≥.04	53	50	20	13	8	11	3	12	7	15	12	5	10	5	3	31	582-1	258	1918	2152	3153
≥.03	56	57	32	14	14	11	5	15	8	22	10	4	2	2	2	24	396-1	278	1712	1860	3135
≥.02	41	66	32	21	15	13	9	13	10	7	5	1	4	3	4	16	174-1	260	1379	1491	3062
≥.01	60	60	35	22	15	9	13	12	10	3	4	2	3	3	3	9	174-1	263	1193	1287	3058

HOURS INTERVAL BETWEEN EVENTS

34.0N 30.5E

WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3040	3040
≥.14				3040	3040
≥.13				3040	3040
≥.12				3040	3040
≥.11				3040	3040
≥.10				3040	3040
≥.08	[illegible]	32	1431	2926	3244
≥.06	[illegible]	[illegible]	1326	1730	3185
≥.05	[illegible]	241	1218	[illegible]	3141
≥.04	[illegible]	[illegible]	805	838	[illegible]
≥.03	[illegible]	147	512	529	3057
≥.02	[illegible]	[illegible]	311	322	3045
≥.01	[illegible]	[illegible]	296	[illegible]	3044

51 — 33.5N 33.6E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3040	3040
≥.14																				3040	3040
≥.13																				3040	3040
≥.12																				3040	3040
≥.11																				3040	3040
≥.10																				3040	3040
≥.08	2	1					1		2	1						6	354-1	13	251	3011	3040
≥.06	28	15	14	3	1	5	3	3	3	5	2		5	4	2	25	510-1	118	1444	2860	3307
≥.05	53	39	22	6	3	4	10	4	9	5	5	4	5	3	2	36	492-1	210	1915	2448	3262
≥.04	74	38	34	14	6	5	10	8	8	2	10	1	2	3	4	32	372-1	251	1669	1997	3193
≥.03	74	49	32	17	11	8	12	11	2	6	5	4	3	2	1	18	360-1	255	1340	1582	3158
≥.02	82	47	33	19	9	9	7	7	3	5		3	4		1	10	198-1	239	950	1033	3059
≥.01	64	37	25	15	8	5	5	3	3	4	3	1			1	2	108-1	176	563	592	3056

HOURS INTERVAL BETWEEN EVENTS

33.3N 31.1E

WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3037	3037
≥.14				3037	3037
≥.13				3037	3037
≥.12				3037	3037
≥.11				3037	3037
≥.10				3037	3037
≥.08	[illegible]	[illegible]	[illegible]	3032	3198
≥.06	[illegible]	[illegible]	1612	[illegible]	3232
≥.05	[illegible]	255	1341	1561	3167
≥.04	[illegible]	[illegible]	934	[illegible]	3079
≥.03	[illegible]	[illegible]	714	[illegible]	3096
≥.02	[illegible]	[illegible]	[illegible]	434	3050
≥.01	[illegible]	[illegible]	[illegible]	258	3046

54 — 34.0N 12.7E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3037	3037
≥.14																				3037	3037
≥.13																				3037	3037
≥.12																				3037	3037
≥.11																				3037	3037
≥.10																				3037	3037
≥.08	2							2	1			1	1			10	1104-1	17	637	3233	3273
≥.06	15	16	8	5	1	2	4	6		1	1	4	1	3	3	35	570-1	105	1803	2901	3228
≥.05	35	17	9	3	3	9	8	2	4	6	7	2	3	6		48	486-1	162	2044	2532	3126
≥.04	41	22	17	12	9	5	9	5	9	10	13	6	4	6	3	40	300-1	211	1996	2223	3064
≥.03	53	32	27	17	5	10	13	15	6	7	6	5	5	7	3	32	264-1	243	1798	1981	3061
≥.02	63	41	36	15	12	14	11	8	6	4	7	4	2	7	3	22	252-1	261	1520	1666	3058
≥.01	89	53	34	17	17	15	10	5	6	4	7	2	3	5	2	12	174-1	281	1224	1295	3040

HOURS INTERVAL BETWEEN EVENTS

33.6N 22.3E

WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3034	3034
≥.14				3034	3034
≥.13				3034	3034
≥.12				3034	3034
≥.11				3034	3034
≥.10				3034	3034
≥.08	[illegible]	[illegible]	490	[illegible]	3084
≥.06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.05	[illegible]	242	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	3086
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

57 — 33.2N 18.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3033	3033
≥.14																				3033	3033
≥.13																				3033	3033
≥.12																				3033	3033
≥.11																				3033	3033
≥.10																				3033	3033
≥.08							1		1							6	864-1	8	400	3171	3202
≥.06	17	15	17	3	3	5	3	6	2	5	3	3	2	3		36	570-1	116	1763	2809	3141
≥.05	32	20	20	12	6	6	14	5	5	9	5	4	2	3	2	44	540-1	189	2006	2483	3089
≥.04	48	44	33	16	8	11	14	5	15	9	13	5	1	3		34	360-1	259	1845	2173	3077
≥.03	61	56	34	18	11	17	17	6	10	10	7	1	7	3		29	306-1	287	1713	1892	3072
≥.02	51	63	45	20	19	15	14	10	5	7	5	6	3	4	1	17	294-1	291	1482	1604	3069
≥.01	72	57	41	19	19	18	11	5	4	4	5	6	4	2	2	12	174-1	279	1259	1356	3040

HOURS INTERVAL BETWEEN EVENTS

32.6N 26.2E

WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3033	3033
≥.14				3033	3033
≥.13				3033	3033
≥.12				3033	3033
≥.11				3033	3033
≥.10				3033	3033
≥.08	[illegible]	[illegible]	[illegible]	3028	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	2742	[illegible]
≥.05	[illegible]	224	[illegible]	[illegible]	[illegible]
≥.04	[illegible]	248	[illegible]	2088	[illegible]
≥.03	[illegible]	264	[illegible]	[illegible]	[illegible]
≥.02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

60 — 32.2N 29.3E

WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3032	3032
≥.14																				3032	3032
≥.13																				3032	3032
≥.12																				3032	3032
≥.11																				3032	3032
≥.10																				3032	3032
≥.08	3						4				1				1	8	774-1	21	557	3128	3226
≥.06	[illegible]	4	13	10	5	2	8	3	5	1	3	1	1	6	7	30	498-1	160	1609	2499	3175
≥.05	[illegible]	32	24	8	5	3	9	7	4	5	6	4	5	2	3	33	384-1	221	1651	2059	3142
≥.04	72	44	29	14	14	10	7	3	6	5	7	3	3	4	1	25	384-1	247	1426	1687	3119
≥.03	62	54	30	13	10	11	5	6	8	5	4	1	2	3	3	18	378-1	235	1224	1398	3141
≥.02	82	54	22	11	10	8	7	8	4	5	3	2	1	4	1	4	204-1	226	827	902	3046
≥.01	80	30	1	16	9	2	4	7	1	1	1		2	1		1	108-1	162	454	489	3046

HOURS INTERVAL BETWEEN EVENTS

32.6N 15.9E

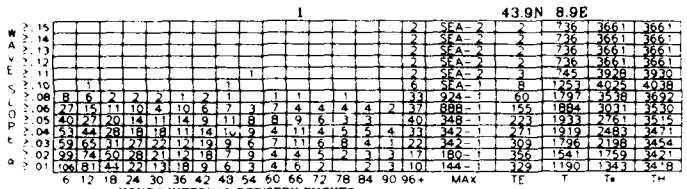
WAVE SLOPE α	MAX	TE	T	Ts	TH
≥.15				3031	3031
≥.14				3031	3031
≥.13				3031	3031
≥.12				3031	3031
≥.11				3031	3031
≥.10				3031	3031
≥.08	[illegible]	[illegible]	532	[illegible]	[illegible]
≥.06	[illegible]	[illegible]	[illegible]	2653	3050
≥.05	[illegible]	[illegible]	1852	2347	3044
≥.04	[illegible]	236	[illegible]	2032	3036
≥.03	[illegible]	[illegible]	1538	1750	3036
≥.02	[illegible]	[illegible]	[illegible]	1466	3036
≥.01	[illegible]	[illegible]	[illegible]	[illegible]	3034

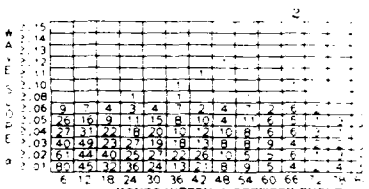
63 — 31.2N 18.9E

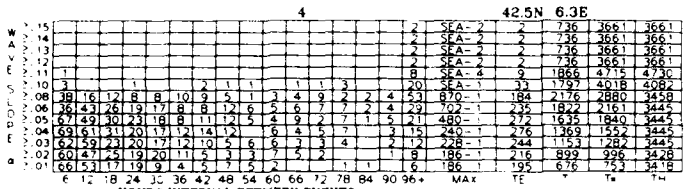
WAVE SLOPE α	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96+	MAX	TE	T	Ts	TH
≥.15																				3028	3028
≥.14																				3028	3028
≥.13																				3028	3028
≥.12																				3028	3028
≥.11																				3028	3028
≥.10																				3028	3028
≥.08		2	1				1				1			1		5	870-1	11	436	3088	3126
≥.06	18	23	13	3	1	2	3	3	2	5	4	4	3	1		38	540-1	123	1653	2802	3152
≥.05	19	32	27	4	7	8	13	4	8	6	5	5	3	4	3	35	432-1	197	1763	2451	3086
≥.04	51	49	32	6	7	10	15	12	8	8	9	4	3	4	4	29	258-1	251	1729	2136	3068
≥.03	55	64	36	12	13	19	16	11	8	7	7	3	3	7	3	19	246-1	283	1615	1853	3063
≥.02	79	58	28	22	24	22	18	4	6	6	6	2	1	2	3	12	240-1	293	1353	1500	3061
≥.01	124	55	32	26	13	14	9	8	4	4	3	2	2		2	7	162-1	285	1028	1151	3049

