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WAVE INFORMATION STUDIES OF US COASTLINES

WIS REPORT 16

PACIFIC COAST HINDCAST PHASE II WAVE INFORMATION

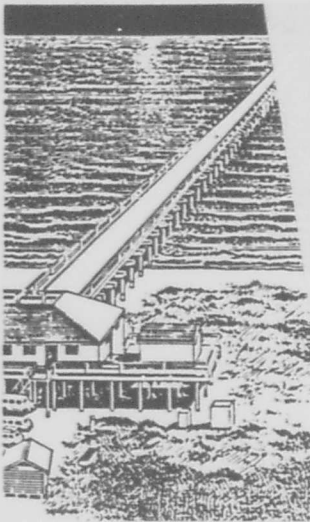
by

W. D. Corson, C. E. Abel, R. M. Brooks, P. D. Farrar, B. J. Groves, J. B. Payne, D. S. McAneny, B. A. Tracy

Coastal Engineering Research Center

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AD-A182 795



DTIC ELECTED JUL 24 1987 S D



May 1987 Final Report

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Prepared for DEPARTMENT OF THE ARMY US Army Corps of Engineers Washington, DC 20314-1000

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AD-A182795

REPORT DOCUMENTATION PAGE				Form Approved OMB No 0704-0188 Exp. Date Jun 30, 1986	
1a. REPORT SECURITY CLASSIFICATION Unclassified		1b. RESTRICTIVE MARKINGS			
2a. SECURITY CLASSIFICATION AUTHORITY		3. DISTRIBUTION/AVAILABILITY OF REPORT			
2b. DECLASSIFICATION/DOWNGRADING SCHEDULE		Approved for public release; distribution unlimited.			
4. PERFORMING ORGANIZATION REPORT NUMBER(S) WIS Report 16		5. MONITORING ORGANIZATION REPORT NUMBER(S)			
6a. NAME OF PERFORMING ORGANIZATION USAEWES, Coastal Engineering Research Center		6b. OFFICE SYMBOL (If applicable) WESCV	7a. NAME OF MONITORING ORGANIZATION		
6c. ADDRESS (City, State, and ZIP Code) PO Box 631 Vicksburg, MS 39180-0631		7b. ADDRESS (City, State, and ZIP Code)			
8a. NAME OF FUNDING/SPONSORING ORGANIZATION US Army Corps of Engineers		8b. OFFICE SYMBOL (If applicable)	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER		
8c. ADDRESS (City, State, and ZIP Code) Washington, DC 20314-1000		10. SOURCE OF FUNDING NUMBERS			
		PROGRAM ELEMENT NO.	PROJECT NO.	TASK NO.	WORK UNIT ACCESSION NO.
11. TITLE (Include Security Classification) Pacific Coast Hindcast Phase II Wave Information					
12. PERSONAL AUTHOR(S) See reverse					
13a. TYPE OF REPORT Final report		13b. TIME COVERED FROM _____ TO _____		14. DATE OF REPORT (Year, Month, Day) May 1987	15. PAGE COUNT 404
16. SUPPLEMENTARY NOTATION Available from National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161.					
17. COSATI CODES		18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)			
FIELD	GROUP	SUB-GROUP	Ocean waves--Pacific Ocean--statistics (LC)		
			Wind waves--Pacific Ocean--statistics (LC)		
			Oceanography--Pacific Ocean (LC)		
19. ABSTRACT (Continue on reverse if necessary and identify by block number)					
<p>Twenty years of hindcast significant height, peak period, and mean direction wave information is summarized for 53 North Pacific locations in four data products:</p> <ul style="list-style-type: none"> a. Percent occurrence tables. b. Wave rose diagrams. <i>sub 5 (significant wave height)</i> c. Mean and largest H_s and 20-year statistics tables. d. Return period table. <p>Brief descriptions and examples for each data product are provided also.</p> <p>Keywords: North Pacific Ocean; Ocean waves; Wind waves statistical data.</p>					
20. DISTRIBUTION/AVAILABILITY OF ABSTRACT <input checked="" type="checkbox"/> UNCLASSIFIED/UNLIMITED <input type="checkbox"/> SAME AS RPT. <input type="checkbox"/> DTIC USERS			21. ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a. NAME OF RESPONSIBLE INDIVIDUAL			22b. TELEPHONE (Include Area Code)	22c. OFFICE SYMBOL	

12

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

12. PERSONAL AUTHOR(S) (Continued).

Corson, W. D.; Abel, C. E.; Brooks, R. M.; Farrar, P. D.; Groves, B. J.; Payne, J. B.;
McAneny, D. S.; Tracy, B. A.

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

Preface

In late 1976, a study to produce a wave climate for US coastal waters was initiated at the US Army Engineer Waterways Experiment Station (WES). The Wave Information Study (WIS) was authorized by the Office, Chief of Engineers (OCE), US Army Corps of Engineers, as part of the Coastal Field Data Collection Program which is managed by the WES Coastal Engineering Research Center (CERC). Mr. J. H. Lockhart, Jr., OCE, was Technical Monitor for the Coastal Field Data Collection Program.

This report, the sixteenth in a series, presents hindcast, deepwater wave data for the US Pacific coasts of Washington, Oregon, and California. This report and the hindcast data it summarizes were prepared by Dr. C. E. Abel; Messrs. P. D. Farrar and W. D. Corson; and Meses. J. B. Payne, R. M. Brooks, D. S. McAneny, B. A. Tracy, and B. J. Groves, all of whom are in the Coastal Oceanography Branch (CR-0), Research Division (CR), CERC.

The study was conducted under direct supervision of Dr. E. F. Thompson, Chief, CR-0 and Mr. H. Lee Butler, Chief, CR; and under general supervision of Dr. J. R. Houston and Mr. C. C. Calhoun, Jr., Chief and Assistant Chief, CERC, respectively. This report was edited by Ms. S. A. J. Hanshaw, Information Technology Laboratory, Information Products Division, WES.

COL Allen F. Grum, USA, was the previous Director of WES. COL Dwayne G. Lee, CE, is the present Commander and Director. Dr. Robert W. Whalin is Technical Director.



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DTIC	TAB <input type="checkbox"/>
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PACIFIC COAST HINDCAST PHASE II WAVE INFORMATION

Introduction

1. The Pacific Coast Wave Information Study (PCWIS) separates the wave climatology of the US Pacific coasts into three phases:

- a. Phase I - Numerical hindcast of deepwater wave data from historical surface pressure and wind data for the North Pacific Ocean.
- b. Phase II - Hindcast similar to Phase I with a finer grid and Phase I data as seaward boundary conditions for coasts of Washington, Oregon, and California.
- c. Phase III - Transformation of Phase II wave data into shallow water and inclusion of long waves for coasts of Washington, Oregon, and California.

Figure 1 presents a schematic of the relationships of the three phases and their approximate boundaries.

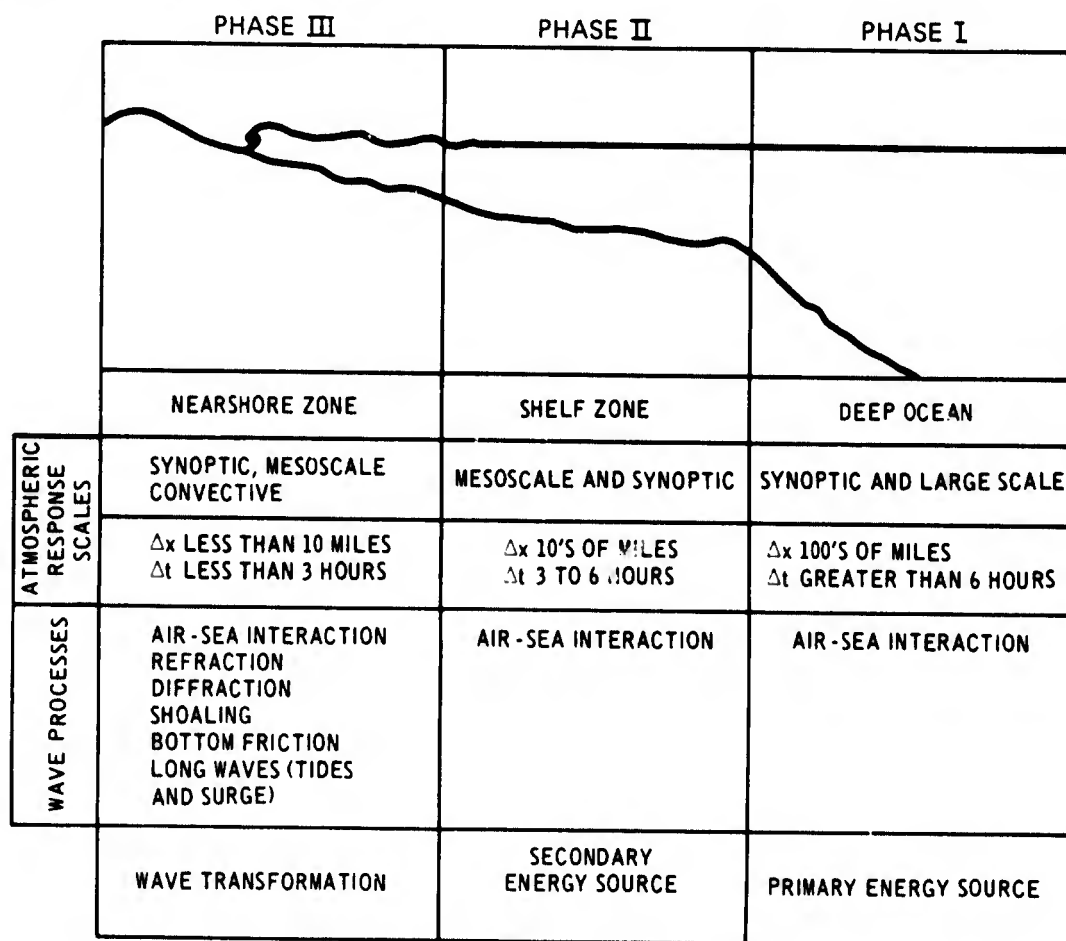


Figure 1. Conceptual diagram of the three phases of the PCWIS

2. Phase I data have been computed for points in a spherical orthogonal grid and published in a separate report (Corson et al. 1986). Although wave data have been hindcast for locations throughout the North Pacific, primary interest is in the area adjacent to the US Pacific coasts. Fifty-three Phase II locations (stations) have been selected for data analysis (Figure 2, Table 1). Twenty years (1955-1975) of hindcast, deepwater wave data, computed at 3-hr intervals, have been stored on the Wave Information Study (WIS) Sea-State Engineering Analysis System (SEAS) for the 53 numbered stations shown in Figure 2. The SEAS is an on-line computerized data base system which allows US Army Corps of Engineers offices to produce data reports and statistical analyses of WIS data tailored to their specific needs (Ragsdale 1983). The wave data are available through the SEAS in the form of significant wave height, as well as wave height, period, and direction for "sea" and "swell" conditions. The wave parameters peak period, average period, average direction, and two-dimensional (2-D) energy spectra are available also from WIS for the 53 numbered stations shown in Figure 2. At this time these parameters have not been stored on the SEAS. Waves generated from tropical storms were excluded in the analyses of this report. Island sheltering and effects of shoals have not been included in the wave hindcast. Results from a detailed hindcast for the Southern California Bight (which includes island and shoal effects) will be published in a separate PCWIS report. Water levels and wave data from tropical storms and Southern Hemisphere swell will be presented in separate reports of the PCWIS.

3. This report presents various analyses of the PCWIS Phase II hindcast wave data and is similar in format to the Phase I data report (Corson et al. 1986). However, this report is intended to serve only as a general description of wave characteristics such as height, period, and direction. Separate reports describing technical facets of the effort involved in these wave calculations have been published previously (Corson, Resio, and Vincent 1980; Corson and Resio 1981; Resio, Vincent, and Corson 1982; Resio 1982; Ebersole 1982; Jensen 1983; Tracy 1982; Resio and Tracy 1983).

4. The significant wave height H_s analyzed represents $4\sqrt{E}$, where E is the total energy of the wave spectrum. The period T_p is the period of the spectral peak. The value of the wave direction D is the average direction from which the waves are coming (Figure 3). Azimuth is measured clockwise in degrees from true north (0).

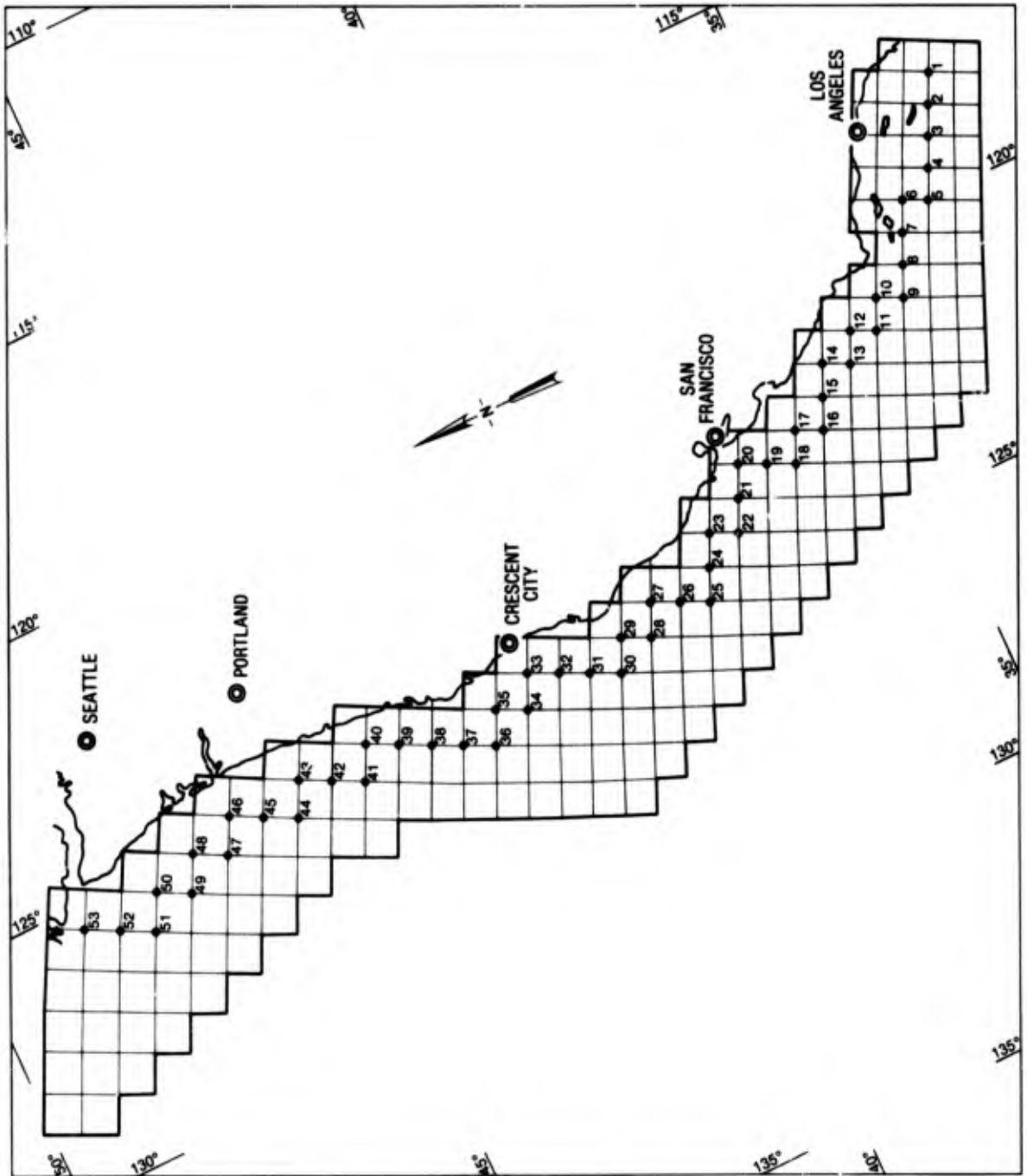


Figure 2. Locations of PCWIS Phase II stations for hindcast wave information

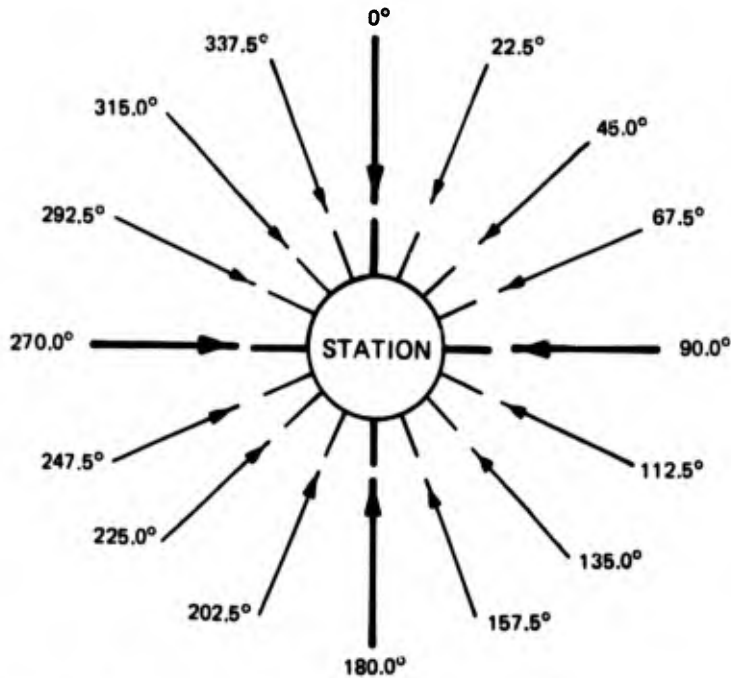


Figure 3. Diagram indicating wave direction

5. The wave parameters are calculated from an analysis of the 2-D wave spectra (wave energy by frequency and direction); therefore, the detailed 16 by 20, 320-element array is summarized into three parameters. The analysis of the 2-D spectrum calculates H_s from the energy from all frequencies and directions, T_p from the frequency band with the most energy, and a weighted-average D from all frequencies and directions. These procedures were designed to provide parameters available from methods used in wave gage analyses. Obviously some characteristics of the energy array will not be well represented in only three parameters. It is expected that no three-parameter summary will adequately represent the 2-D spectra for all cases. For example, peak periods of 18.2 sec and longer do not occur frequently in the hind-cast results, however examination of the spectra shows that significant energy is frequently in these longer bands (but not the peak). Accordingly analyses highly dependent on the existence of very long period swell should use the full spectral results. Although the percent occurrence tables and wave roses in this report are valid summaries of the most commonly requested wave parameters (H_s , T_p , and D), it is recommended that Corps offices use either the WIS sea and swell data available on SEAS or the 2-D spectra available from WIS for detailed studies. The sea and swell wave parameters will be available to non-Corps users through the National Climatic Data Center as are those for

Atlantic coast WIS data (Brooks and Corson 1984).

6. The following four products are presented for the 53 numbered PCWIS Phase II stations:

- a. Percent occurrence tables.
- b. Wave rose diagrams.
- c. Mean H_s , largest H_s , and 20-year statistics tables.
- d. Return period table.

A brief description of each product is given, and some sections on use of the products, including examples, are provided. The appendixes for this report are arranged by Phase II stations. Each product, except the return period table, is provided for the specified station in Appendixes A-C. The stations are grouped as they appear on the maps preceding each section. The return period table provides information for all stations and is presented as Appendix H.

Percent Occurrence Tables

Description

7. Two types of tables are printed: azimuth tables and tables for all directions. The azimuth tables give the percent occurrence of waves in height and period ranges for specified stations and directions. The title of each table identifies the station and azimuth range. The direction bands are centered on 22.5-deg increments such as 0, 22.5, 45, etc. (Table 2). The period ranges were derived from the period ranges available from the WIS hind-cast model (Table 3), and the height ranges are in 1-m increments. Values in the azimuth tables represent the percentage of the 20-year period during which waves occur from the specified azimuth range for the indicated height and period ranges. The values have been multiplied by 1,000 to allow more accuracy while using less printing space. Summations of period and height ranges are provided in the last column and row of each table. The summations also have been multiplied by 1,000. The last line in each azimuth table contains the following information for the specified azimuth range and station:

- a. The mean H_s .
- b. The largest H_s .

- c. The mean T_p .
- d. The number of cases (wave occurrences computed at 3-hr intervals).

8. The all-directions table for each station is printed following the 337.5-deg azimuth table for the specified station. This table gives the percent occurrence of waves within specified height and period ranges coming from all directions for the indicated station. Values in the all-directions table are multiplied by 100. The parameters listed in the last line of the table are derived from all directions for the full 20 years, and the total number of cases (58,440) is the number of cases calculated in the 20 years analyzed.

Use of the tables

9. The tables have been developed to produce the most detailed information available in a summary report.

Example

10. In order to find the number of hours that waves of 2.0 to 2.9 m and 6.1 to 8.0 sec are expected to occur from the 292.5-deg band at Station 1 for a 20-year interval, the value read in the table for the specified station, azimuth, height, and period should first be divided by 1,000, which for this example yields 5.290 percent (Appendix A, page A6). Then 5.290 is divided by 100 to give the probability (0.05290), and multiplied by the number of hours for the 20-year interval (58,440 cases times 3 hr = 175,320 hr) to yield the number of hours that the specified wave is expected to occur. The simple conversion process is:

$$\frac{\text{Value read in table}}{1,000} \div 100 \times \text{number of hours in time interval} = \text{number of hours specified wave is expected to occur}$$

For this example:

$$\frac{5,290}{1,000} \div 100 \times 175,320 \text{ hr} = 9,274 \text{ hr}$$

Wave Rose Diagrams

Description

11. The wave rose diagrams utilize H_s and D and present analyses of the 20 years of hindcast data. The diagrams show the percent occurrence of H_s ranges from eight direction ranges (45-deg bands) and the percent of waves occurring from the separate directions for the specified station.

12. As in most wave rose diagrams, the width of each bar segment indicates the H_s range, and the length of the bar segment indicates the percent occurrence of waves from the specified direction. The distance between each circle in the diagram is 20 percent. Each leg of the diagram represents 22.5 deg to either side of the primary direction of the leg. For example, the leg to the north represents waves coming from 337.5 deg (NNW) through 0 deg (N) to 22.5 deg (NNE).

Use of the diagrams

13. The diagrams are intended as visual aids and are not appropriate for detailed analyses.

Example

14. The wave rose diagram for Station 1 indicates that 24 percent of the waves were from the west, 270-deg band (waves moving west to east), and of the 24 percent, approximately 3 percent were 0.0 to 0.9 m, about 27 percent were 1.0 to 1.9 m, about 34 percent were 2.0 to 2.9 m, etc. (page A8). The total for each leg is 100 percent for the specified direction.

Mean H_s , Largest H_s , and 20-Year Statistics Tables

Description

15. Two tables that summarize the mean and largest H_s for each month and year are provided for each station (page A9). The mean table also provides a mean monthly value and mean yearly value of H_s . The largest H_s table provides the largest H_s hindcast for each month in each year. The 20-year statistics tables provide the following:

- a. Mean H_s .
- b. Mean T_p .
- c. Most frequent D band.
- d. Standard deviation of H_s .

- e. Standard deviation of T_p .
- f. Largest H_s .
- g. T_p of largest H_s .
- h. D of largest H_s .
- i. Date and time (Greenwich mean time) of largest H_s .

Use of the tables

16. The tables can be used as a quick reference in determining estimates of the wave climate of an area.

Example

17. To determine the mean H_s for Station 1 January 1956, simply read the value in the specified column and row (page A9). The mean H_s for 1956 is given in the MEAN column opposite 1956. The mean H_s for all Januaries is given in the MEAN row under JAN. For this example:

- a. The mean H_s for JAN 1956 = 2.7 m.
- b. The mean H_s for 1956 = 2.3 m.
- c. The mean H_s for all JAN's = 3.1 m.

The largest H_s table can be read in a similar fashion, and by scanning the columns and rows, additional information can be determined:

- a. The largest H_s for JAN 1956 = 3.7 m.
- b. The largest H_s for 1956 = 6.9 m.
- c. The largest H_s for all JAN's = 6.2 m.

Return Period Table

Description

18. An analysis of extreme storm wave heights was performed using the least squares method to analyze the wave heights and their extremal Type II probability distribution (Borgman and Resio 1977 and Isaacson and MacKenzie 1981). The procedure used for the extremal estimates is described in Corson and Tracy (1985). The return period table provides estimates of wave heights with recurrence intervals of 5, 10, 20, and 50 years (Appendix H). The 0.5 fractile (median) and the 0.75 and 0.25 fractiles (interquartile range) are provided. The wave heights labeled as H_S in Appendix H refer to the median, while the 0.75 and 0.25 fractiles are provided to indicate the possible variation in the extreme estimates. For example, these ranges indicate that 75 percent of the 50-year wave heights should (based on the assumed

probability distribution function) fall at or below the 0.75 quartile of the 50-year wave height. Since the data are compact, the return period table contains information for all PCWIS Phase II stations (1-53).

Use of the table

19. Estimates of extreme wave heights can simply be read from the table for the desired return period and station. Table 4 can be used to find the probability of one or more waves, or larger waves, of a specified return period occurring within 1, 10, 25 or 50 years.

Example

20. H_s values associated with the 0.5, 0.75, and 0.25 fractiles for specified return periods are simply read from the table for the desired location. For example, the median 50-year maximum for Station 1 is 8.2 m, and the interquartile range for the 50-year maximum is 7.9 m to 8.7 m (page H3). Table 4 shows that the 8.2-m median extreme wave height has a probability of 0.18 of being equaled or exceeded at least once in 10 years.

Summary

21. The figures and tables employed in this report were chosen to best present a summary of the extensive wave data base generated during the PCWIS. If more detailed wave data are required, the reader is encouraged to contact the Coastal Oceanography Branch of CERC for the 2-D wave spectra and other data available for the North Pacific. An overview of the type of information available is presented in Brooks and Corson (1984).

22. The wave data presented in this report were produced by numerical simulation of wave growth, propagation, and decay under historical wind fields. It is our belief that numerical modeling of surface waves represents an evolution toward a more reliable means of obtaining wave information for climatological purposes. Coupled with the concurrent evolution of statistical methods, data processing technology, and planning and designing capabilities, this tool offers the vastly improved ability to deal with coastal problems. Furthermore, by relating data to physical processes, an underlying understanding of the wave phenomena is gained. This understanding can increase confidence in recognizing trends, distributions, and correlations among various data elements, which can, in turn, increase confidence in many basic planning, designing, construction, operation, and maintenance decisions.