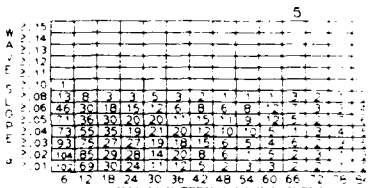
HOURS INTERVAL BETWEEN EVENTS

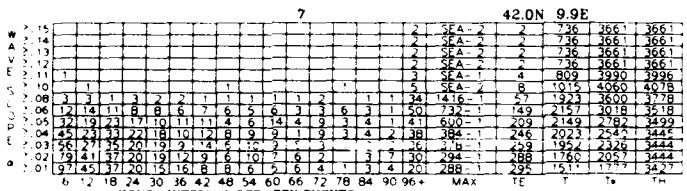
WAVE SLOPE (α) INTERVALS

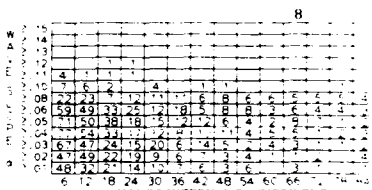


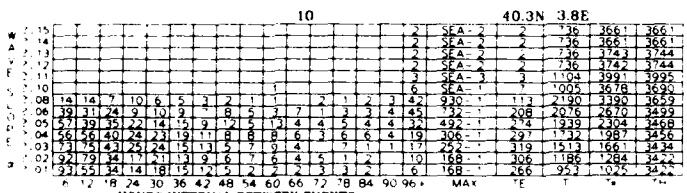


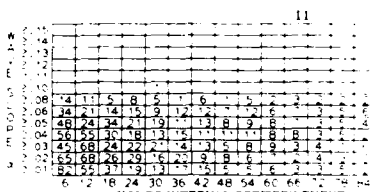


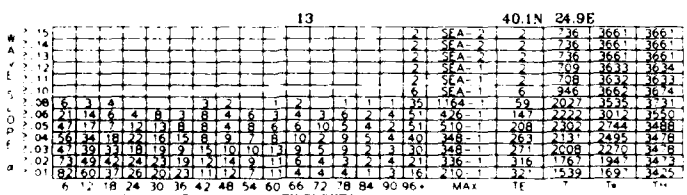


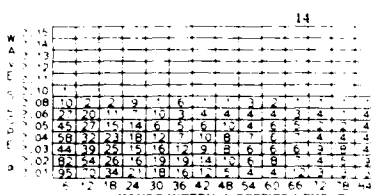


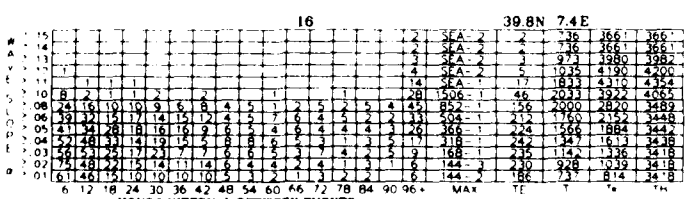


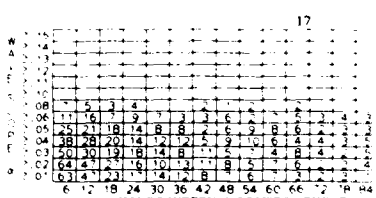


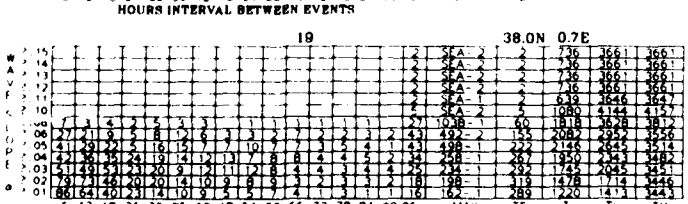


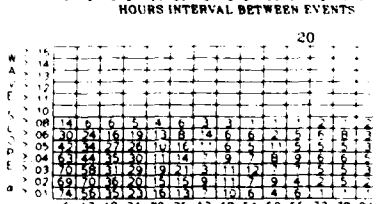




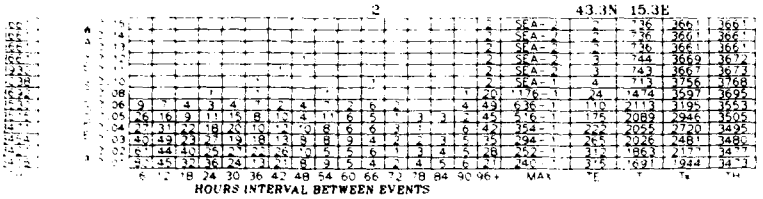






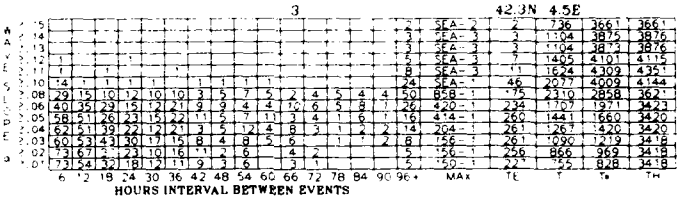


2 43.3N 15.3E



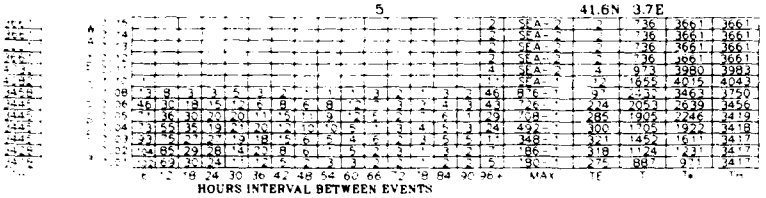
HOURS INTERVAL BETWEEN EVENTS

3 42.3N 4.5E



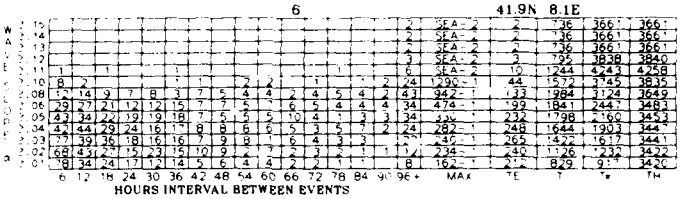
HOURS INTERVAL BETWEEN EVENTS

5 41.6N 3.7E



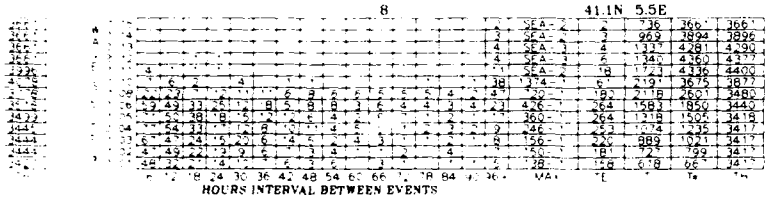
HOURS INTERVAL BETWEEN EVENTS

6 41.9N 8.1E



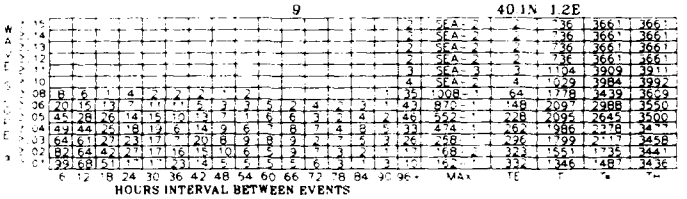
HOURS INTERVAL BETWEEN EVENTS

8 41.1N 5.5E



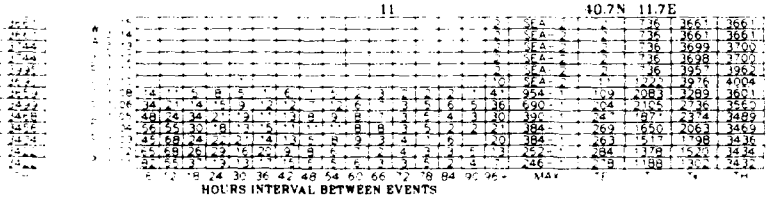
HOURS INTERVAL BETWEEN EVENTS

9 40.1N 1.2E



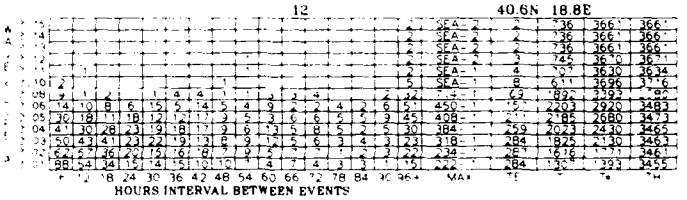
HOURS INTERVAL BETWEEN EVENTS

11 40.7N 11.7E



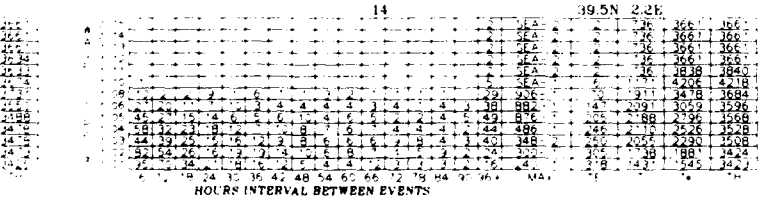
HOURS INTERVAL BETWEEN EVENTS

12 40.6N 18.8E



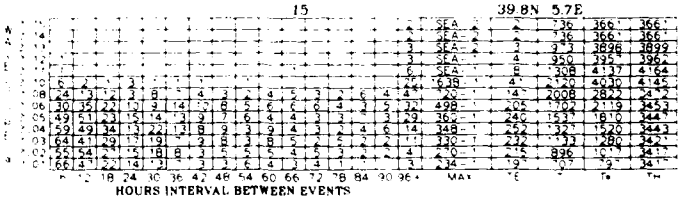
HOURS INTERVAL BETWEEN EVENTS

14 39.5N 2.2E



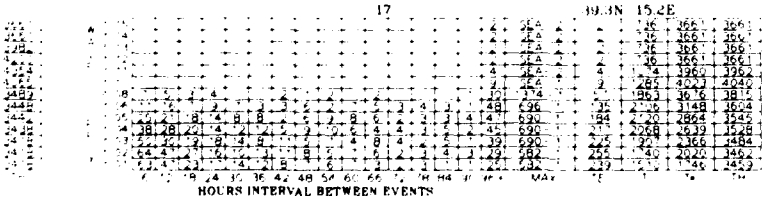
HOURS INTERVAL BETWEEN EVENTS

15 39.8N 5.7E



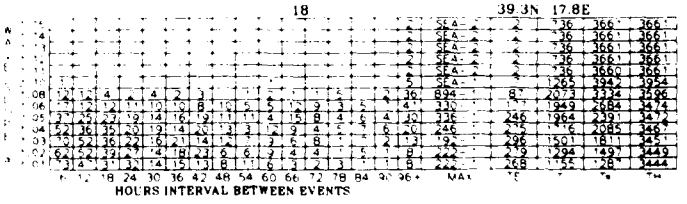
HOURS INTERVAL BETWEEN EVENTS

17 39.3N 15.2E



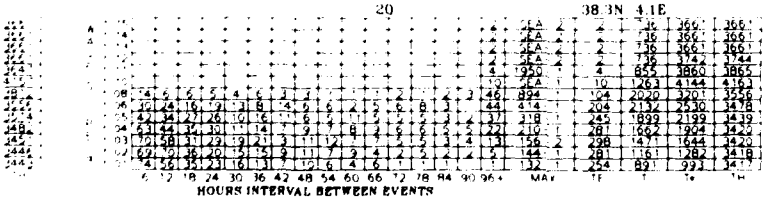
HOURS INTERVAL BETWEEN EVENTS

18 39.3N 17.8E



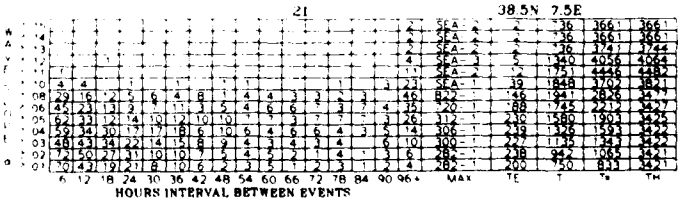
HOURS INTERVAL BETWEEN EVENTS

20 38.3N 4.1E



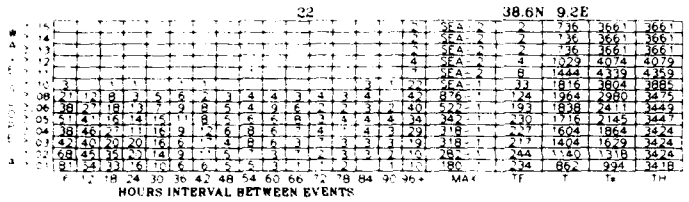
HOURS INTERVAL BETWEEN EVENTS

21 38.5N 7.5E

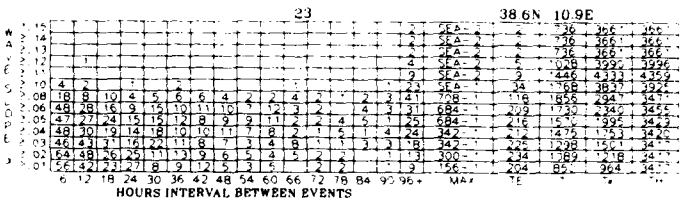


HOURS INTERVAL BETWEEN EVENTS

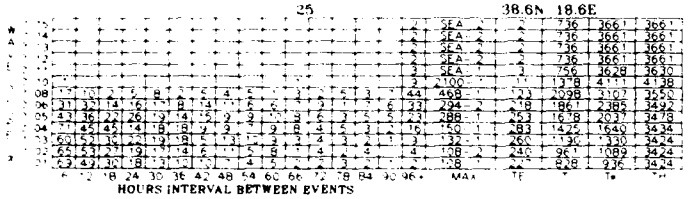
22 38.6N 9.2E



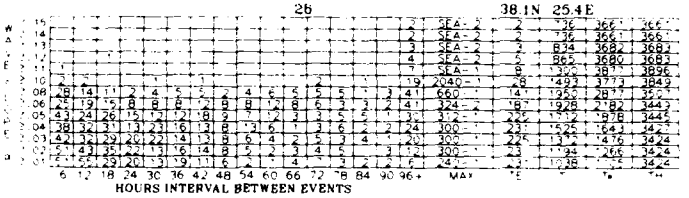
23 38.6N 10.9E



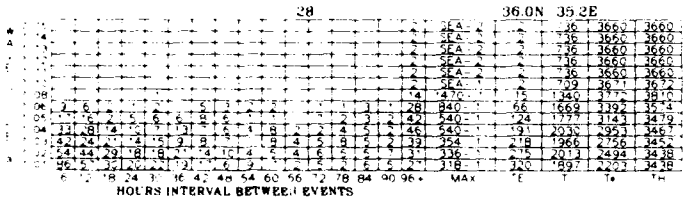
25 38.6N 18.6E



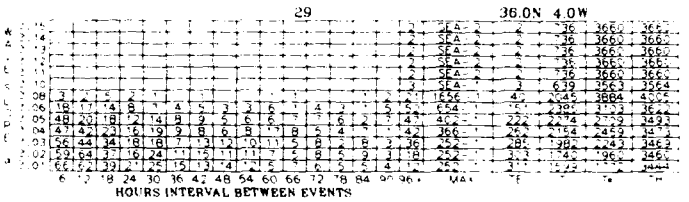
26 38.1N 25.4E



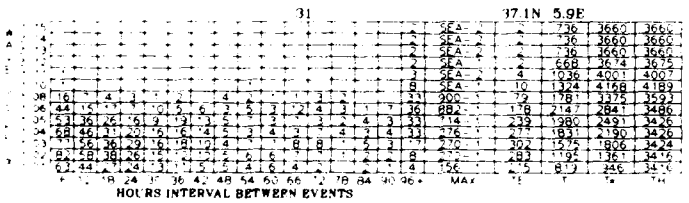
28 36.0N 35.2E



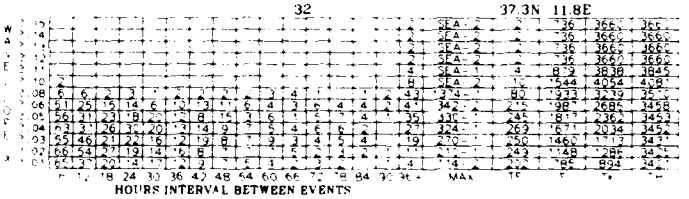
29 36.0N 4.0W



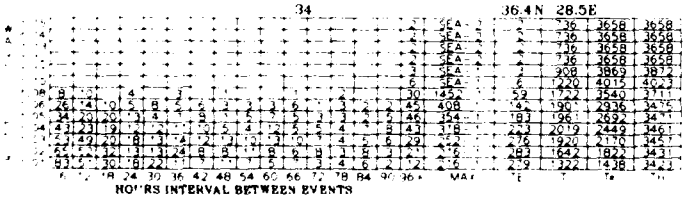
31 37.1N 5.9E



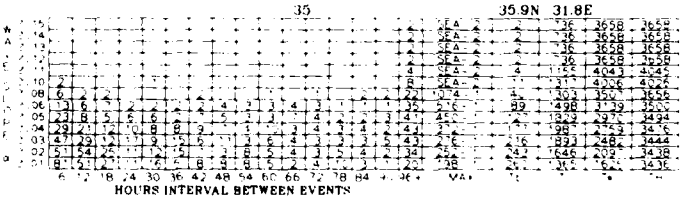
32 37.3N 11.8E



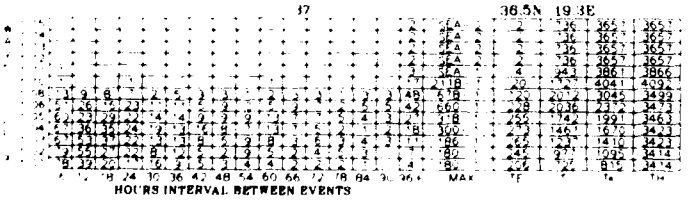
34 36.4N 28.5E



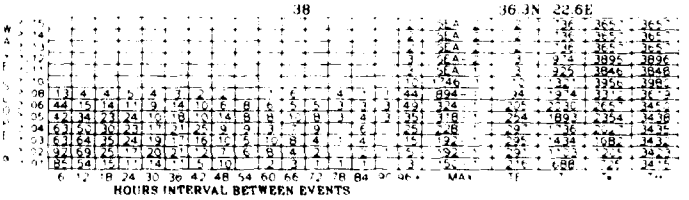
35 35.9N 31.8E



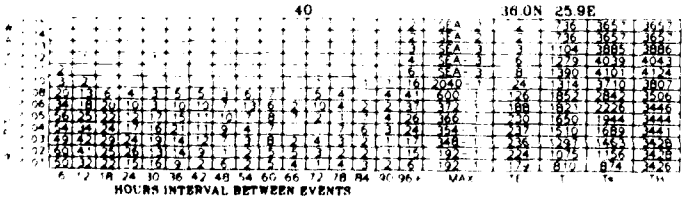
37 36.5N 19.3E



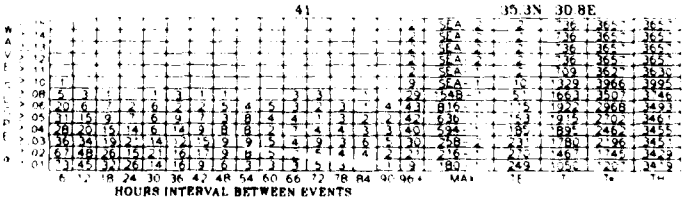
38 36.3N 22.6E



40 36.0N 25.9E

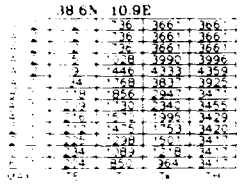


41 35.3N 30.8E



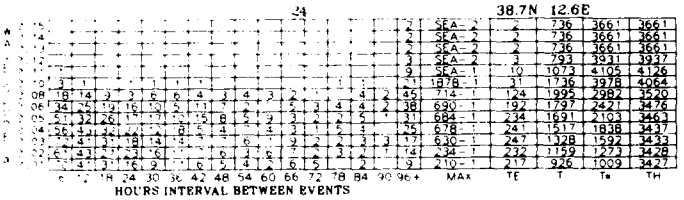
/E SLOPE (α) INTERVALS (Cont'd)

38.6N 10.9E

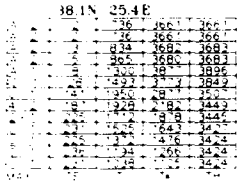


24

38.7N 12.6E

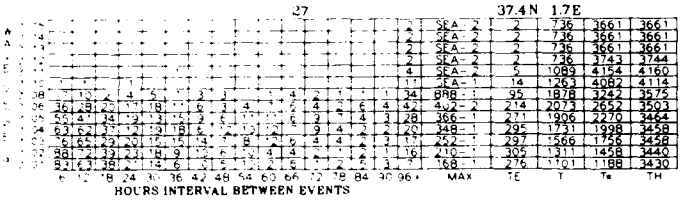


38.1N 25.4E

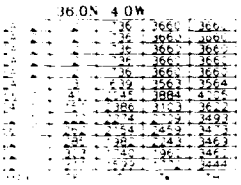


27

37.4N 1.7E

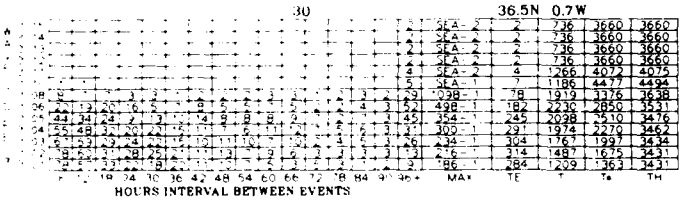


36.0N 4.0W

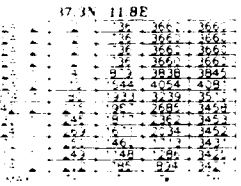


30

36.5N 0.7W

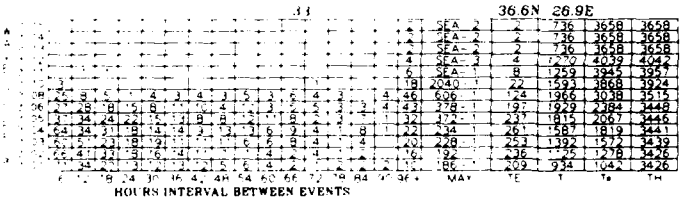


37.3N 11.8E

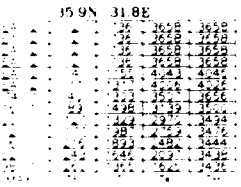


33

36.6N 26.9E

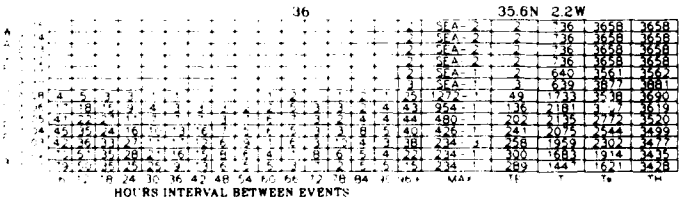


35.9N 31.8E

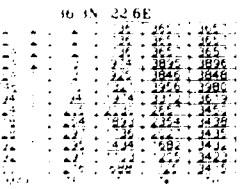


36

35.6N 2.2W

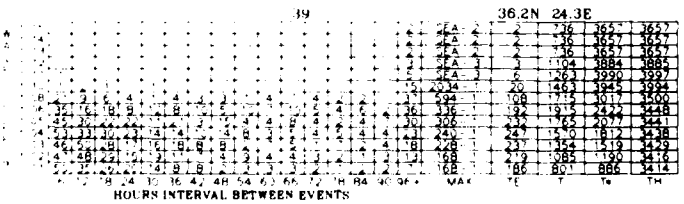


36.4N 22.6E

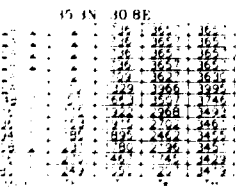


39

36.2N 24.3E

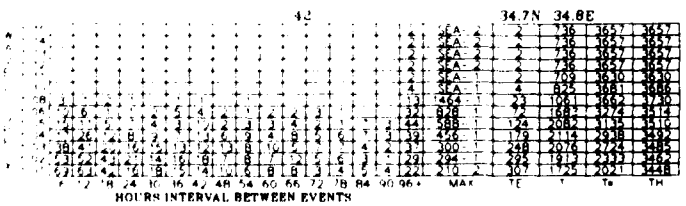


35.4N 30.8E

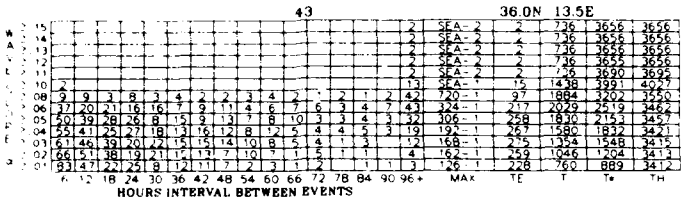


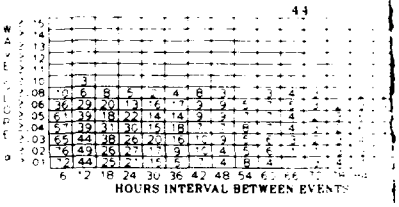
42

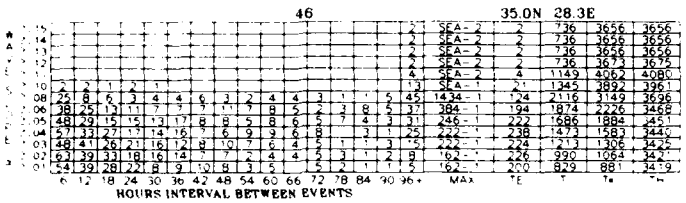
34.7N 34.8E

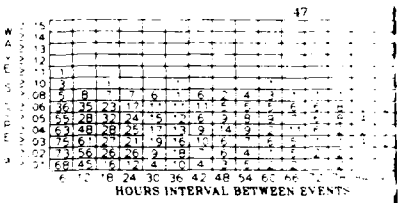


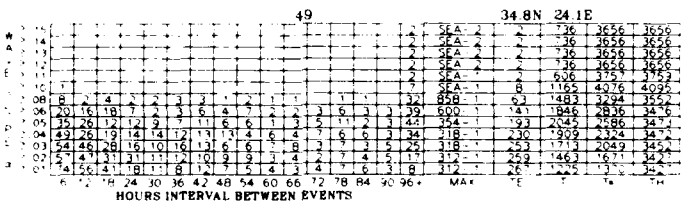
WAVE SLOPE (α) INTERVALS (Cont'd)

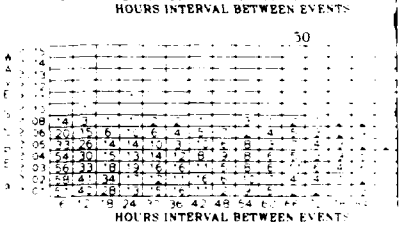


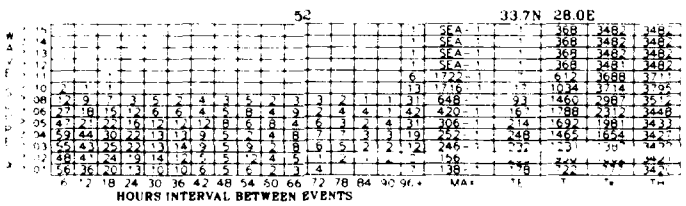


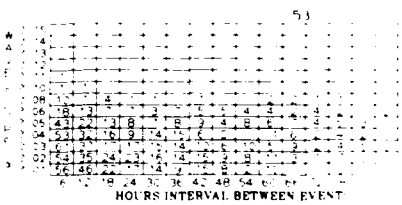


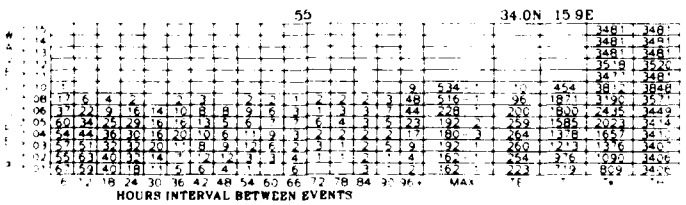


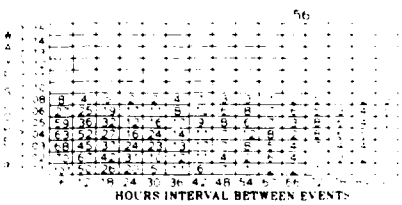


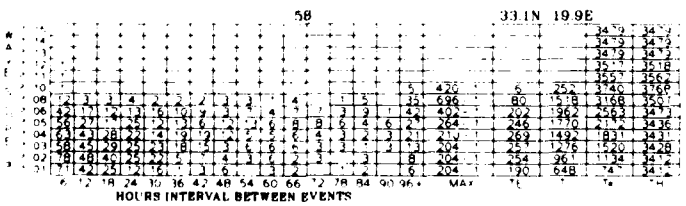


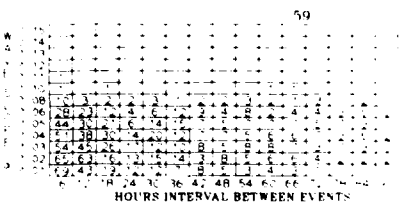


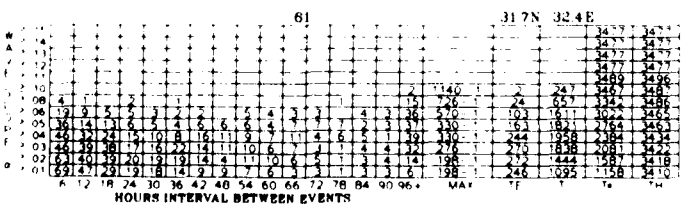


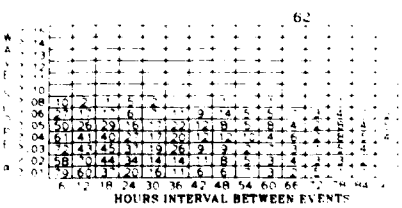


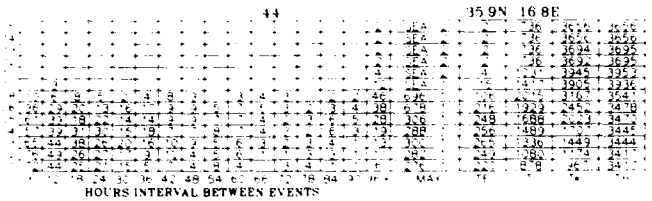


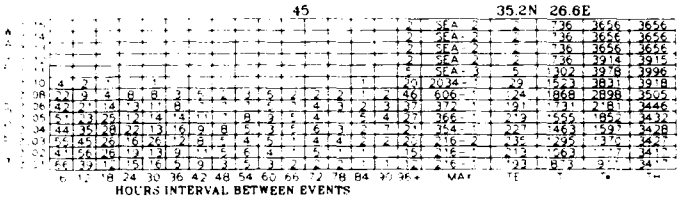









44
35.9N 16.8E
HOURS INTERVAL BETWEEN EVENTS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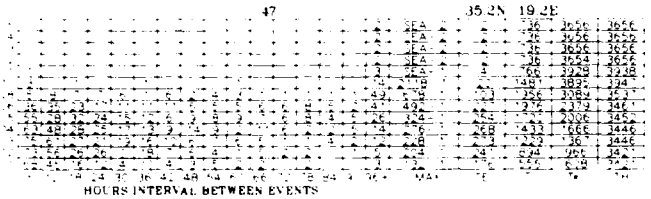
HOURS INTERVAL BETWEEN EVENTS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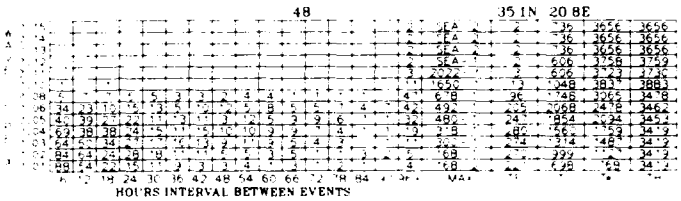
HOURS INTERVAL BETWEEN EVENTS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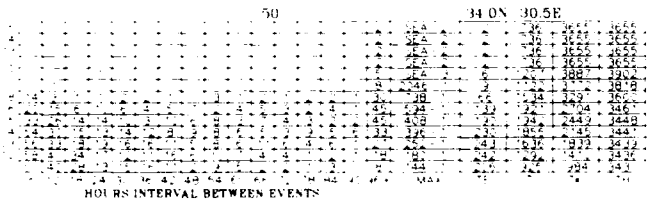
HOURS INTERVAL BETWEEN EVENTS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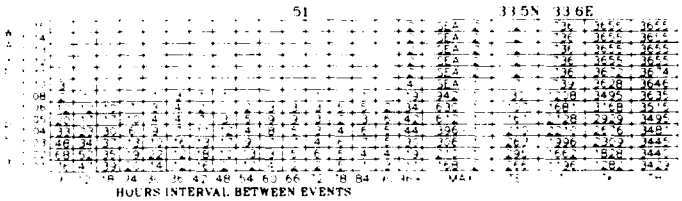
HOURS INTERVAL BETWEEN EVENTS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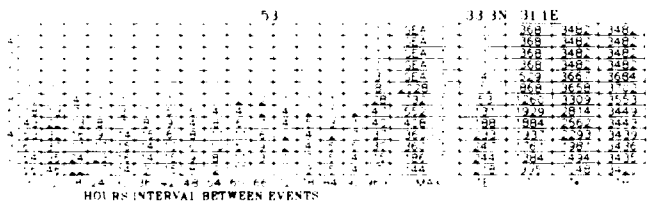
33.5N 33.6E
HOURS INTERVAL BETWEEN EVENTS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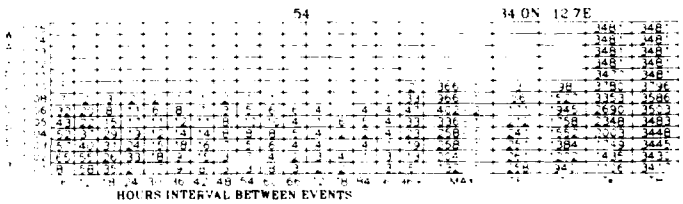
33.3N 31.1E
HOURS INTERVAL BETWEEN EVENTS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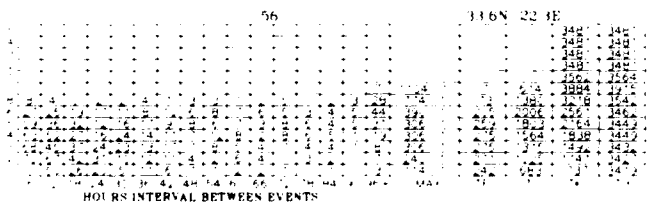
HOURS INTERVAL BETWEEN EVENTS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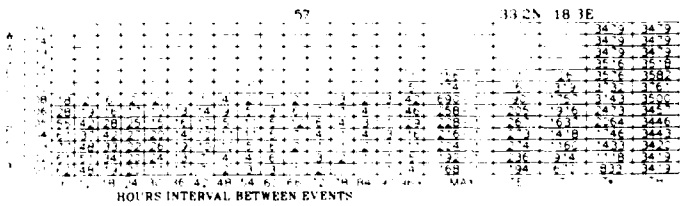
33.6N 22.4E
HOURS INTERVAL BETWEEN EVENTS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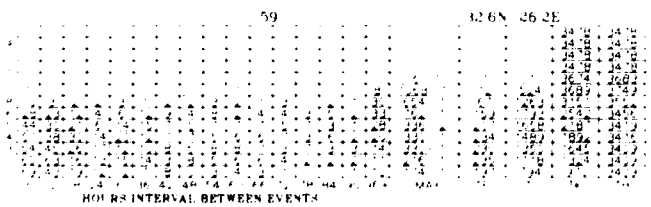
HOURS INTERVAL BETWEEN EVENTS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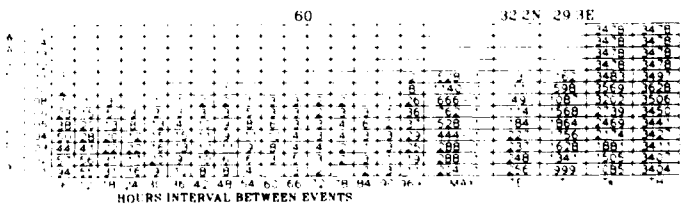
32.6N 26.2E
HOURS INTERVAL BETWEEN EVENTS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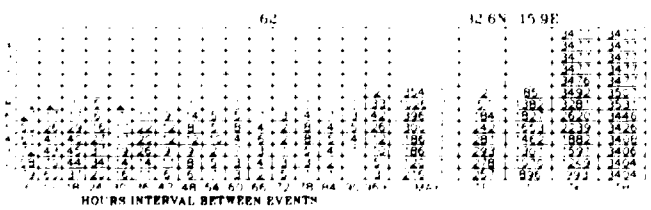
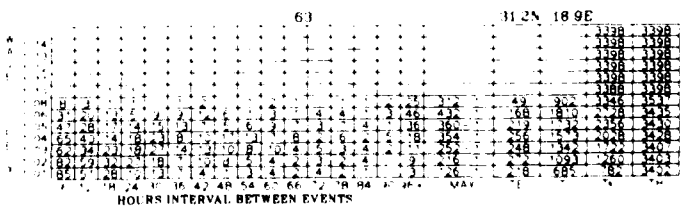
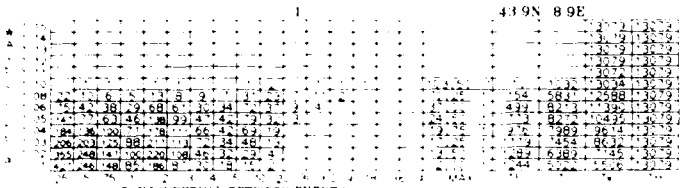

62
32.6N 15.9E
HOURS INTERVAL BETWEEN EVENTS


63
31.2N 18.9E
HOURS INTERVAL BETWEEN EVENTS

1 43.9N 8.9E



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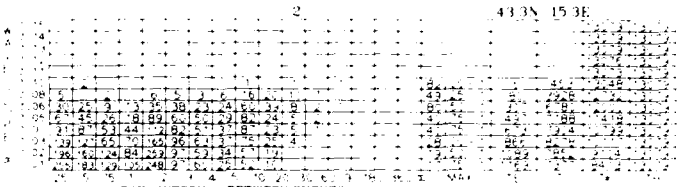
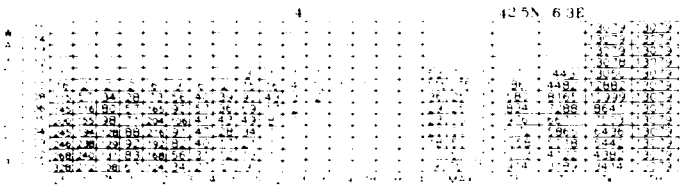
2 43.3N 15.3E



DAYS INTERVAL BETWEEN EVENTS

4 42.5N 6.3E



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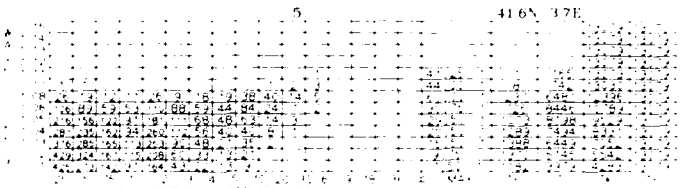
5 41.6N 3.7E



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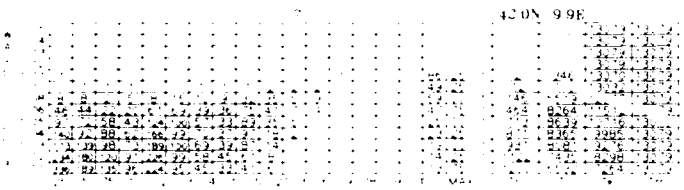
7 42.0N 9.9E



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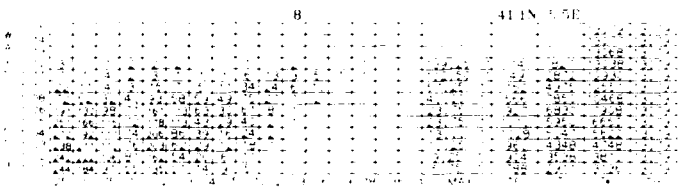
8 41.1N 3.5E



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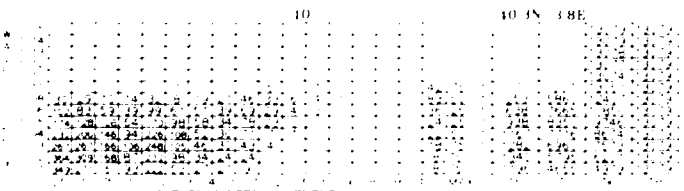
10 40.3N 3.8E



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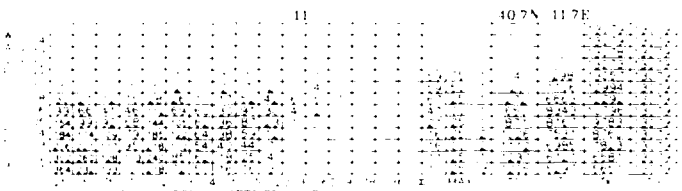
11 40.7N 11.7E



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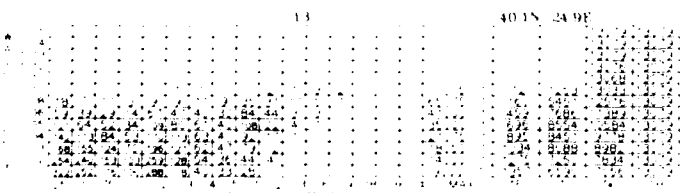
13 40.1N 24.9E



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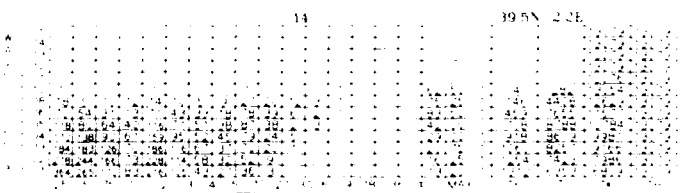
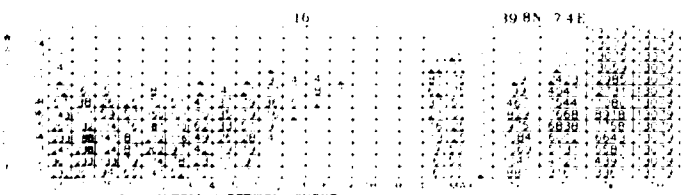
14 39.5N 2.2E



DAYS INTERVAL BETWEEN EVENTS

16 39.8N 7.4E



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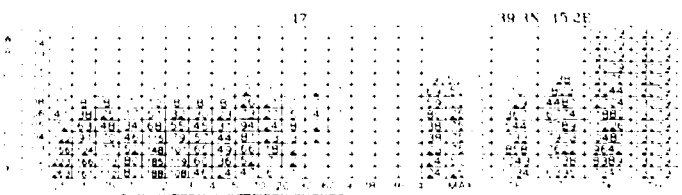
17 39.3N 15.2E



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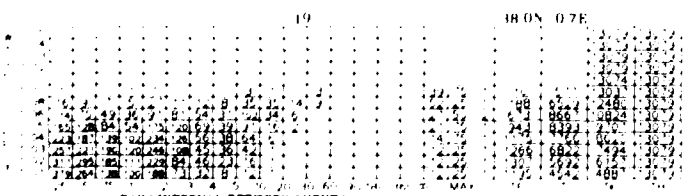
19 38.0N 0.7E



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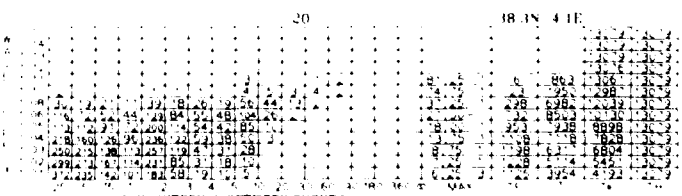
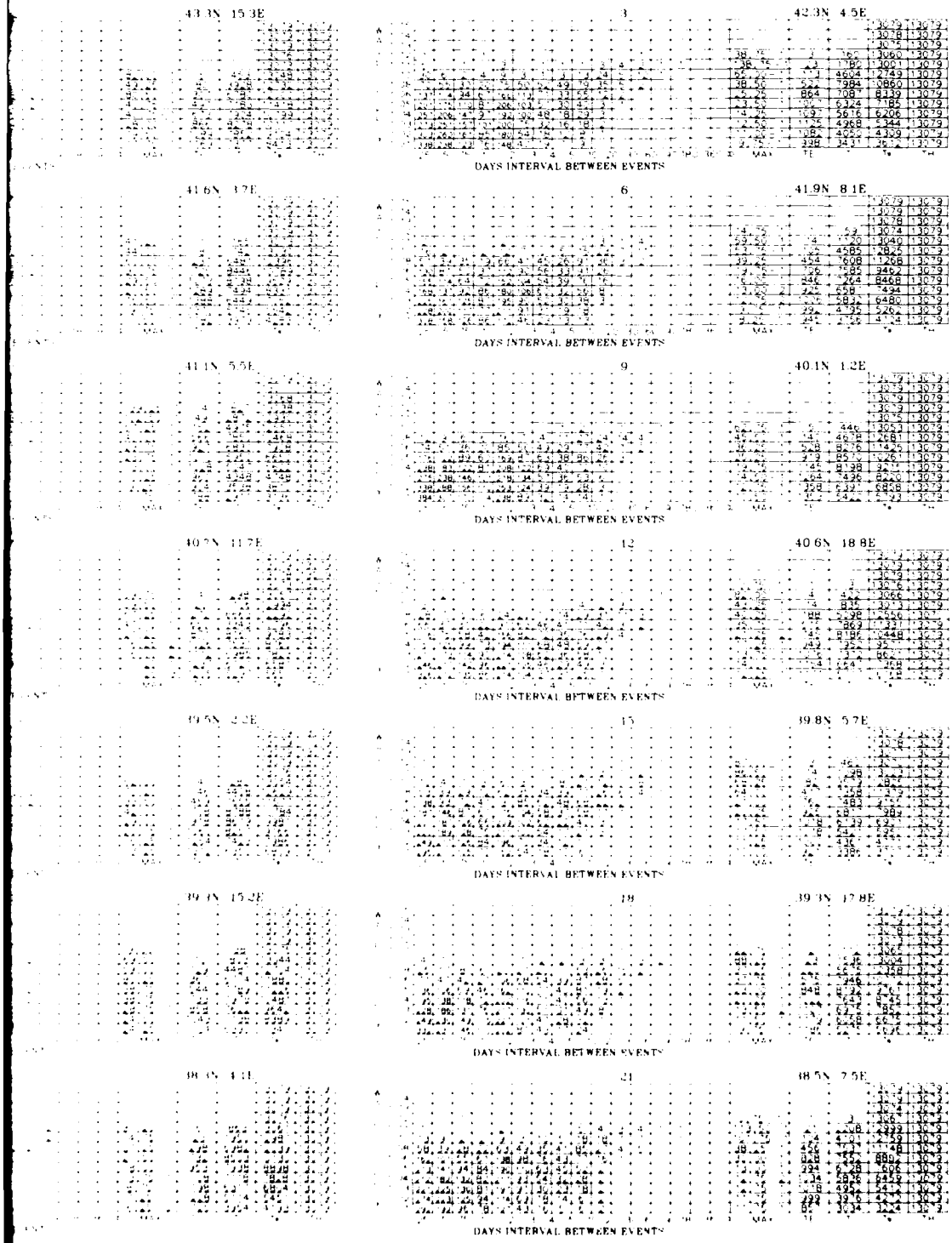
20 38.3N 4.1E