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Table 1
Pacific Phase II Stations

<u>Station</u>	<u>Latitude (N)</u> <u>deg</u>	<u>Longitude (W)</u> <u>deg</u>
1	32.36	117.89
2	32.58	118.43
3	32.79	118.96
4	33.00	119.50
5	33.21	120.04
6	33.59	119.83
7	33.81	120.38
8	34.01	120.92
9	34.22	121.48
10	34.61	121.26
11	34.82	121.82
12	35.21	121.60
13	35.41	122.16
14	35.81	121.94
15	36.02	122.50
16	36.22	123.06
17	36.62	122.84
18	36.82	123.41
19	37.22	123.18
20	37.62	122.95
21	37.83	123.53
22	38.04	124.11
23	38.44	123.88
24	38.65	124.46
25	38.85	125.05
26	39.26	124.81
27	39.67	124.57
28	39.87	125.17
29	40.28	124.93
30	40.49	125.53
31	40.90	125.28
32	41.31	125.03
33	41.72	124.78
34	41.93	125.39
35	42.34	125.13
36	42.55	125.74
37	42.96	125.48
38	43.37	125.21

(Continued)

Table 1 (Concluded)

<u>Station</u>	<u>Latitude (N)</u> <u>deg</u>	<u>Longitude (W)</u> <u>deg</u>
39	43.78	124.94
40	44.19	124.66
41	44.41	125.29
42	44.82	125.01
43	45.23	124.72
44	45.45	125.36
45	45.86	125.07
46	46.27	124.77
47	46.50	125.42
48	46.91	125.11
49	47.14	125.77
50	47.55	125.46
51	47.77	126.12
52	48.19	125.81
53	48.60	125.50

Table 2

Ranges for Direction Intervals in Percent Occurrence Tables

<u>Midband deg</u>	<u>Range deg</u>
0.0	$348.75 \leq D < 11.25$
22.5	$11.25 \leq D < 33.75$
45.0	$33.75 \leq D < 56.25$
67.5	$56.25 \leq D < 78.75$
90.0	$78.75 \leq D < 101.25$
112.5	$101.25 \leq D < 123.75$
135.0	$123.75 \leq D < 146.25$
157.5	$146.25 \leq D < 168.75$
180.0	$168.75 \leq D < 191.25$
202.5	$191.25 \leq D < 213.75$
225.0	$213.75 \leq D < 236.25$
247.5	$236.25 \leq D < 258.75$
270.0	$258.75 \leq D < 281.25$
292.5	$281.25 \leq D < 303.75$
315.0	$303.75 \leq D < 326.25$
337.5	$326.25 \leq D < 348.75$

Table 3
Frequency Ranges Used in WIS Hindcast Model

Midband			
Frequency Hz	Period sec	Band Range Period sec	Grouping for Percent Occurrence Tables sec
0.22	4.5	$4.44 \leq T < 4.65$	
0.21	4.8	$4.65 \leq T < 4.88$	
0.20	5.0	$4.88 \leq T < 5.13$	4.4- 6.0
0.19	5.5	$5.13 \leq T < 5.41$	
0.18	5.6	$5.41 \leq T < 5.71$	
0.17	5.9	$5.71 \leq T < 6.06$	
0.16	6.2	$6.06 \leq T < 6.45$	
0.15	6.7	$6.45 \leq T < 6.90$	6.1- 8.0
0.14	7.1	$6.90 \leq T < 7.41$	
0.13	7.7	$7.41 \leq T < 8.00$	
0.12	8.3	$8.00 \leq T < 8.70$	8.1- 9.5
0.11	9.1	$8.70 \leq T < 9.52$	
0.10	10.0	$9.52 \leq T < 10.53$	9.6-10.5
0.09	11.1	$10.53 \leq T < 11.76$	10.6-11.7
0.08	12.5	$11.76 \leq T < 13.33$	11.8-13.3
0.07	14.3	$13.33 \leq T < 15.38$	13.4-15.3
0.06	16.7	$15.38 \leq T < 18.18$	15.4-18.1
0.05	20.0	$18.18 \leq T < 22.22$	18.2-22.2
0.04	25.0	$22.22 \leq T < 28.57$	22.3-longer
0.03	33.3	$28.57 \leq T < 40.00$	

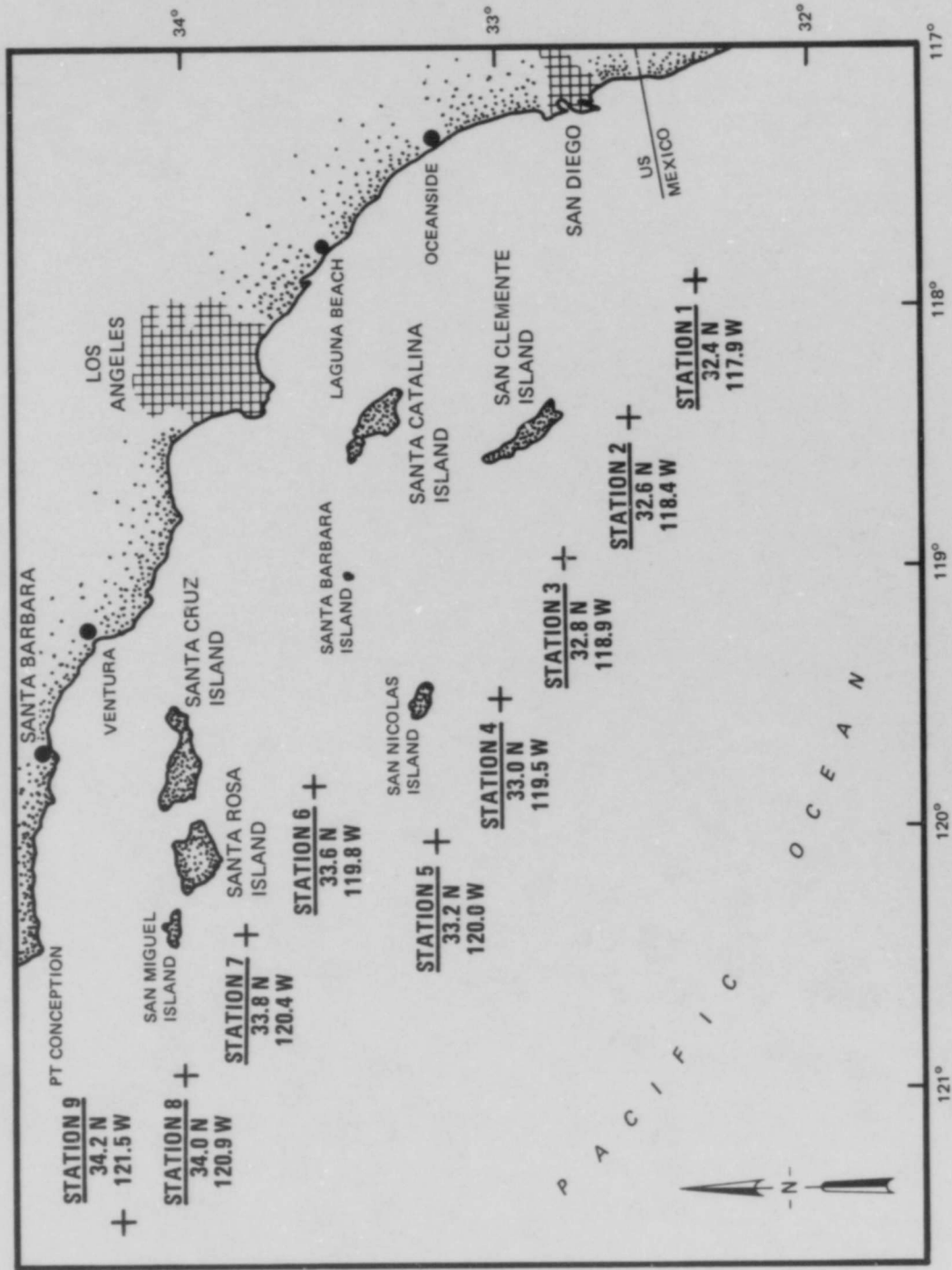
Table 4

Probabilities of Extreme Wave Heights*

Return Period years	Probability of Wave Height Being Equaled or Exceeded at Least Once in Given Number of Years			
	<u>1</u>	<u>10</u>	<u>25</u>	<u>50</u>
5	0.20	0.89	>0.99	>0.99
10	0.10	0.65	0.94	>0.99
20	0.05	0.40	0.71	0.90
50	0.02	0.18	0.40	0.61

* From Reich (1973).

APPENDIX A: STA 1 THROUGH 9



STATION 1 32 36N 117 89W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	6	.	1	5	.	.	.	.	.	.	6
0.1	25	.	8	1	10	3	3	1	.	.	51
0.2	.	.	.	.	.	.	.	.	.	.	0
0.3	.	.	.	.	.	.	.	.	.	.	0
0.4	.	.	.	.	.	.	.	.	.	.	0
0.5	.	.	.	.	.	.	.	.	.	.	0
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	48	0	9	9	13	4	4	1	0	0	56

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.9 NO. OF CASES= 56.

STATION 1 32 36N 117 89W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	13	.	.	.	.	.	.	.	.	.	13
0.1	23	.	10	3	3	.	.	3	.	.	42
0.2	1	.	.	.	.	.	.	.	.	.	1
0.3	.	.	.	.	.	.	.	.	.	.	0
0.4	.	.	.	.	.	.	.	.	.	.	0
0.5	.	.	.	.	.	.	.	.	.	.	0
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	0	10	3	3	0	0	3	0	0	35

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 7.1 NO. OF CASES= 35.

STATION 1 32 36N 117 89W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	20	.	.	1	6	.	.	.	.	.	20
0.1	39	.	.	.	.	.	.	.	.	.	46
0.2	6	.	.	.	.	.	.	.	.	.	6
0.3	.	.	.	.	.	.	.	.	.	.	0
0.4	.	.	.	.	.	.	.	.	.	.	0
0.5	.	.	.	.	.	.	.	.	.	.	0
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	65	0	0	1	6	0	0	0	0	0	44

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 6.0 NO. OF CASES= 44.

STATION 1 32 36N 117 89W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	3	.	.	.	.	.	.	.	.	.	3
0.1	35	5	.	.	5	.	.	.	.	.	40
0.2	.	.	.	.	.	.	.	.	.	.	0
0.3	.	.	.	.	.	.	.	.	.	.	0
0.4	.	.	.	.	.	.	.	.	.	.	0
0.5	.	.	.	.	.	.	.	.	.	.	0
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	46	5	0	0	5	0	0	0	0	0	34

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 6.0 NO. OF CASES= 34.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	8	9	0	0	0	0	0	0	0	0	11.

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 6.0 NO. OF CASES= 11.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	6	0	0	0	0	0	0	0	0	0	4.

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.4 NO. OF CASES= 4.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0.

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0.

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	1	6	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	6	4	6	0	0	0	0	0	0	0	11

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.0 NO. OF CASES= 11.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	6	3	15	5	3	.	.	.	.	24
2.0-2.9	.	11	3	3	.	.	.	.	.	.	25
3.0-3.9	.	.	6	.	.	.	.	.	.	.	6
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	17	12	18	5	3	0	0	0	0	35

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 8.9 NO. OF CASES= 35.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	5	8	.	.	.	.	.	.	0
1.0-1.9	.	11	13	4	.	.	.	.	.	.	13
2.0-2.9	.	27	17	44	6	5	.	.	.	.	79
3.0-3.9	.	.	.	6	18	17	.	.	.	.	41
4.0-4.9	10	6	.	.	.	16
5.0-5.9	1	.	.	.	.	1
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	38	35	58	24	33	6	0	0	0	118

MEAN HS(M) = 3.0 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 9.9 NO. OF CASES= 118.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	30		61			5					96
1.0-1.9	27	58	200	99	123	30					538
2.0-2.9	22	58	131	154	532	343	92				1332
3.0-3.9		44	29	44	145	643	205	1			1111
4.0-4.9		3	10	5	37	136	254				445
5.0-5.9							46				46
6.0-6.9							6				6
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	79	163	431	302	842	1152	604	1	0	0	2097

MEAN HS(M) = 2.8 LARGEST HS(M) = 6.2 MEAN TP(SEC) = 11.3 NO. OF CASES = 2097.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	284	619	610	65	35	11	25				1649
1.0-1.9	1690	6481	12193	5951	2869	739	231	23	8		30190
2.0-2.9	903	5290	4567	5201	9652	7363	1440	71			34487
3.0-3.9		2315	1473	369	1925	6736	4633	249			17700
4.0-4.9		71	1091	83	39	922	3809	537			6552
5.0-5.9			167	111	11	53	621	665			1628
6.0-6.9			10	46	8	5	65	121			255
7.0-7.9					5			32			37
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2877	14776	20116	11826	14544	15829	10824	1698	8	0	54071

MEAN HS(M) = 2.5 LARGEST HS(M) = 7.7 MEAN TP(SEC) = 10.3 NO. OF CASES = 54071.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	27		5	11						53
1.0-1.9	453	225	236	130	22	23	3				1092
2.0-2.9	186	427	184	251	231	65	13				1357
3.0-3.9	1	217	37	11	56	136	11	17			486
4.0-4.9			10		5	11	34	1			61
5.0-5.9			3				17				20
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	650	896	470	397	325	235	78	18	0	0	1803

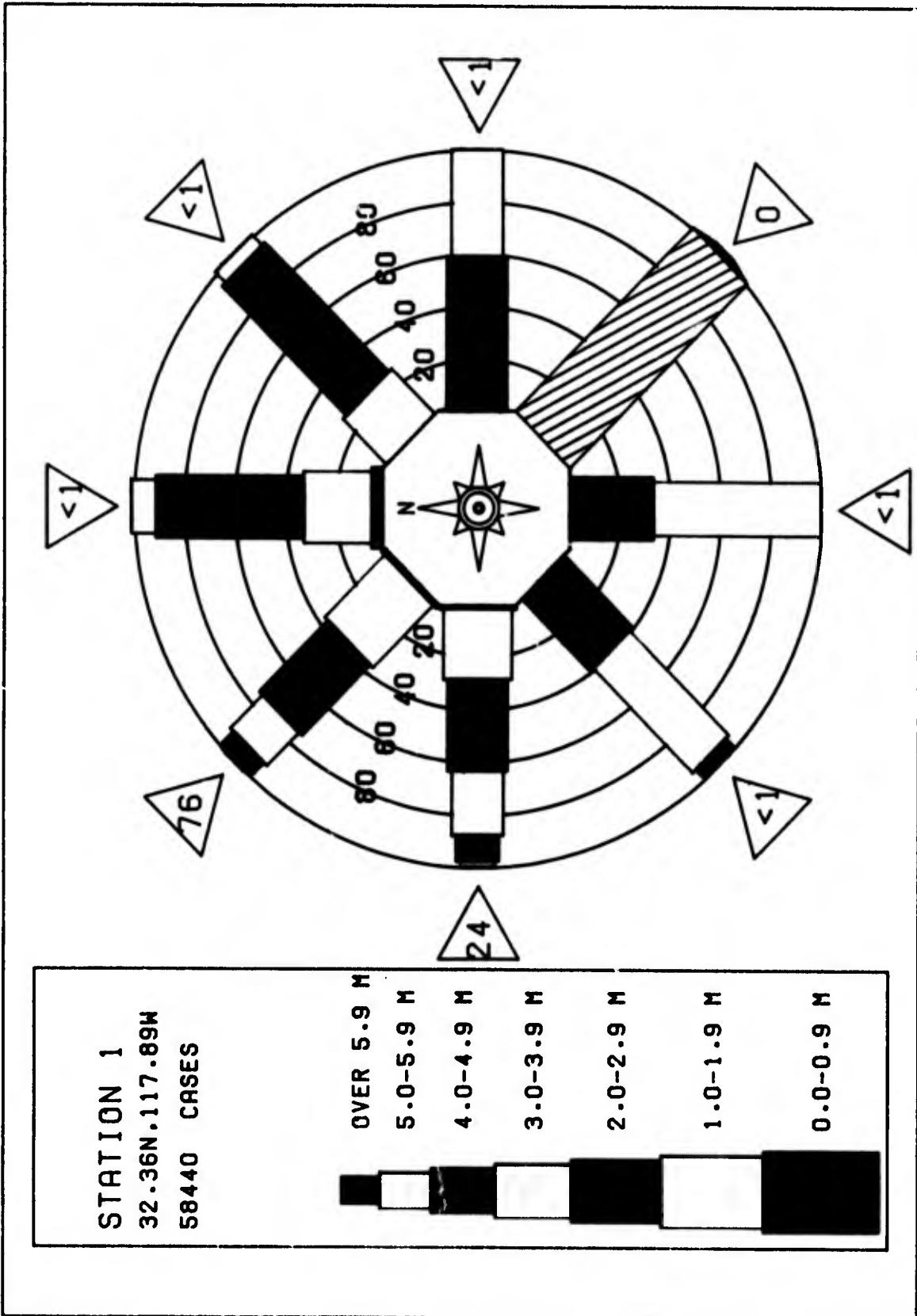
MEAN HS(M) = 2.3 LARGEST HS(M) = 5.5 MEAN TP(SEC) = 8.3 NO. OF CASES = 1803.

STATION 1 32.36N 117.89W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											4
1.0-1.9	25	3	8	8	5		1				47
2.0-2.9	37	1	11	35	32	10	5				132
3.0-3.9	1			5	1	3		1			12
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	64	5	19	48	38	13	6	2	0	0	121

MEAN HS(M) = 2.2 LARGEST HS(M) = 3.7 MEAN TP(SEC) = 8.7 NO. OF CASES = 121.

HEIGHT(METRES)	STATION 1 32 36N 117.89W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	33	65	67	7	5	1	2				180
1.0-1.9	225	676	1265	620	302	79	24				3193
2.0-2.9	129	580	493	571	1048	779	155				3762
3.0-3.9	2	263	156	44	215	754	485				1946
4.0-4.9		7	111	8	8	108	410				708
5.0-5.9			17	11	1	5	68				108
6.0-6.9			1	4			9				24
7.0-7.9											3
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	389	1591	2110	1265	1579	1726	1151	170	0	0	58440
MEAN HS(M)=	2.5	LARGEST HS(M)= 7.7		MEAN TP(SEC)= 10.2			TOTAL CASES= 58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 1 (32.36N 117.89W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	3.1	3.3	3.0	2.8	2.4	2.3	2.0	1.6	1.7	2.0	2.6	3.2		

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 1 (32.36N 117.89W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	3.1	3.3	3.0	2.8	2.4	2.3	2.0	1.6	1.7	2.0	2.6	3.2		

20 YR. STATISTICS FOR PACIFIC STATION 1 (32.36N 117.89W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.5
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT 2% CENTER DIRECTION (DEGREES)= 290
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 1.7
 LARGEST HS(METRES)= 11.1
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.1
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 296.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 75061806

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	8	.	3	5	1	.	.	.	.	.	8
1.0-1.9	15	.	3	17	23	5	.	.	.	.	24
2.0-2.9	46	10	3	.	6	8	1	.	.	.	105
3.0-3.9	.	.	.	.	.	.	.	1	.	.	18
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	69	13	6	22	30	13	1	1	1	0	96

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 8.2 NO. OF CASES= 96.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	1	3	.	.	.	.	.	.	3
1.0-1.9	23	.	5	8	10	.	3	.	.	.	25
2.0-2.9	22	11	.	.	.	6	.	.	.	.	23
3.0-3.9	.	17	.	.	.	.	.	.	.	.	17
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	48	28	6	11	10	6	3	0	0	0	69

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.4 NO. OF CASES= 69.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	20	.	.	.	.	.	.	.	.	.	20
1.0-1.9	35	18	1	1	3	3	.	.	.	.	35
2.0-2.9	.	23	.	.	.	.	.	1	1	.	23
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	55	41	1	1	3	3	0	1	1	0	66

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.7 NO. OF CASES= 66.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	30	37	.	.	1	.	.	.	.	.	38
2.0-2.9	.	30	.	.	.	.	.	.	.	.	30
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	36	67	0	0	1	0	0	0	0	0	63

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.3 NO. OF CASES= 63.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	32	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 6.9 NO. OF CASES= 22.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	5	0	0	0	0	5	0	0	0	0

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 9.5 NO. OF CASES= 7.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	1	0	0	0	0	1	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 10.1 NO. OF CASES= 2.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	3	0	0	0	0	1	0	0	0	0

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 8.8 NO. OF CASES= 3.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	11	4	0	0	0	0	0	0	0	11

MEAN HS(M) = 3.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 7.3 NO. OF CASES= 10.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	17	.	.	.	.	.	.	.	0
1.0-1.9	1	3	17	.	.	.	.	.	.	.	20
2.0-2.9	.	15	1	1	.	.	.	.	.	.	17
3.0-3.9	.	.	6	.	.	.	.	.	.	.	6
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	24	24	1	0	0	0	0	0	0	32

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 7.5 NO. OF CASES= 32.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	6	27	.	.	.	.	.	.	.	0
1.0-1.9	1	10	11	11	.	.	.	.	.	.	33
2.0-2.9	.	29	1	5	.	3	.	.	.	.	38
3.0-3.9	.	1	3	.	.	3	.	.	.	.	7
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	48	32	16	0	6	0	0	0	0	64

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 8.2 NO. OF CASES= 64.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	6	7	22	22	8	.	.	.	.	.	66
1.0-1.9	.	6	20	22	15	.	.	.	.	.	66
2.0-2.9	.	32	18	13	3	20	6	.	.	.	72
3.0-3.9	10	.	.	.	.	10
4.0-4.9	3	.	.	.	.	3
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	6	44	60	89	26	49	6	0	0	0	170

MEAN HS(M) = 2.7 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 9.8 NO. OF CASES= 170.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	68		54		3						125
1.0-1.9	34	112	181	112	148	23					143
2.0-2.9	35	66	162	185	330	343	95				1452
3.0-3.9		41	27	37	176	710	213	1			1205
4.0-4.9		3	13	6	49	157	306				59
5.0-5.9							10				10
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	137	222	637	350	906	1233	683	4	0	0	2449.

MEAN HS(M) = 2.8 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 11.1 NO. OF CASES= 2449.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	162	465	424	30	34	3	5				1123
1.0-1.9	1729	5892	11278	5343	2650	662	205	27	8		27796
2.0-2.9	1101	5645	4697	5260	9385	7079	1344	63	3		34515
3.0-3.9		2590	1329	381	2025	6736	2471	215			17818
4.0-4.9		135	1076	77	56	1021	3805	309			6679
5.0-5.9			193	95	6	61	646	641			1644
6.0-6.9			6	49	3	1	71	119			251
7.0-7.9								34			34
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2992	14729	19003	11235	14195	15543	10547	1608	11	0	52532.

MEAN HS(M) = 2.5 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 10.2 NO. OF CASES= 52532.

STATION 2 32.58N 118.43W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	25	18	11	20	1	8				98
1.0-1.9	627	297	304	219	315	35	15				1532
2.0-2.9	308	585	246	313	319	135	23				1929
3.0-3.9		301	46	29	112	220	47	11			766
4.0-4.9			17	1	6	18	59				109
5.0-5.9			1		1	1	37				51
6.0-6.9											1
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	950	1208	632	573	493	410	189	31	0	0	2636.

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.5 NO. OF CASES= 2636.

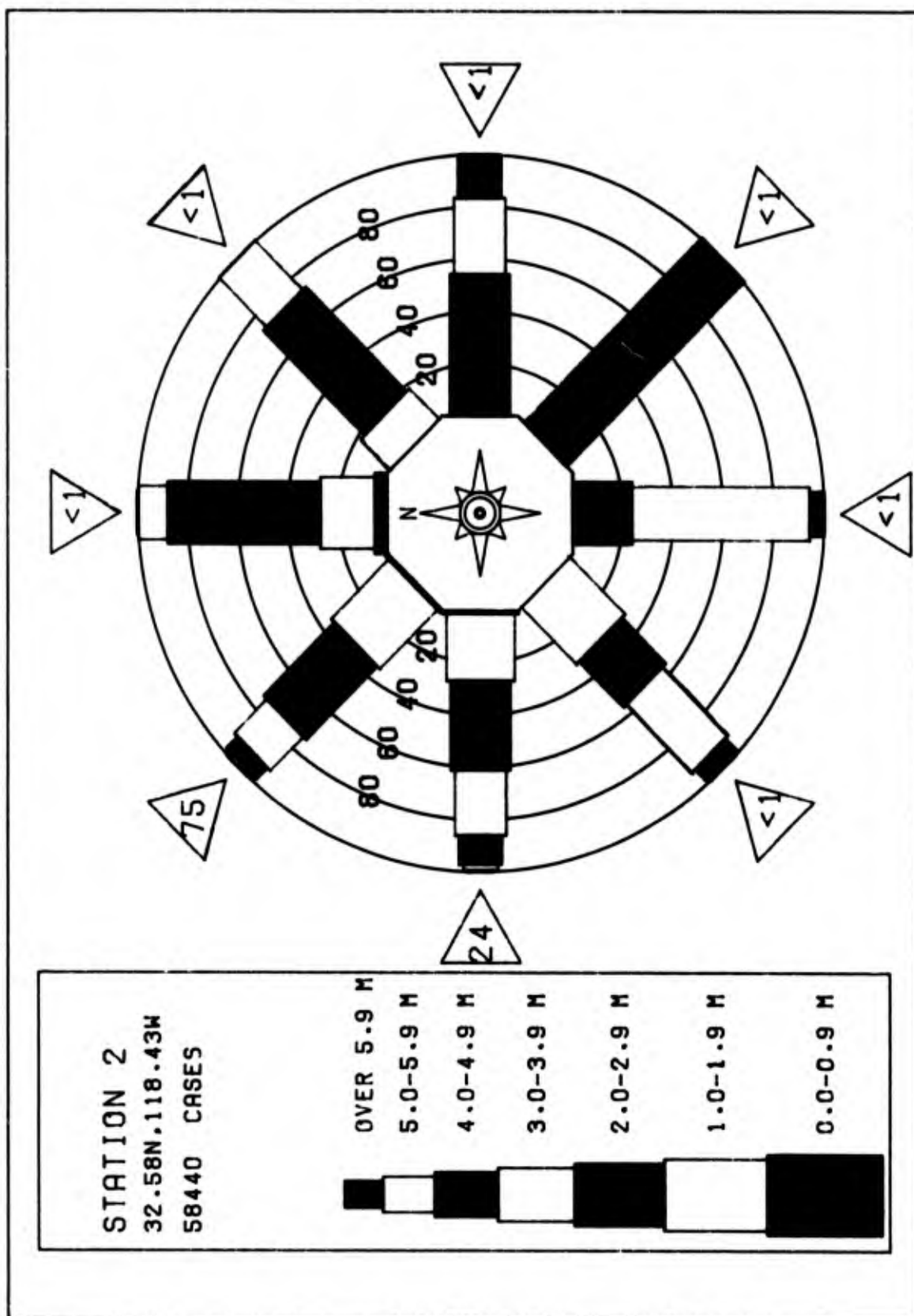
STATION 2 32.58N 118.43W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	11			1							12
1.0-1.9	49	18	29	15	1	10	1				123
2.0-2.9	32	20	23	46	65	3	8				197
3.0-3.9		10		6	1	5	3				30
4.0-4.9											1
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	92	48	52	68	67	18	12	6	0	0	219.

MEAN HS(M) = 2.2 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 8.7 NO. OF CASES= 219.

STATION 2 32.58N 118.43W FOR ALL DIRECTIONS										TOTAL
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER
0.0-0.9	27	49	49	4	5		1			
1.0-1.9	250	634	1206	572	284	73	22			
2.0-2.9	162	644	516	590	1035	751	148			
3.0-3.9		311	142	47	235	775	473			
4.0-4.9		15	11	8	11	122	417			
5.0-5.9			19	9		6	74			
6.0-6.9				4			8			
7.0-7.9										
8.0-8.9										
9.0-9.9										
10.0+										
TOTAL	439	1653	2043	1234	1570	1727	1143	163	0	0

MEAN HS(M)= 2.5 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 2 (32.58N 118.43W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	3.1	3.3	3.0	2.8	2.5	2.4	2.0	1.7	1.7	2.0	2.6	3.2

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 2 (32.58N 118.43W)

	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

20 YR. STATISTICS FOR PACIFIC STATION 2 (32.58N 118.43W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(S(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.9
 11
 295
 75061806

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	1	5	3	.	3	.	.	.	.	5
1.0-1.9	15	27	3	10	22	1	.	.	.	.	124
2.0-2.9	30	3	.	.	3	8	3	.	.	.	104
3.0-3.9	.	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	1	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	50	31	8	13	25	12	4	1	0	0	89.

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 8.1 NO. OF CASES= 89.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	3	1	.	.	.	.	.	.	1
1.0-1.9	11	.	5	3	17	1	.	.	.	.	16
2.0-2.9	25	18	3	3	1	3	.	.	.	.	12
3.0-3.9	.	17	.	.	.	6	1	.	.	.	12
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	37	35	8	4	19	7	3	1	0	0	72.

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 8.0 NO. OF CASES= 72.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	3	.	.	.	.	.	.	.	.	1
1.0-1.9	15	3	.	.	.	.	.	.	.	.	18
2.0-2.9	25	29	1	1	5	1	.	.	.	.	36
3.0-3.9	.	35	.	.	.	.	.	.	.	.	35
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	41	67	1	1	5	1	0	0	0	0	71.

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.5 NO. OF CASES= 71.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	1	1	.	.	.	.	.	.	.	0
1.0-1.9	13	5	1	1	1	.	.	.	.	.	7
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	3	.	.	.	1	.	3	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	18	97	1	1	1	1	0	3	0	0	75.

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.0 NO. OF CASES= 75.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	2	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	.	3	1	.	.	.	.	.	.	.	0
4.0-4.9	.	.	3	.	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	36	14	0	0	0	0	0	0	0	31.

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 7.1 NO. OF CASES= 31.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	6	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	6	0	0	0	0	0	0	0	0	5.

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 6.1 NO. OF CASES= 5.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	5	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	6	0	0	0	0	1	0	0	0	5.

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 7.9 NO. OF CASES= 5.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	1	0	0	0	0	3	0	0	0	3.

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 11.7 NO. OF CASES= 3.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.1	0
0.1-0.2	0
0.2-0.3	0
0.3-0.4	0
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	0	10	5	0	0	0	0	0	0	0	9.

MEAN HS(M) = 3.6 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 7.6 NO. OF CASES= 9.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.1	.	.	13	.	.	.	.	.	.	.	10
0.1-0.2	.	10	1	3	.	.	1	.	.	.	24
0.2-0.3	.	.	5	.	.	.	.	.	.	.	10
0.3-0.4	0
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	0	29	23	3	0	0	1	0	0	0	36.

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.9 NO. OF CASES= 36.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.1	.	5	23	.	.	.	.	.	.	.	0
0.1-0.2	.	11	1	11	5	.	1	.	.	.	22
0.2-0.3	.	30	10	1	3	5	.	.	.	.	49
0.3-0.4	.	1	.	.	.	.	.	.	.	.	1
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	0	47	33	12	8	8	1	0	0	0	68.

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 8.6 NO. OF CASES= 68.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.1	10	.	.	.	.	.	.	.	.	.	10
0.1-0.2	.	10	10	20	.	.	.	.	.	.	40
0.2-0.3	.	30	23	20	15	1	3	.	.	.	72
0.3-0.4	5	5	5	.	.	.	15
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	10	45	64	106	26	72	15	0	0	0	204.

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 10.0 NO. OF CASES= 204.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	51	3	29	90	3	34	5	.	.	.	86
1.0-1.9	30	11	108	242	150	307	118	.	.	.	1020
2.0-2.9	32	47	146	376	220	210	116	1	.	.	1370
3.0-3.9	.	5	13	6	56	201	106	1	.	.	1470
4.0-4.9	.	.	.	.	.	.	23	1	.	.	1100
5.0-5.9	.	.	.	.	.	.	.	.	.	.	200
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	103	225	672	386	1033	1450	828	8	0	0	2759

MEAN HS(M) = 2.9 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 11.3 NO. OF CASES= 2759.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	126	343	349	23	30	1	3	.	.	.	875
1.0-1.9	1240	5422	10793	4948	2477	675	188	23	0	.	23237
2.0-2.9	2020	7050	14821	5440	2290	1171	2520	23	1	.	30055
3.0-3.9	133	2020	4821	378	2290	600	1320	23	.	.	16705
4.0-4.9	.	133	196	30	1	1	61	35	.	.	1000
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3137	14814	18492	10967	13977	15273	10235	1575	9	0	51725

MEAN HS(M) = 2.6 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 10.2 NO. OF CASES= 51725.

STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	8	42	23	5	29	11	8	.	.	.	126
1.0-1.9	677	432	382	207	271	150	30	.	.	.	1710
2.0-2.9	337	703	206	344	203	111	30	.	.	.	1670
3.0-3.9	.	203	23	47	16	22	30	1	.	.	1000
4.0-4.9	.	.	.	.	.	.	39	1	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1022	1449	755	608	611	497	229	37	0	0	3057

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.6 NO. OF CASES= 3057.

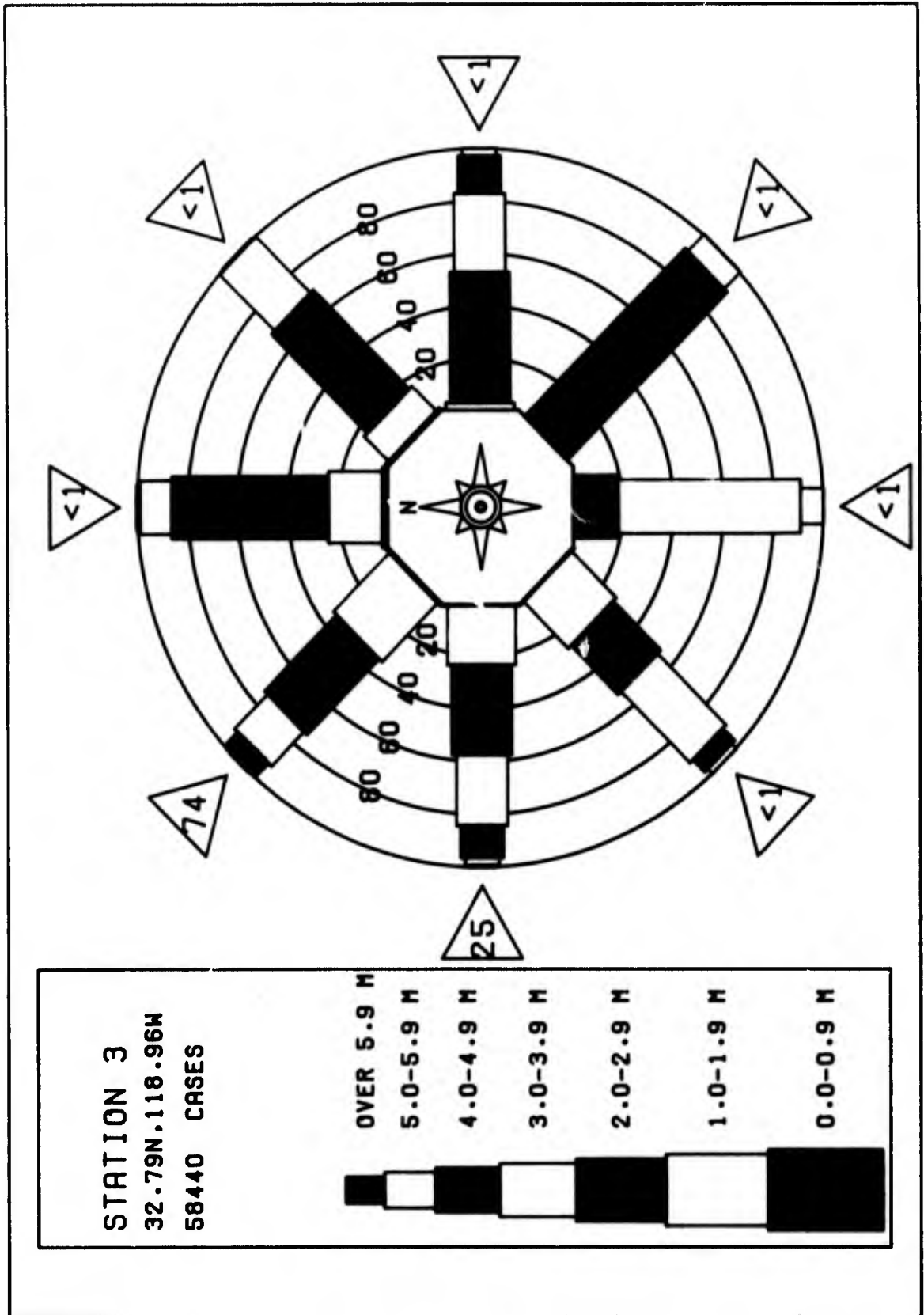
STATION 3 32.79N 118.96W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	8	8	36	13	5	6	1	.	.	.	109
1.0-1.9	29	25	29	51	50	13	1	.	.	.	210
2.0-2.9	.	11	.	0	30	13	1	.	.	.	100
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	78	44	64	73	72	32	12	5	0	0	231

MEAN HS(M) = 2.3 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 9.1 NO. OF CASES= 231.

HEIGHT(METRES)	STATION 3 32.79N 118.96W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	21	39	40	3	6	1	1				111
1.0-1.9	255	600	1164	529	269	71	22				2391
2.0-2.9	173	704	540	617	1025	714	139				2018
3.0-3.9		337	136	50	264	797	454				2061
4.0-4.9		15	112	8	12	145	424				1855
5.0-5.9			20	3	1	7	84				243
6.0-6.9							13				13
7.0-7.9							3				3
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	449	1695	2012	1218	1577	1735	1132	161	0	0	58440

MEAN HS(M)= 2.6 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 3 (32.79N 118.96W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1957	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1958	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1959	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1960	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1961	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1962	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1963	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1964	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1965	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1966	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1967	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1968	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1969	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1970	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1971	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1972	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1973	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1974	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
1975	2.5	3.0	3.0	2.5	2.5	2.5	2.0	1.5	1.5	2.0	2.5	3.0	3.0
MEAN	3.2	3.3	3.1	2.8	2.5	2.4	2.0	1.7	1.8	2.1	2.6	3.3	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 3 (32.79N 118.96W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1957	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1958	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1959	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1960	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1961	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1962	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1963	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1964	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1965	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1966	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1967	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1968	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1969	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1970	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1971	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1972	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1973	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1974	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5
1975	3.0	3.5	3.5	3.0	3.0	3.0	2.5	2.0	2.0	2.5	3.0	3.5	3.5

20 YR. STATISTICS FOR PACIFIC STATION 3 (32.79N 118.96W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.4
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 210
 STANDARD DEVIATION OF HS(METRES)= 0.5
 STANDARD DEVIATION OF TP(SECONDS)= 1.7
 LARGEST HS(METRES)= 3.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 92
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 69121318

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	3		1								4
1.0-1.9	15	3	0	5	1	3					23
2.0-2.9	20	35	0	17	35	5					123
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	38	44	13	25	42	14	9	3	1	0	118

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 9.0 NO. OF CASES= 118.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	6		3	1	1	1					6
1.0-1.9	20	1		5	1	1					30
2.0-2.9	17	6			1	3					28
3.0-3.9		18									18
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	52	80	3	6	13	6	6	1	0	0	104

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.3 NO. OF CASES= 104.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	15		1	3							20
1.0-1.9	15	5		3	3						26
2.0-2.9		49									49
3.0-3.9		44									44
4.0-4.9		1									1
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	30	99	2	4	3	5	1	1	0	0	89

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 7.0 NO. OF CASES= 89.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	5		1								6
1.0-1.9	3	5		1	3						12
2.0-2.9		54									54
3.0-3.9		49									49
4.0-4.9			1								1
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	8	108	2	1	3	0	0	1	0	0	75

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 7.1 NO. OF CASES= 75.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	18	.	.	.	.	.	.	.	.	2
3.0-3.9	.	23	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	5	.	.	.	.	.	.	.	1
5.0-5.9	.	.	13	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	41	18	0	0	0	0	0	0	0	0
MEAN HS(M) =	3.7	LARGEST HS(M) =	5.7	MEAN TP(SEC) =	7.5	NO. OF CASES =					37.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	.	11	.	.	.	.	.	.	.	.	1
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	11	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M) =	2.9	MEAN TP(SEC) =	6.5	NO. OF CASES =					7.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	.	5	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	6	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M) =	3.0	MEAN TP(SEC) =	6.3	NO. OF CASES =					4.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	3	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	3.2	LARGEST HS(M) =	3.7	MEAN TP(SEC) =	6.8	NO. OF CASES =					3.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	8	15	0	0	0	0	0	0	0	14.

MEAN HS(M) = 3.8 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.9 NO. OF CASES= 14.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	8	.	.	.	.	.	.	.	0
1.0-1.9	.	1	18	3	.	.	3	.	.	.	0
2.0-2.9	.	11	18	3	1	.	.	.	.	.	32
3.0-3.9	.	.	1	5	1	.	.	.	.	.	4
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	12	28	8	2	0	3	0	0	0	35.

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 8.9 NO. OF CASES= 35.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	10	.	.	.	.	.	.	.	0
1.0-1.9	.	5	10	.	.	.	3	.	.	.	0
2.0-2.9	.	11	17	10	1	8	1	.	.	.	15
3.0-3.9	.	27	15	.	.	.	.	.	.	.	15
4.0-4.9	.	1	.	.	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	44	37	15	1	8	4	0	0	0	67.

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 8.8 NO. OF CASES= 67.

STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	11	1	25	18	.	.	.	.	.	.	12
1.0-1.9	.	13	18	26	18	18	10	.	.	.	126
2.0-2.9	.	8	25	27	22	41	.	.	.	.	146
3.0-3.9	.	30	11	5	15	29	5	.	.	.	155
4.0-4.9	1	10	3	.	.	.	25
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	11	52	80	106	56	98	18	0	0	0	254.

MEAN HS(M) = 3.1 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 10.1 NO. OF CASES= 254.

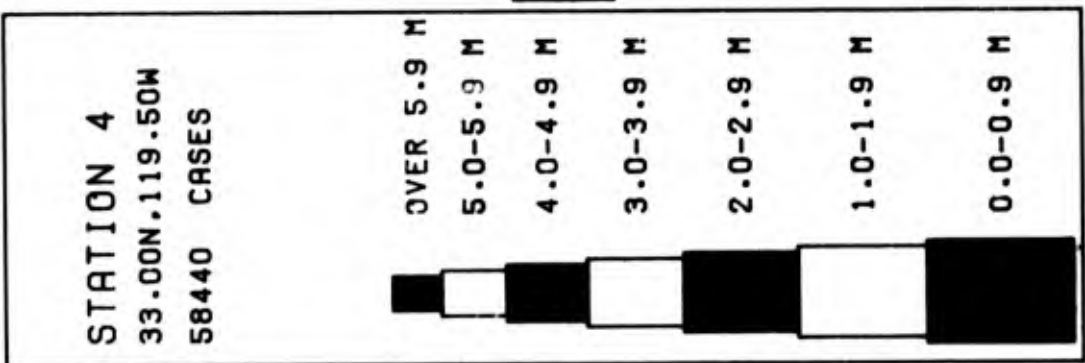
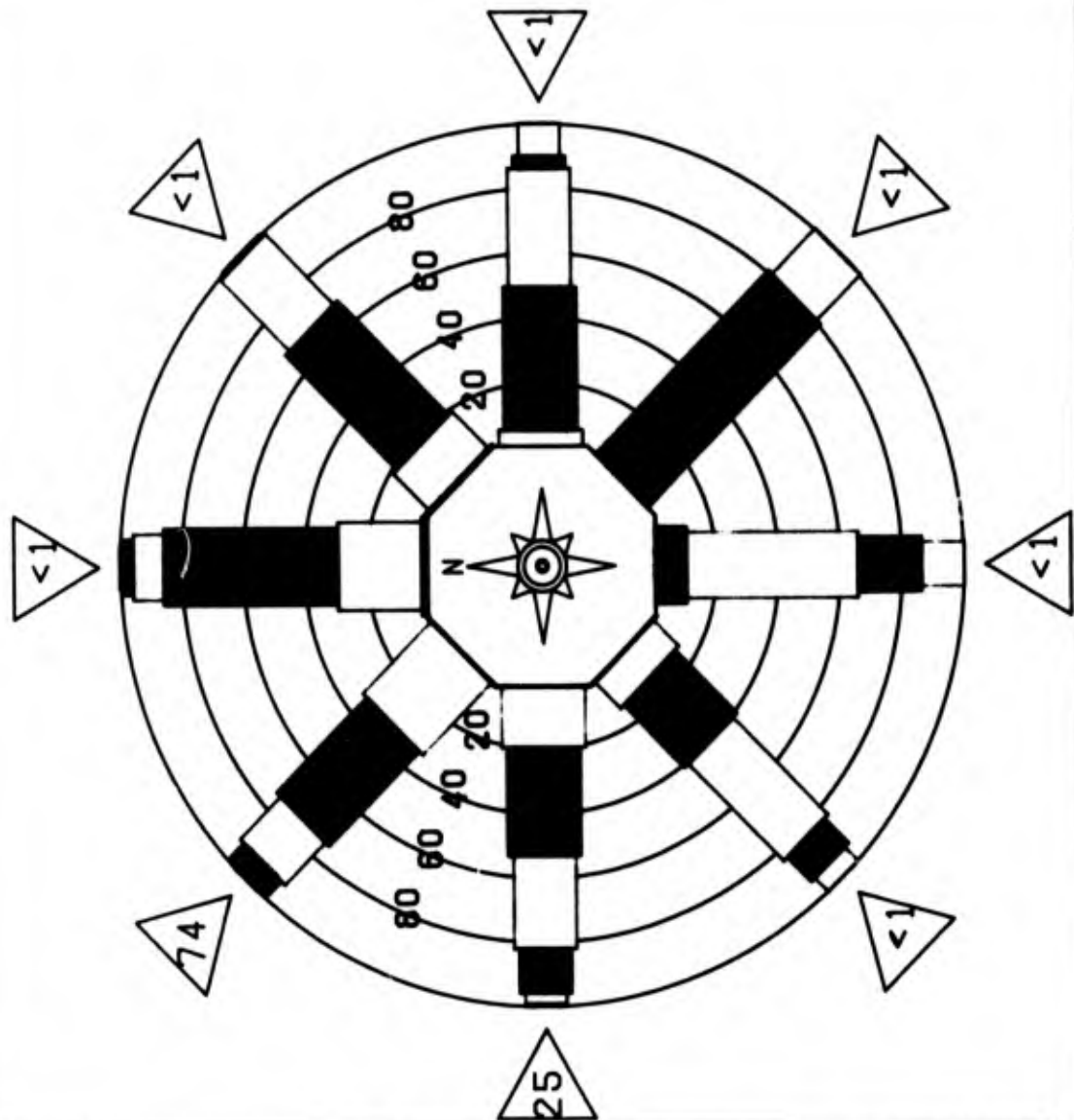
		STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 270.0										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		27	3	29		1	6				66	
1.0-1.9		34	116	340	94	118	32				739	
2.0-2.9		30	66	198	258	667	350	107			1736	
3.0-3.9			39	47	47	246	826	217	1		1483	
4.0-4.9			3	15	11	59	260	427			775	
5.0-5.9							15	135	11		161	
6.0-6.9								29	3		32	
7.0-7.9											0	
8.0-8.9											0	
9.0-9.9											0	
10.0+											0	
TOTAL		91	227	629	410	1091	1549	920	15	0	2893.	
MEAN HS(M) = 3.0		LARGEST HS(M)=		6.7		MEAN TP(SEC)= 11.4		NO. OF CASES=		2893.		

		STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 292.5										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		94	203	217	18	17					549	
1.0-1.9		1731	5023	10222	4481	2195	525	167	18		24367	
2.0-2.9		1315	6401	4854	5609	8976	6090	1119	56	1	34421	
3.0-3.9			3016	1167	403	2440	6993	4110	193		18322	
4.0-4.9			136	1062	65	88	1291	3790	451		6883	
5.0-5.9				181	63	5	82	746	629		1706	
6.0-6.9				5	23	1		58	142		229	
7.0-7.9									39		39	
8.0-8.9											0	
9.0-9.9											0	
10.0+											0	
TOTAL		3140	14779	17708	10662	13722	14981	9990	1528	6	50573.	
MEAN HS(M) = 2.6		LARGEST HS(M)=		7.4		MEAN TP(SEC)= 10.2		NO. OF CASES=		50573.		

		STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 315.0										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		3	51	17		23					94	
1.0-1.9		665	657	616	251	102	85	49			2425	
2.0-2.9		347	744	345	487	446	222	37			2618	
3.0-3.9			227	118	61	229	325	75			1041	
4.0-4.9			11	15	8	13	63	66	6		184	
5.0-5.9					1	1		32	23		57	
6.0-6.9											0	
7.0-7.9											0	
8.0-8.9											0	
9.0-9.9											0	
10.0+											0	
TOTAL		1015	1690	1111	809	815	695	259	37	0	3770.	
MEAN HS(M) = 2.3		LARGEST HS(M)=		6.7		MEAN TP(SEC)= 8.8		NO. OF CASES=		3770.		

		STATION 4 33.00N 119.50W AZIMUTH(DEGREES) = 337.5										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		1		1							2	
1.0-1.9		87	23	56	32	5	17	3			222	
2.0-2.9		53	80	54	54	17	30	10			337	
3.0-3.9			18		6	5	25	6	5		77	
4.0-4.9							5	10			20	
5.0-5.9								3			4	
6.0-6.9											0	
7.0-7.9											0	
8.0-8.9											0	
9.0-9.9											0	
10.0+											0	
TOTAL		141	121	111	92	83	77	35	6	0	397.	
MEAN HS(M) = 2.3		LARGEST HS(M)=		6.0		MEAN TP(SEC)= 8.9		NO. OF CASES=		397.		

STATION 4 33.00N 119.50W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	14	26	26	1	4						71
1.0-1.9	250	526	1129	481	242						2701
2.0-2.9	180	730	1480	650	1022						4507
3.0-3.9	.	350	1400	550	250						3744
4.0-4.9	.	150	111	20	10						196
5.0-5.9	.	.	.	.	.						23
6.0-6.9	.	.	.	.	.						3
7.0-7.9	.	.	.	.	.						0
8.0-8.9	.	.	.	.	.						0
9.0-9.9	.	.	.	.	.						0
10.0+	.	.	.	.	.						0
TOTAL	452	1733	1974	1212	1583	1741	1124	156	0	0	58440
MEAN HS(M)=	2.6	LARGEST HS(M)=	7.4	MEAN TP(SEC)=	10.1	TOTAL CASES=	58440.				



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 4 (33.00N 119.50W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	3.2	3.4	3.1	2.8	2.5	2.4	2.1	1.8	1.8	2.1	2.7	3.4		

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 4 (33.00N 119.50W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 4 (33.00N 119.50W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.6
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.0
STANDARD DEVIATION OF TP(SECONDS)=	2.6
LARGEST HS(METRES)=	7.4
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	16.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	292.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	69121321

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	1	1	1	1	.	.	.	.	.	4
1.0-1.9	13	5	18	10	37	15	5	.	1	.	126
2.0-2.9	.	13	.	.	5	3	1	.	.	.	25
3.0-3.9	.	.	.	.	.	.	.	.	.	.	5
4.0-4.9	.	.	.	.	.	.	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	5
6.0-6.9	.	.	.	.	.	.	.	.	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	5
10.0+	.	.	.	.	.	.	.	.	.	.	5
TOTAL	33	70	25	14	43	19	11	2	1	0	135

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 8.8 NO. OF CASES= 135.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	5	.	1	.	.	.	.	.	3
1.0-1.9	18	.	.	5	1	.	.	.	1	.	22
2.0-2.9	.	6	1	.	1	1	.	.	.	.	10
3.0-3.9	.	29	.	.	.	3	1	.	.	.	34
4.0-4.9	.	.	.	.	.	.	5	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	5
6.0-6.9	.	.	.	.	.	.	.	.	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	5
10.0+	.	.	.	.	.	.	.	.	.	.	5
TOTAL	39	97	6	5	15	9	9	0	1	0	111

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 111.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	1	.	.	.	.	.	.	.	0
1.0-1.9	3	8	1	1	1	.	.	.	.	.	14
2.0-2.9	.	6	1	.	.	3	.	.	.	.	10
3.0-3.9	.	4	.	.	.	.	.	1	.	.	5
4.0-4.9	.	3	.	.	.	.	.	.	1	.	4
5.0-5.9	.	.	.	.	.	.	.	.	.	.	5
6.0-6.9	.	.	.	.	.	.	.	.	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	5
10.0+	.	.	.	.	.	.	.	.	.	.	5
TOTAL	8	121	3	1	1	3	0	1	1	0	86

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.2 NO. OF CASES= 86.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	2	1	5	.	.	.	.	.	.	15
1.0-1.9	.	5	1	.	3	.	.	.	.	.	9
2.0-2.9	.	3	1	.	.	.	.	.	.	.	5
3.0-3.9	.	3	.	.	.	.	.	.	.	.	5
4.0-4.9	5
5.0-5.9	5
6.0-6.9	5
7.0-7.9	5
8.0-8.9	5
9.0-9.9	5
10.0+	5
TOTAL	3	95	8	5	3	0	1	1	0	0	72

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.4 NO. OF CASES= 72.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	3	15	.	.	3	.	.	.	.	.	21
4.0-4.9	.	22	.	.	.	.	1	.	.	.	23
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	6	.	.	.	.	.	.	6
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	3	37	12	7	3	0	1	0	0	0	40
TOTAL	3	37	12	7	3	0	1	0	0	0	40

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.1 NO. OF CASES= 40.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	.	10	.	.	.	.	.	.	.	.	10
4.0-4.9	.	6	.	.	.	.	.	.	.	.	6
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	16	0	0	0	0	0	0	0	0	10
TOTAL	0	16	0	0	0	0	0	0	0	0	10

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.8 NO. OF CASES= 10.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	.	10	.	.	.	.	.	.	.	.	10
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	10	0	0	0	0	0	0	0	0	6
TOTAL	0	10	0	0	0	0	0	0	0	0	6

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.5 NO. OF CASES= 6.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	4	0	0	0	0	0	0	0	0	3
TOTAL	0	4	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 3.6 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 7.1 NO. OF CASES= 3.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) =180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	.	5	10	.	.	.	.	.	.	.	15
5.0-5.9	.	.	8	.	.	.	.	.	.	.	11
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	8	18	0	0	0	0	0	0	0	0
MEAN HS(M) =	4.0	LARGEST HS(M)=	4.8	MEAN TP(SEC)=	8.1	NO. OF CASES=					16.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) =202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	0
1.0-1.9	0
2.0-2.9	.	1	.	1	.	.	.	.	.	.	0
3.0-3.9	.	3	13	3	.	.	1	.	.	.	24
4.0-4.9	.	3	6	1	.	.	.	.	.	.	15
5.0-5.9	.	.	1	3	1	.	.	.	.	.	5
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	12	21	10	1	0	1	0	0	0	0
MEAN HS(M) =	4.1	LARGEST HS(M)=	6.5	MEAN TP(SEC)=	8.9	NO. OF CASES=					31.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) =225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	0
1.0-1.9	17
2.0-2.9	.	10	17	.	.	.	.	.	.	.	43
3.0-3.9	.	37	10	22	1	3	6	.	.	.	59
4.0-4.9	.	1	17	6	1	5	.	.	.	.	29
5.0-5.9	.	.	3	1	1	10	.	.	.	.	14
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	48	48	29	3	18	6	0	0	0	0
MEAN HS(M) =	3.2	LARGEST HS(M)=	5.4	MEAN TP(SEC)=	9.1	NO. OF CASES=					94.

STATION 5 33.21N 120.04W AZIMUTH(DEGREES) =247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	11	.	.	.	.	.	.	.	.	.	11
1.0-1.9	.	1	6	18	.	.	.	.	.	.	27
2.0-2.9	6	3	25	42	18	8	6	.	.	.	108
3.0-3.9	.	27	27	30	37	47	.	.	.	.	168
4.0-4.9	.	1	3	8	15	34	3	.	.	.	64
5.0-5.9	.	.	25	3	6	17	3	.	.	.	54
6.0-6.9	.	.	.	.	.	.	5	.	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17	32	88	101	76	106	17	0	0	0	0
MEAN HS(M) =	3.4	LARGEST HS(M)=	6.3	MEAN TP(SEC)=	10.2	NO. OF CASES=					265.