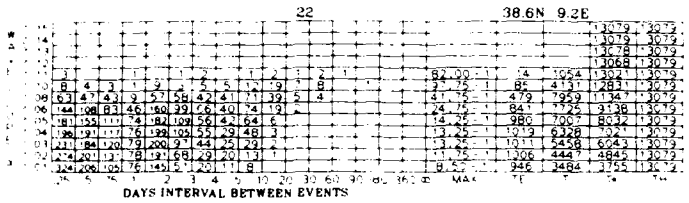
DAYS INTERVAL BETWEEN EVENTS

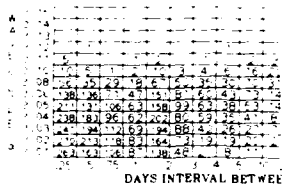
WAVE SLOPE (α) INTERVALS



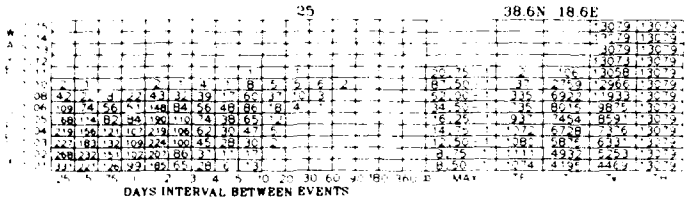
WAVE SLOPE (α) INTERVALS (Cont'd

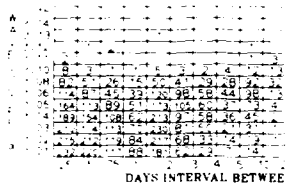
22 38.6N 9.2E



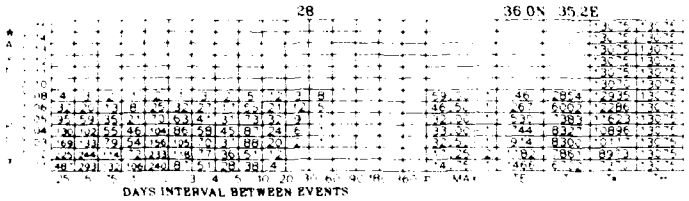


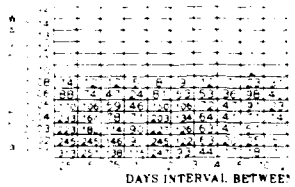
25 38.6N 18.6E



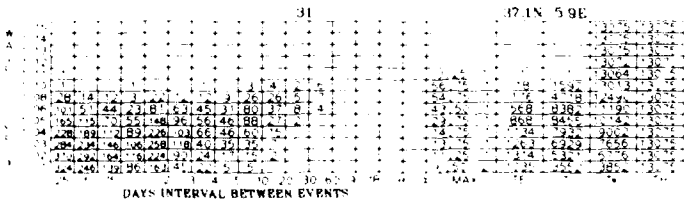


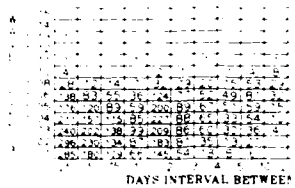
28 36.0N 35.2E



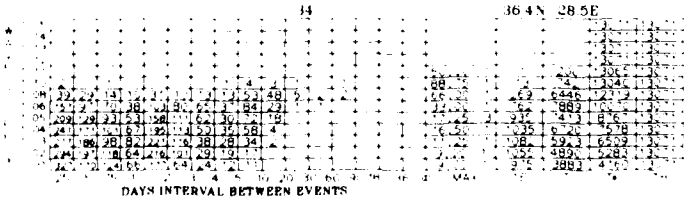


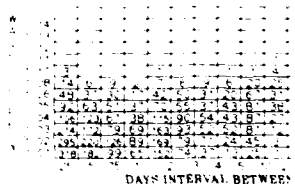
31 47.1N 5.9E



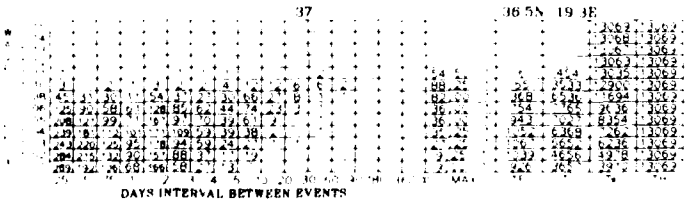


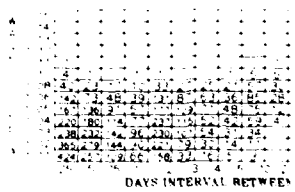
34 36.4N 28.5E



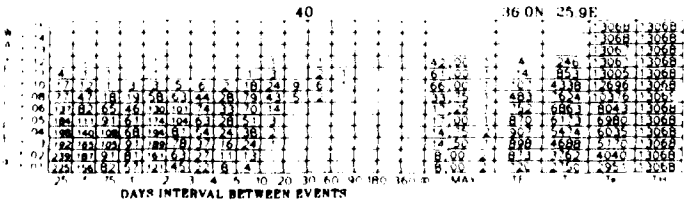


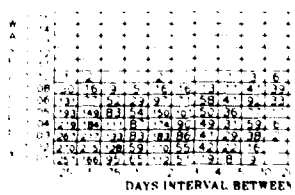
37 36.5N 19.3E



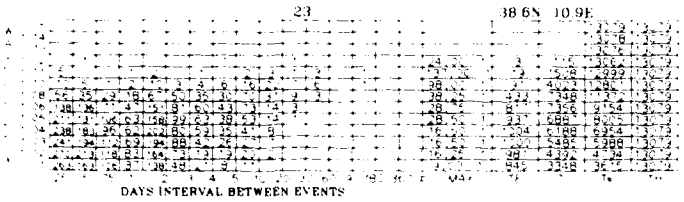


40 36.0N 25.9E



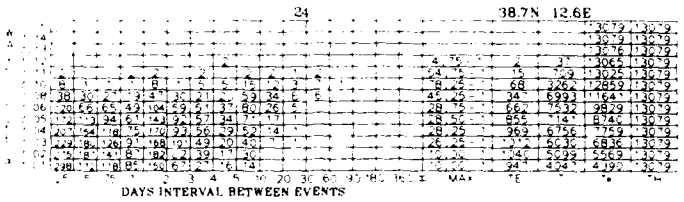


23 38.6N 10.9E



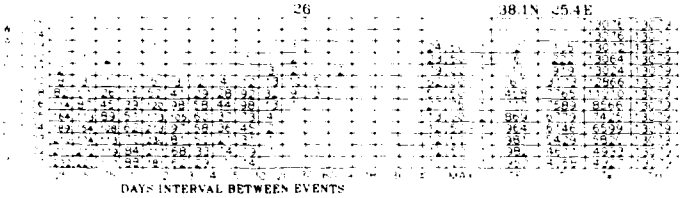
DAYS INTERVAL BETWEEN EVENTS

24 38.7N 12.6E



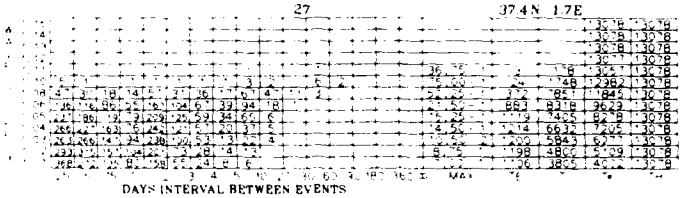
DAYS INTERVAL BETWEEN EVENTS

26 38.1N 25.4E



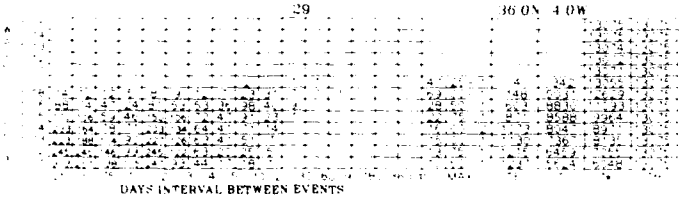
DAYS INTERVAL BETWEEN EVENTS

27 37.4N 1.7E



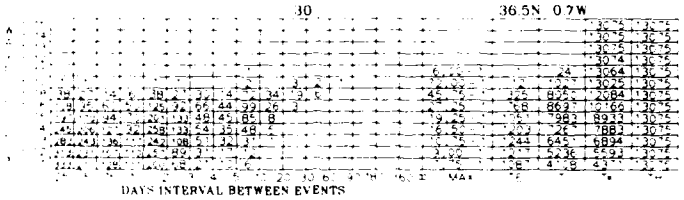
DAYS INTERVAL BETWEEN EVENTS

29 36.0N 4.0W



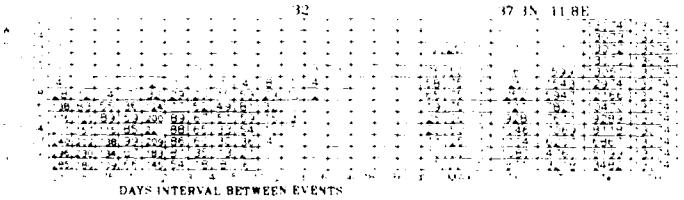
DAYS INTERVAL BETWEEN EVENTS

30 36.5N 0.7W



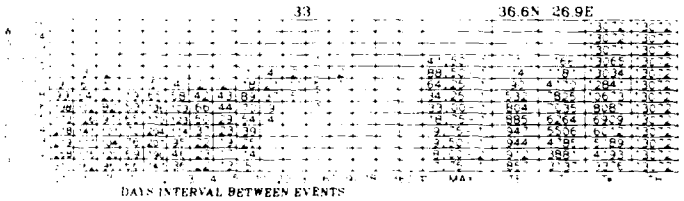
DAYS INTERVAL BETWEEN EVENTS

32 37.3N 11.8E



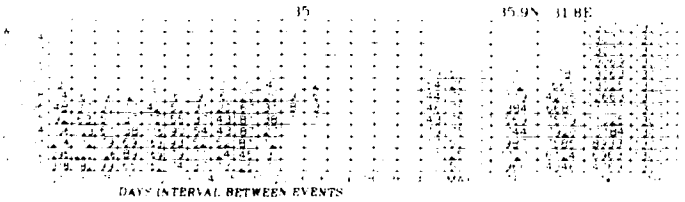
DAYS INTERVAL BETWEEN EVENTS

33 36.6N 26.9E



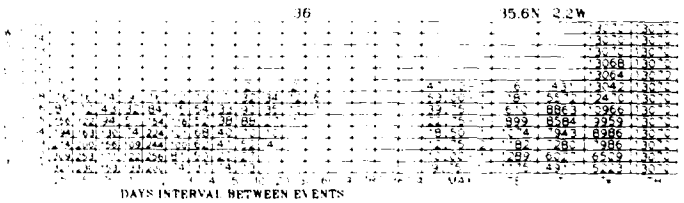
DAYS INTERVAL BETWEEN EVENTS

35 35.9N 31.8E



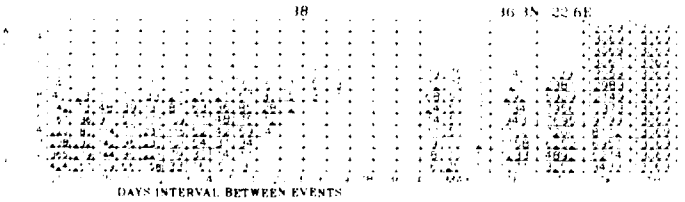
DAYS INTERVAL BETWEEN EVENTS

36 35.6N 2.2W



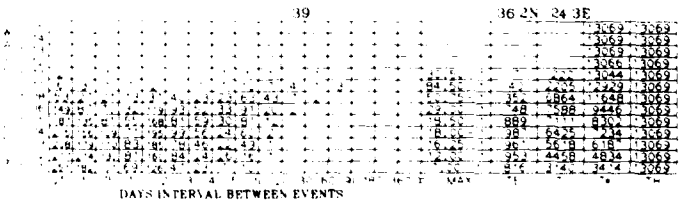
DAYS INTERVAL BETWEEN EVENTS

38 36.3N 22.6E



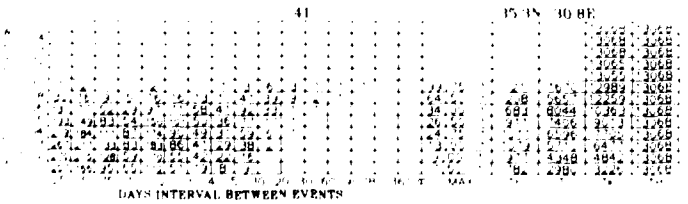
DAYS INTERVAL BETWEEN EVENTS

39 36.2N 24.3E



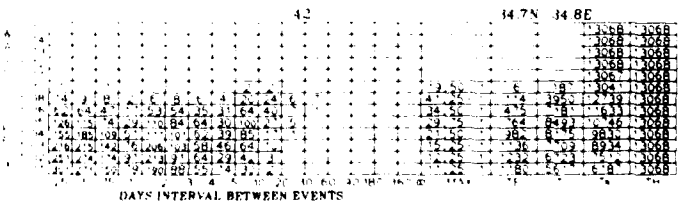
DAYS INTERVAL BETWEEN EVENTS

41 35.3N 30.8E



DAYS INTERVAL BETWEEN EVENTS

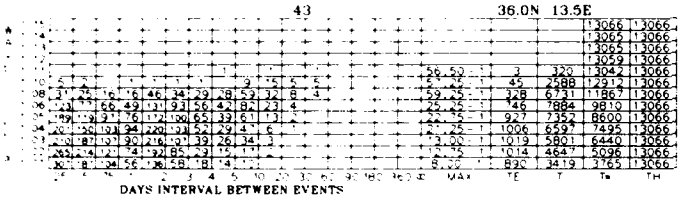
42 34.7N 34.8E



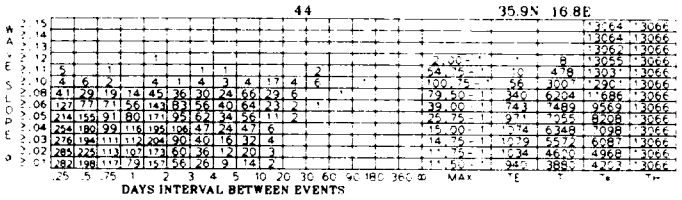
DAYS INTERVAL BETWEEN EVENTS

ANNUAL WAVE SLOPE (a)

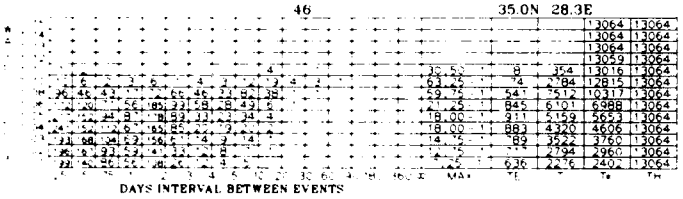
43 36.0N 13.5E



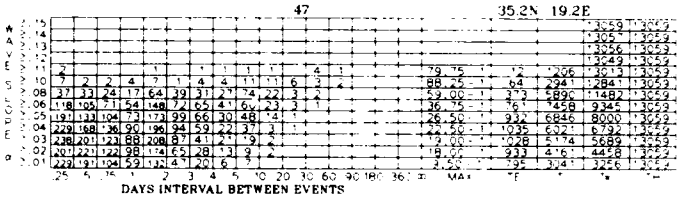
44 35.9N 16.8E



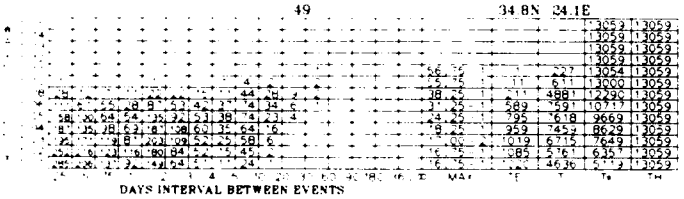
46 35.0N 28.3E



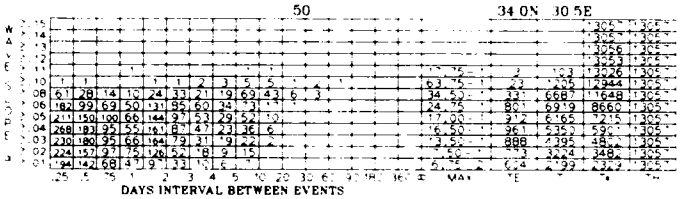
47 35.2N 19.2E



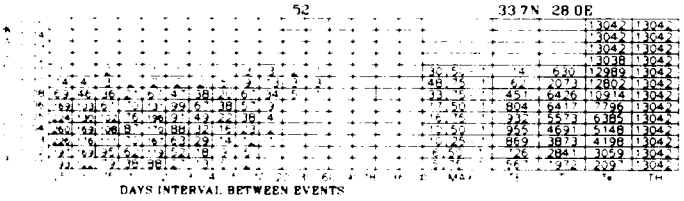
49 34.8N 24.1E



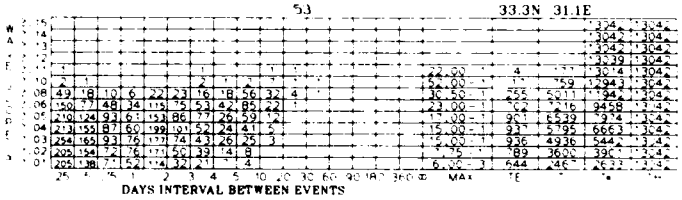
50 34.0N 30.5E



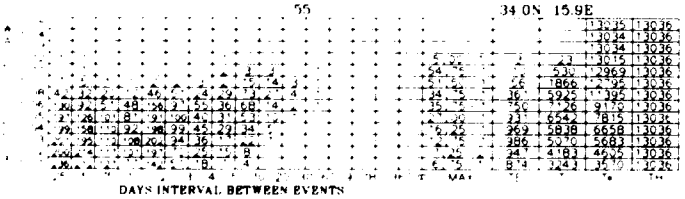
52 33.7N 28.0E



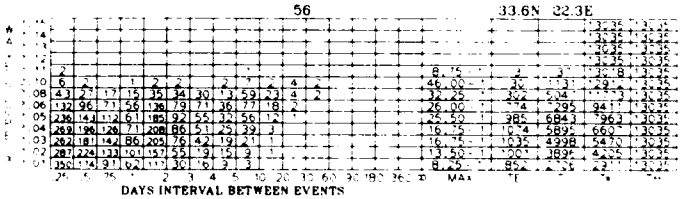
53 33.3N 31.1E



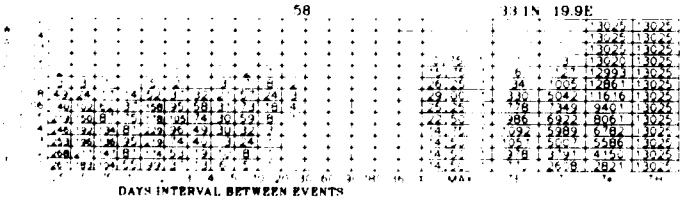
55 34.0N 15.9E



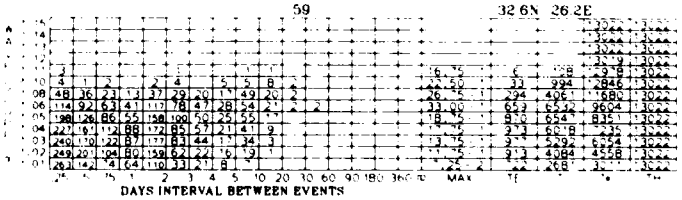
56 33.6N 22.3E



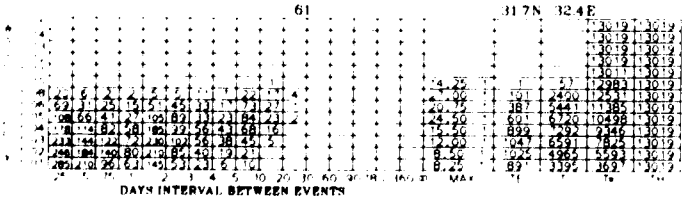
58 33.1N 19.9E



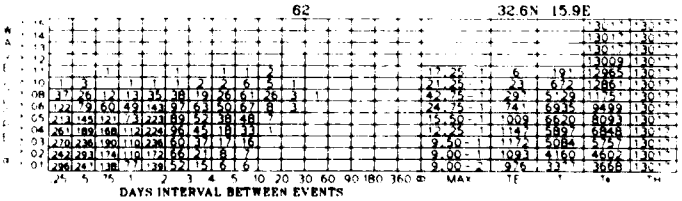
59 32.6N 26.2E



61 31.7N 32.4E

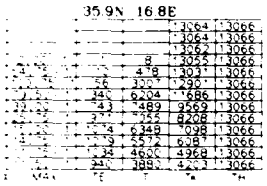


62 32.6N 15.9E



WAVE SLOPE (α) INTERVALS (Cont'd)

35.9N 16.8E



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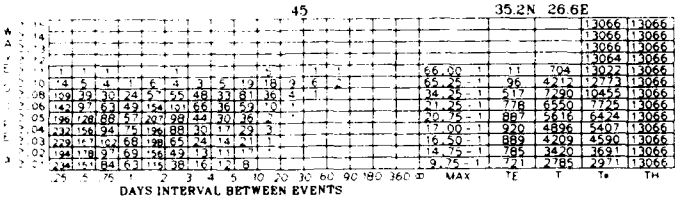
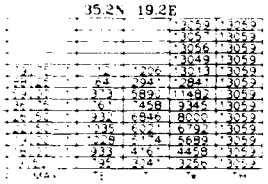


35.2N 26.6E

35.2N 19.2E



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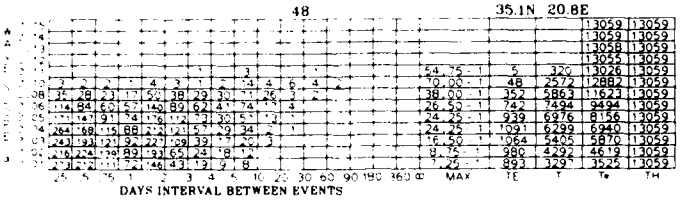
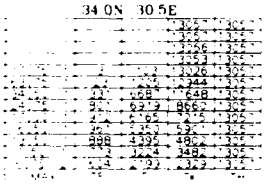


35.1N 20.8E

34.0N 30.5E



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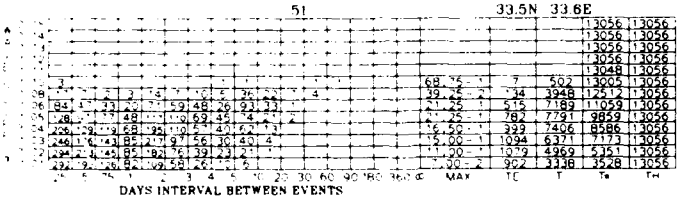
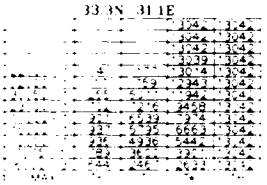


33.5N 33.6E

33.3N 31.1E



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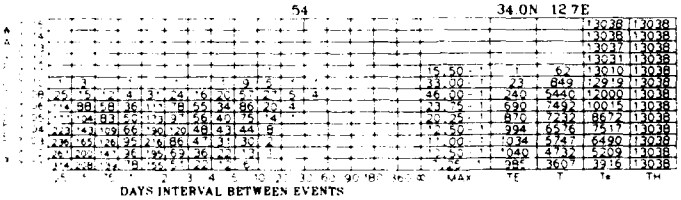
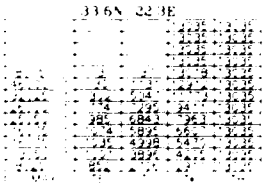


34.0N 12.7E

33.6N 22.3E



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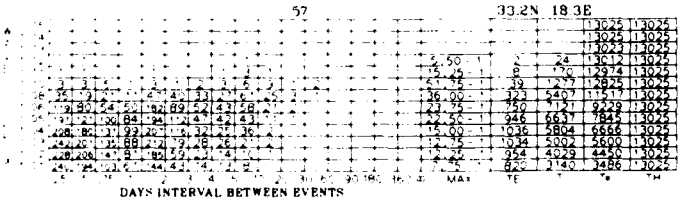
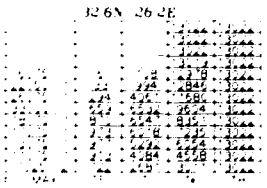


33.2N 18.3E

32.6N 26.2E



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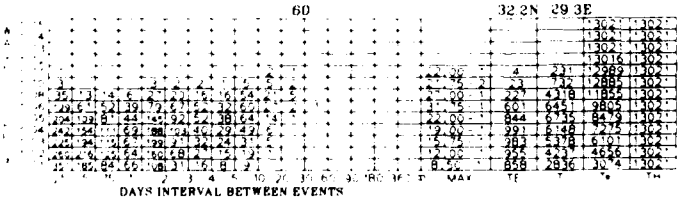
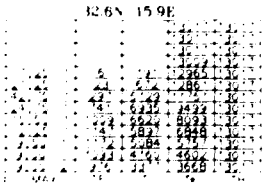


32.2N 29.3E

32.6N 15.9E



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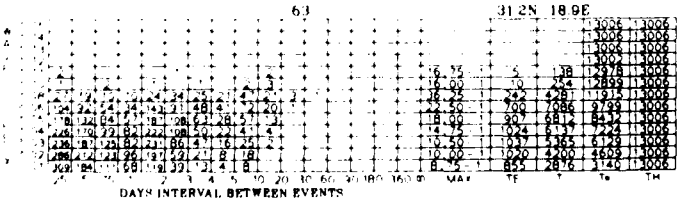

31.2N 18.9E

APPENDIX A

SOWM DEVELOPMENT

Before 1975, FLENUMOCEANCEN relied on "singular" wave models to predict wind wave, and swell heights as well as their corresponding directions and periods. The basic weakness of the "singular" models is that they do not accurately depict the complex wave propagation in the larger oceans like the Atlantic and Pacific where several wave trains can coexist in one area at any given time.