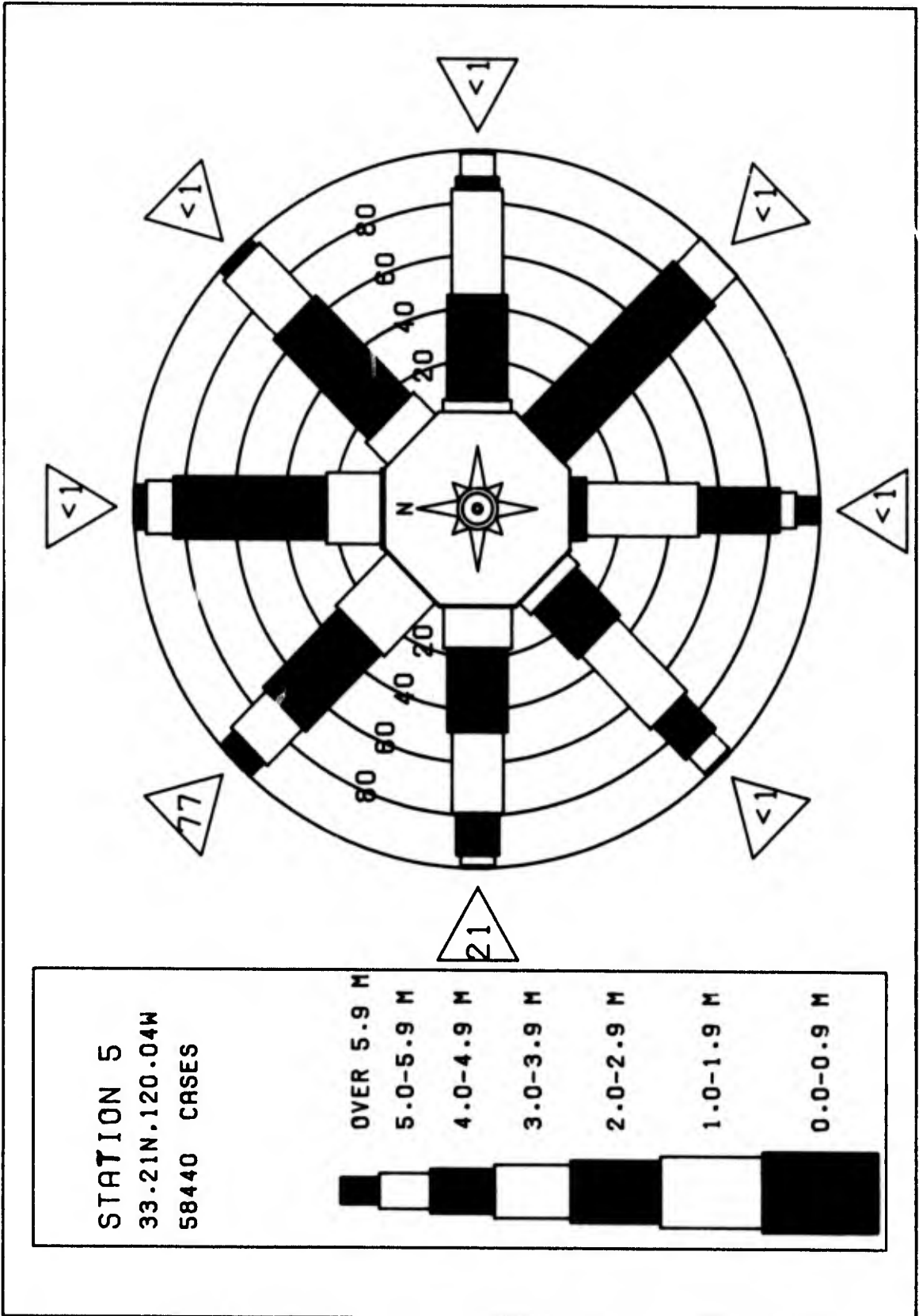
		STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 270.0										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		8	5	25	78	68	13	5	.	.	51	
1.0-1.9		30	100	248	78	68	30	.	.	.	51	
2.0-2.9		27	63	191	219	610	308	95	.	.	51	
3.0-3.9		.	49	47	63	297	689	200	3	.	51	
4.0-4.9		.	1	15	25	47	318	443	1	.	51	
5.0-5.9		.	.	.	.	.	18	136	17	.	51
6.0-6.9		.	.	.	.	.	.	42	.	.	51
7.0-7.9		.	.	.	.	.	.	.	.	.	51
8.0-8.9		.	.	.	.	.	.	.	.	.	51
9.0-9.9		.	.	.	.	.	.	.	.	.	51
10.0+		.	.	.	.	.	.	.	.	.	51
TOTAL		65	218	526	385	1022	1576	921	21	0	2778.	
MEAN HS(M) = 3.1		LARGEST HS(M)=		6.9		MEAN TP(SEC)= 11.5		NO. OF CASES=		2778.		

		STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 292.5										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		73	126	138	13	13	1	.	.	.	364	
1.0-1.9		1442	3894	9140	3909	1988	470	136	20	6	21005	
2.0-2.9		1343	6432	4789	5648	8778	5592	1014	51	1	33647	
3.0-3.9		.	3242	1024	465	2631	7132	3964	189	.	18647	
4.0-4.9		.	147	1045	53	140	1463	3915	422	.	7185	
5.0-5.9		.	.	169	61	5	85	800	605	.	1725	
6.0-6.9		.	.	3	18	.	.	70	142	.	233	
7.0-7.9		.	.	.	.	.	.	.	42	.	42
8.0-8.9		.	.	.	.	.	.	.	.	.	6
9.0-9.9		.	.	.	.	.	.	.	.	.	6
10.0+		.	.	.	.	.	.	.	.	.	6
TOTAL		2858	13841	16308	10167	13555	14743	9899	1471	7	48432.	
MEAN HS(M) = 2.7		LARGEST HS(M)=		7.5		MEAN TP(SEC)= 10.3		NO. OF CASES=		48432.		

		STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 315.0										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		6	47	133	311	183	143	68	.	.	66	
1.0-1.9		965	1156	1093	711	616	302	422	.	.	3909	
2.0-2.9		501	1235	658	822	371	501	85	.	.	4056	
3.0-3.9		.	338	212	223	13	87	85	.	.	159	
4.0-4.9		.	11	53	3	3	6	34	6	.	159	
5.0-5.9		.	.	5	1	.	.	1	22	.	280	
6.0-6.9		.	.	.	.	.	.	3	3	.	73
7.0-7.9		.	.	.	.	.	.	.	.	.	3
8.0-8.9		.	.	.	.	.	.	.	.	.	3
9.0-9.9		.	.	.	.	.	.	.	.	.	3
10.0+		.	.	.	.	.	.	.	.	.	3
TOTAL		1472	2787	2034	1130	1186	1039	313	42	0	5858.	
MEAN HS(M) = 2.3		LARGEST HS(M)=		6.8		MEAN TP(SEC)= 8.7		NO. OF CASES=		5858.		

		STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 337.5										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9		1	.	1	3	11	11	1	.	.	29	
1.0-1.9		114	11	65	39	11	11	1	.	.	29	
2.0-2.9		80	112	56	83	68	44	8	.	1	452	
3.0-3.9		.	35	1	11	20	27	13	1	.	103	
4.0-4.9		.	3	.	.	.	8	13	1	.	27	
5.0-5.9		.	.	.	.	.	.	3	.	.	3
6.0-6.9		.	.	.	.	.	.	.	.	.	3
7.0-7.9		.	.	.	.	.	.	.	.	.	3
8.0-8.9		.	.	.	.	.	.	.	.	.	3
9.0-9.9		.	.	.	.	.	.	.	.	.	3
10.0+		.	.	.	.	.	.	.	.	.	3
TOTAL		195	161	123	133	99	90	34	5	1	503.	
MEAN HS(M) = 2.4		LARGEST HS(M)=		6.1		MEAN TP(SEC)= 8.7		NO. OF CASES=		503.		

HEIGHT (METRES)	STATION 5 33.21N 120.04W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	10	17	18	1	1	1					48
1.0-1.9	259	518	1058	436	225	65	21				2584
2.0-2.9	199	813	574	674	1014	627	118	5			4024
3.0-3.9	.	389	135	66	336	861	426	20			2333
4.0-4.9	.	18	115	11	21	192	446	44			847
5.0-5.9	.	.	21	7	1	12	98	64			203
6.0-6.9	.	.	.	2	.	.	12	14			28
7.0-7.9	.	.	.	.	.	.	.	4			4
8.0-8.9	.	.	.	.	.	.	.	.			0
9.0-9.9	.	.	.	.	.	.	.	.			0
10.0+	.	.	.	.	.	.	.	.			0
TOTAL	468	1755	1921	1197	1598	1758	1121	153	0	0	0
MEAN HS(M)=	2.6	LARGEST HS(M)=		7.5	MEAN TP(SEC)=		10.1	TOTAL CASES=		58440.	



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 5 (33.21N 120.04W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												
MEAN	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.9	2.2	2.8	3.4

MEAN
 1956-1975

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 5 (33.21N 120.04W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 5 (33.21N 120.04W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

10.2
 292
 2.5
 16
 29
 69121318

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	1	15	6	.	.	.	.	.	.	15
1.0-1.9	30	35	13	23	25	15	1	.	.	.	100
2.0-2.9	.	.	.	.	.	11	5	.	.	.	10
3.0-3.9	.	.	.	.	.	.	6	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	70	41	28	30	35	21	15	0	0	0	147

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 8.5 NO. OF CASES= 147.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	1	.	.	.	.	.	3
1.0-1.9	22	.	5	3	15	8	6	.	.	.	107
2.0-2.9	41	29	.	.	13	3	.	.	.	.	34
3.0-3.9	.	.	.	.	.	1	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	66	47	5	3	29	12	6	0	0	0	102

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.8 NO. OF CASES= 102.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	1	1	1	.	.	.	.	.	.	1
1.0-1.9	27	1	.	.	3	8	1	1	.	.	38
2.0-2.9	.	25	.	.	.	.	.	.	.	.	25
3.0-3.9	.	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	50	82	1	1	6	9	3	2	0	0	96

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.2 NO. OF CASES= 96.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	5	1	1	.	.	.	.	.	.	0
1.0-1.9	10	2	.	5	3	3	.	.	.	.	10
2.0-2.9	.	7	.	.	.	.	.	.	.	.	7
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	168	1	6	3	3	0	1	0	0	116

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.0 NO. OF CASES= 116.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	10	126	15	6	0	0	0	1	0	0	148

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.3 NO. OF CASES= 96.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1	35	0	1	1	0	0	0	0	0	38

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.3 NO. OF CASES= 24.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1	10	0	0	1	0	0	0	0	0	12

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 7.1 NO. OF CASES= 8.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	0	7	0	0	0	0	1	0	0	0	7

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.8 NO. OF CASES= 6.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	1
2.0-2.9	.	1	13	.	1	.	1	.	.	.	0
3.0-3.9	.	1	1	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	7	22	0	1	0	1	0	0	0	0

MEAN HS(M) = 3.7 LARGEST HS(M) = 5.0 MEAN TP(SEC) = 8.5 NO. OF CASES = 21.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	.	1	10	5	1	.	3	.	.	.	1
3.0-3.9	.	3	10	1	1	.	.	.	.	.	1
4.0-4.9	.	.	1	5	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	14	20	12	2	0	3	0	0	0	0

MEAN HS(M) = 4.0 LARGEST HS(M) = 6.8 MEAN TP(SEC) = 9.0 NO. OF CASES = 34.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	.	1	2	.	.	.	.	.	.	.	0
2.0-2.9	.	10	18	23	5	1	0	.	.	.	1
3.0-3.9	.	37	15	0	1	8	1	.	.	.	3
4.0-4.9	.	.	1	1	1	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	61	57	33	6	17	9	0	0	0	0

MEAN HS(M) = 3.1 LARGEST HS(M) = 5.5 MEAN TP(SEC) = 9.1 NO. OF CASES = 114.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	3	5	2	.	.	.	.	.	.	1
2.0-2.9	6	10	15	25	5	1	1	.	.	.	2
3.0-3.9	.	27	15	34	2	7	13	.	.	.	3
4.0-4.9	.	8	3	0	2	7	10	.	.	.	0
5.0-5.9	.	.	3	1	2	5	5	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17	59	187	127	120	168	37	0	0	0	0

MEAN HS(M) = 3.2 LARGEST HS(M) = 6.3 MEAN TP(SEC) = 10.3 NO. OF CASES = 438.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	44	5	54		6						109
1.0-1.9	53	167	468	207	193	49					1137
2.0-2.9	58	97	277	347	751	431	140				2101
3.0-3.9		63	44	66	355	1018	231				1782
4.0-4.9		1	11	10	47	326	456	5			859
5.0-5.9			3			18	114	29			164
6.0-6.9							11	13			24
7.0-7.9							6				6
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	155	333	857	630	1352	1842	958	55	0	0	3624

MEAN HS(M) = 2.9 LARGEST HS(M) = 7.3 MEAN TP(SEC) = 11.2 NO. OF CASES = 3624.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	208	451	463	29	41	1					1193
1.0-1.9	1764	5309	11599	4695	2587	614	295	29	5		25807
2.0-2.9	1423	5107	4132	5135	9096	6310	1119	358			2380
3.0-3.9		2407	965	429	2275	6834	4147	224			17281
4.0-4.9		177	787	85	99	1334	3600	444			6526
5.0-5.9		1	109	54	6	59	687	568			1484
6.0-6.9			3	8			61	118			190
7.0-7.9							1	34			35
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	3395	13452	18058	10435	14104	15152	9820	1475	5	0	50212

MEAN HS(M) = 2.5 LARGEST HS(M) = 7.5 MEAN TP(SEC) = 10.2 NO. OF CASES = 50212.

STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	17	11		18	1	3				60
1.0-1.9	605	325	328	169	38	20	10				1490
2.0-2.9	434	455	391	444	472	178	41				2410
3.0-3.9	5	85	65	73	227	408	63	10			930
4.0-4.9		5	8	3	6	42	71	10			145
5.0-5.9			1				8	22			31
6.0-6.9							5				5
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1054	885	814	689	749	637	201	42	0	0	2975

MEAN HS(M) = 2.4 LARGEST HS(M) = 6.1 MEAN TP(SEC) = 8.9 NO. OF CASES = 2975.

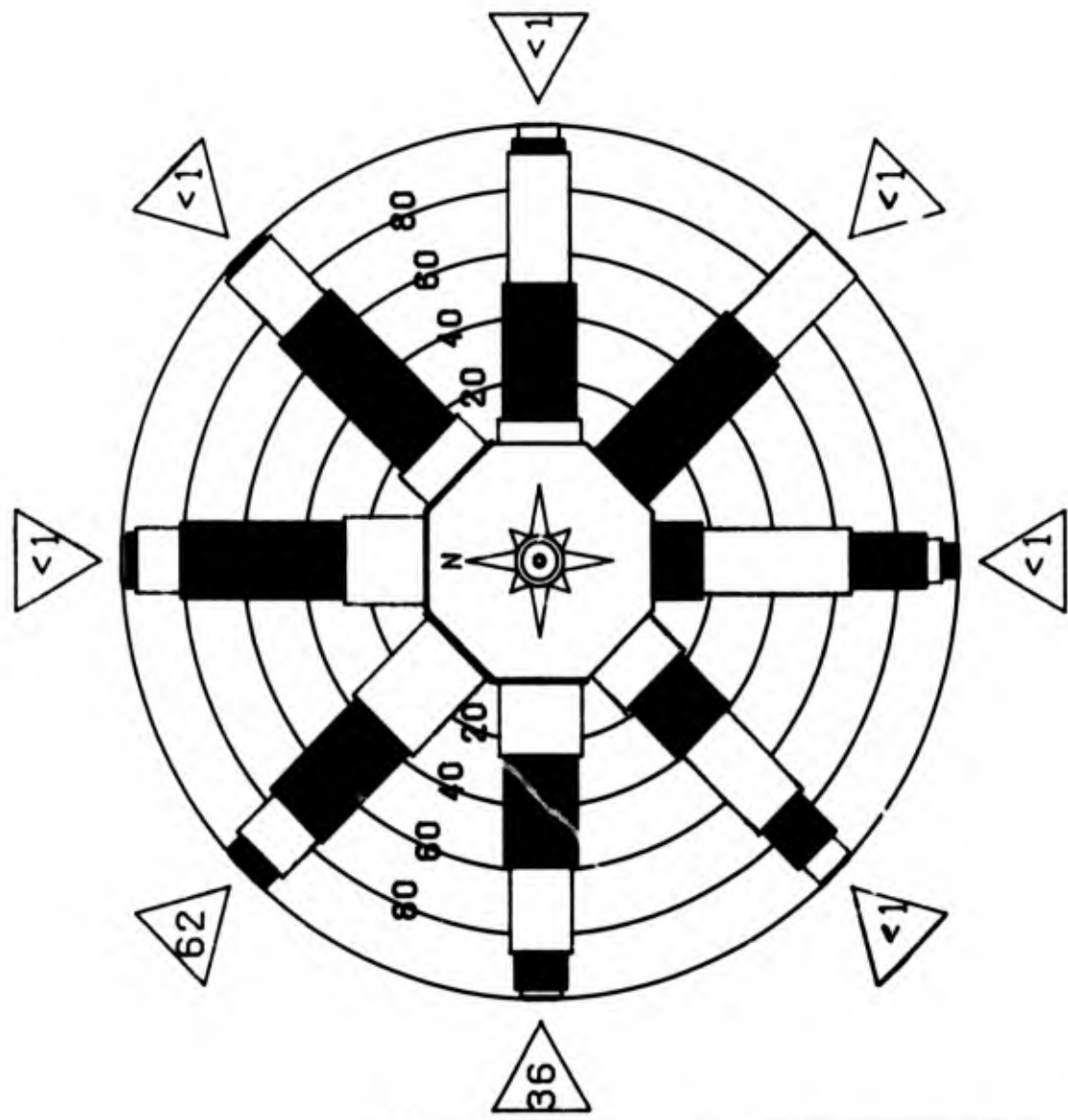
STATION 6 33.59N 119.83W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1		1								2
1.0-1.9	145	13	27	30		5	1				225
2.0-2.9	106	13	3	56	50	42	18				377
3.0-3.9				6	23	25	10				64
4.0-4.9							1				20
5.0-5.9							1				0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	252	89	80	92	85	80	33	3	0	0	427

MEAN HS(M) = 2.4 LARGEST HS(M) = 5.6 MEAN TP(SEC) = 8.4 NO. OF CASES = 427.

STATION 6 33.59N 119.83W FOR ALL DIRECTIONS										TOTAL		
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS												
HEIGHT(METRES)	4.4-6.0		6.1-8.0		8.1-10.5		10.6-13.3		13.4-18.1		18.2-22.3- LONGER	
0.0-0.9	28	47	53	2	6							136
1.0-1.9	20	58	54	51	28	68						208
2.0-2.9	214	200	49	71	104	70	21					300
3.0-3.9		20	11	6	29	18	13					206
4.0-4.9		21	15	10	17	17	4					173
5.0-5.9			16	9	1	8	8					23
6.0-6.9				1								3
7.0-7.9												
8.0-8.9												
9.0-9.9												
10.0+												
TOTAL	507	1542	2015	1205	1648	1794	1106	155	0	0		5844

MEAN HS(M)= 2.5 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



STATION 6
33.59N, 119.83W
58440 CASES

OVER 5.9 M
5.0-5.9 M
4.0-4.9 M
3.0-3.9 M
2.0-2.9 M
1.0-1.9 M
0.0-0.9 M

MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 6 (33.59N 119.83W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
95	2.8	3.0	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
96	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
97	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
98	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
99	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
00	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
01	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
02	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
03	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
04	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
05	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
06	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
07	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
08	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
09	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
10	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
11	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
12	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
13	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
14	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
15	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
16	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
17	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
18	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
19	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
20	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
21	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
22	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
23	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
24	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
25	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
26	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
27	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
28	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
29	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
30	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3
31	3.2	3.4	3.0	2.8	2.4	2.3	2.0	1.7	1.7	2.1	2.7	3.3

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 6 (33.59N 119.83W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
95	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
96	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
97	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
98	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
99	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
00	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
01	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
02	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
03	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
04	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
05	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
06	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
07	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
08	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
09	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
10	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
11	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
12	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
13	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
14	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
15	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
16	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
17	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
18	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
19	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
20	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
21	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
22	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
23	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
24	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
25	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
26	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
27	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
28	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
29	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
30	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
31	4.5	4.1	4.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4

20 YR. STATISTICS FOR PACIFIC STATION 6 (33.59N 119.83W)
 MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5 CENTER DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

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STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	1	1	3	.	1	.	.	.	1	
1.0-1.9	4	7	11	8	2	10	.	.	.	2	
2.0-2.9	1	11	.	.	13	3	.	.	.	2	
3.0-3.9	.	.	.	.	.	1	.	.	.	1
4.0-4.9	.	.	.	.	.	.	1	.	.	1
5.0-5.9	.	.	.	.	.	.	.	1	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.
TOTAL	55	39	12	11	35	18	13	1	0	0	115

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 8.7 NO. OF CASES= 115.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	1	1	.	.	.	.	.	.	.	1
1.0-1.9	10	18	3	3	1	3	3	.	.	.	1
2.0-2.9	2	6	.	.	5	3	.	.	.	.	2
3.0-3.9	.	.	.	.	.	3	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	1	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.	.
TOTAL	36	25	4	3	16	14	4	0	0	0	65

MEAN HS(M) = 2.6 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.2 NO. OF CASES= 65.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	.	1	.	.	.	.	.	.	.	0
1.0-1.9	23	4	1	.	6	5	1	.	.	.	1
2.0-2.9	1	2	1	.	3	1	.	.	.	.	7
3.0-3.9	.	1	.	.	.	.	3	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.	.
TOTAL	33	65	2	0	9	17	1	3	0	0	81

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.8 NO. OF CASES= 81.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	6	1	1	1	.	.	.	.	.	1
1.0-1.9	6	2	1	3	3	3	1	.	.	.	1
2.0-2.9	.	4	3	.	.	.	.	.	.	.	7
3.0-3.9	.	7	.	.	.	.	.	.	.	.	7
4.0-4.9	.	1	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.	.
TOTAL	9	120	5	4	4	3	1	0	0	0	91

MEAN HS(M) = 2.8 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.1 NO. OF CASES= 91.

STATION 7 33.81N 120.38W		AZIMUTH(DEGREES) = 90.0										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0	0	
1	0	
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	
11	0	
12	0	
13	0	
14	0	
15	0	
16	0	
17	0	
18	0	
19	0	
20	0	
21	0	
22	0	
23	0	
24	0	
25	0	
26	0	
27	0	
28	0	
29	0	
30	0	
TOTAL	0	94	13	3	3	1	0	1	0	0	76.	
MEAN HS(M) =	3.0		LARGEST HS(M)=		5.6		MEAN TP(SEC)=		7.5		NO. OF CASES=	76.

STATION 7 33.81N 120.38W		AZIMUTH(DEGREES) = 112.5										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0	0	
1	0	
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	
11	0	
12	0	
13	0	
14	0	
15	0	
16	0	
17	0	
18	0	
19	0	
20	0	
21	0	
22	0	
23	0	
24	0	
25	0	
26	0	
27	0	
28	0	
29	0	
30	0	
TOTAL	0	41	7	11	1	0	0	1	0	0	39.	
MEAN HS(M) =	3.3		LARGEST HS(M)=		5.4		MEAN TP(SEC)=		8.1		NO. OF CASES=	39.

STATION 7 33.81N 120.38W		AZIMUTH(DEGREES) = 135.0										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0	0	
1	0	
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	
11	0	
12	0	
13	0	
14	0	
15	0	
16	0	
17	0	
18	0	
19	0	
20	0	
21	0	
22	0	
23	0	
24	0	
25	0	
26	0	
27	0	
28	0	
29	0	
30	0	
TOTAL	0	6	0	0	0	0	0	0	0	0	4.	
MEAN HS(M) =	3.1		LARGEST HS(M)=		3.2		MEAN TP(SEC)=		7.0		NO. OF CASES=	4.

STATION 7 33.81N 120.38W		AZIMUTH(DEGREES) = 157.5										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0	0	
1	0	
2	0	
3	0	
4	0	
5	0	
6	0	
7	0	
8	0	
9	0	
10	0	
11	0	
12	0	
13	0	
14	0	
15	0	
16	0	
17	0	
18	0	
19	0	
20	0	
21	0	
22	0	
23	0	
24	0	
25	0	
26	0	
27	0	
28	0	
29	0	
30	0	
TOTAL	1	9	0	0	1	0	1	0	0	0	9.	
MEAN HS(M) =	2.7		LARGEST HS(M)=		3.6		MEAN TP(SEC)=		8.0		NO. OF CASES=	9.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	13	18	0	0	0	1	0	0	0	20

MEAN HS(M) = 4.0 LARGEST HS(M) = 5.4 MEAN TP(SEC) = 8.3 NO. OF CASES = 20

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	9	32	14	3	0	1	0	0	0	40

MEAN HS(M) = 4.2 LARGEST HS(M) = 7.4 MEAN TP(SEC) = 8.9 NO. OF CASES = 40

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	66	53	38	11	26	12	0	0	0	126

MEAN HS(M) = 3.5 LARGEST HS(M) = 5.6 MEAN TP(SEC) = 9.3 NO. OF CASES = 126

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	30	59	182	124	140	205	47	0	0	0	470

MEAN HS(M) = 3.4 LARGEST HS(M) = 6.7 MEAN TP(SEC) = 10.3 NO. OF CASES = 470

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	20	5	42	150	121	5	.	.	.	.	73
1.0-1.9	49	185	301	364	121	35	.	.	.	.	774
2.0-2.9	.	87	244	322	393	326	.	.	.	.	1832
3.0-3.9	.	3	10	11	51	393	219	.	.	.	1633
4.0-4.9	.	.	.	.	.	27	450	158	.	.	1843
5.0-5.9	.	.	.	.	.	.	15	11	.	.	26
6.0-6.9	.	.	.	.	.	.	6	.	.	.	6
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	111	314	629	588	1238	1752	912	68	0	0	3290

MEAN HS(M) = 3.1 LARGEST HS(M) = 7.6 MEAN TP(SEC) = 11.3 NO. OF CASES = 3290.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	147	234	285	280	22	583	177	16	.	.	708
1.0-1.9	133	483	1105	433	22	583	177	16	11	.	2470
2.0-2.9	5	203	445	520	203	583	177	16	.	.	1731
3.0-3.9	.	114	1095	109	140	718	303	21	.	.	1731
4.0-4.9	.	179	761	129	10	114	303	21	1	.	1634
5.0-5.9	.	8	106	7	1	.	764	34	.	.	853
6.0-6.9	.	.	.	.	.	.	83	.	.	.	83
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2945	12478	17762	10346	14280	15416	9816	1434	12	0	49391

MEAN HS(M) = 2.6 LARGEST HS(M) = 7.6 MEAN TP(SEC) = 10.3 NO. OF CASES = 49391.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	208	70	30	241	18	1	37	.	.	.	325
1.0-1.9	479	773	660	538	78	160	37	.	.	.	1922
2.0-2.9	3	94	804	109	473	127	66	.	.	.	1787
3.0-3.9	.	71	11	3	17	37	11	10	.	.	136
4.0-4.9	.	.	.	.	.	.	3	1	.	.	4
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1396	1864	1506	892	847	557	195	35	0	0	4273

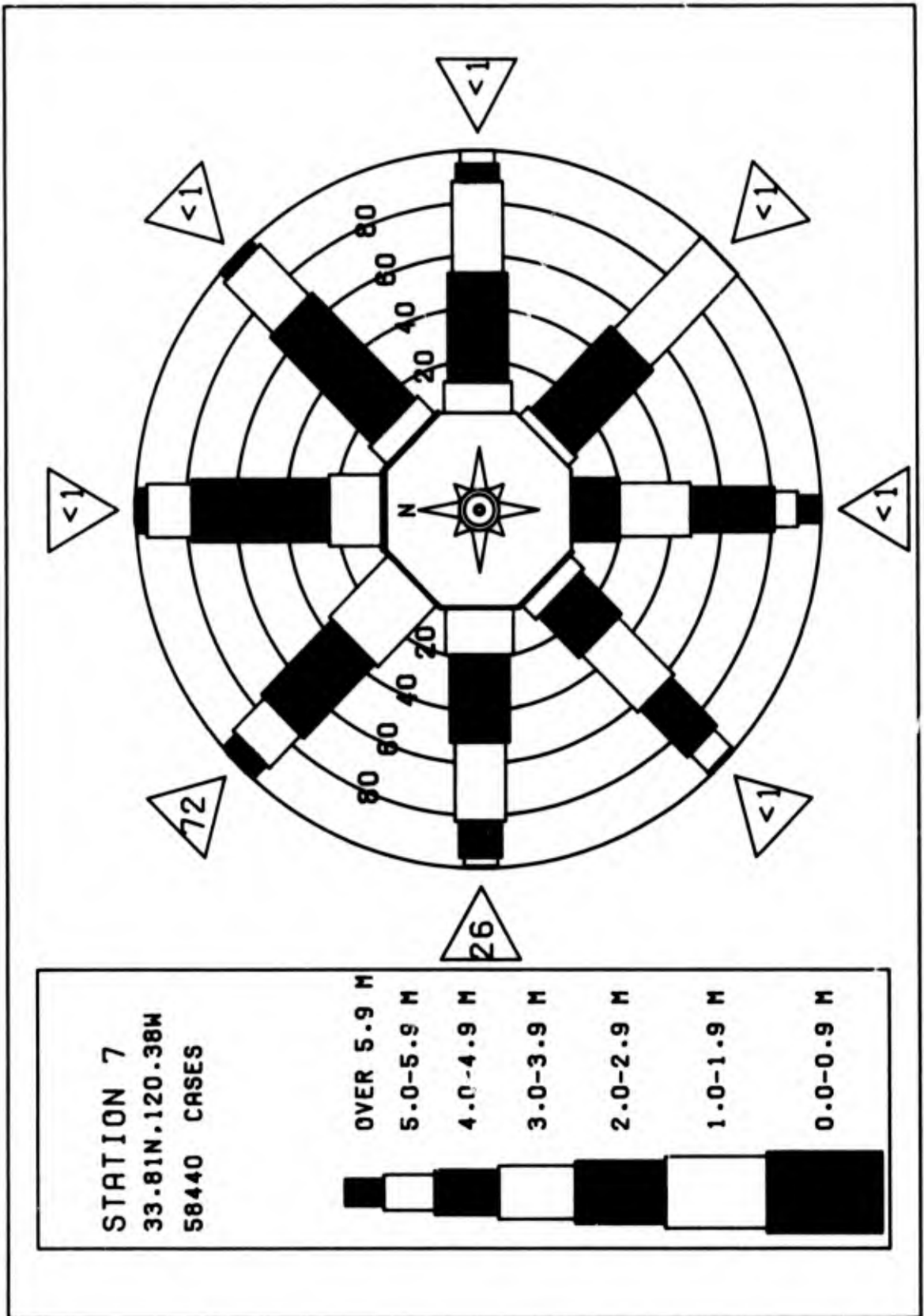
MEAN HS(M) = 2.2 LARGEST HS(M) = 6.3 MEAN TP(SEC) = 8.4 NO. OF CASES = 4273.

STATION 7 33.81N 120.38W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	15	8	11	.	4	.	.	.	.	37
1.0-1.9	13	41	27	17	47	33	10	.	.	.	203
2.0-2.9	3	3	5	8	27	36	10	.	.	.	122
3.0-3.9	.	.	.	.	.	.	1	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	204	59	91	62	75	73	24	0	0	0	350

MEAN HS(M) = 2.3 LARGEST HS(M) = 5.4 MEAN TP(SEC) = 8.4 NO. OF CASES = 350.

HEIGHT (METRES)	STATION 7 33.81N 120.38W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	19	31	36	2	4						92
0.1	229	578	1210	477	265	68	21	1			2880
0.2	204	505	1041	633	1033	662	427	6			2841
0.3	1	26	141	73	339	856	209	23			123
0.4		21	67	15	23	205	42	44			816
0.5		1	16	9	2	15	10	61			177
0.6							1	14			25
0.7								3			4
0.8											0
0.9											0
1.0											0
TOTAL	483	1528	2032	1209	1666	1806	1101	152	1	0	58440
MEAN HS(M)=	2.6	LARGEST HS(M)=	7.6	MEAN TP(SEC)=	10.2	TOTAL CASES=	58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 WIS STATION 7 (33.81N 120.38W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	3.3	3.4	3.1	2.8	2.4	2.3	2.0	1.7	1.8	2.2	2.8	3.4	
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
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2020													
2021													
2022													
2023													
2024													
2025													
2026													
2027													
2028													
2029													
2030													

LARGEST HS(METRES) BY MONTH AND YEAR
 WIS STATION 7 (33.81N 120.38W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975												
1976												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
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1987												
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2020												
2021												
2022												
2023												
2024												
2025												
2026												
2027												
2028												
2029												
2030												

20 YR. STATISTICS FOR PACIFIC STATION 7 (33.81N 120.38W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 2% S(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS)ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

69121318

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	25	14	7	1	29	25	6	0	1	0	69

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 9.5 NO. OF CASES= 69.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	14	13	1	1	8	9	1	0	1	0	33

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 9.0 NO. OF CASES= 33.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	3	38	5	0	10	1	1	0	0	0	37

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.9 NO. OF CASES= 37.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	6	55	7	1	3	5	0	0	0	0	48

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.4 NO. OF CASES= 48.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	5	39	18	4	0	0	0	1	0	0	42

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.7 NO. OF CASES= 42.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	46	8	19	3	0	0	4	0	0	52

MEAN HS(M) = 3.1 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 8.4 NO. OF CASES= 52.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	16	0	0	1	0	0	0	0	0	11

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 7.7 NO. OF CASES= 11.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	11	1	0	1	0	0	0	0	0	10

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 7.3 NO. OF CASES= 10.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	14	21	0	1	0	2	0	0	0	25

MEAN HS(M) = 3.8 LARGEST HS(M) = 5.6 MEAN TP(SEC) = 8.5 NO. OF CASES = 25.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	1	.	10	.	1	3	.	.	.	1
2.0-2.9	.	1	2	.	.	.	.	.	.	.	2
3.0-3.9	.	.	1	.	3	.	.	.	.	.	4
4.0-4.9	.	.	.	1	.	.	.	.	.	.	1
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	1	7	34	11	9	1	3	0	0	0	43

MEAN HS(M) = 4.3 LARGEST HS(M) = 7.7 MEAN TP(SEC) = 9.3 NO. OF CASES = 43.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	3	.	.	2	.	.	.	.	.	.	6
2.0-2.9	.	20	15	23	17	10	1	.	.	.	76
3.0-3.9	.	8	15	10	5	1	.	.	.	.	39
4.0-4.9	.	.	.	1	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	6	74	82	42	30	17	10	0	0	0	159

MEAN HS(M) = 3.7 LARGEST HS(M) = 7.0 MEAN TP(SEC) = 9.1 NO. OF CASES = 159.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	6	.	.	.	.	.	.	.	.	.	6
1.0-1.9	11	4	3	2	.	.	.	.	.	.	20
2.0-2.9	.	22	11	27	5	4	.	.	.	.	66
3.0-3.9	.	4	1	13	12	7	6	.	.	.	43
4.0-4.9	.	1	3	10	10	2	3	.	.	.	29
5.0-5.9	.	.	.	1	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	20	115	212	150	230	340	66	0	0	0	672

MEAN HS(M) = 3.4 LARGEST HS(M) = 6.4 MEAN TP(SEC) = 10.5 NO. OF CASES = 672.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	8	3	39	170	104	11	3	1	.	.	61
1.0-1.9	53	73	224	365	766	43	15	1	.	.	2101
2.0-2.9	.	78	230	395	766	43	15	1	.	.	2101
3.0-3.9	.	9	27	11	44	1	1	.	.	.	118
4.0-4.9	.	.	.	.	.	.	.	.	.	.	11
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	108	230	535	644	1391	1964	1273	108	0	0	8000
TOTAL	108	230	535	644	1391	1964	1273	108	0	0	8000

MEAN HS(M) = 3.2 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 11.6 NO. OF CASES= 3667.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	87	100	201	10	6	1	.	.	.	.	405
1.0-1.9	1014	3039	9224	1750	2231	8689	573	154	20	5	20010
2.0-2.9	1078	2808	4158	5221	8689	573	154	20	5	5	20010
3.0-3.9	.	2428	862	525	2608	5605	1018	20	.	.	17799
4.0-4.9	.	119	86	44	162	1729	364	44	.	.	6912
5.0-5.9	.	1	10	30	1	126	97	1	.	.	1554
6.0-6.9	.	.	3	5	.	1	1	.	.	.	212
7.0-7.9	.	.	.	.	.	.	.	.	.	.	56
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	2179	10555	15349	9755	13897	15091	9454	1408	5	0	8000
TOTAL	2179	10555	15349	9755	13897	15091	9454	1408	5	0	8000

MEAN HS(M) = 2.7 LARGEST HS(M)= 7.6 MEAN TP(SEC)= 10.5 NO. OF CASES= 45418.

STATION 8 34.01N 120.92W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	47	35	1	.	.	.	.	.	.	93
1.0-1.9	1526	1548	1326	280	138	94	53	.	.	.	4965
2.0-2.9	1084	2438	1202	643	521	162	37	.	1	.	6088
3.0-3.9	.	580	417	165	412	325	22	.	.	.	1921
4.0-4.9	.	25	147	27	37	104	33	3	.	.	366
5.0-5.9	.	.	13	20	6	17	17	1	.	.	74
6.0-6.9	.	.	.	1	.	.	1	.	.	.	2
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	2620	4638	3140	1137	1114	702	153	4	1	0	8000
TOTAL	2620	4638	3140	1137	1114	702	153	4	1	0	8000

MEAN HS(M) = 2.3 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 7.9 NO. OF CASES= 7907.

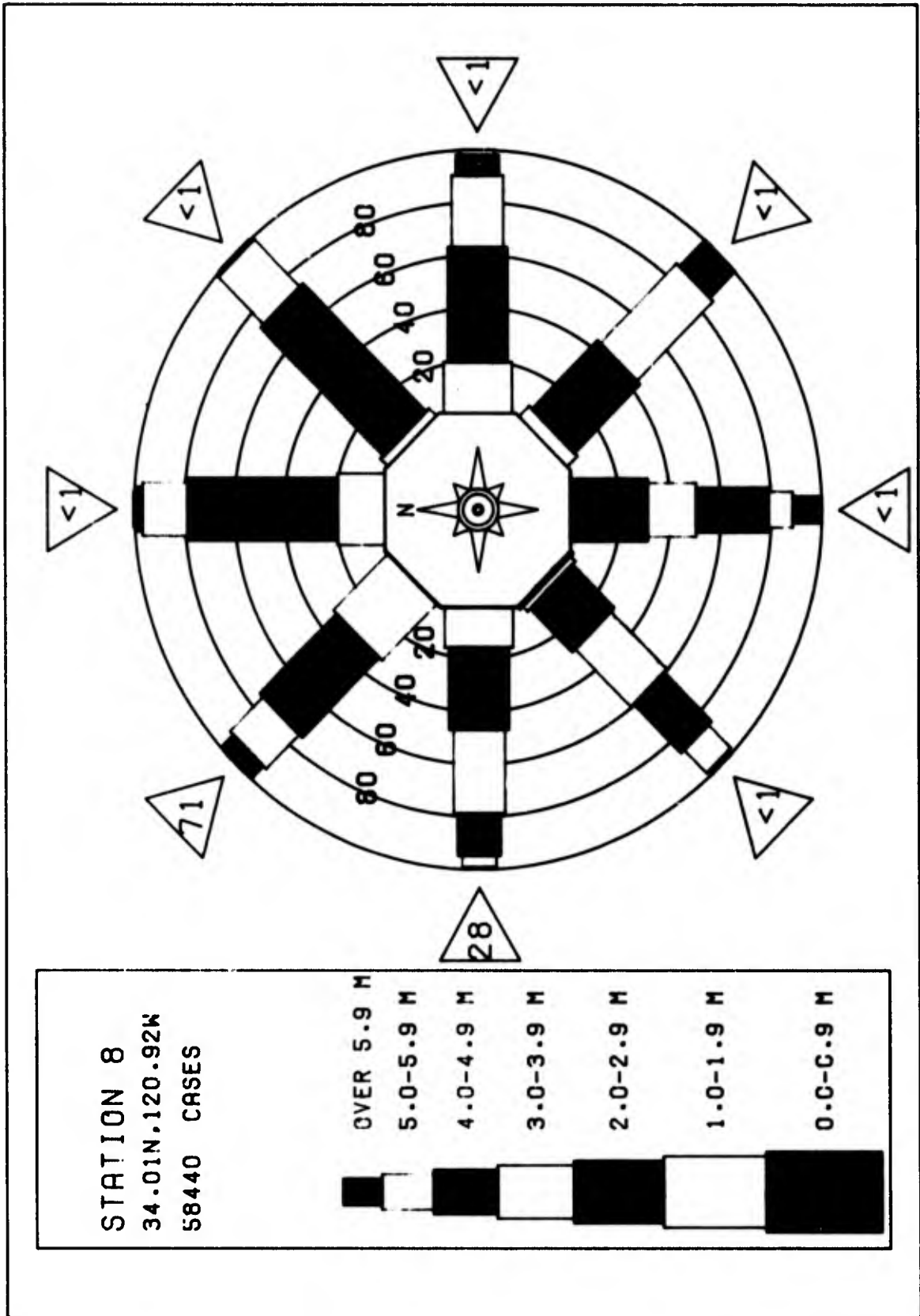
STATION 8 34.01N 120.92W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	77	3	.	1	.	1	.	.	.	.	82
2.0-2.9	83	73	39	5	25	15	5	.	.	.	248
3.0-3.9	1	29	13	5	11	10	3	.	.	.	69
4.0-4.9	.	.	.	.	.	6	.	.	.	.	9
5.0-5.9	.	.	.	.	.	.	1	1	.	.	2
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	162	105	52	14	36	32	9	1	0	0	8000
TOTAL	162	105	52	14	36	32	9	1	0	0	8000

MEAN HS(M) = 2.5 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.7 NO. OF CASES= 247.

HEIGHT (METRES)	STATION 8 34.01N 120.92W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	11	15	27	1	1	1					5
1.0-1.9	28	47	107	22	24	70	21	3			15
2.0-2.9	235	753	1274	64	101	229	123	2			100
3.0-3.9		335	574	22	38	85	41	1			5
4.0-4.9		17	140	11	3	22	12	1			1
5.0-5.9			17	1		2	1				
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	515	1598	1945	1177	1675	1817	1098	150	0	0	58440

MEAN HS(M)= 2.7 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 10.2 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 8 (34.01N 120.92W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1957	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1958	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1959	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1960	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1961	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1962	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1963	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1964	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1965	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1966	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1967	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1968	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1969	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1970	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1971	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1972	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1973	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1974	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
1975	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5
MEAN	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4	2.5

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 8 (34.01N 120.92W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1957	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1958	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1959	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1960	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1961	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1962	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1963	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1964	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1965	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1966	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1967	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1968	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1969	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1970	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1971	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1972	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1973	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1974	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4
1975	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.8	3.4

20 YR. STATISTICS FOR PACIFIC STATION 8 (34.01N 120.92W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.7
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292
 STANDARD DEVIATION OF HS(METRES)= 1.1
 STANDARD DEVIATION OF TP(SECONDS)= 3.1
 LARGEST HS(METRES)= 11.1
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 19.0
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 160
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 59021609

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	7	14	2	3	21	12	2	0	1	0	42

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 9.9 NO. OF CASES= 42.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	3	29	1	.	5	.	5	.	.	.	4
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	33	2	0	11	0	5	0	0	0	34

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 8.1 NO. OF CASES= 34.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	5	11	.	.	3	3	.	.	.	.	11
4.0-4.9	1	1	5	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	13	5	0	4	3	1	0	0	0	22

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 8.1 NO. OF CASES= 22.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	34	6	3	1	2	0	0	0	0	31

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.5 NO. OF CASES= 31.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	.	1	.	3	.	.	.	.	.	.	0
2	.	13	18	.	.	.	.	.	.	.	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
TOTAL	0	29	18	6	0	0	0	1	0	0	34

MEAN HS(M) = 2.6 LARGEST HS(M) = 4.9 MEAN TP(SEC) = 8.0 NO. OF CASES = 34.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	.	18	.	3	.	.	.	.	.	.	0
2	.	13	11	.	.	.	.	5	.	.	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
TOTAL	0	36	9	14	0	0	0	5	0	0	40

MEAN HS(M) = 3.0 LARGEST HS(M) = 4.9 MEAN TP(SEC) = 8.4 NO. OF CASES = 40.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	0
2	.	10	.	.	5	.	.	.	.	.	0
3	.	22	.	.	1	.	.	.	.	.	0
4	0
5	0
6	0
7	0
8	0
9	0
TOTAL	0	32	0	0	6	0	0	0	0	0	23

MEAN HS(M) = 3.1 LARGEST HS(M) = 3.7 MEAN TP(SEC) = 7.8 NO. OF CASES = 23.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	0
2	.	3	1	.	1	.	.	.	.	.	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
TOTAL	0	8	1	0	1	0	0	0	0	0	7

MEAN HS(M) = 3.0 LARGEST HS(M) = 3.3 MEAN TP(SEC) = 8.0 NO. OF CASES = 7.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	0	19	2	1	0	2	0	0	0	23

MEAN HS(M) = 4.0 LARGEST HS(M) = 6.9 MEAN TP(SEC) = 9.0 NO. OF CASES = 23.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	14	41	10	15	3	5	0	0	0	58

MEAN HS(M) = 4.3 LARGEST HS(M) = 8.1 MEAN TP(SEC) = 9.5 NO. OF CASES = 58.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	4	73	96	49	18	22	9	0	0	0	166

MEAN HS(M) = 3.8 LARGEST HS(M) = 7.3 MEAN TP(SEC) = 9.1 NO. OF CASES = 166.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	19	142	185	166	305	338	89	0	0	0	738

MEAN HS(M) = 3.6 LARGEST HS(M) = 6.4 MEAN TP(SEC) = 10.6 NO. OF CASES = 738.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	1		10			8					19
1.0-1.9	39	37	123	121	56	34	1				41
2.0-2.9	41	44	105	43	40	34					168
3.0-3.9		95	222	119	22	29					168
4.0-4.9		8	10	5	9	5					30
5.0-5.9											1
6.0-6.9											1
7.0-7.9											1
8.0-8.9											1
9.0-9.9											1
TOTAL	81	185	361	576	1167	1844	1243	100	0	0	3259

MEAN HS(M) = 3.4 LARGEST HS(M)= 7.5 MEAN TP(SEC)= 11.8 NO. OF CASES= 3259.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9			123			5					209
1.0-1.9	46	35	123	2607	1625	427					2927
2.0-2.9	484	937	5160	2430	4752	5010					17427
3.0-3.9	564	2944	2511	429	3059	7003					17427
4.0-4.9		2733	682	41	177	1887					7544
5.0-5.9		133	899	23	1	378					1599
6.0-6.9			97			109					241
7.0-7.9											62
8.0-8.9											0
9.0-9.9											0
TOTAL	1094	6282	9416	7532	12581	14431	9365	1394	0	0	36302

MEAN HS(M) = 2.9 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 10.9 NO. OF CASES= 36302.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9			53								72
1.0-1.9	205	11	53	506	249	94					846
2.0-2.9	1714	2265	3165	1673	1454	482					14976
3.0-3.9		2387	3168	497	929	835					4396
4.0-4.9		1480	314	27	46	407					976
5.0-5.9		63	32	5	5	47					166
6.0-6.9			51								10
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
TOTAL	3775	10206	7406	2636	2683	1865	417	11	1	0	10958

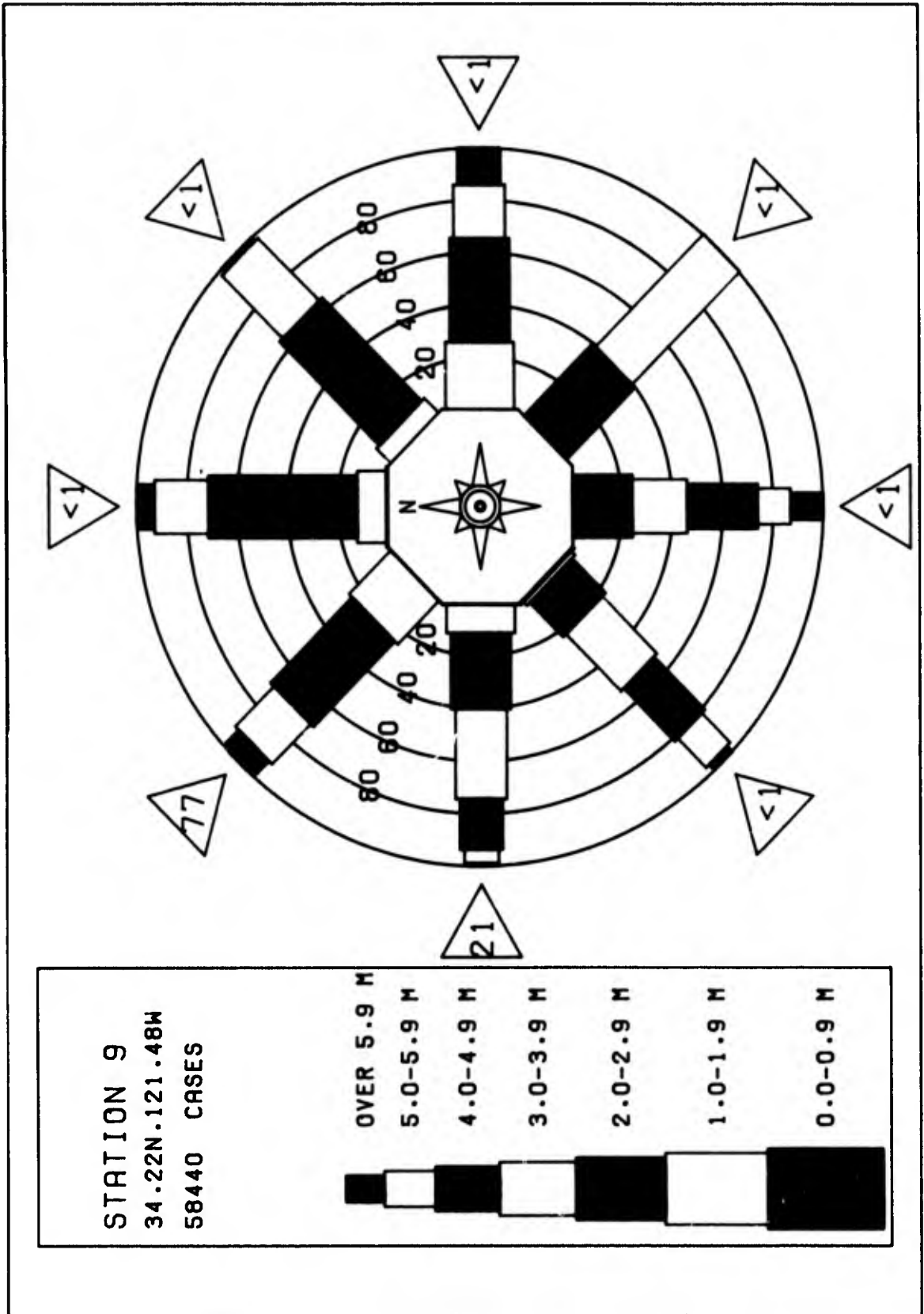
MEAN HS(M) = 2.4 LARGEST HS(M)= 6.1 MEAN TP(SEC)= 8.2 NO. OF CASES= 10958.

STATION 9 34.22N 121.48W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											3
1.0-1.9	12										15
2.0-2.9	100	32	1	2	1	1					104
3.0-3.9		434	41	2	3	4					499
4.0-4.9		219	41	3	1	3					294
5.0-5.9		1	39								49
6.0-6.9			1								1
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
TOTAL	224	686	123	36	59	53	6	0	3	0	703

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 7.4 NO. OF CASES= 703.