The SOWM is a wave specification and forecasting procedure that will describe the complex frequency-direction spectrum of waves in deep water with a reasonable resolution on a grid of points over the ocean. As originally planned, there were to have been four times as many grid points and twice the angular resolution for the spectra. The computer program exists for this higher resolution model, but it is not operational. Running time and memory allocation constraints made it necessary to reduce the number of grid points and decrease the angular resolution. This coarser grid can result in a misinterpretation of sub-grid scale features and fetch.

Since the SOWM is a general purpose deep-water model, it was not designed to include effects such as refraction, diffraction, shoaling, and bottom friction. As a consequence, SOWM output should be interpreted with a great deal of care for shallow water applications. Also, there are no wave-wave or wave-current interaction mechanisms; the latter have been observed to alter the wave fields in regions of a strong current like the Aguhlas Current and the Gulf Stream.

The grid of points were laid out on gnomonic subprojections of an icosahedron (a solid whose surface is 20 equilateral triangles) so as to allow great circle propagation. For each of the 20 triangles, a gnomonic projection is used. Thus, a straight line with any orientation on any of the 20 subprojections is a great circle. On the sphere, the sides of the equilateral spherical triangle intersect at an angle of 72° and, thus, five tr
common point. On a map, th
equilateral triangle meet at ar
each triangle is plotted
projection.

The triangles are not orie
way relative to the latitudes a
the Earth. Instead, the icosah
so as to maximize the number
land. Fig. A1 shows the 20 tri
verticies and edges appear
projection[1]. Each triangle cov
same area, and the marked disto
projection is evident.

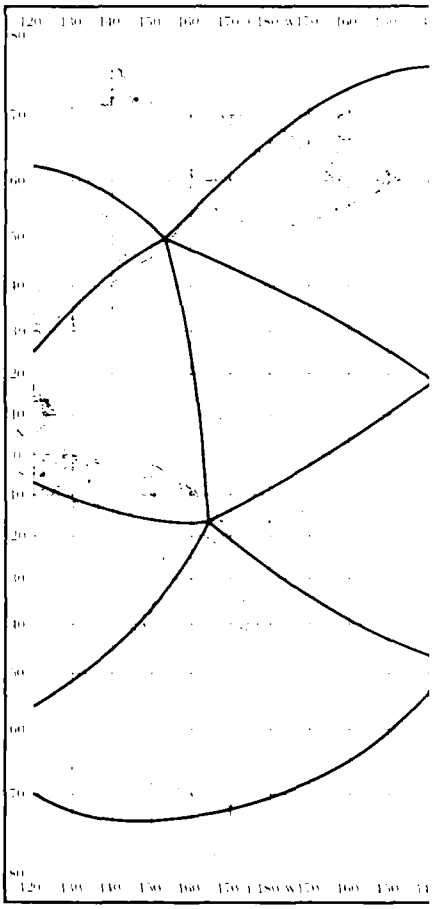

FIG. A1 The twenty
All triangles

le of 72° and, thus, five triangles meet at a non point. On a map, the sides of the ilateral triangle meet at an angle of 60°, if n triangle is plotted as a gnomonic jection.

The triangles are not oriented in a simple relative to the latitudes and longitudes on Earth. Instead, the icosahedron was located as to maximize the number of verticies on d. Fig. A1 shows the 20 triangles as their ticies and edges appear on a Miller jection[1]. Each triangle covers exactly the e area, and the marked distortion of a Miller jection is evident.

Two sides of a triangle form a natural set of axes for each subprojection and the grid of points at which the SOWM spectra are computed are formed by the intersections of equally spaced lines drawn parallel to the two chosen sides of each subprojection as shown in Fig. A2. Each grid point, in principle, ought to be representative of wave spectra anywhere within the hexagon surrounding the grid point.

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[1] A Miller projection is a cylindrical projection similar to a Mercator projection with less exaggerated spacing of the parallels at high latitudes.

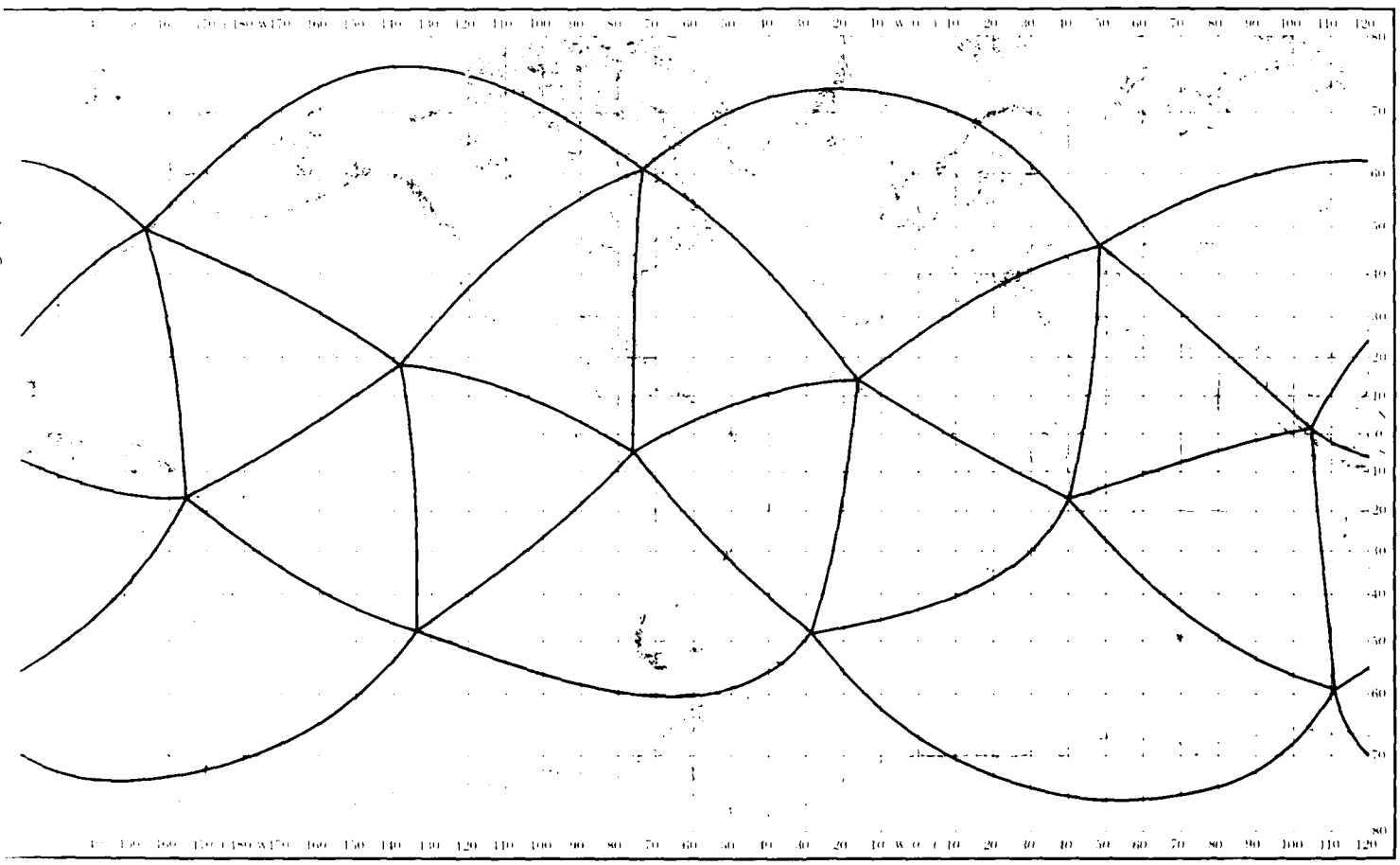


FIG. A1 The twenty equilateral triangles of the icosahedral gnomonic projection of the SOWM. All triangles are the same size on the Earth, but the Miller projection distorts them.

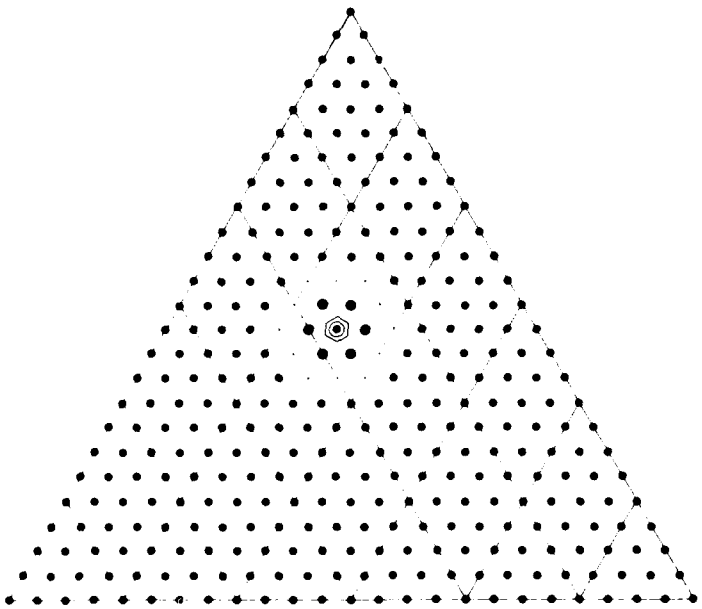


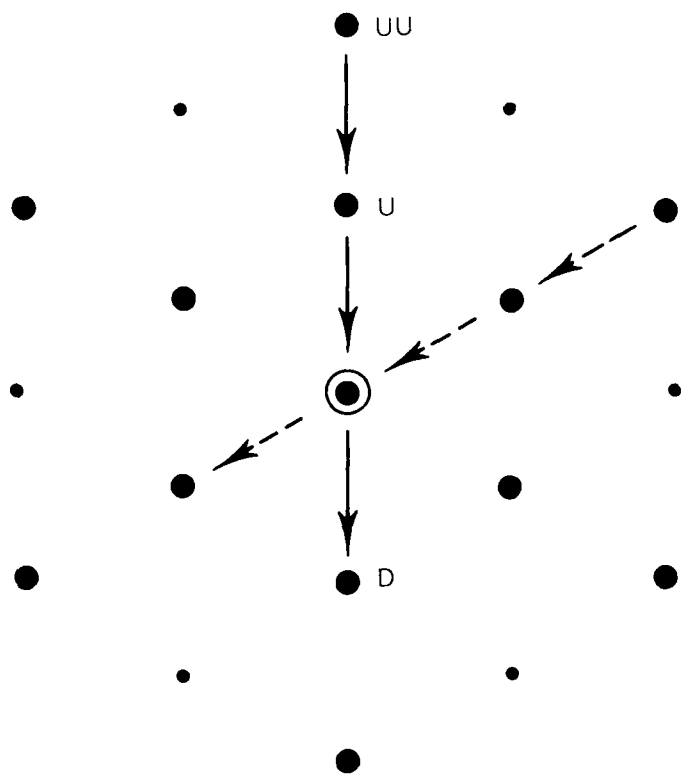
FIG. A2 The 325 grid points on a triangular gnomonic subprojection for the SOWM. Any straight line is a great circle. The hexagon around the circled dot shows the area represented by a grid point. The inner hexagon of heavy dots and the outer hexagon of X's show those grid points required to treat wave propagation effects at the circled point. (After Pierson, 1982)

The great circle property is indicated by the fact that waves can travel to a given grid point along a great circle path from any one of the six surrounding grid points, thus accounting for six of the 12 direction bands in the model. The other six direction bands have directions of travel halfway between those for each of the primary directions. These spectral components are effectively treated as if they come from a source on the inner hexagon surrounding each grid point at a point halfway between two grid points. The distance involved is thus only about 85% of the primary distance as shown in Fig. A3.

Land boundaries and a prescribed ice limit act as sinks for spectral components. Grid points just south of the equator are treated as an artificial land boundary to provide appropriate sinks for southward moving spectral components and artificially fetch limited waves for southerly winds at the equator. No swell from the Southern Hemisphere exists in the model, although tney could be appreciable just north of the equator during the Southern Hemisphere winter. Also, there is no specific provision for tropical cyclones in the model.

Once the grid, the spectral resolution, and the time step are prescribed, the model can compute what the spectrum will be at each grid point x hours later, given an initial wave spectrum and the winds at all grid points at the time, $t = t_o$.

In the SOWM, this is accomplished by computing: (1) how much the wind-generated sea



SIX PRIMARY DIRECTIONS

FIG. A3 Grid points involved in propagation. The large d point a downward propagating spectral compone downstream point are shown. For secondary dir at the open circles – for one time step. The shif

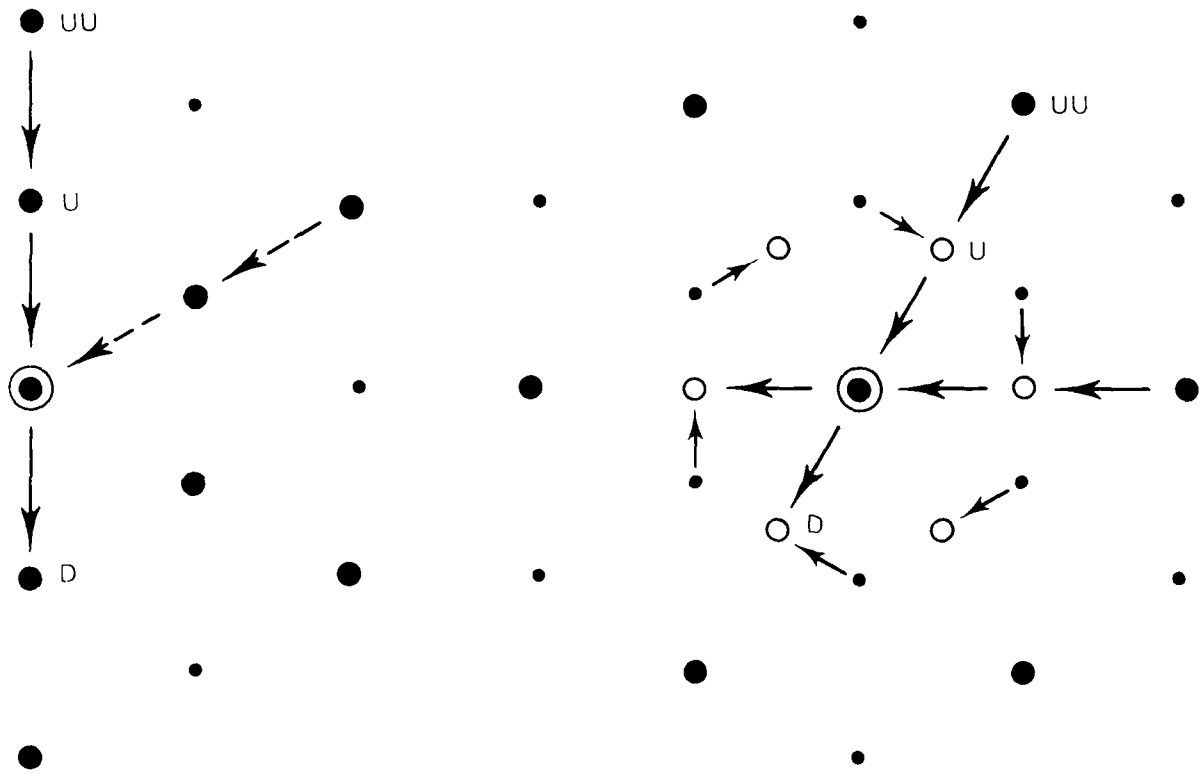
the equator. No swell
emisphere exists in the
ould be appreciable just
r during the Southern
so, there is no specific
. cyclones in the model.

e spectral resolution, and
escribed, the model can
rum will be at each grid
given an initial wave
at all grid points at the

this is accomplished by
much the wind-generated sea

will increase or grow (if at all) during the next time step at each grid point; (2) how much the waves traveling against the wind ($\pm$ 90°) will be dissipated; (3) how far each spectral component will propagate at a representative group velocity along a great circle path in x hours; and, then reassembling the spectra for the end of the time step.

For brevity, these steps are called Grow, Dissipate, and Propagate. For the SOWM hindcasts at the end of a six-hour time step, within the resolution of the model, the new spectra at the grid points represented the waves at t = t + 6 hours; new winds were then used, and the processes of Grow, Dissipate, and Propagate were repeated.



RY DIRECTIONS

SIX SECONDARY DIRECTIONS

olved in propagation. The large dots on the left are for the six primary directions. For the circled
ard propagating spectral component requiring an upstream point, an upper upstream point and a
nt are shown. For secondary directions, the points on the inner hexagon are treated as if located
les for one time step. The shift is reversed for the next time step. (After Pierson, 1982)

APPENDIX B

PARAMETER DERIVATIONS

The output from a SOWM hindcast includes a directional variance spectrum at each grid point as represented by 12 equally divided direction bands and 15 frequency bands of varying widths as depicted in Tables B1 and B2. The direction bands are unique for each grid point, but the frequency bands remain constant for all grid points (Table B2). The lowest possible frequency in a SOWM spectrum is 0.0388 Hz which corresponds to a period of 25.7 seconds. Conversely, the highest frequency is which corresponds to a period of 3.24 The SOWM generates 'energy variances' cell within the 180 element matrix f wind fields. There is a certain confusion inherent in the terminolog variances' since the values within eac not energies. It is necessary t somewhat to appreciate the roots terminology.

In a steady Sea State the recor waves (a continuous time series of the fall of the sea surface at a point)

TABLE B1

AN EXAMPLE OF A DIRECTIONAL VARIANCE SPECTRUM

Wind Direction = 160° Wind Speed = 21.5 kn

Central Frequency (hz)

Direction (deg)	.308	.208	.158	.133	.117	.103	.092	.081	.072	.067	.062	.056	.050	.044	.039
96.6															
66.6															
36.6															
6.6															
336.6															
306.6															
276.6				.01	.06	.10	.15	.42	.15	.02		.02			
246.6	.04	.13	.18	.13	.13	.11	.05	.03	.01			.01			
216.6	.06	.20	.35	.29	.33	.18	.06	.02							
186.6	.06	.20	.37	.30	.28	.01	.09	.02							
156.6	.04	.14	.20	.14	.12	.01	.03	.01							
126.6	.03	.08		.04	.03										
Frequency Spectrum	.23	.75	1.10	.91	.95	.41	.38	.50	.16	.02		.03			

Derived parameters: H_{m_0} = 9.3 ft., T_p = 8.57 s., α = 0.085, PWD = 212°, ρ_c = 0.77

, the highest frequency is 0.308 Hz responds to a period of 3.24 seconds. generates 'energy variances' in each in the 180 element matrix from input ds. There is a certain amount of inherent in the terminology 'energy ' since the values within each cell are gies. It is necessary to digress to appreciate the roots of this gy.

steady Sea State the record of the continuous time series of the rise and he sea surface at a point) does not repeat itself exactly from one wave to the next because the waves are a superposition of sinusoids with many different frequencies and directions of travel. Every wave record of finite length as a function of time, however, can be decomposed into harmonics. The zeroth harmonic is the mean elevation of the sea and is assumed to be zero for the analysis since the contributions from much longer periods such as the tides are constants during the time of observation. The first harmonic, is a least squares fit of a sinusoid with a period equal to the wave record with its peak positioned such that its amplitude is maximized. The first

NCE SPECTRUM

21.5 kn

7	.062	.056	.050	.044	.039	Directional Total
2		.02				.93
		.01				.82
						1.49
						1.33
						.69
						.18
2		.03				5.44 Total (ft^2)

ρ_c 0.77

TABLE B2

BAND NUMBER, BAND WIDTH, CENTRAL FREQUENCY (AS A FRACTION AND A DECIMAL), PERIOD, AND BANDWIDTH BOUNDS (After Pierson, 1982)

Band Number	Band Width x 180	Central Frequency	Central Frequency	Period	Lower Bound x 180	Upper Bound x 180
1	24	55.5/180	$0.3083\overline{3}$	3.24	43.5	67.5
2	12	37.5/180	$0.2083\overline{3}$	4.8	31.5	43.5
3	6	28.5/180	$0.1583\overline{3}$	6.32	25.5	31.5
4	3	24.0/180	$0.1333\overline{3}$	7.5	22.5	25.5
5	3	21.0/180	$0.1166\overline{6}$	8.57	19.5	22.5
6	2	18.5/180	$0.1027\overline{7}$	9.73	17.5	19.5
7	2	16.5/180	$0.0916\overline{6}$	10.91	15.5	17.5
8	2	14.5/180	$0.0805\overline{5}$	12.4	13.5	15.5
9	1	13.0/180	$0.0722\overline{2}$	13.85	12.5	13.5
10	1	12.0/180	$0.066\overline{6}$	15.0	11.5	12.5
11	1	11.0/180	$0.0611\overline{1}$	16.4	10.5	11.5
12	1	10.0/180	$0.055\overline{5}$	18.0	9.5	10.5
13	1	9.0/180	$0.050\overline{0}$	20.0	8.5	9.5
14	1	8.0/180	$0.044\overline{4}$	22.5	7.5	8.5
15	1	7.0/180	$0.038\overline{8}$	25.7	6.5	7.5

harmonic has one maximum and minimum for the entire wave record. The second harmonic has a period of one-half the wave record with its two peaks positioned such that it too has maximum amplitude. Each subsequent harmonic can be thought of as a least squares fit of a sinusoid with the number of peaks and valleys (or the period) increasing (decreasing) corresponding to the harmonic number. By adding each new harmonic to the preceding harmonics, the harmonics or the 'Fourier Series' begin to resemble the wave record. If the number of observations on the wave record is N, then N/2 harmonics will completely describe the wave record.