HEIGHT (METRES)	STATION 9 34.22N 121.48W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	6	4	18	32	19	55	14	1	.	.	20
1.0-1.9	270	333	647	325	993	592	115	9	.	.	42
2.0-2.9	244	1001	605	656	457	889	406	20	.	.	24
3.0-3.9	.	419	143	102	40	297	449	39	.	.	22
4.0-4.9	.	22	134	12	3	21	112	61	.	.	9
5.0-5.9	.	.	21	7	.	.	16	14	.	.	2
6.0-6.9	.	.	.	2	.	.	1	6	.	.	3
7.0-7.9	.	.	.	.	.	.	.	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	7
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	520	1779	1768	1104	1686	1855	1113	150	0	0	58440
MEAN HS(M)=	2.8	LARGEST HS(M)= 8.1		MEAN TP(SEC)= 10.1			TOTAL CASES= 58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 9 (34.22N 121.48W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1954														
1955														
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5		

MEAN
 1954
 1955
 1956
 1957
 1958
 1959
 1960
 1961
 1962
 1963
 1964
 1965
 1966
 1967
 1968
 1969
 1970
 1971
 1972
 1973
 1974
 1975

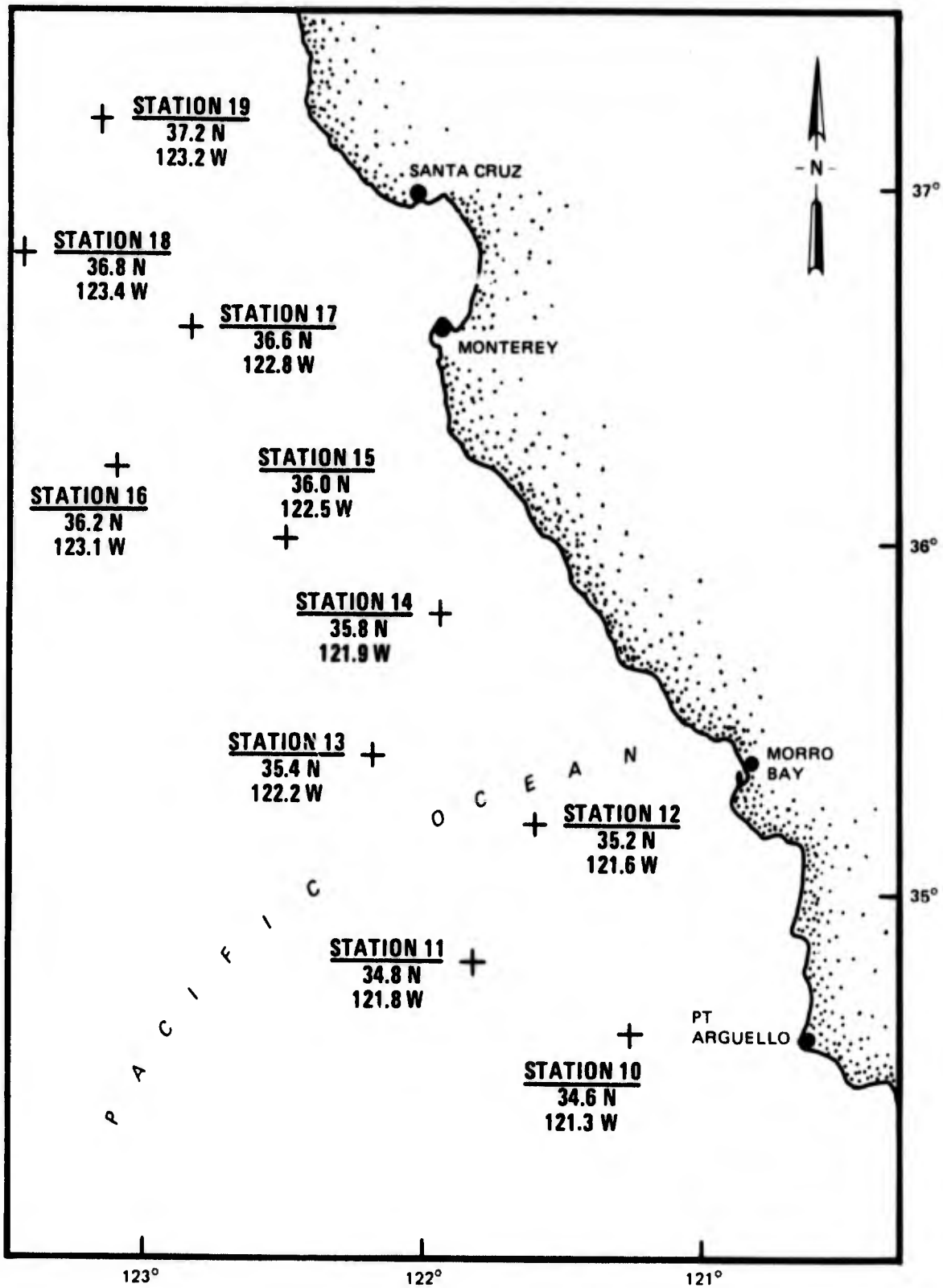
LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 9 (34.22N 121.48W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.4	4.0										
1957	5.4	4.0										
1958	5.5	5.0										
1959	5.5	5.0										
1960	6.0	5.0										
1961	6.0	5.0										
1962	6.0	5.0										
1963	6.0	5.0										
1964	6.0	5.0										
1965	6.0	5.0										
1966	6.0	5.0										
1967	6.0	5.0										
1968	6.0	5.0										
1969	6.0	5.0										
1970	6.0	5.0										
1971	6.0	5.0										
1972	6.0	5.0										
1973	6.0	5.0										
1974	6.0	5.0										
1975	6.0	5.0										

20 YR. STATISTICS FOR PACIFIC STATION 9 (34.22N 121.48W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.2
 MOST FREQUENT (2.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 0.7
 LARGEST HS(METRES)= 6.1
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.1
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 199.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 59021609

APPENDIX B: STA 10 THROUGH 19



STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	13	0	1	3	13	3	0	1	0	0	33

MEAN HS(M) = 2.2 LARGEST HS(M) = 3.3 MEAN TP(SEC) = 8.7 NO. OF CASES = 33.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	7	0	5	0	0	0	0	0	0	0	8

MEAN HS(M) = 2.3 LARGEST HS(M) = 3.0 MEAN TP(SEC) = 6.7 NO. OF CASES = 8.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	4	0	1	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.2 LARGEST HS(M) = 2.4 MEAN TP(SEC) = 6.1 NO. OF CASES = 4.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	7	1	0	0	0	0	0	0	0	0	6

MEAN HS(M) = 2.5 LARGEST HS(M) = 3.1 MEAN TP(SEC) = 5.9 NO. OF CASES = 6.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	5	6	0	0	0	0	0	1	0	0	8

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.4 NO. OF CASES= 8.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	8	0	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 3.2 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 5.8 NO. OF CASES= 5.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 3.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 5.8 NO. OF CASES= 2.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	8	1	0	0	1	0	0	0	0	0	7

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.6 NO. OF CASES= 7.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) =180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	3	6	.	5	.	.	.	.	.	24
2.0-2.9	.	.	1	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	10	3	7	0	5	0	0	0	0	0	0
TOTAL	10	3	7	0	5	0	0	0	0	0	0

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 16.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) =202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	6	6	3	1	.	.	.	.	1
2.0-2.9	.	1	2	1	1	5	.	.	.	.	1
3.0-3.9	.	.	6	1	3	1	.	.	.	.	1
4.0-4.9	3	1	.	.	.	.	4
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	17	42	11	12	7	0	0	0	0	0
TOTAL	0	17	42	11	12	7	0	0	0	0	0

MEAN HS(M) = 4.3 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 9.3 NO. OF CASES= 58.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) =225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	1	.	.	3	.	.	.	.	.	5
1.0-1.9	8	2	2	18	17	5	13	.	.	.	10
2.0-2.9	.	4	2	1	1	1	6	.	.	.	10
3.0-3.9	.	6	4	3	10	1	1	.	.	.	21
4.0-4.9	.	.	.	.	.	.	1	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	13	81	105	33	54	34	21	0	0	0	0
TOTAL	13	81	105	33	54	34	21	0	0	0	0

MEAN HS(M) = 3.5 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 9.4 NO. OF CASES= 209.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) =247.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	8	3	6	2	1	10	.	.	.	.	8
1.0-1.9	11	5	3	2	1	9	.	.	.	.	15
2.0-2.9	6	4	4	2	2	9	.	.	.	.	24
3.0-3.9	.	11	5	3	2	10	1	.	.	.	20
4.0-4.9	.	.	2	1	1	1	3	.	.	.	8
5.0-5.9	.	.	.	.	.	.	1	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	25	140	173	131	217	396	99	3	0	0	0
TOTAL	25	140	173	131	217	396	99	3	0	0	0

MEAN HS(M) = 3.3 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 10.7 NO. OF CASES= 704.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	18		27			10					55
1.0-1.9	59	41	188	130	130	41					600
2.0-2.9	32	58	114	237	597	494	10				1607
3.0-3.9		68	20	68	287	828	131				1807
4.0-4.9		10	1		56	200	362				739
5.0-5.9						17	88				105
6.0-6.9							5				5
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	109	177	353	435	1070	1680	934	61	0	0	2827

MEAN HS(M) = 3.0 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 11.6 NO. OF CASES= 2827.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	97	107	328	41	8	13					594
1.0-1.9	787	3098	9221	3894	2588	6358					20324
2.0-2.9	675	3978	3612	5408	9048	5975					29993
3.0-3.9		1952	917	561	2708	7404					17666
4.0-4.9		116	708	53	176	1606					6717
5.0-5.9			68	32	6	94					1573
6.0-6.9			1	3		1					199
7.0-7.9											67
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1559	9251	14855	9992	14534	15731	9815	1448	20	0	45134

MEAN HS(M) = 2.6 LARGEST HS(M)= 7.9 MEAN TP(SEC)= 10.6 NO. OF CASES= 45134.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	17	63	58								138
1.0-1.9	1642	1920	1608	309	126	104					5824
2.0-2.9	1129	2740	1508	810	630	409					7061
3.0-3.9		552	482	139	439	354					2036
4.0-4.9		27	166	11	44	147					406
5.0-5.9			11	13	5	17					50
6.0-6.9			1	1							0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2789	5327	3852	1330	1252	817	174	0	2	0	9094

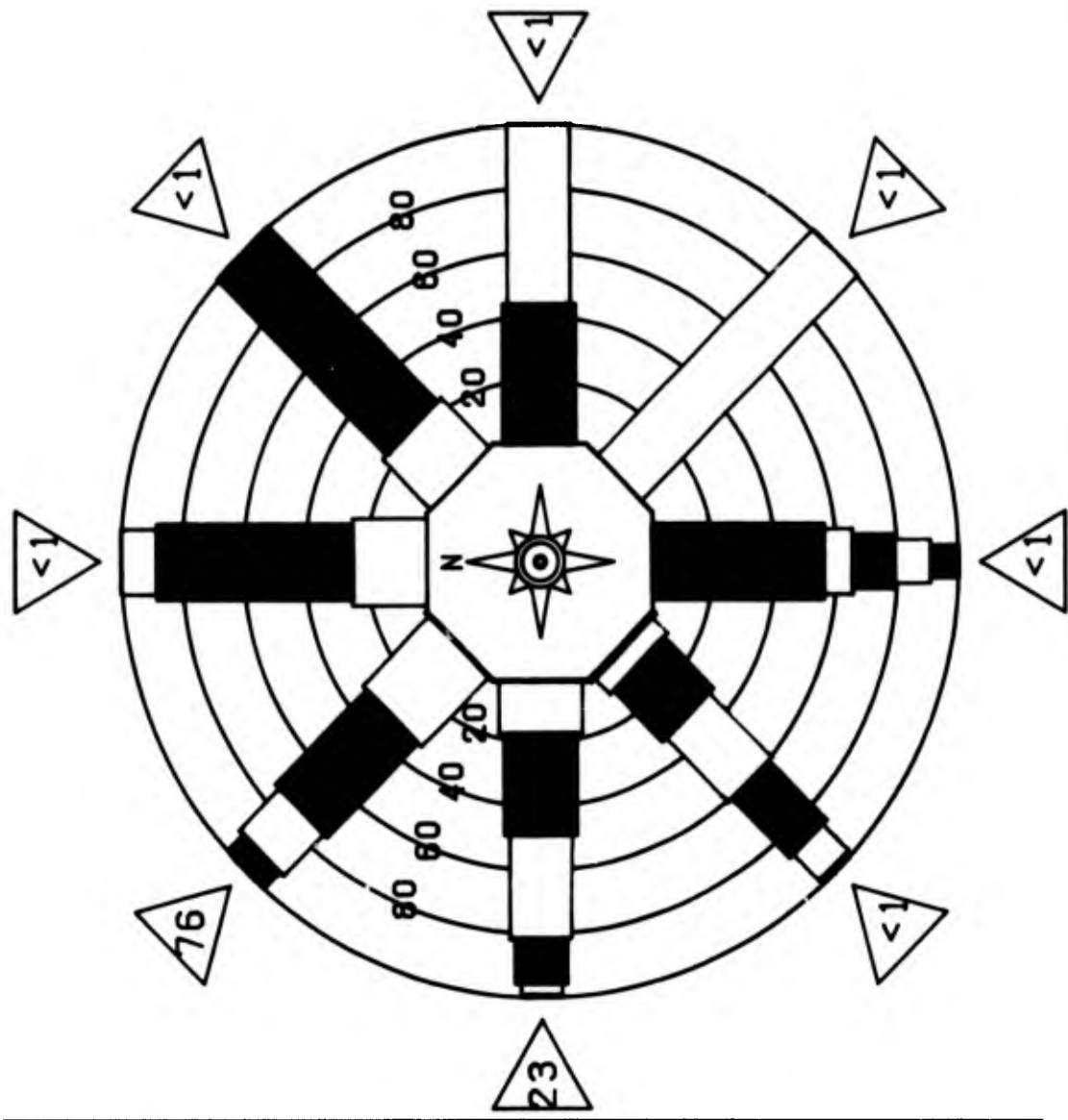
MEAN HS(M) = 2.2 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 8.0 NO. OF CASES= 9094.

STATION 10 34.61N 121.26W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1		8								1
1.0-1.9	121	6		3	3	8					149
2.0-2.9	135	92	40	22	34	8					342
3.0-3.9	3	25	11		11	1					51
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	260	123	66	25	48	17	1	1	3	0	325

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 7.1 NO. OF CASES= 325.

STATION 10 34 61N 121 26W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	14	17	41	4	2	2	1	1	1	1	78
1.0-1.9	26	51	111	43	28	80	15	5	1	1	271
2.0-2.9	20	39	53	65	104	67	43	7	1	1	376
3.0-3.9	2	27	149	81	35	76	31	22	1	1	216
4.0-4.9		17	94	12	3	16	8	40	1	1	186
5.0-5.9			11	6		15	9	50			137
6.0-6.9							3	13			22
7.0-7.9							1	6			7
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	482	1512	1945	1194	1718	1866	1102	149	2	0	58440
MEAN HS(M)= 2.6	LARGEST HS(M)= 7.9		MEAN TP(SEC)= 10.2			TOTAL CASES= 58440.					



STATION 10
34.61N.121.26W
58440 CASES

OVER 5.9 M	5.0-5.9 M	4.0-4.9 M	3.0-3.9 M	2.0-2.9 M	1.0-1.9 M	0.0-0.9 M
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MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 10 (34.61N 121.26W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	3.2	3.3	3.1	2.9	2.5	2.3	2.0	1.8	1.8	2.2	2.8	3.4		

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 10 (34.61N 121.26W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1955	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

20 YR. STATISTICS FOR PACIFIC STATION 10 (34.61N 121.26W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 92.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 3.6
 LARGEST HS(METRES)= 7.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 205.0
 DATE OF LARGEST HS OCCURRENCE IS (R,MO,DA,HR) 64011906

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13	10	5	1	17	0	1	0	1	0	31

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 8.7 NO. OF CASES= 31.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9	2	3	0	0	0	1	0	0	0	11

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 7.0 NO. OF CASES= 11.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12	3	0	0	0	0	0	0	0	0	10

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 5.8 NO. OF CASES= 10.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	4	1	0	0	0	0	1	0	0	6

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 8.1 NO. OF CASES= 6.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	17	0	0	0	0	0	2	0	0	19

MEAN HS(M) = 3.3 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 8.3 NO. OF CASES= 13.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	8	0	0	0	0	0	0	0	0	8

MEAN HS(M) = 3.4 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.7 NO. OF CASES= 5.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	12	0	0	1	0	0	0	0	0	13

MEAN HS(M) = 3.2 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.1 NO. OF CASES= 9.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	18	0	0	8	0	0	0	0	0	26

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 8.0 NO. OF CASES= 16.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) =180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	18
2.0-2.9	.	5	8	.	5	.	.	.	.	.	7
3.0-3.9	.	1	1	3	1	.	.	.	.	.	7
4.0-4.9	.	.	.	1	1	.	.	.	.	.	4
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	12	9	4	7	0	0	0	0	0	0
TOTAL											0

MEAN HS(M) = 3.6 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 8.7 NO. OF CASES= 22.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) =202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	.	.	6	1	.	.	.	.	.	0
2.0-2.9	.	17	8	3	1	.	.	.	.	.	24
3.0-3.9	.	5	35	13	5	.	.	.	.	.	63
4.0-4.9	.	.	6	11	3	.	.	.	.	.	25
5.0-5.9	.	.	.	1	5	3	.	.	.	.	9
6.0-6.9	1	.	.	.	.	.	2
7.0-7.9	5	.	.	.	.	.	5
8.0-8.9	1	.	.	.	.	.	1
9.0-9.9	1	.	.	.	.	.	1
10.0+	0	22	49	23	16	4	0	0	0	0	0
TOTAL											0

MEAN HS(M) = 4.6 LARGEST HS(M)= 8.3 MEAN TP(SEC)= 9.1 NO. OF CASES= 72.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) =225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	5	1	.	.	5	.	.	.	.	.	12
3.0-3.9	8	22	29	10	10	3	.	.	.	.	62
4.0-4.9	.	15	22	11	10	10	8	.	.	.	73
5.0-5.9	.	.	7	6	3	17	6	.	.	.	49
6.0-6.9	.	.	22	11	3	11	1	.	.	.	53
7.0-7.9	.	.	.	1	.	.	.	.	.	.	2
8.0-8.9	.	.	.	.	3	.	.	.	.	.	3
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	13	94	146	37	39	41	21	0	0	0	0
TOTAL											0

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 9.3 NO. OF CASES= 237.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) =247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	3
2.0-2.9	10	32	10	2	.	6	.	.	.	.	64
3.0-3.9	17	66	72	28	10	29	.	.	.	.	174
4.0-4.9	.	18	17	17	14	17	1	.	.	.	86
5.0-5.9	.	.	42	23	8	18	20	.	.	.	111
6.0-6.9	.	.	37	33	.	44	58	3	.	.	173
7.0-7.9	.	.	3	.	.	.	11	.	.	.	22
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	30	179	184	188	333	444	96	3	0	0	0
TOTAL											0

MEAN HS(M) = 3.6 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 10.6 NO. OF CASES= 862.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3		10			8					21
1.0-1.9	29		106	123	75	34					483
2.0-2.9	61	25	207	327	263	172					1904
3.0-3.9		44	207	150	265	147					1505
4.0-4.9		102	201	150	265	147					1416
5.0-5.9		20	18								38
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	93	191	475	656	1331	2038	1487	112	0	0	3741

MEAN HS(M) = 3.4 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 11.8 NO. OF CASES= 3741.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	49	27	172	13							261
1.0-1.9	480	1076	5455	2701	1784	489					12054
2.0-2.9	503	2866	2289	4577	2874	4948					24144
3.0-3.9		1995	800	439	3126	7109					16983
4.0-4.9		109	821	49	189	1830					7049
5.0-5.9			85	18	1	118					1693
6.0-6.9				5		5					262
7.0-7.9											78
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1032	6073	9622	7802	12974	14599	9073	1350	5	0	36557

MEAN HS(M) = 2.8 LARGEST HS(M)= 8.1 MEAN TP(SEC)= 10.9 NO. OF CASES= 36557.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	13	29	66	6							114
1.0-1.9	2061	2236	2939	410	227	94					8026
2.0-2.9	1781	6060	2977	1524	1161	455					14016
3.0-3.9		1546	614	408	787	751					4203
4.0-4.9		82	294	49	44	369					939
5.0-5.9			56	15	5	47					169
6.0-6.9						6					6
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	3855	9953	6946	2412	2224	1716	361	1	5	0	16067

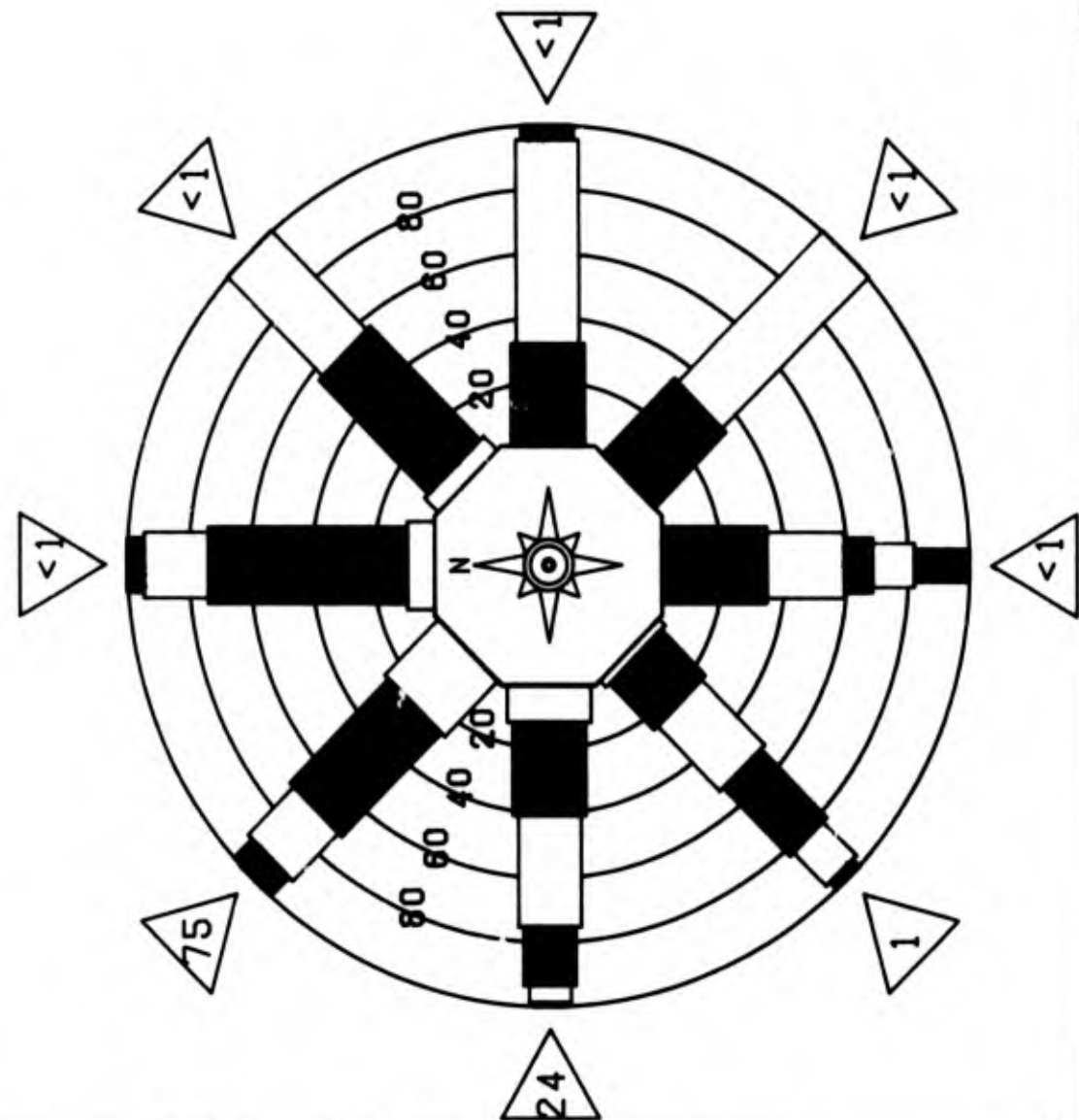
MEAN HS(M) = 2.4 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 8.1 NO. OF CASES= 16067.

STATION 11 34.82N 121.82W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	155	39	6	1	10	3					216
2.0-2.9	150	485	71	29	41	23					803
3.0-3.9		210	29	1	11	11					263
4.0-4.9		5	34	3							42
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	305	739	142	34	62	37	2	0	3	0	781

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 7.2 NO. OF CASES= 781.

HEIGHT (METRES)	STATION 11 34 82N 121 82W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
1.0-0.9	7	5	24	2							38
3.0-1.9	274	341	861	324	209	64	11	1			2083
5.0-3.9	254	957	989	659	990	583	131	1			4140
7.0-5.9		402	133	107	456	311	308	18			2428
9.0-7.9		25	130	14	42	25	126	62			997
11.0-9.9			21	8	2	1	18	13			244
13.0-11.9				1			1	8			33
15.0-13.9											0
17.0-15.9											0
19.0-17.9											0
21.0-19.9											0
23.0-21.9											0
25.0-23.9											0
TOTAL	535	1734	1757	1115	1699	1885	1102	144	1	0	58440
MEAN HS(M)=	2.8	LARGEST HS(M)=	8.3	MEAN TP(SEC)=	10.2	TOTAL CASES=					58440.



STATION 11
34.82N.121.82W
58440 CASES

OVER 5.9 M	0.0-0.9 M
5.0-5.9 M	1.0-1.9 M
4.0-4.9 M	2.0-2.9 M
3.0-3.9 M	3.0-3.9 M
2.0-2.9 M	4.0-4.9 M
1.0-1.9 M	5.0-5.9 M
0.0-0.9 M	OVER 5.9 M

MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 11 (34.82N 121.82W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1996	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1997	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1998	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1999	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2000	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2001	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2002	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2003	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2004	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2005	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2006	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2007	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2008	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2009	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2010	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2011	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2012	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2013	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2014	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2015	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2016	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2017	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2018	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2019	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2020	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2021	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2022	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2023	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2024	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2025	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 11 (34.82N 121.82W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1996	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1997	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1998	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
1999	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2000	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2001	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2002	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2003	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2004	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2005	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2006	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2007	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2008	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2009	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2010	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2011	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2012	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2013	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2014	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2015	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2016	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2017	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2018	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2019	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2020	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2021	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2022	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2023	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2024	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	
2025	3.4	3.5	3.2	3.0	2.6	2.5	2.2	2.0	1.9	2.4	3.0	3.5	

20 YR. STATISTICS FOR PACIFIC STATION 11 (34.82N 121.82W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

102
 292
 201
 11
 201
 59021609

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	26	0	12	3	6	0	0	1	0	0	31

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 7.5 NO. OF CASES= 31.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	15	0	3	1	1	0	0	0	0	0	14

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.5 NO. OF CASES= 14.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	7	0	2	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 6.1 NO. OF CASES= 7.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	5	1	0	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 6.0 NO. OF CASES= 4.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	5	5	.	.	.	.	.	.	.	.	10
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	13	5	0	0	0	0	0	0	0	0	11.

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 5.9 NO. OF CASES= 11.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	1	.	1	.	.	.	.	.	.	.	2
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	6	0	1	0	0	0	0	0	0	0	5.

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.4 NO. OF CASES= 5.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	1	1	.	.	.	.	.	.	.	.	2
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	1	1	0	0	0	0	0	0	0	0	2.

MEAN HS(M) = 3.3 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 5.9 NO. OF CASES= 2.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	5	1	.	.	1	.	.	.	.	.	6
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	10	1	0	0	1	0	0	0	0	0	8.

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.5 NO. OF CASES= 8.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	2
1.0-1.9	1	3	8	.	8	.	.	.	.	.	1
2.0-2.9	.	.	1	1	.	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	9	3	9	1	8	0	0	0	0	0	0
TOTAL	9	3	9	1	8	0	0	0	0	0	20

MEAN HS(M) = 2.8 LARGEST HS(M) = 6.0 MEAN TP(SEC) = 8.3 NO. OF CASES = 20.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	1
1.0-1.9	5	3	1	3	8	1	1	.	.	.	1
2.0-2.9	.	3	1	1	1	1	1	.	.	.	1
3.0-3.9	.	6	3	1	3	1	1	.	.	.	1
4.0-4.9	3	1	.	.	.	.	1
5.0-5.9	3	1	.	.	.	.	1
6.0-6.9	3	1	.	.	.	.	1
7.0-7.9	3	1	.	.	.	.	1
8.0-8.9	3	1	.	.	.	.	1
9.0-9.9	3	1	.	.	.	.	1
10.0+	5	44	63	17	22	8	4	0	0	0	103

MEAN HS(M) = 4.1 LARGEST HS(M) = 8.9 MEAN TP(SEC) = 9.0 NO. OF CASES = 103.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	18	17	3	.	1	.	.	.	.	.	1
2.0-2.9	6	3	2	1	1	2	1	.	.	.	1
3.0-3.9	.	17	4	1	1	2	1	.	.	.	1
4.0-4.9	.	17	2	1	1	2	1	.	.	.	1
5.0-5.9	.	.	2	1	1	2	1	.	.	.	1
6.0-6.9	.	.	2	1	1	2	1	.	.	.	1
7.0-7.9	.	.	2	1	1	2	1	.	.	.	1
8.0-8.9	.	.	2	1	1	2	1	.	.	.	1
9.0-9.9	.	.	2	1	1	2	1	.	.	.	1
10.0+	27	95	158	59	61	71	31	0	0	0	304

MEAN HS(M) = 3.6 LARGEST HS(M) = 6.9 MEAN TP(SEC) = 9.5 NO. OF CASES = 304.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	25	13	47	39	10	13	.	.	.	.	1
2.0-2.9	10	47	44	47	142	97	.	.	.	.	1
3.0-3.9	.	94	17	47	47	217	3	1	.	.	1
4.0-4.9	.	17	47	10	47	124	41	3	.	.	1
5.0-5.9	.	.	11	11	8	17	22	1	.	.	1
6.0-6.9	.	.	3	3	.	3	6	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	36	171	169	157	304	471	107	5	0	0	842

MEAN HS(M) = 3.3 LARGEST HS(M) = 7.1 MEAN TP(SEC) = 10.7 NO. OF CASES = 842.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	17		47		1	6					71
1.0-1.9	34	44	292	130	208	73	3				785
2.0-2.9	51	59	147	311	735	621	130	1			2063
3.0-3.9		77	29	92	340	989	395	18			1943
4.0-4.9		6	3	5	58	337	434	105	3		853
5.0-5.9					1	27	130	25			183
6.0-6.9						1	10	3			33
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	102	186	518	538	1343	2054	1102	85	6	0	3479

MEAN HS(M) = 3.0 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 11.6 NO. OF CASES= 3479.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	119	148	381	30	10	17					705
1.0-1.9	1009	3906	8939	4087	2491	624	107	27	11		21201
2.0-2.9	888	4719	3566	5316	8992	5870	1230	85	18		30684
3.0-3.9		1666	1201	602	2864	344	4677	201	17		17572
4.0-4.9		92	643	124	195	1613	3509	373	10		6559
5.0-5.9		1	51	46	5	106	910	564			1683
6.0-6.9				3		5	95	172			275
7.0-7.9							71	15			77
8.0-8.9											15
9.0-9.9											0
10.0+											0
TOTAL	2016	10532	14781	10203	14557	15579	9533	1508	56	0	46048

MEAN HS(M) = 2.6 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 10.5 NO. OF CASES= 46048.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	10	73	77								160
1.0-1.9	1418	1509	1324	244	99	77	27				4698
2.0-2.9	982	2024	1225	650	528	159	35				5603
3.0-3.9	3	359	414	174	367	277	27				1621
4.0-4.9		8	82	37	42	94	8				271
5.0-5.9		1	1		1	5	1				9
6.0-6.9				1							1
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2413	3974	3123	1106	1037	612	98	0	0	0	7234

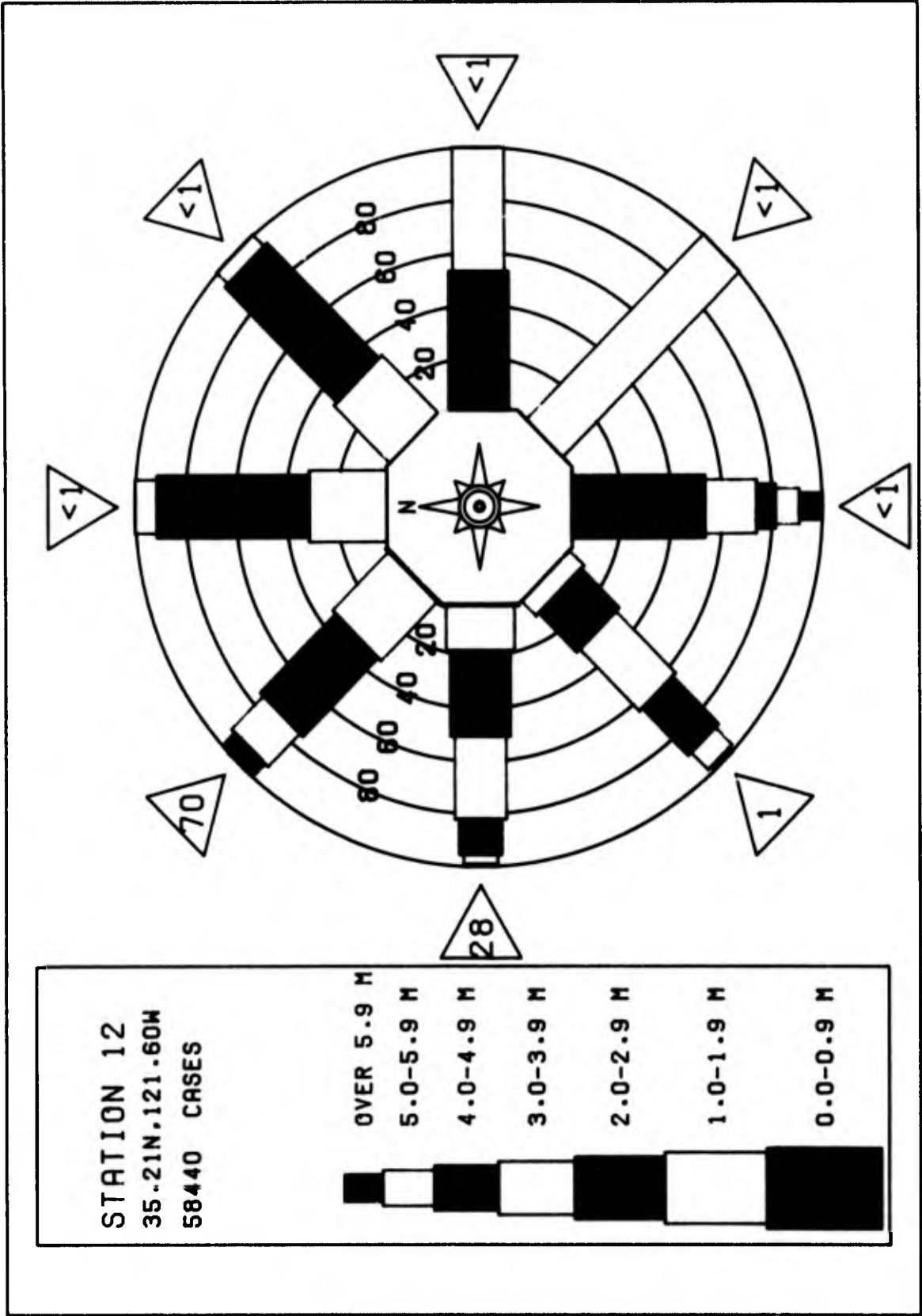
MEAN HS(M) = 2.2 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.0 NO. OF CASES= 7234.

STATION 12 35.21N 121.60W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9											0
1.0-1.9	152	6	27	5	1	11					202
2.0-2.9	135	58	54	34	25	8	5				319
3.0-3.9	3	11	5		10	1					31
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	290	75	86	39	36	20	6	0	0	0	328

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.1 NO. OF CASES= 328.

STATION 12 35.21N 121.60W FOR ALL DIRECTIONS											TOTAL
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	15	22	50	3	1	2					93
1.0-1.9	27	54	105	45	28	80	14	2	1		2706
2.0-2.9	214	209	171	63	104	67	21	2	3		3930
3.0-3.9	2	14	17	12	36	22	10	5	1		2188
4.0-4.9			9	7	3	16	11	19			814
5.0-5.9				1		1	1	7			201
6.0-6.9								1			32
7.0-7.9											7
8.0-8.9											1
9.0-9.9											0
10.0+											0
TOTAL	498	1508	1891	1211	1736	1680	1085	157	6	0	
MEAN HS(M)=	2.6	LARGEST HS(M)=		8.9	MEAN TP(SEC)=		10.2	TOTAL CASES=		58440.	



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 12 (35.21N 121.60W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MEAN	3.2	3.3	3.1	2.9	2.4	2.3	2.0	1.8	1.8	2.3	2.9	3.4	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 12 (35.21N 121.60W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

20 YR. STATISTICS FOR PACIFIC STATION 12 (35.21N 121.60W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 9.0
 MOST FREQUENT 22.5(CENTED) DIRECTION BAND (DEGREES)= 203
 STANDARD DEVIATION OF HS(METRES)= 0.5
 STANDARD DEVIATION OF TP(SECONDS)= 0.6
 LARGEST HS(METRES)= 11.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 161
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 59021612

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	13	.	1	.	.	.	.	.	.	0
1.0-1.9	29	6	6	.	11	1	1	.	1	1	
2.0-2.9	.	.	.	.	.	.	.	.	.	.
3.0-3.9	.	.	.	.	.	.	.	.	.	.
4.0-4.9	.	.	.	.	.	.	.	.	.	.
5.0-5.9	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.
TOTAL	42	6	7	0	21	1	2	0	1	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.9 NO. OF CASES= 51.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.
1.0-1.9	11	1	8	.	1	.	1	1	.	.	
2.0-2.9	.	.	.	.	.	.	.	.	.	.
3.0-3.9	.	.	.	.	.	.	.	.	.	.
4.0-4.9	.	.	.	.	.	.	.	.	.	.
5.0-5.9	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.
TOTAL	12	1	8	0	1	0	1	1	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 8.0 NO. OF CASES= 17.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	3	1	.	1	1	.	.	.	.	.
1.0-1.9	8	3	1	.	1	.	.	.	.	.
2.0-2.9	.	.	.	.	.	.	.	.	.	.
3.0-3.9	.	.	.	.	.	.	.	.	.	.
4.0-4.9	.	.	.	.	.	.	.	.	.	.
5.0-5.9	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.
TOTAL	11	4	1	1	2	0	0	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.0 NO. OF CASES= 14.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	
1.0-1.9	3	8	1	.	1	.	.	.	.	.
2.0-2.9	.	1	.	.	.	.	.	.	.	.
3.0-3.9	
4.0-4.9	
5.0-5.9	
6.0-6.9	
7.0-7.9	
8.0-8.9	
9.0-9.9	
10.0+	
TOTAL	3	9	1	0	1	0	0	0	0	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.9 NO. OF CASES= 10.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	1	.	.	.	.	.	.	.	0
2.0-2.9	.	5	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	19	1	0	0	0	1	1	0	0	15

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 7.9 NO. OF CASES= 15.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	9	0	0	0	0	0	0	0	0	6

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.8 NO. OF CASES= 6.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	11	0	0	0	0	0	0	0	0	7

MEAN HS(M) = 3.5 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 6.8 NO. OF CASES= 7.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	1	.	.	1	.	.	.	.	.	1
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	1	29	0	0	11	0	0	0	0	0	26

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.8 NO. OF CASES= 26.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	6	11	4	5	0	0	0	0	0	13

MEAN HS(M) = 3.8 LARGEST HS(M)= 7.3 MEAN TP(SEC)= 8.9 NO. OF CASES= 17.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	1	44	101	19	18	8	1	0	0	0	119

MEAN HS(M) = 4.4 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 8.9 NO. OF CASES= 119.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	39	99	206	66	100	78	9	0	0	0	358

MEAN HS(M) = 3.9 LARGEST HS(M)= 7.2 MEAN TP(SEC)= 9.3 NO. OF CASES= 358.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	33	162	228	269	426	599	165	5	1	0	1115

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.9 MEAN TP(SEC)= 10.9 NO. OF CASES= 1115.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	5	3	20	171	97	43	.	.	.	.	26
1.0-1.9	71	33	321	429	97	49	.	.	.	.	704
2.0-2.9	.	33	260	142	930	590	169	.	.	.	256
3.0-3.9	.	18	233	17	607	1394	446	22	11	.	229
4.0-4.9	.	.	8	1	138	653	845	11	.	.	170
5.0-5.9	.	.	.	.	8	73	54	100	.	.	233
6.0-6.9	.	.	.	.	.	6	54	223	.	.	223
7.0-7.9	.	.	.	.	.	.	3	5	.	.	8
8.0-8.9	.	.	.	.	.	.	.	.	.	.	2
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	103	223	730	760	1780	2766	1797	212	11	0	913

MEAN HS(M) = 3.3 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 11.8 NO. OF CASES= 4913.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	66	35	171	20	11	11	.	.	.	.	303
1.0-1.9	684	152	574	2910	1724	424	64	10	.	.	3219
2.0-2.9	781	363	2754	4760	1830	476	323	54	.	.	1546
3.0-3.9	.	198	982	585	326	681	302	184	13	.	1681
4.0-4.9	.	126	788	30	228	1911	357	314	8	.	681
5.0-5.9	.	.	92	3	8	112	102	515	.	.	178
6.0-6.9	.	.	.	.	.	5	131	186	.	.	325
7.0-7.9	.	.	.	.	.	.	22	61	.	.	83
8.0-8.9	.	.	.	.	.	.	.	23	.	.	23
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1531	7338	10461	8374	13052	14108	8606	1347	35	0	37916

MEAN HS(M) = 2.8 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 10.7 NO. OF CASES= 37916.

STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	190	41	61	3	70	4	.	.	.	.	113
1.0-1.9	1952	1627	224	267	171	31	46	.	.	.	643
2.0-2.9	.	132	222	106	614	210	46	3	3	.	1125
3.0-3.9	.	71	211	54	325	230	66	.	.	.	557
4.0-4.9	.	.	11	17	5	22	39	.	.	.	68
5.0-5.9	.	.	.	.	.	42	.	.	.	.	115
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3866	8431	5248	1740	1689	1189	262	3	3	0	13118

MEAN HS(M) = 2.4 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.9 NO. OF CASES= 13118.

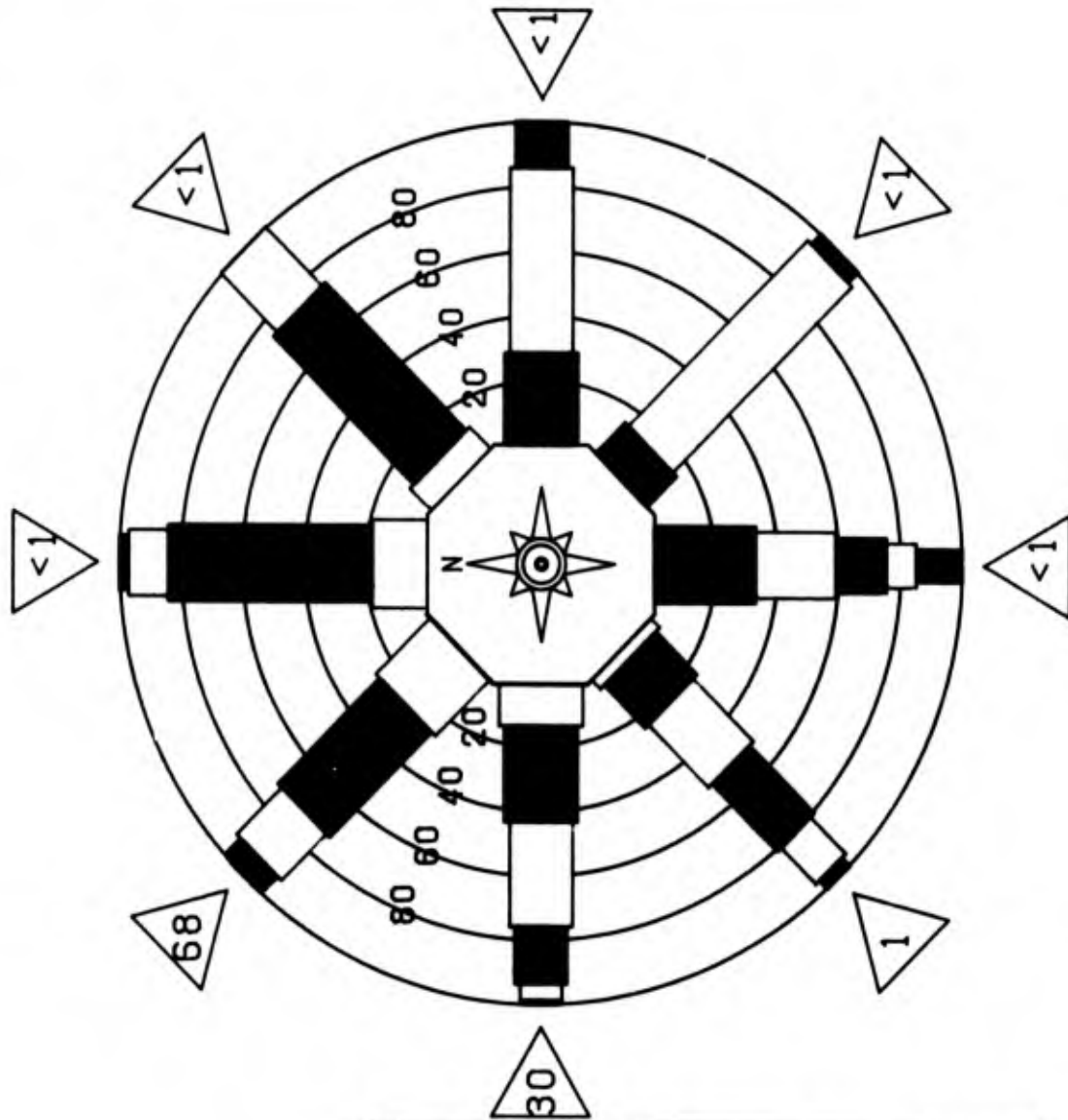
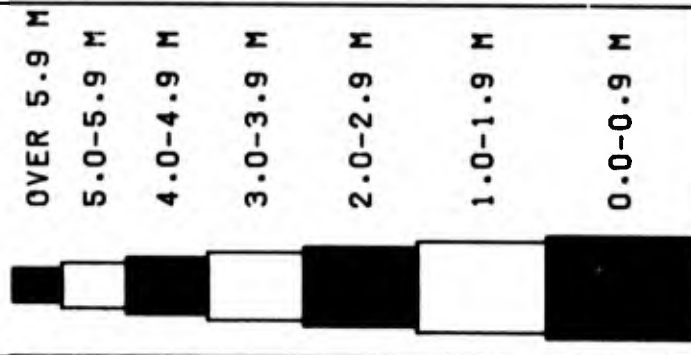
STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	213	26	10	6	8	1	.	.	.	.	0
1.0-1.9	220	402	23	32	35	20	1	.	3	.	267
2.0-2.9	.	118	10	1	10	22	1	.	.	.	170
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	433	555	116	45	53	43	2	0	3	0	738

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 7.0 NO. OF CASES= 738.

HEIGHT(METRES)	STATION 13 35.41N 122.16W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	8	7	25	2		1					43
1.0-1.9	289	347	815	332	200	677	10				2051
2.0-2.9	311	377	444	642	577	591	140				2411
3.0-3.9	.	374	424	119	479	305	433	22			1800
4.0-4.9	.	28	124	10	55	30	141	55			1000
5.0-5.9	.	.	20	2	4	29	20	21			600
6.0-6.9	.	.	.	.	.	3	2	1			200
7.0-7.9	.	.	.	.	.	.	.	.			100
8.0-8.9	.	.	.	.	.	.	.	.			50
9.0-9.9	.	.	.	.	.	.	.	.			20
10.0+	.	.	.	.	.	.	.	.			10
TOTAL	608	1693	1710	1127	1715	1877	1082	154	4	0	58440
MEAN HS(M)=	2.8	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	10.1	TOTAL CASES=	58440.				

STATION 13
 35.41N.122.16W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
HIS STATION 13 (35.41N 122.16W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1990	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1991	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1992	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1993	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1994	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1995	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1996	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1997	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1998	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
1999	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2000	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2001	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2002	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2003	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2004	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2005	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2006	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2007	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2008	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2009	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2010	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2011	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2012	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2013	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2014	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2015	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2016	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2017	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2018	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2019	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8
2020	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	2.8

LARGEST HS(METRES) BY MONTH AND YEAR
HIS STATION 13 (35.41N 122.16W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1990	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1991	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1992	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1993	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1994	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1995	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1996	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1997	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1998	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
1999	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2000	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2001	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2002	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2003	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2004	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2005	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2006	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2007	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2008	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2009	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2010	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2011	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2012	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2013	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2014	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2015	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2016	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2017	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2018	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2019	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6
2020	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6

20 YR. STATISTICS FOR PACIFIC STATION 13 (35.41N 122.16W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 2% (CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.1
 2.1
 64011903

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	2	:	1	:	1	:	:	:	:	:	17
1.0-1.9	:	:	:	:	:	:	:	:	:	:	:
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	37	0	1	0	3	0	0	1	0	0	42

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.3 NO. OF CASES= 27.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	:	1	:	:	:	:	:	:	:	5
1.0-1.9	:	:	:	:	:	:	:	:	:	:	:
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	6	0	1	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.9 NO. OF CASES= 5.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	:	:	:	1	1	:	:	:	:	8
1.0-1.9	:	:	:	:	:	:	:	:	:	:	:
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	11	0	0	1	1	0	0	0	0	0	13

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 6.3 NO. OF CASES= 9.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	:	1	:	:	:	:	:	:	:	5
1.0-1.9	:	:	:	:	:	:	:	:	:	:	:
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	3	0	1	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 6.6 NO. OF CASES= 3.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	6	0	0	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 5.6 NO. OF CASES= 4.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	6	0	0	0	0	0	0	0	0	10

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 5.9 NO. OF CASES= 10.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 5.2 NO. OF CASES= 2.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	5	.	1	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	6	0	1	0	0	0	0	0	0	8

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.4 NO. OF CASES= 8.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	3	3	11	.	10	.	.	.	.	.	1
2.0-2.9	0
3.0-3.9	.	.	1	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	1	.	.	.	.	.	.	1
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	11	4	12	1	10	0	0	0	0	0	25.

MEAN HS(M) = 2.9 LARGEST HS(M) = 6.6 MEAN TP(SEC) = 8.3 NO. OF CASES = 25.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	5	3	.	.	15	1	.	.	.	.	2
3.0-3.9	.	10	18	3	1	.	.	.	.	.	3
4.0-4.9	.	20	44	10	1	.	.	.	.	.	4
5.0-5.9	.	.	10	1	3	.	.	.	.	.	4
6.0-6.9	.	.	1	.	1	3	.	.	.	.	5
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	33	79	20	27	13	0	0	0	0	112.

MEAN HS(M) = 4.2 LARGEST HS(M) = 9.9 MEAN TP(SEC) = 9.1 NO. OF CASES = 112.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	17	1	10	.	.	1	.	.	.	.	2
2.0-2.9	20	4	20	2	2	2	.	.	.	.	2
3.0-3.9	.	28	20	5	5	2	.	.	.	.	3
4.0-4.9	.	22	20	5	2	4	1	.	.	.	3
5.0-5.9	.	.	20	10	2	11	1	.	.	.	4
6.0-6.9	.	.	.	.	.	.	10	.	.	.	1
7.0-7.9	.	.	.	.	.	.	1	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	93	190	87	95	109	35	0	0	0	386.

MEAN HS(M) = 3.8 LARGEST HS(M) = 7.3 MEAN TP(SEC) = 9.7 NO. OF CASES = 386.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	5	27	4	8	27	.	.	.	.	1
2.0-2.9	6	30	30	2	17	27	.	.	.	.	2
3.0-3.9	.	27	30	2	60	27	15	1	.	.	2
4.0-4.9	.	27	26	18	54	17	26	1	.	.	3
5.0-5.9	.	.	8	10	5	18	26	1	.	.	3
6.0-6.9	.	.	1	1	.	3	10	1	.	.	3
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	159	171	167	328	579	161	6	0	0	938.

MEAN HS(M) = 3.4 LARGEST HS(M) = 6.9 MEAN TP(SEC) = 11.0 NO. OF CASES = 938.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											58
1.0-1.9	11	3	39	5							58
2.0-2.9	39	41	354	22	22						58
3.0-3.9	59	78	162	29	22	126					58
4.0-4.9		54	155	66	48	203					58
5.0-5.9		10	26	3	80	33	15				58
6.0-6.9						41	15				58
7.0-7.9						6	20				58
8.0-8.9							10				58
9.0-9.9							3				58
10.0+							10				58
TOTAL	79	186	607	598	1608	2493	1429	103	0	0	4162

MEAN HS(M) = 3.1 LARGEST HS(M)= 7.6 MEAN TP(SEC)= 11.7 NO. OF CASES= 4162.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											1090
1.0-1.9	212	268	585	8							1090
2.0-2.9	847	4635	10126	4691	6	11					1090
3.0-3.9	807	3305	3678	5325	2667	684					1090
4.0-4.9	10	1066	1168	593	9336	75	107				1090
5.0-5.9		130	432	128	2982	710	1401	20			1090
6.0-6.9		5	58	33	236	164	3624	87			1090
7.0-7.9				1	8	97	696	244			1090
8.0-8.9						5	17	195	10		1090
9.0-9.9								65			1090
10.0+											1090
TOTAL	1876	9409	16047	10799	15236	16753	9834	1581	11	0	47671

MEAN HS(M) = 2.6 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 10.6 NO. OF CASES= 47671.

STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											124
1.0-1.9	3	85	30								124
2.0-2.9	978	1177	872	191	6						124
3.0-3.9	699	1028	1333	472	420	20					124
4.0-4.9	6	54	328	85	210	154	11	3			124
5.0-5.9			5	8	15	13	3				124
6.0-6.9											124
7.0-7.9											124
8.0-8.9											124
9.0-9.9											124
10.0+											124
TOTAL	1686	2344	2467	756	714	260	71	4	0	0	4862

MEAN HS(M) = 2.1 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 8.0 NO. OF CASES= 4862.

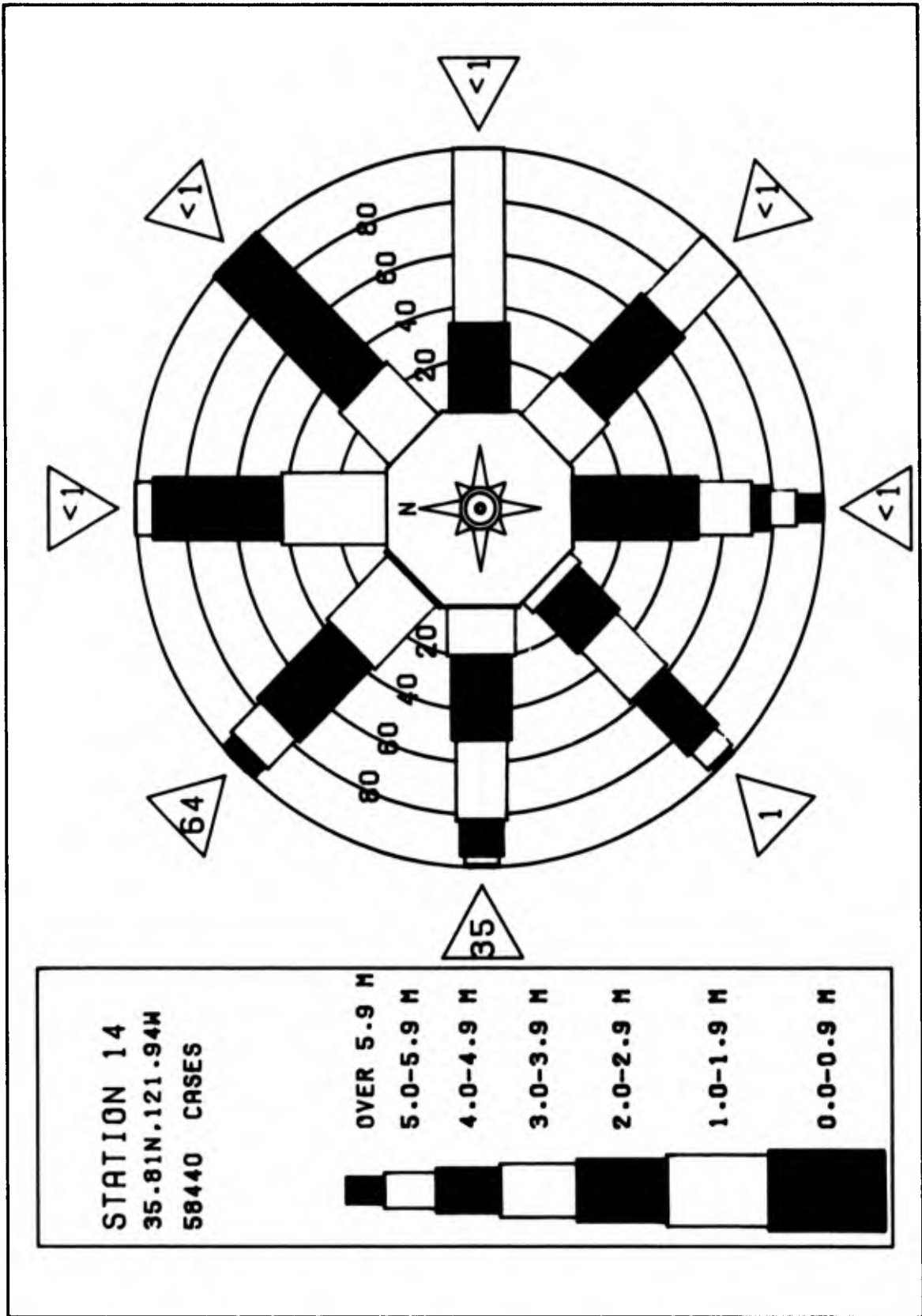
STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	94	32	22	3		5					156
2.0-2.9	95	13	27	18	20	6					178
3.0-3.9	3	6	1	3	8						178
4.0-4.9											178
5.0-5.9											178
6.0-6.9											178
7.0-7.9											178
8.0-8.9											178
9.0-9.9											178
10.0+											178
TOTAL	192	51	50	24	28	11	1	2	0	0	216

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.1 NO. OF CASES= 216.