The average energy in the wave motion per unit area is described by:

$$E = \tfrac{1}{2} \rho g a^2 \qquad \text{(B1)}$$

where ρ is the density of the ocean water, g is the acceleration of gravity, and a is the wave amplitude. Half of the energy is kinetic, and the other half is potential.

Recalling that each wave record can be decomposed into a number of harmonics, then if the amplitude of each harmonic is squared, multiplied by ($\tfrac{1}{2} \rho g$), and plotted on a graph as the ordinate using the associated frequency or period of the harmonic as the abscissa, the resulting graph is a 'wave energy spectrum.' Initially it was customary to present the spectrum in this manner (World Meteorological Organization, 1976), but since the magnitude of the right-hand side of Eq. B1 is dominated by (a^2) the multiplication of (ρg) is now omitted. This is the format of the data generated in the SOWM hindcasts. Each cell in Table B1 can be summed to yield the quantity ($1/2a^2$). The omission of (ρg) transforms the 'wave energy spectrum' into an 'energy variance spectrum' or more appropriately 'variance spectrum,' since the sum of each cell in Table B1 will equal the variance of the spectrum of the wave record it is representing. Likewise, the area under a variance spectrum curve as derived from the frequency spectrum totals in Table B1 will equal the variance of the spectrum represented.

WAVE HEIGHT

In Table B1 each quantity within the cells of the table has units of ft^2, and cells without any values contain component variances less than 0.01 ft^2. Such small values were considered insignificant, and were not retained in the output generated from the SOWM hindcast. The total variance of each spectrum can be converted to a spectral wave height parameter (H_{m_o}) which closely corresponds to the significant wave height ($\bar{H}_{1/3}$). The significant wave height on a wave record is defined as the average height of the highest one-third of the wave heights. The quantity ($\bar{H}_{1/3}$) has been shown to roughly approximate the characteristic wave height observed visually (Cartwright, 1964; Nordenstrom, 1969). The spectral wave height parameter (H_{m_o}) from Rayleigh statistics is defined as:

$$H_{m_o} = 4\ (m_o)^{\frac{1}{2}} \qquad \text{(B2)}$$

where m_o is the sum of the component variances of all cells of Table B1. The quantity (m_o) is commonly referred to as the moment of order zero. The correspondence between H_{m_o} and $\bar{H}_{1/3}$ is strictly valid for a spectrum with most of its energy or variance concentrated over a narrow range of frequencies, but the approximation in the cases with a broader spectrum is sufficiently close for most practical applications (World Meteorological Organization, 1976).

WAVE PERIOD

The choice of the modal or peak wave period (T_p) is based upon the 'variance densities' of the point spectrum. 'Variance densities' with dimension of ft^2-sec are obtained by dividing the variances by the frequency bandwidth. In the SOWM the bandwidths vary in size from 0.00560 to 0.1333 Hz. After dividing by the bandwidth, the energies are standardized with respect to one another. T_p can then be obtained by choosing the central frequency, or corresponding period, associated with the peak variance density. In Table B1, T_p is associated with the central frequency of 0.117 Hz, which equates to a period of 8.5 seconds. The problem

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associated with an ill-defined modal period of a specific spectrum, as occurs when there is only a small difference between the variance densities of two or more frequency bands, is minimized due to the large number of spectra included in the summaries presented in this atlas.

WAVE SLOPE

The slope associated with very high waves is considered by many ship designers to be a major contribution to operational failures. The wave slope is often estimated using the ratio of the wave height (H) to the wave length (L). However, the relationship usually used to obtain the wave length:

$$L = 5.12T^2 \qquad \text{(B3)}$$

where T is the wave period in seconds and L is the wave length in feet is valid only when the wave is a simple periodic sine wave. Pierson (1955) clearly states that Eq. B3 does not hold for the irregular sea surface. The assumptions under which Eq. B3 was derived are violated outside of the wave tank. An alternative method of estimating the wave slope is needed. Since the SOWM provides a frequency spectrum of wave energy this information is used directly in this atlas to calculate a wave slope parameter (α).

The wave slope parameter, α, is defined by:

$$\alpha = (m_4)^{\frac{1}{2}}/g \qquad \text{(B4)}$$

where m_4 is the moment of order four (the fourth moment). The moments are defined by:

$$m_n = \sum_{i=1}^{\kappa} V_i \omega_i^{\,n} \qquad \text{(B5)}$$

where ω is the circular frequency, n is the order of the moment, V_i is a component variance, and κ is the number of frequency bands. The parameter α is the root mean square of the absolute slope at any fixed point. Cummins and Bales (1980) derived the wave slope parameter α. It should be noted that α is more strongly influenced by the shorter, higher frequency components of the spectrum than by the

larger, longer, but not so steep waves near the modal frequency. Thus, a "rough sea" as measured by α, does not necessarily imply a "high sea." Information regarding the significance of its range of values can be calculated from the derivation of the root mean square wave slope of a regular wave. The resulting equation is (Gentile, 1982):

$$\alpha = \sqrt{2}\,\frac{\pi}{}\,\frac{H_w}{L_w} \qquad \text{(B6)}$$

where H_W is the wave height (crest to trough) and L_W is the wave length. Information in Table B3 is based upon Eq. B6.

TABLE B3

APPROXIMATE VALUES OF WAVE LENGTH TO WAVE HEIGHT FOR ASSOCIATED VALUES OF THE WAVE SLOPE PARAMETER (α)

Wave Slope Parameter (α)	Ratio Wave Length (L) to Wave Height (H)	Angle of Wave Slope $\tan^{-1}$ (H/L)
0.01	222.0	0.3°
0.02	111.0	0.5°
0.03	74.0	0.8°
0.04	55.5	1.0°
0.05	44.4	1.3°
0.06	37.0	1.5°
0.08	27.8	2.1°
0.10	22.2	2.6°
0.11	20.2	2.8°
0.12	18.5	3.1°
0.13	17.1	3.3°
0.14	15.9	3.6°
0.15	14.8	3.9°

PRIMARY WAVE DIRECTION DIRECTIONALITY

The primary wave direction (PWI directionality ($_c$) are two parameter derived from the directional spectrum opposed to the frequency spectrum tot definition of the PWD is taken direct FLENUMOCEANCEN's 1981 version operational SOWM computer program 1981). The PWD is determined by a process. First, the maximum varian the directional totals is identified. one of the twelve directional bands. following true-false tests are pe sequence.

$$V_m > \sqrt{2}\,[\sum_{i=1}^{12} V_i] \quad i \neq m$$

$$V_{m,m+1} > \sqrt{2}\,[\sum_{i=1}^{12} V_i] \quad i \neq m$$

$$V_{m,m+1,m-1} > \sqrt{2}\,[\sum_{i=1}^{12} V_i] \quad i \neq m$$

where i is one of the 12 directional V_{m+1} is the higher of the directional variances.

If Eq. B7 is true, then the

IMARY WAVE DIRECTION AND DIRECTIONALITY

primary wave direction (PWD) and the ionality ($_c$) are two parameters which are d from the directional spectrum totals as d to the frequency spectrum totals. The ion of the PWD is taken directly from the OCEANCEN's 1981 version of their ional SOWM computer program (Lazanoff, . The PWD is determined by a multi-step . First, the maximum variance (V_m) in ectional totals is identified, where m is the twelve directional bands. Next, the wing true-false tests are performed in .

$$> \sqrt{2}\ [\sum_{i=1}^{12} V_i]\ i \neq m \qquad (B7)$$

$$_{,+1} > \sqrt{2}\ [\sum_{i=1}^{12} V_i]\ i \neq m \qquad (B8)$$

$$_{,m+1,m-1} > \sqrt{2}\ [\sum_{i=1}^{12} V_i]\ i \neq m \qquad (B9)$$

is one of the 12 directional bands, and is the higher of the two adjacent ional variances.

Eq. B7 is true, then the I is the direction associated with V_m. If B7 is false, Eq. B8 is tested; and thusly for Eq. B9. For the first successful test of Eq. B8 or B9, the vectors defined by the directions and variances of the quantities on the left-hand side of the inequalities are summed and the resultant direction defined as the PWD. If Eq. B9 is false, then the PWD is not defined, and a confused sea state is assumed. The methodology used for defining the PWD is somewhat arbitrary, but the technique has proved quite useful operationally (Lazanoff, 1981).

The degree of directionality is defined by:

$$\rho_c = (\rho_x^2 + \rho_y^2)^{1/2} \qquad (B10)$$

where

$$\rho_c = (1/m_o) \sum_{i=1}^{12} V_i \sin \Theta_i \qquad (B11)$$

$$\rho_y = (1/m_o) \sum_{i=1}^{12} V_i \cos \Theta_i \qquad (B12)$$

The angle Θ is the direction associated with the variances in the directional spectrum totals. The directionality has a value of one for an unidirectional sea state, and a value of zero when there is a completely symmetric distribution of variance around the compass. This parameter has the same properties as the 'constancy' parameter, often used in climatological wind summaries.

APPENDIX C

SOME APPLICATIONS OF CONTINGENCY TABLES

1. Question: What is the Climatological probability of having wave heights less than 20 ft at 41°N, 004°E in Autumn?

Sample Application: A war at sea exercise is planned for 10 through 19 November at 41°N, 004°E. In order to complete all phases of the exercise within the 10 day period available, at least 7 days (not necessarily consecutive) with significant wave heights less than 20 feet are needed. Based on climatology, will 10 days probably be enough time to complete all phases of the exercise?

Answer: Proceed to the November wave height and wind speed contingency table for the grid point nearest to 41°N, 004°E. From Table 1 or Fig. 1 (Mediterranean map) we find that this is the contingency table for sequence number 5. (For illustrative purposes the contingency table from the "Legends for Tables" is used in the following solution.) The climatological probability of having wave heights <20 ft can be found by adding the percent frequency of occurrences in the "T" or total column for wave heights <20 ft. The result is 2+3+9+14+20+17 = 65%. This means that on the average 65% of the time waves less than 20 ft will be encountered during November. Since 10 days have been allowed for the exercise on average 10 X .65 = 6.5 days will have significant wave heights less than 20 ft. Thus based on climatology, 10 days probably not be enough tir complete the exercise. How if the exercise period coul extended to 11 days, on av 7.2 days (.65 X 11) would less than 20 ft waves and exercise could probably completed.

2. Question: How can the tables be utiliz predict the efficiency o vessel, system, or operation a given area and time of year?

Answer: Operational enhancement environmental tuning may realized through the foll procedure:

(a) Identify the de acceptable joint frequency occurrence for the parameter interest, i.e., wave height wind direction, wave height wave slope, etc.

(b) Extract the joint pe frequency of occurrence for parameter(s) of interest fro appropriate contingency tabl the desired time interval (m season, or annual), for area(s) of interest.

(c) Derive probabilities efficiency by determining percent of the time that identified environm conditions fall within desired operable limits.

3. Question: How can the tables be use assess how the environment have been a contributing f in the failure or damage system, operation, or equip (Note: This does not pertai failures due to a spe episode, but rather to fai which result from cumul stresses over a signif portion of the s "lifespan").

limatology, 10 days will robably not be enough time to mplete the exercise. However, f the exercise period could be xtended to 11 days, on average days (.65 X 11) would have ss than 20 ft waves and the kercise could probably be mpleted.

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erational enhancement by nvironmental tuning may be alized through the following rocedure:

1) Identify the desired cceptable joint frequency of ccurrence for the parameters of nterest, i.e., wave height and ind direction, wave height and ave slope, etc.

2) Extract the joint percent requency of occurrence for the rameter(s) of interest from the ppropriate contingency table for he desired time interval (month, eason, or annual), for the rea(s) of interest.

3) Derive probabilities of fficiency by determining the ercent of the time that the dentified environmental onditions fall within the sired operable limits.

w can the tables be used to ess how the environment may ve been a contributing factor the failure or damage of a stem, operation, or equipment? ote: This does not pertain to ilures due to a specific mode, but rather to failures ich result from cumulative osses over a significant rtion of the ship's ifespan").

Answer: Inputs to assess environmental impact on a system of operation may be gathered by:
(a) Identify the area(s), time (month) of failure or damage.
(b) Identify the wind and wave conditions which if exceeded would probably cause damage or failure.
(c) Derive the percent of occurrence of conditions, exceeding those conditions identified in Step 2, for the corresponding area(s) and time (Silver and Bales, 1983).

4. Question: How can these tables assist in ship design?

Answer: For example, U. S. Navy ship designers follow four steps when applying the information contained in this atlas to design.
(a) Define the mission of the vessel, and determine the significant wave heights in which the mission must be performed at required levels of efficiency.

EXAMPLE

Mission	Maximum Allowable Ship Motion	Sig Wav
Operation of Aircraft	5° roll	<13
Continuous Total Mission	10° roll	13-
Limited Operation	15° roll	20-
Survivability	N/A	>46

(b) Identify the area(s) of operation.
(c) Extract wave height percent of occurrences from the Wave Height and Modal Wave Period Contingency Table for the appropriate area(s). This can be done monthly and annually.
(d) To calculate ship responses derive the percentage of successful, limited, and unsuccessful mission operation by using the percent frequencies of occurrence of the significant wave height operating envelopes with the joint frequencies of occurrence of significant wave height and modal wave period (Bales, 1983; Comstock, Bales, and Gentile, 1982). If the percentages of success derived in Step (d) are unsatisfactory for operating specifications the designer must fine tune the vessel's hull configuration to meet the operating envelope.

5. Question: How c in pl

Answer: Ship enhan atlas simil desig ocean desir time (a) the s heigh speci (b) geogr (c) which (e.g. occu heigh occu extr the tabl

EXAMPLE

Maximum Allowable Ship Motion	Significant Wave Height
5° roll	<13 ft (4m)
10° roll	13-20 ft (4-6m)
15° roll	20-30 ft (6-9m)
N/A	>46 ft (14m)

5. Question: How can these tables be utilized in planning a ship trial?

Answer: Ship trial planning can be enhanced through the use of this atlas by following a procedure similar to that used by the ship designer to identify areas of the ocean likely to provoke the desired ship motions at a given time of the year.

(a) The first step is to define the seaway (upper and lower wave height limits) best suited for specific tasks of the ship trial.

(b) Identify the general geographic area of the trial.

(c) Identify the times (months) which have acceptable probability (e.g., 50%, 75%, 80%, etc.) of occurrence of the desired wave heights. Probabilities of occurrence can be derived by extracting the wave height from the wave height contingency tables.

APPENDIX D

DURATION AND INTERVAL TABLES

In the seasonal tables, durations and intervals that are underway at the beginning of a season are treated as if they began on the first day of the season. The other alternative, going backwards in time into the previous season to search for the actual beginning time, was considered less appropriate for planning purposes. When a mobile platform (ship) arrives at a location at some arbitrary time, the duration of the current episode previous to the ship's arrival is not usually important. The ship is affected only by the number of hours the episode is likely to continue for the time the ship remains in that vicinity. It is not particularly important that the beginning of a season was used for the start-up of duration or interval frequencies, whereas, actual operations may be scheduled to begin at times other than the beginning of the season; episodes are likely to occur in a near-random manner through the course of specific seasons. In terminating durations and intervals, episodes that carried beyond the end of the season were counted until they actually ended or they continued for more than one season (90 days), whichever occurred first. This prevents episodes from becoming artificially short simply due to the ending of the season. For example, if a plan calls for a ship to be at a specific location near the end of the season and remain in that vicinity for several weeks into the next season, the planner only needs to check the table for the season in which he plans to arrive and not a subsequent table for some later season.

In the summary tables covering all seasons, durations and intervals that are underway at the beginning and end of the period of record are not counted. These summary tables represent the wind or wave environment at a fixed position over the 10-year hindcast period. By assuming a stable climate and using appropriate statistical procedures, these tables can be used to estimate conditions which would affect a fixed platform for the expected lifetime of the platform at a fixed position.

Missing data were not replaced wit estimated values. When missing data wer encountered, the ongoing and subsequent episode were excluded from the duration and interva frequencies. This tends to reduce the number c very long-duration events common to the summar tables covering all seasons. It has littl effect on the statistics for shorter duratic phenomena.

Definitions of column trailers in the duratic and interval tables (see 'Legends for Tables' are as follows:

MAX: The maximum duration (c interval) in hours, followed b the number of times an episode c that length occurred. Th abbreviation "SEA" in th seasonal tables represent episodes that lasted one seasc or longer.

TE: The number of events satisfyin the stated criteria. An even begins with the wind speed, wav height or slope increasing to th given threshold.

TI: The number of intervals. Thes are episodes not satisfying th stated criteria. An interva begins with the wind speed, wav height or slope falling below th given threshold.

T: The total number of hindcast that were included in (TE) c (TI).

T*: The total number of hindcast that met the stated criteri This is more than T if missir data made the duration c interval impossible to determine It can be used to determine th probability of encountering th conditions specified (b computing T*/TH).

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TH: The total number of hindcasts examined.

If the number of the 'duration of events' or 'intervals between events' exceeds 999, the symbol 'K' is used to denote thousands, and the '$\geq$' symbol is used to denote greater than or equal to. For example, $\geq$1K implies greater than or equal to 1,000 durations or intervals. In order to correctly interpret the tabulations, specific examples of the various types of duration and interval tables are provided in the 'Legends for Tables.'

When answering questions using the duration and interval tables, it is important to distinguish between questions that require the use of the number of episodes and those that require the number of hindcasts. Answers for questions regarding the percentage of time at or above, or below, certain thresholds require the use of the number of hindcasts. On the other hand, questions concerned with the percentage of episodes at or above, or below, certain thresholds demand the use of episode frequencies, where a one-day episode and a 60-day episode will each count as one episode.

The following examples are provided to illustrate applications of the tables. The numbers in the examples are extracted from the sample tables in the legends. Regardless of the type of parameter used (wind speed, wave height or slope), the procedures are not altered.

APPLICATIONS OF DURATION AND INTERVAL TABLES

1. Question: Of all the events with winds of 34 knots or more during a particular season, what percentage had durations of longer than one day?

Sample Application: Winds have just increased to gale force (34 knots or more) at a ship's location. What is the climatological probability that the gale force winds will persist longer than one day?

Answer: The number of events (or episodes) ≥34 knots is 39 (from the TE column of the duration table in the 'Legends for Tables'). The number of events of winds ≥34 knots lasting more than one day is 1 + 3 + 1 + 1 = 6. The percentage of events with winds ≥34 knots lasting one day or more is thus 6 39 X 100% = 15.4%.

2. Question: What percentage of the time during a particular season can waves greater than or equal to 20 ft be expected to persist longer than 24 hours?

Sample Application: Carrier flight operations have been scheduled for a specified operating area during a particular season. Flight operations need to commence within 24 hours of arrival within the operating area. They cannot be conducted if the significant wave height is 20 ft or more. What is the climatological probability that the carrier will be unable to conduct flight operations in the operating area for more than 24 hours due to high seas?

Answer: This problem involves computations using hindcasts from the seasonal duration table rather than episodes from the duration table since we are answering a question regarding the percentage of time. The solution can be found by computing the joint percentage as follows: (percent of waves ≥20 ft times percent of ≥20 foot waves that persist longer than 24 hours). Note that the percent of ≥20 foot waves that lasted <24 hours plus the percent of ≥20 foot waves that lasted ≥24 hours is 100% so we can compute

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Duration	Hindcasts Per Event	Freq (Fro
6 hours	1	X
12 hours	2	X
18 hours	3	X
24 hours	4	X

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3. Question: Considering all
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whichever is easier and subtract from 100% if necessary. Percentages are used because of the difference between T and T* caused by missing data. Step 1. Compute the percent of ≥20 foot waves that lasted >24 hours. In this example it will be easier to find the percent for ≤24 hours then subtract from 100% to obtain the percent we require. This requires the calculation of the total number of hindcasts meeting this criterion.

This procedure is as follows:

Duration	Hindcasts Per Event		Frequency (From Table)		Hindcasts ≥20 ft Lasting ≤24 Hours
6 hours	1	X	7	=	7
12 hours	2	X	2	=	4
18 hours	3	X	8	=	24
24 hours	4	X	7	=	28
			TOTAL:		63

Thus, the percent of ≥20 foot waves that lasted ≤24 hours is (63 175) X 100% = 36.0%. The percent of ≥20 foot waves lasted >24 hours is 100% - 36.0% = 64.0%.
Step 2. The percent of waves ≥20 feet is (T*/TH) X 100% or (181 1236) X 100% = 14.6%.
Step 3. The answer is 64.0% X 14.6% = 9.4%

NOTE: If an answer is required for a period which spans two seasons an approximate procedure would be to calculate the answer for each season to get a range of expected duration or intervals.

3. Question: Considering all the intervals between events with significant wave heights greater than or equal to 9 feet during a specific season, what percentage persisted more than 24 hours?

Sample Application: A tug has just arrived at the location of a salvage operation. Seas are less than 9 ft. In order to successfully conduct the salvage operation, the significant wave height must remain less than 9 ft for at least 24 hours. What is the climatological probability that the operation can successfully be conducted?

Answer: This problem involves the use of the seasonal interval tables, since we want intervals between wave height ≥9 ft. The number of intervals between events of waves ≥9 ft is 72 (from the TI column of the interval table). The number of intervals between events (episodes) of wave height ≥9 ft lasting 24 hours or less is 12 + 13 + 5 + 8 = 38. The percentage of intervals between waves ≥9 ft lasting 24 hours or less is thus (38 72) X 100% = 52.8%. In other words, 52.8% of all the episodes with waves <9 ft persisted 24 hours or less, and the percentage of <9 ft wave episodes lasting longer than 24 hours is 100% - 52.8% = 47.2%. Thus, the climatological probability that the operation can successfully be conducted is 47.2%.

4. Question: What percentage of the time can significant wave heights less than 12 ft be expected to persist longer than two days?

Sample Application: A particular location is being considered as an ASW (anti-submarine warfare) exercise area. Significant wave heights

less than 12 ft are required for the exercises, which normally last at least two days. On an annual basis, what percentage of the time could exercises be successfully conducted at the location?

Answer: This problem requires the use of hindcast frequencies from the interval table which summarizes all seasons. We proceed following the steps outlined in Question 2. Step 1. Compute the percent of <12 ft waves that lasted >2 days. This requires estimation of the total number of hindcasts meeting this criterion. Estimation is necessary because beyond one day, the 0.25 day resolution of the hindcasts is lost in the summary process, so we must approximate the average number of hindcasts per interval. Since the 1 to 2 day interval includes episodes consisting of 1.25, 1.5, 1.75 and 2 days (that is 5, 6, 7, and 8 hindcasts), the average hindcasts per interval is

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6.5. In this example it will be easier and more accurate to find the percent for ≤2 days then subtract from 100 to obtain the percent we require. The procedure is as follows:

Interval	Hindcasts per Interval		Frequency (From Table)		Hindcasts Not ≥12 Ft Lasting ≤2 Days
0.25 day	1	X	53	=	53
0.50 day	2	X	34	=	68
0.75 day	3	X	25	=	75
1 day	4	X	15	=	60
1-2 days	6.5	X	52	=	338
			TOTAL:		594

Thus, the percent of <12 foot waves that lasted <2 days is (594 -9056) X 100% = 6.6%. The percent of <12 foot waves that lasted >2 days is 100% - 6.6% = 93.4%.

Step 2. The percent of waves <12 ft is (T*/TH) X 100% or (10761-13606) X 100% = 79.1%.

Step 3. The answer is 93.4% X 79.1% = 73.9%.

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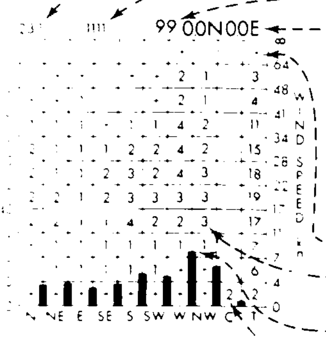
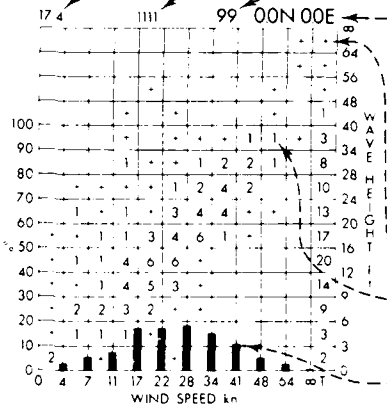
LEGENDS FOR TABLES

ND DIRECTION AND SPEED



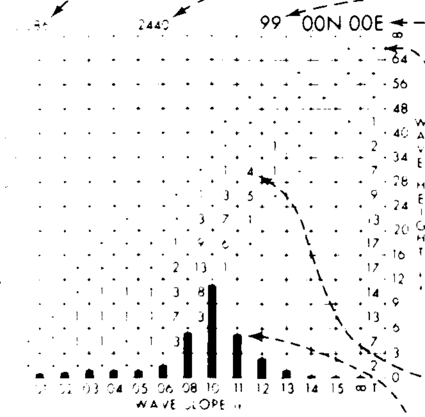
- Scalar mean speed (kn).
- Number of hindcasts.
- Sequence number.
- LATITUDE AND LONGITUDE
- Direction frequency (left scale): Bars are percentages for each wind direction. Speed frequency (right scale): Numbers are percentages of wind speed by direction.
- C = Calm wind. T = Total.
- + Means >0 but <0.5%.
- <0.5% Of the winds were ≥64 kn.
- 3% Of the winds were from the NW with speeds ≥11 kn. and <17 kn.
- 22% Of the winds were from the west.
- 2% Of the winds were calm.

WAVE HEIGHT AND WIND SPEED



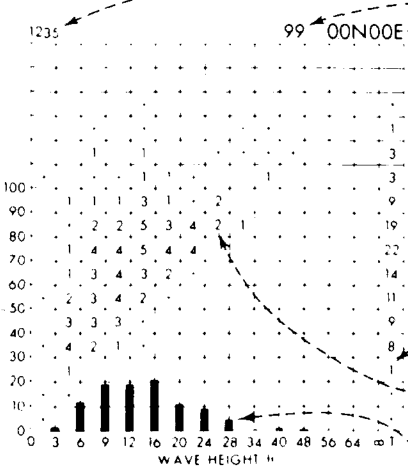
- Mean wave height (ft).
- Number of hindcasts.
- Sequence number.
- LATITUDE AND LONGITUDE
- Wind speed frequency (left scale): Bars are percentages for each wind speed category. Wave height frequency (right scale): Numbers are percentages of wave height for various wind speeds. T = Total. + Means >0 but <0.5%.
- <0.5% Of the wave heights were ≥64 ft. (19.5m).
- 1% Of the winds were ≥48 kn. but <64 kn. with wave heights ≥34 ft. (10.4m) but <40 ft. (12.2m).
- 11% Of the wind speeds were ≥34 kn. but <41 kn.

AVE HEIGHT AND WAVE SLOPE α

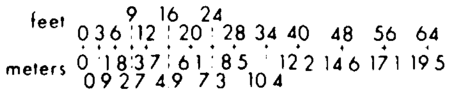


- Mean wave slope α
- Number of hindcasts.
- Sequence number
- Latitude and longitude
- Wave slope α frequency (left scale). Bars are percentages for each wave slope category. Wave height frequency (right scale). Numbers are percentages of wave height vs wave slope α. T = Total + Means >0 but <0.5%.
- <0.5% Of the wave heights were ≥64 ft (19.5m)
- 4% Of the wave slopes (α) were ≥11 but <12 with wave heights ≥28 ft (8.5m) but <34 ft (10.4m)
- 17% Of the wave slopes (α) were ≥10 but <11

WAVE HEIGHT AND MODAL WAVE PERIOD



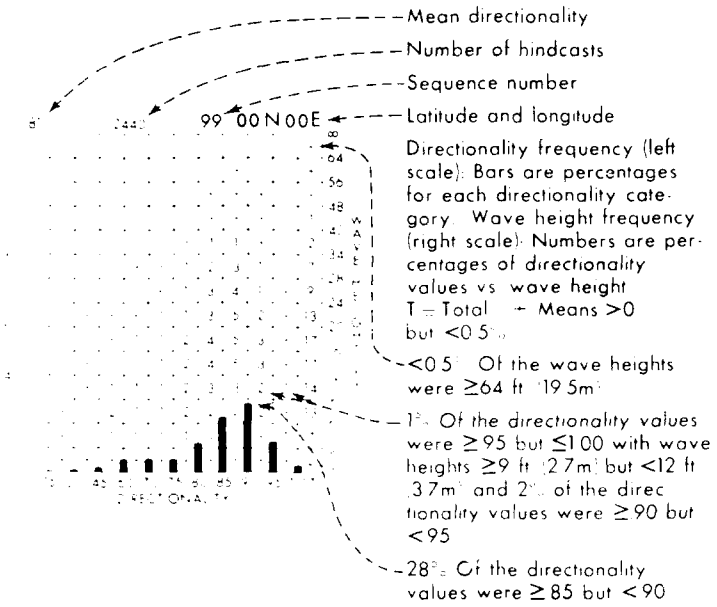
- Number of hindcasts
- Sequence number
- Latitude and longitude
- Wave height frequency (left scale). Bars are percentages for each wave height category. Period frequency (right scale). Numbers are percentages of wave height vs period. T = Total U = Undefined + Means >0 but <0.5%
- 1% Of the wave periods were ≥4.1 s but <5.7 s
- 2% Of the wave heights were ≥24 ft (7.3m) but <28 ft (8.5m) with periods ≥11.6 s but <13.3 s
- 4% Of the wave heights were ≥24 ft (7.3m) but <28 ft (8.5m)



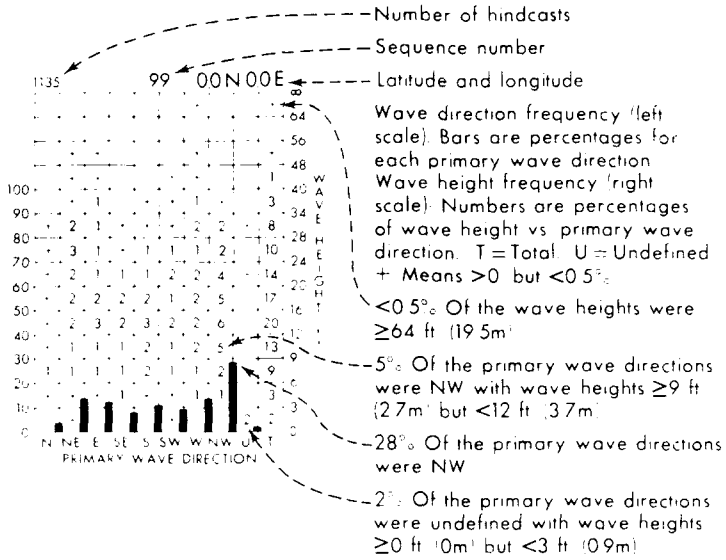
1 of 5

LEGENDS FOR TABLES

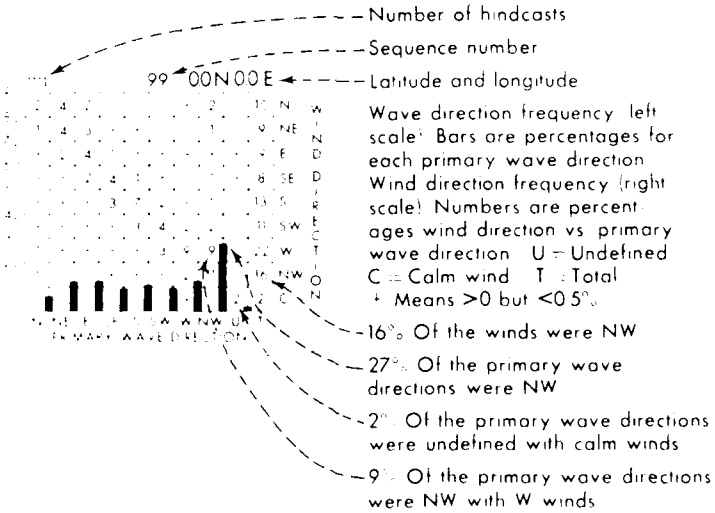
WAVE HEIGHT AND DIRFCTIONALITY



WAVE HEIGHT AND PRIMARY WAVE DIRECTION



PRIMARY WAVE DIRECTION AND WIND DIRECTION

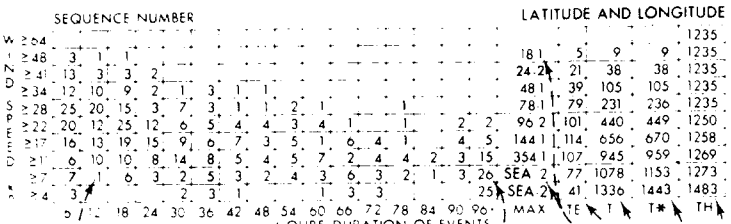


feet 0 3 6 9 12 16 20 24 28 34 40 48 56 64

meters 0 1 8 3 7 6 1 9 5 8 5 12 2 14 6 17 1 19 5
0 9 2 7 4 9 7 3 10 4

LEGENDS FOR TABLES

WIND SPEED DURATIONS-SEASONAL



1 Event with wind speeds ≥7 kn. persisted 12 hours; 26 events persisted ≥96 hours.

The longest event with wind speeds ≥7 kn. persisted for 1 season or more and it occurred 2 times.

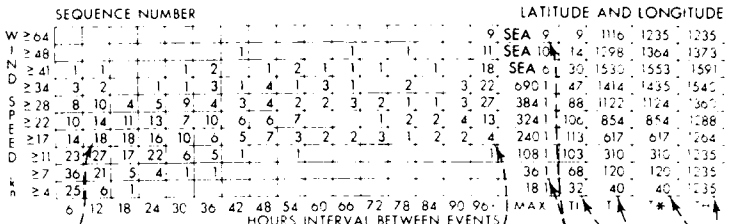
The longest event with wind speeds ≥48 kn. persisted 18 hours and it occurred 1 time

41 Events had wind speeds ≥4 kn. which comprised a total of 1,336 hindcasts

1,483 Hindcasts were examined, and 1,443 had wind speeds ≥4 kn

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

WIND SPEED INTERVALS - SEASONAL



There were 18 12-hour intervals between events of wind speeds ≥17 kn.; 4 intervals persisted 96 hours or more

The longest interval between events of wind speeds ≥7 kn was 36 hours and it occurred 1 time.

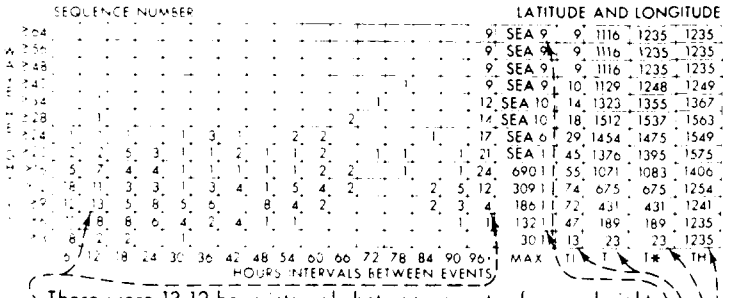
The longest interval between events of wind speeds ≥64 kn. was 1 season or more and it occurred 9 times.

There were 32 intervals between events of wind speeds ≥4 kn which comprised a total of 40 hindcasts.

1,235 Hindcasts were examined, and 40 had wind speeds <4 kn

Intervals for a particular season extend from the time the event ends (or the first day of the season the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season

WAVE HEIGHT INTERVALS - SEASONAL



There were 13 12-hour intervals between events of wave heights ≥9 ft (2.7m), 4 intervals persisted 96 hours or more

The longest interval between events of wave heights ≥6 ft (1.8m) was 132 hours and it occurred 1 time

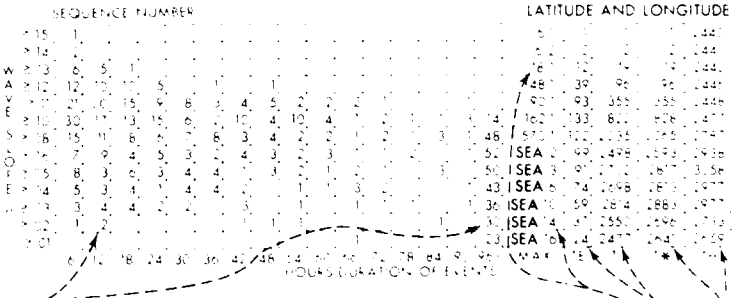
The longest interval between events of wave heights ≥64 ft. (19.5m) was 1 season or more and it occurred 9 times.

There were 13 intervals between events of wave heights ≥3 ft (0.9m) which comprised a total of 23 hindcasts

1,235 Hindcasts were examined, and 23 had wave heights <3 ft (0.9m)

Intervals for a particular season extend from the time the event ends (or the first day of the season if the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season

WAVE SLOPE α DURATIONS - SEASONAL



2 Events with α ≥0.02 persisted 12 hours, 30 events persisted ≥96 hours

The longest event with α ≥0.13 persisted 18 hours and it occurred 1 time

The longest event with α ≥0.02 persisted for 1 season or more and it occurred 14 times

24 Events had α ≥0.01 which comprised a total of 2,477 hindcasts

2,659 Hindcasts were examined, and 2,641 had α ≥0.01

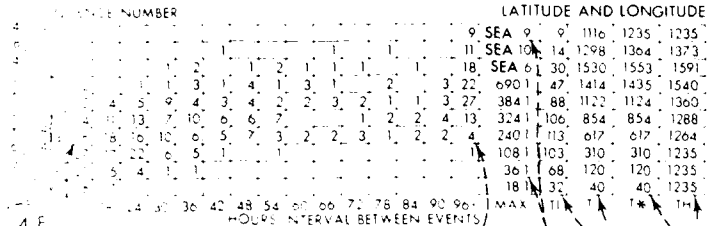
Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress) and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season

ABBREVIATIONS (See text for details)

MAX Maximum duration or interval, followed by the number of occurrences
TE or TI Total number of events or intervals
T Total number of hindcasts included in TE or TI
T* Total number of hindcasts that met the stated criteria
TH Total number of hindcasts examined

LEGENDS FOR TABLES

SPEED INTERVALS - SEASONAL



There were 18 12-hour intervals between events of wind speeds ≥17 kn, 4 intervals persisted 96 hours or more.

The longest interval between events of wind speeds ≥7 kn was 36 hours and it occurred 1 time.

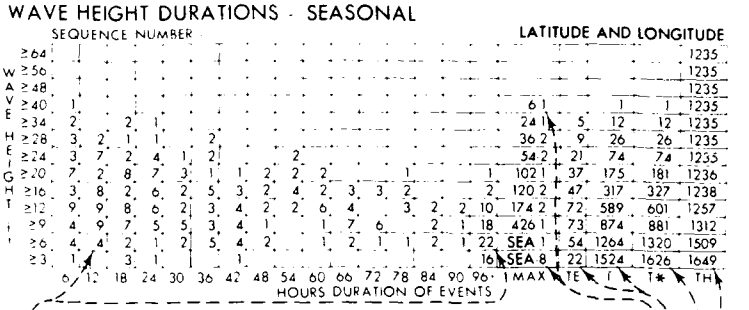
The longest interval between events of wind speeds ≥64 kn. was 1 season or more and it occurred 9 times.

There were 32 intervals between events of wind speeds ≥4 kn. which comprised a total of 40 hindcasts.

1,635 Hindcasts were examined, and 40 had wind speeds <4 kn.

Intervals for a particular season extend from the time the event ends (or the first day of the season the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

WAVE HEIGHT DURATIONS - SEASONAL



4 Events with wave heights ≥6 ft. (1.8m) persisted 12 hours; 22 events persisted ≥96 hours.

The longest event with wave heights ≥3 ft. (0.9m) persisted 1 season or more and it occurred 8 times.

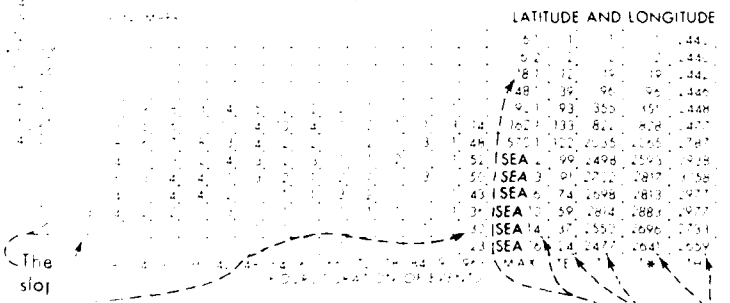
The longest event with wave heights ≥40 ft. (12.2m) persisted for 6 hours and it occurred 1 time.

22 Events had wave heights ≥3 ft. (0.9m) which comprised a total of 1,524 hindcasts.

1,649 Hindcasts were examined, and 1,626 had wave heights ≥3 ft (0.9m).

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

SLOPE α DURATIONS - SEASONAL



Events with α ≥0.02 persisted 12 hours, 30 events persisted 6 hours.

The longest event with α ≥0.13 persisted 18 hours and it occurred 1 time.

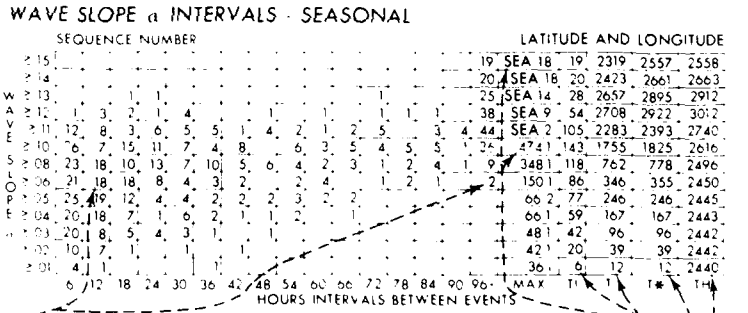
The longest event with α ≥0.02 persisted for 1 season or more and it occurred 14 times.

Events had α ≥0.01 which comprised a total of 2,477 hindcasts.

2,477 hindcasts were examined, and 2,641 had α ≥0.01.

Durations for a particular season extend from the time the event begins (or the first day of the season if already in progress), and terminate when the event ends. Events become undefined if missing data is encountered. Durations lasting a season or more are categorized together. Durations may persist into the next season.

WAVE SLOPE α INTERVALS - SEASONAL



There were 18 12-hour intervals between events of wave slopes ≥0.06, 2 intervals persisted 96 hours or more.

The longest interval between events of wave slopes ≥0.10 was 474 hours and it occurred 1 time.

The longest interval between events of wave slopes ≥0.15 was 1 season or more and it occurred 18 times.

There were 6 intervals between events of wave slopes ≥0.01 which comprised a total of 12 hindcasts.

2,440 Hindcasts were examined, and 12 had wave slopes <0.01.

Intervals for a particular season extend from the time the event ends (or the first day of the season if the event is not in progress), and terminate when the event begins. Intervals become undefined if missing data is encountered. Intervals lasting a season or more are categorized together. Intervals may persist into the next season.

Details

The number of occurrences

feet 0 3 6 9 12 16 20 24 28 34 40 48 56 64

meters 0 1 8 3 7 6 1 8 5 12 2 14 6 17 1 19 5 0 9 2 7 4 9 7 3 10 4

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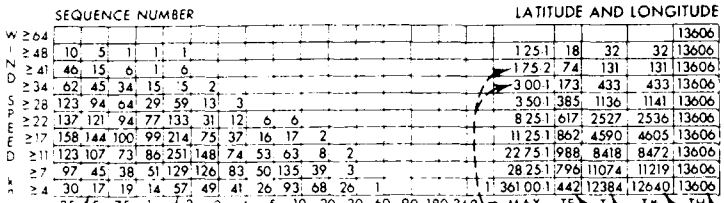
LEGENDS FOR TABLES

WIND SPEED DURATIONS - ENTIRE DATA SET



17 Events with wind speeds ≥4 kn. persisted 0.5 day; 57 events persisted >1 day but ≤2 days.

The longest event with wind speeds ≥41 kn. persisted 1.75 days and it occurred 2 times

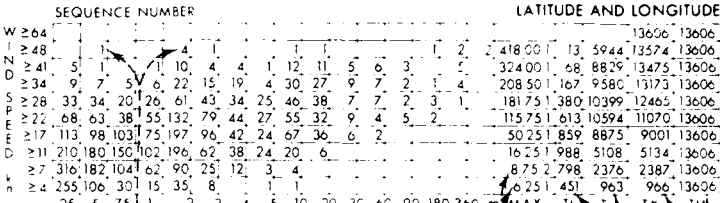
The longest event with wind speeds ≥34 kn. persisted 3 days and it occurred 1 time

442 Events had wind speeds ≥4 kn. which comprised a total of 12,384 hindcasts

13,606 Hindcasts were examined, and 12,640 had wind speeds ≥4 kn

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered

WIND SPEED INTERVALS - ENTIRE DATA SET



1 Interval between events of wind speeds ≥48 kn. persisted 0.5 day; 4 intervals persisted >1 day but ≤2 days.

The longest interval between events of wind speeds ≥4 kn. was 6.25 days and it occurred 1 time.

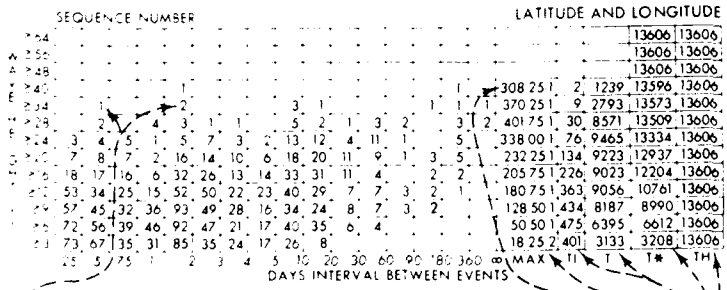
The longest interval between events of wind speeds ≥7 kn. was 8.75 days and it occurred 2 times.

There were 451 intervals between events of wind speeds ≥4 kn. which comprised a total of 963 hindcasts

13,606 Hindcasts were examined, and 966 had wind speeds <4 kn.

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

WAVE HEIGHT INTERVALS - ENTIRE DATA SET



1 Interval between events of wave heights ≥34 ft. (10.4m) persisted 0.5 day, 2 intervals persisted >1 day but ≤2 days.

The longest interval between events of wave heights ≥3 ft. (0.9m) was 18.25 days and it occurred 2 times

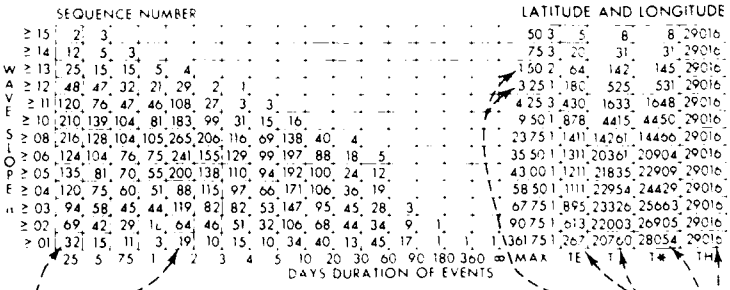
The longest interval between events of wave heights ≥40 ft. was 308.25 days and it occurred 1 time.

There were 401 intervals between events of wave heights ≥3 ft. (0.9m) which comprised a total of 3,133 hindcasts

13,606 Hindcasts were examined, and 3,208 had wave heights <3 ft. (0.9m)

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered

WAVE SLOPE α DURATIONS - ENTIRE DATA SET



32 Events with α ≥0.01 persisted .25 day, 19 events persisted >1 day but ≤2 days.

The longest event with α ≥0.12 persisted 3.25 days and it occurred 1 time

The longest event with α ≥0.13 persisted 1.50 days and it occurred 2 times

267 Events had α ≥0.01 which comprised a total of 20,760 hindcasts.

29,016 Hindcasts were examined, and 28,054 had α ≥0.01

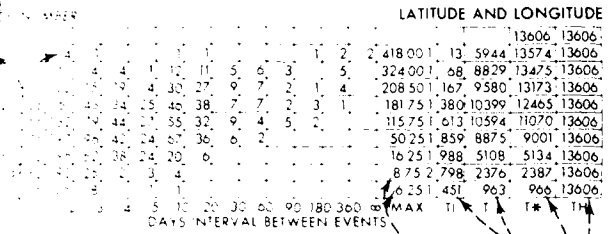
Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered

ABBREVIATIONS (See text for details)

MAX Maximum duration or interval, followed by the number of occurrences
TE or TI Total number of events or intervals
T Total number of hindcasts included in TE or TI
T*. Total number of hindcasts that met the stated criteria
TH Total number of hindcasts examined

LEGENDS FOR TABLES

D INTERVALS - ENTIRE DATA SET



: between events of wind speeds ≥48 kn. persisted 0.5
ervals persisted >1 day but ≤2 days.

gest interval between events of wind speeds ≥4 kn. was
s and it occurred 1 time

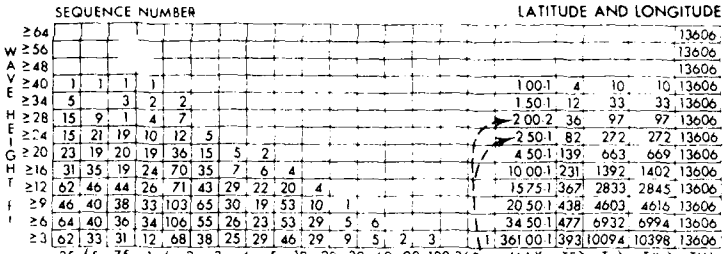
gest interval between events of wind speeds ≥7 kn. was
s and it occurred 2 times

ere 451 intervals between events of wind speeds
ich comprised a total of 963 hindcasts

ndcasts were examined, and 966 had wind speeds <4 kn

extend from the time the event ends and terminate when
begins. Intervals become undefined if missing data is
ered

WAVE HEIGHT DURATIONS - ENTIRE DATA SET



33 Events with wave heights ≥3 ft. (0.9m) persisted 0.5 day; 68 events persisted >1 day but ≤2 days.

The longest event with wave heights ≥28 ft. (8.5m) persisted 2 days and occurred 2 times.

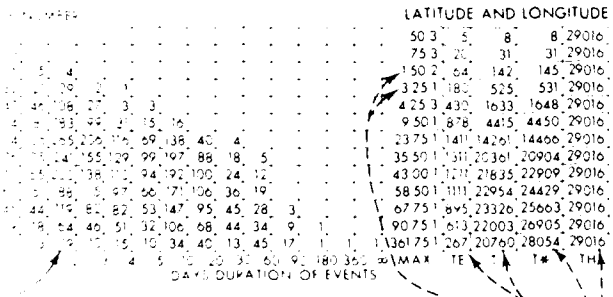
The longest event with wave heights ≥24 ft. (7.3m) persisted 2.5 days and occurred 1 time

393 Events had wave heights ≥3 ft. (0.9m) which comprised a total of 10,094 hindcasts.

13,606 Hindcasts were examined, and 10,398 had wave heights ≥3 ft. (0.9m).

Durations extend from the time the event begins and terminate when the event ends. Events become undefined if missing data is encountered.

E α DURATIONS - ENTIRE DATA SET



ts with α ≥0.01 persisted 25 day, 19 events persisted >1
≤2 days

gest event with α ≥0.12 persisted 3.25 days and it
s 1 time

gest event with α ≥0.13 persisted 1.50 days and it occurred

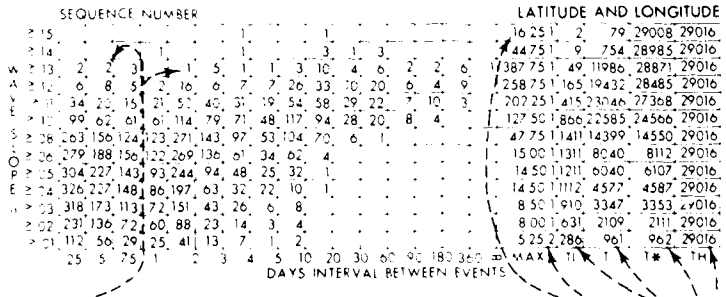
nts had α ≥0.01 which comprised a total of 20,760
s

Hindcasts were examined, and 28,054 had α ≥0.01

s extend from the time the event begins and terminate
e event ends. Events become undefined if missing data is
tered

umber of occurrences

WAVE SLOPE α INTERVALS - ENTIRE DATA SET



2 Intervals between events of wave slopes ≥0.13 persisted 0.5 day, 1 interval persisted >1 day but ≤2 days.

The longest interval between events of wave slopes ≥0.15 was 16.25 days and it occurred 1 time

The longest interval between events of wave slopes ≥0.01 was 5.25 days and it occurred 2 times

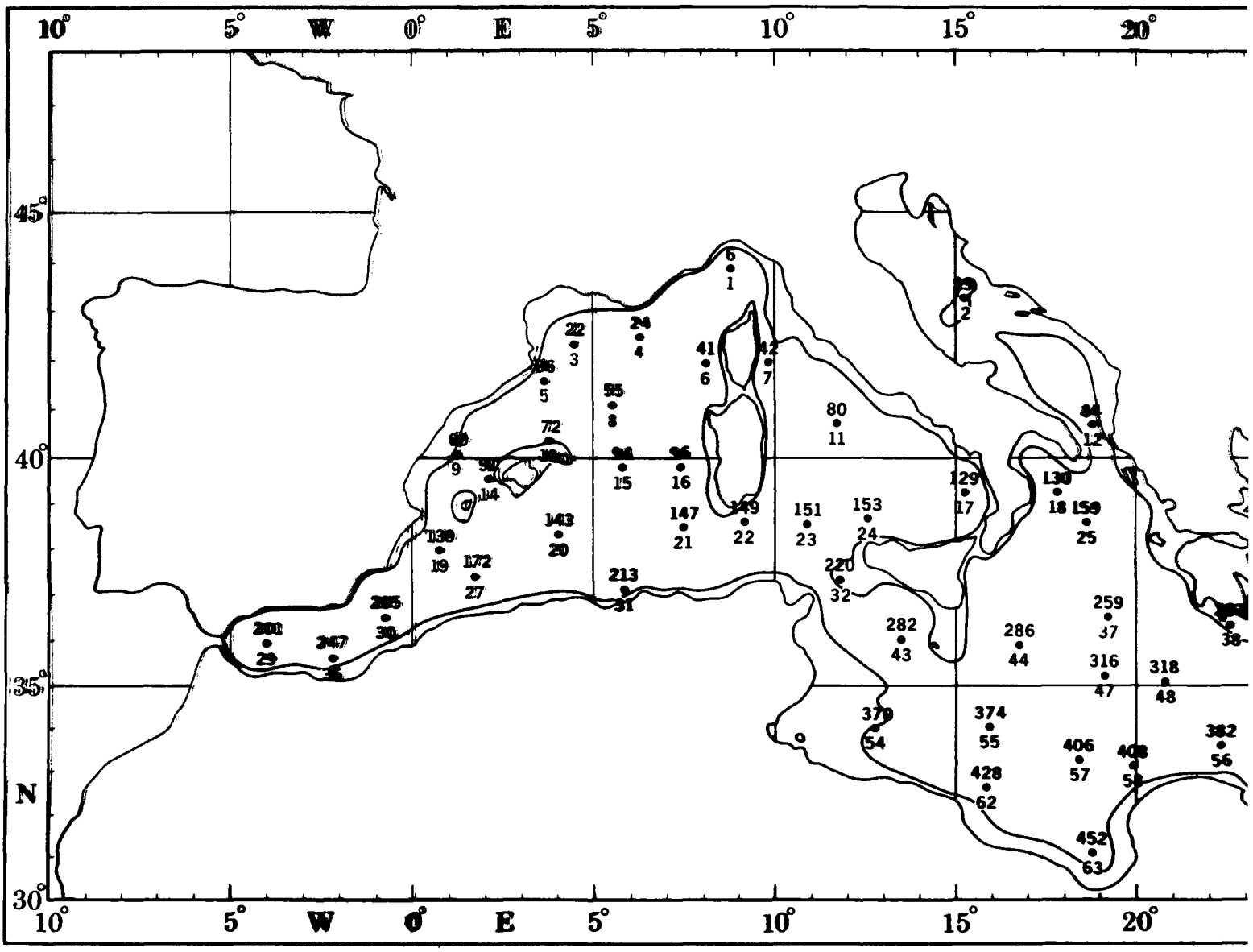
There were 286 intervals between events of wave slopes ≥0.01 which comprised a total of 961 hindcasts.

29,016 Hindcasts were examined, and 962 had wave slopes <0.01

Intervals extend from the time the event ends and terminate when the event begins. Intervals become undefined if missing data is encountered.

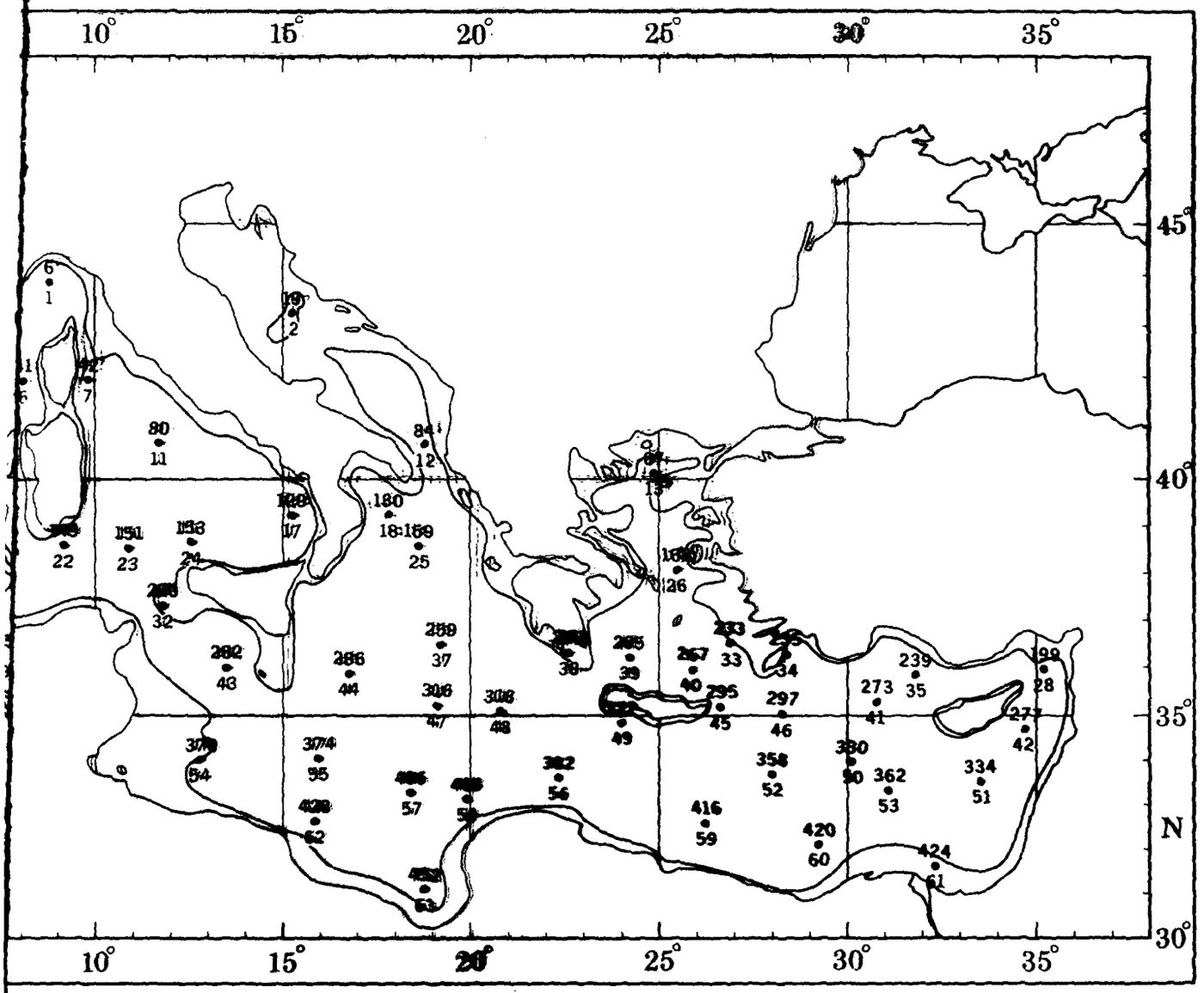
feet 9 16 24
6 12 20 28 34 40 48 56 64
meters 0 1.8 3.7 6.1 8.5 12.2 14.6 17.1 19.5
0.9 2.7 4.9 7.3 10.4

GRID POINT AND SEQUENCE NUMBERS



5 of 5

GRID POINT AND SEQUENCE NUMBERS



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