STATION 14 35.81N 121.94W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	22	35	65	1	1	1	1	1	1	1	125
1.0-1.9	200	589	1141	515	297	86	12	2	1	1	2842
2.0-2.9	172	451	519	810	1887	744	160	2	1	1	2461
3.0-3.9	3	133	161	18	374	641	421	24	1	1	1200
4.0-4.9	..	20	66	18	43	228	433	20	1	1	848
5.0-5.9	..	..	10	8	1	17	110	20	1	1	208
6.0-6.9	..	..	..	1	..	1	13	4	..	..	50
7.0-7.9	..	..	..	..	..	..	2	1	..	..	1
8.0-8.9	..	..	..	..	..	..	..	..	..	..	0
9.0-9.9	..	..	..	..	..	..	..	..	..	..	0
10.0+	..	..	..	..	..	..	..	..	..	..	0
TOTAL	397	1228	1961	1243	1803	2019	1151	167	1	0	58440

MEAN HS(M)= 2.6 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 10.4 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 14 (35.81N 121.94W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	3.3	3.4	3.1	2.8	2.4	2.2	1.9	1.7	1.8	2.3	3.0	3.4		

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 14 (35.81N 121.94W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 14 (35.81N 121.94W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

11.0
 29.0
 11.0
 201.0
 59021609

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	2
1.0-1.9	18	.	.	3	1	1	.	1	.	.	22
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0-10.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	21	0	0	3	1	1	0	2	0	0	19.

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 7.6 NO. OF CASES= 19.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	3	.	.	.	.	.	.	.	4
1.0-1.9	5	.	.	.	3	.	.	.	.	.	11
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0-10.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	0	3	0	3	0	0	0	0	0	8.

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.6 NO. OF CASES= 8.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	8	3	.	.	1	.	.	1	.	.	14
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0-10.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	3	0	0	2	0	0	1	0	0	12.

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.5 NO. OF CASES= 12.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	1	.	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	3	0	0	0	1	0	0	0	0	0	3.

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 7.4 NO. OF CASES= 3.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	8	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	8	1	1	0	0	0	0	0	0	0	0
TOTAL	8	1	1	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 6.3 NO. OF CASES= 7.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	1	.	.	.	.	.	.	.	0
2.0-2.9	.	15	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	4	16	1	0	0	0	0	0	0	0	0
TOTAL	4	16	1	0	0	0	0	0	0	0	0

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 6.6 NO. OF CASES= 14.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	8	.	.	.	.	1	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	8	0	0	0	0	1	0	0	0	0
TOTAL	0	8	0	0	0	0	1	0	0	0	0

MEAN HS(M) = 3.4 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 8.0 NO. OF CASES= 6.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	8	1	.	1	.	.	.	.	.	0
2.0-2.9	.	13	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	22	1	0	1	0	0	0	0	0	0
TOTAL	1	22	1	0	1	0	0	0	0	0	0

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 7.0 NO. OF CASES= 17.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	2	10	.	3	.	.	.	.	.	17
2.0-2.9	.	20	1	.	.	.	.	.	.	.	21
3.0-3.9	.	1	.	1	.	.	.	.	.	.	2
4.0-4.9	1	.	.	.	.	.	1
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	1	27	14	4	4	0	0	0	0	0	33.

MEAN HS(M) = 3.6 LARGEST HS(M) = 7.7 MEAN TP(SEC) = 8.0 NO. OF CASES = 33.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	3	1	1	1	1	.	.	.	.	.	7
2.0-2.9	.	10	1	1	1	.	.	.	.	.	14
3.0-3.9	.	.	3	1	1	.	.	.	.	.	6
4.0-4.9	.	.	1	1	1	.	.	.	.	.	4
5.0-5.9	.	.	.	1	1	.	.	.	.	.	2
6.0-6.9	1	.	.	.	.	.	1
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
TOTAL	3	28	10	24	23	12	0	0	0	0	120.

MEAN HS(M) = 4.6 LARGEST HS(M) = 8.6 MEAN TP(SEC) = 9.1 NO. OF CASES = 120.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	15	2	3	1	1	.	.	.	.	.	22
2.0-2.9	.	20	2	1	1	.	.	.	.	.	24
3.0-3.9	.	10	1	1	1	.	.	.	.	.	14
4.0-4.9	.	.	1	1	1	.	.	.	.	.	4
5.0-5.9	.	.	1	1	1	.	.	.	.	.	4
6.0-6.9	.	.	1	1	1	.	.	.	.	.	4
7.0-7.9	.	.	1	1	1	.	.	.	.	.	4
8.0-8.9	.	.	1	1	1	.	.	.	.	.	4
9.0-9.9	.	.	1	1	1	.	.	.	.	.	4
10.0-10.9	.	.	1	1	1	.	.	.	.	.	4
TOTAL	23	92	24	144	146	95	29	0	0	0	461.

MEAN HS(M) = 4.1 LARGEST HS(M) = 7.7 MEAN TP(SEC) = 9.7 NO. OF CASES = 461.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	3	1	2	1	.	2	.	.	.	.	7
2.0-2.9	.	1	2	1	.	2	.	.	.	.	7
3.0-3.9	.	1	2	1	.	2	.	.	.	.	7
4.0-4.9	.	1	2	1	.	2	.	.	.	.	7
5.0-5.9	.	1	2	1	.	2	.	.	.	.	7
6.0-6.9	.	1	2	1	.	2	.	.	.	.	7
7.0-7.9	.	1	2	1	.	2	.	.	.	.	7
8.0-8.9	.	1	2	1	.	2	.	.	.	.	7
9.0-9.9	.	1	2	1	.	2	.	.	.	.	7
10.0-10.9	.	1	2	1	.	2	.	.	.	.	7
TOTAL	8	140	33	308	501	716	196	18	0	0	1310.

MEAN HS(M) = 3.9 LARGEST HS(M) = 8.3 MEAN TP(SEC) = 11.0 NO. OF CASES = 1310.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	10		18	1							29
1.0-1.9	25		326	229							580
2.0-2.9	39		265	188							692
3.0-3.9		71	70	124	100	85					990
4.0-4.9		23	35	17	1014	684	176				2000
5.0-5.9			6	8	136	1430	467	18			2550
6.0-6.9						734	886	11			2733
7.0-7.9						1023	366	92			3081
8.0-8.9							73	23			3339
9.0-9.9							5	6			3600
10.0+											3900
TOTAL	74	271	720	768	1974	3038	1997	168	0	0	5280

MEAN HS(M) = 3.3 LARGEST HS(M) = 8.4 MEAN TP(SEC) = 11.8 NO. OF CASES = 5280.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	107	104	359	8							579
1.0-1.9	487	1925	6485	3542	2005	545					15081
2.0-2.9	422	1542	2754	4508	7764	5822	87				24077
3.0-3.9	1	1324	900	497	3314	6805	1057				16147
4.0-4.9		97	583	59	265	2061	3453	220			6868
5.0-5.9			56	35	11	135	1081	494	8		1812
6.0-6.9				1	3	8	112	342			339
7.0-7.9							32	215			90
8.0-8.9								25			25
9.0-9.9								1			1
10.0+											0
TOTAL	1017	5992	11137	8650	13382	15037	8908	1418	8	0	38323

MEAN HS(M) = 2.8 LARGEST HS(M) = 9.0 MEAN TP(SEC) = 10.9 NO. OF CASES = 38323.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9			71			1					150
1.0-1.9	14	46	2298	314	148	41	23				6308
2.0-2.9	1452	2118	2229	1146	771	200	47				9908
3.0-3.9		1009	821	277	681	491	73				3358
4.0-4.9		95	224	60	77	251	42				789
5.0-5.9		1	18	23	10	34	34	13			123
6.0-6.9				1							3
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2938	7391	5662	1841	1679	1018	219	19	1	0	12149

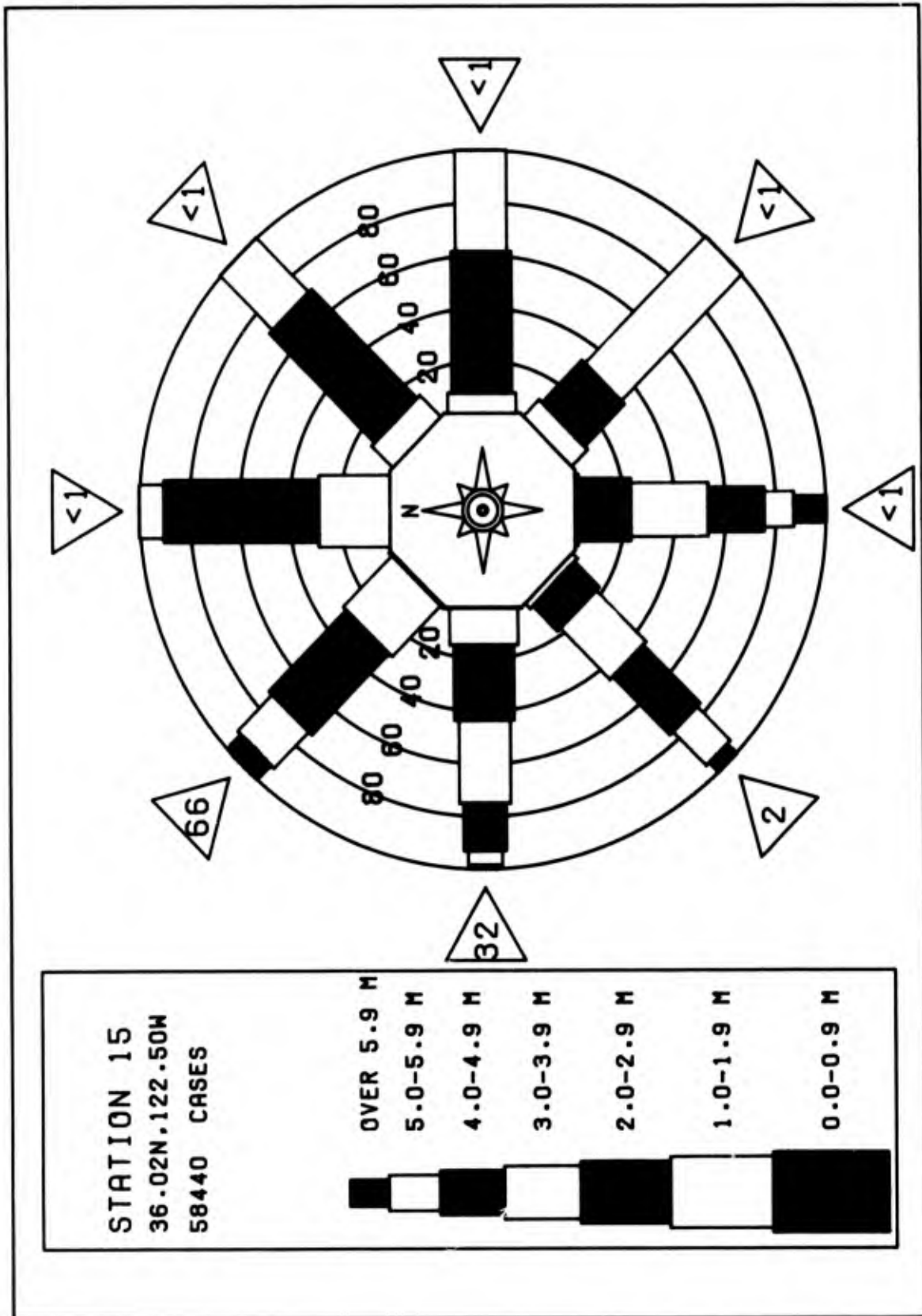
MEAN HS(M) = 2.4 LARGEST HS(M) = 6.5 MEAN TP(SEC) = 8.1 NO. OF CASES = 12149.

STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	215	92	15	1	3	3					329
2.0-2.9	212	350	42	17	25	10					629
3.0-3.9	3	75	47	1	10	3					129
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	430	520	112	29	38	16	1	1	1	0	678

MEAN HS(M) = 2.3 LARGEST HS(M) = 4.4 MEAN TP(SEC) = 6.8 NO. OF CASES = 678.

STATION 15 36.02N 122.50W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	15	45	1							76
1.0-1.9	221	422	915	410	225	69	11				2273
2.0-2.9	219	720	543	104	573	300	36				3335
3.0-3.9		269	196	24	502	899	44				1057
4.0-4.9		25	118	16	63	341	12				222
5.0-5.9			18	3	10	39	2				105
6.0-6.9					1	1					2
7.0-7.9											1
8.0-8.9											0
9.0-9.9											0
TOTAL	455	1451	1832	1177	1774	1991	1132	161	0	0	58440
MEAN HS(M)=	2.8	LARGEST HS(M)=		9.0	MEAN TP(SEC)=		10.3	TOTAL CASES=			58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 15 (36.02N 122.50W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1957	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1958	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1959	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1960	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1961	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1962	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1963	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1964	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1965	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1966	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1967	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1968	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1969	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1970	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1971	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1972	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1973	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1974	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8
1975	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	2.8

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 15 (36.02N 122.50W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1957	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1958	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1959	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1960	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1961	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1962	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1963	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1964	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1965	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1966	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1967	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1968	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1969	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1970	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1971	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1972	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1973	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1974	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8
1975	5.0	5.3	5.5	5.8	6.0	6.2	6.5	6.8	7.0	7.2	7.5	7.8

20 YR. STATISTICS FOR PACIFIC STATION 15 (36.02N 122.50W)
 MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)
 64011903

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	37	1	.	5	3	.	.	.	.	4
2.0-2.9	.	3	.	.	1	.	.	.	.	.	25
3.0-3.9	.	3	.	.	.	.	.	.	.	.	2
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	53	2	0	6	3	0	3	0	0	51

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.5 NO. OF CASES= 51.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	1	1	.	.	.	.	1
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	0	0	0	1	1	0	0	0	0	4

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 8.5 NO. OF CASES= 4.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	1	.	.	1	.	.	.	.	.	1
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	1	0	0	1	0	0	0	0	0	7

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 6.7 NO. OF CASES= 7.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	3	3	.	.	.	1	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	3	1	0	0	1	0	0	0	0	6

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.7 NO. OF CASES= 6.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	3	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	10	3	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 5.8 NO. OF CASES= 8.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	1	.	1	.	.	.	.	.	1
2.0-2.9	.	3	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	15	1	0	1	0	0	0	0	0	0

MEAN HS(M) = 3.4 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.7 NO. OF CASES= 12.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	1	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	1	6	2	0	0	0	0	0	0	0	0

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.4 NO. OF CASES= 7.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	1	.	.	.	.	.	.	0
2.0-2.9	.	13	.	.	.	.	.	.	.	.	0
3.0-3.9	.	8	6	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	1	27	6	1	0	0	0	0	0	0	0

MEAN HS(M) = 3.5 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 7.4 NO. OF CASES= 23.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	.	10	.	1	.	.	.	.	.	10
2.0-2.9	.	22	10	.	.	3	1	.	.	.	37
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	1	1	.	.	.	.	.	.	3
5.0-5.9	0
6.0-6.9	3	.	.	.	.	.	3
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	25	22	2	4	3	1	0	0	0	37

MEAN HS(M) = 4.0 LARGEST HS(M)= 8.3 MEAN TP(SEC)= 8.7 NO. OF CASES= 37.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	6	18	15	5	.	.	.	.	.	.	44
3.0-3.9	.	15	22	3	.	.	.	.	.	.	44
4.0-4.9	.	17	44	17	15	10	.	.	.	.	106
5.0-5.9	.	.	5	46	8	10	.	.	.	.	116
6.0-6.9	.	.	1	10	8	6	.	.	.	.	25
7.0-7.9	.	.	.	1	5	3	.	.	.	.	19
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	60	148	82	49	44	0	0	0	0	235

MEAN HS(M) = 4.6 LARGEST HS(M)= 8.4 MEAN TP(SEC)= 9.4 NO. OF CASES= 235.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	6	42	41	34	54	3	.	.	.	.	183
3.0-3.9	.	63	70	53	47	71	8	.	.	.	318
4.0-4.9	.	13	116	44	47	90	15	.	1	.	335
5.0-5.9	.	.	46	56	39	29	18	.	.	.	180
6.0-6.9	.	.	1	10	5	1	6	1	.	.	23
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	124	280	197	195	205	55	4	1	0	636

MEAN HS(M) = 4.1 LARGEST HS(M)= 7.9 MEAN TP(SEC)= 10.2 NO. OF CASES= 636.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	10	17	17	.	10	.	.	.	.	57
2.0-2.9	10	34	66	78	119	44	17	1	1	.	370
3.0-3.9	.	29	37	41	162	289	30	.	.	.	589
4.0-4.9	.	13	85	42	75	215	116	.	.	.	546
5.0-5.9	.	.	15	20	23	63	61	.	.	.	182
6.0-6.9	.	.	1	3	.	13	17	3	.	.	37
7.0-7.9	.	.	.	.	.	.	1	8	.	.	9
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	106	211	201	379	634	232	18	2	0	1061

MEAN HS(M) = 3.8 LARGEST HS(M)= 8.3 MEAN TP(SEC)= 11.3 NO. OF CASES= 1061.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	29	212	154	109	59	.	.	.	.	0
1.0-1.9	27	54	126	270	781	737	.	.	.	.	572
2.0-2.9	.	35	39	75	458	1797	1485	.	.	.	2140
3.0-3.9	.	13	39	3	94	574	553	.	.	.	2400
4.0-4.9	.	.	.	.	5	59	229	133	.	.	1506
5.0-5.9	.	.	.	.	.	5	44	65	.	.	361
6.0-6.9	.	.	.	.	.	.	6	17	.	.	66
7.0-7.9	.	.	.	.	.	.	.	.	.	.	12
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	131	416	508	1447	2631	1772	123	0	0	4139.

MEAN HS(M) = 3.3 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 12.1 NO. OF CASES= 4139.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	6	82	3	3	.	.	.	.	.	106
1.0-1.9	138	403	2508	1907	1088	388	51	.	.	.	6400
2.0-2.9	181	924	1127	3244	6889	4649	302	7	.	.	24003
3.0-3.9	.	1050	366	272	3384	6949	302	10	1	.	25579
4.0-4.9	.	51	426	35	208	2210	342	33	6	.	19861
5.0-5.9	.	.	58	41	17	143	124	18	.	.	1986
6.0-6.9	.	.	.	6	.	3	37	6	.	.	90
7.0-7.9	.	.	.	.	.	.	.	.	.	.	18
8.0-8.9	.	.	.	.	.	.	.	.	.	.	6
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	334	2434	4567	5508	11577	14332	8819	1393	7	0	28633.

MEAN HS(M) = 3.1 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 11.6 NO. OF CASES= 28633.

STATION 16 36.22N 123.06W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	47	18	51	5	5	.	.	.	.	.	113
1.0-1.9	122	279	3930	655	322	62	30	.	.	.	1813
2.0-2.9	1242	7890	4700	2352	1658	670	100	3	.	.	15000
3.0-3.9	.	25	1844	614	1197	994	120	.	.	.	1976
4.0-4.9	.	78	937	176	102	494	179	.	.	.	373
5.0-5.9	.	.	112	68	10	69	15	.	.	.	300
6.0-6.9	.	.	.	3	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2510	13333	10674	3914	3288	2293	560	56	3	0	21421.

MEAN HS(M) = 2.6 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.5 NO. OF CASES= 21421.

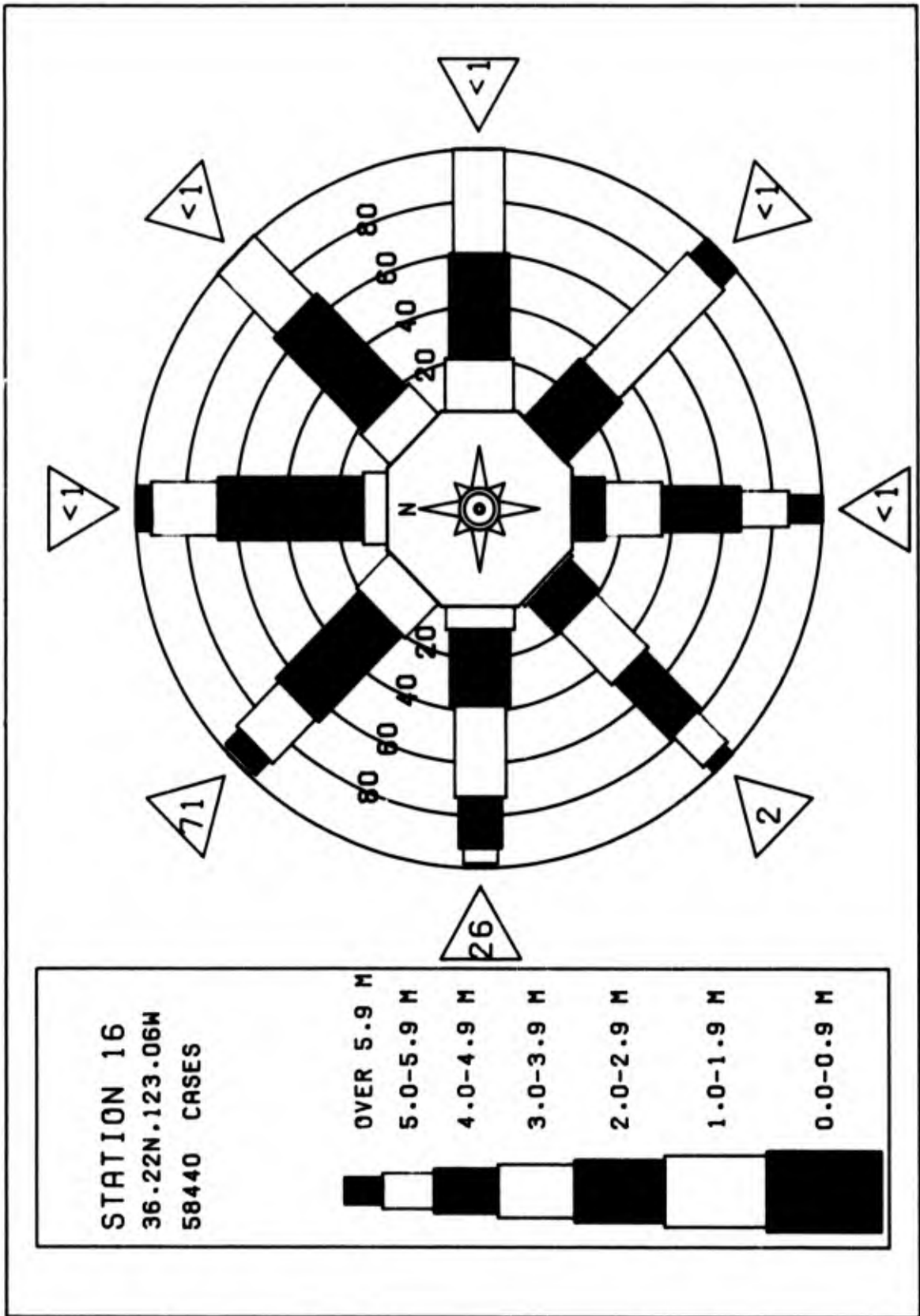
STATION 16 36.22N 123.06W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	167	6	39	.	13	.	.	.	.	.	6
1.0-1.9	189	207	231	.	34	.	.	.	.	.	426
2.0-2.9	.	1498	266	22	6	.	3	.	5	.	1990
3.0-3.9	.	600	201	22	.	15	.	1	.	.	996
4.0-4.9	.	3	18	3	.	.	.	.	.	.	212
5.0-5.9	.	.	.	3	.	.	.	.	.	.	200
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	356	2314	855	71	53	21	3	4	5	0	2160.

MEAN HS(M) = 2.8 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 7.4 NO. OF CASES= 2160.

STATION 16 36.22N 123.06W FOR ALL DIRECTIONS										TOTAL
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER
0.0-0.9	6	2	13	1	1	1	1	1	1	1
1.0-1.9	155	34	58	27	15	5	1	1	1	1
2.0-2.9	169	105	63	105	95	110	12	1	1	1
3.0-3.9	..	44	27	108	52	95	37	1	1	1
4.0-4.9	..	21	18	33	53	36	45	1	1	1
5.0-5.9	..	..	7	24	10	3	16	1	1	1
6.0-6.9	..	..	30	3	1	2	20	1	1	1
7.0-7.9	..	..	..	..	..	..	5	1	1	1
8.0-8.9	..	..	..	..	..	..	2	1	1	1
9.0-9.9	..	..	..	..	..	..	..	1	1	1
10.0+	..	..	..	..	..	..	..	1	1	1
TOTAL	330	1863	1716	1046	1698	2016	1142	157	1	0

MEAN HS(M)= 2.9 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 10.3 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 16 (36.22N 123.06W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1957	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1958	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1959	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1960	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1961	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1962	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1963	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1964	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1965	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1966	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1967	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1968	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1969	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1970	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1971	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1972	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1973	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1974	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
1975	2.0	3.5	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
MEAN	3.5	3.6	3.3	3.2	2.7	2.6	2.4	2.2	2.1	2.6	3.2	3.7		

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 16 (36.22N 123.06W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1957	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1958	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1959	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1960	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1961	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1962	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1963	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1964	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1965	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1966	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1967	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1968	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1969	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1970	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1971	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1972	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1973	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1974	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1975	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

20 YR. STATISTICS FOR PACIFIC STATION 16 (36.22N 123.06W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.9
MEAN PEAK WAVE PERIOD (SECONDS)=	10.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	200
STANDARD DEVIATION OF HS(METRES)=	0.9
STANDARD DEVIATION OF TP(SECONDS)=	1.5
LARGEST HS(METRES)=	5.5
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	10.2
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	200
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	64011903

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	.	.	.	1	.	.	.	.	.	0
1.0-1.9	22	3	.	.	.	.	.	.	.	.	25
2.0-2.9	.	.	.	.	1	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	3	0	0	2	0	0	0	0	0	26

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 5.8 NO. OF CASES= 26.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	3	.	.	.	.	.	.	.	.	.	3
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	0	0	0	0	0	0	0	0	0	4

MEAN HS(M) = 1.9 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 5.0 NO. OF CASES= 4.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	1	.	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 5.2 NO. OF CASES= 2.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	5	.	.	.	1	.	.	.	.	.	6
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	5	0	0	0	1	0	0	0	0	0	4

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 6.8 NO. OF CASES= 4.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 5.2 NO. OF CASES= 1.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	1	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	1	0	0	0	0	0	0	0	0
TOTAL	1	0	1	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 7.3 NO. OF CASES= 2.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	4	0	0	0	0	0	0	0	0	0	0
TOTAL	4	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 1.9 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 5.0 NO. OF CASES= 3.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	1	.	.	.	.	.	.	.	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	1	1	0	0	0	0	0	0	0	0
TOTAL	1	1	1	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.2 NO. OF CASES= 3.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	15	.	.	.	.	.	.	.	15
2.0-2.9	3	3	10	.	1	.	.	.	.	.	17
3.0-3.9	.	.	.	.	3	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	17	28	1	10	0	0	0	0	0	39

MEAN HS(M) = 3.5 LARGEST HS(M)= 7.1 MEAN TP(SEC)= 8.4 NO. OF CASES= 39.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	13	2	2	2	1	1	.	.	.	.	19
3.0-3.9	.	17	20	10	20	17	.	.	.	.	77
4.0-4.9	.	6	11	20	11	5	.	.	.	.	55
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	28	46	42	52	20	0	0	0	0	126

MEAN HS(M) = 4.5 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 9.5 NO. OF CASES= 126.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	2	6	.	1	.	.	.	.	.	11
2.0-2.9	3	22	37	2	15	.	.	.	.	.	59
3.0-3.9	.	8	50	25	27	17	.	.	.	.	127
4.0-4.9	.	8	44	25	15	20	1	.	.	.	106
5.0-5.9	.	.	.	1	5	6	.	.	.	.	12
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	90	226	234	223	98	35	0	0	0	543

MEAN HS(M) = 4.3 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 10.0 NO. OF CASES= 543.

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	23	30	13	.	10	.	.	.	.	59
2.0-2.9	1	39	80	119	70	10	.	.	.	.	219
3.0-3.9	.	33	104	87	136	147	18	3	.	.	485
4.0-4.9	.	15	124	66	12	147	18	1	.	.	343
5.0-5.9	.	.	71	97	65	138	107	1	.	.	484
6.0-6.9	.	.	8	11	1	1	41	1	.	.	63
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	140	417	373	496	713	278	13	0	0	1438

MEAN HS(M) = 4.1 LARGEST HS(M)= 9.0 MEAN TP(SEC)= 11.0 NO. OF CASES= 1438.

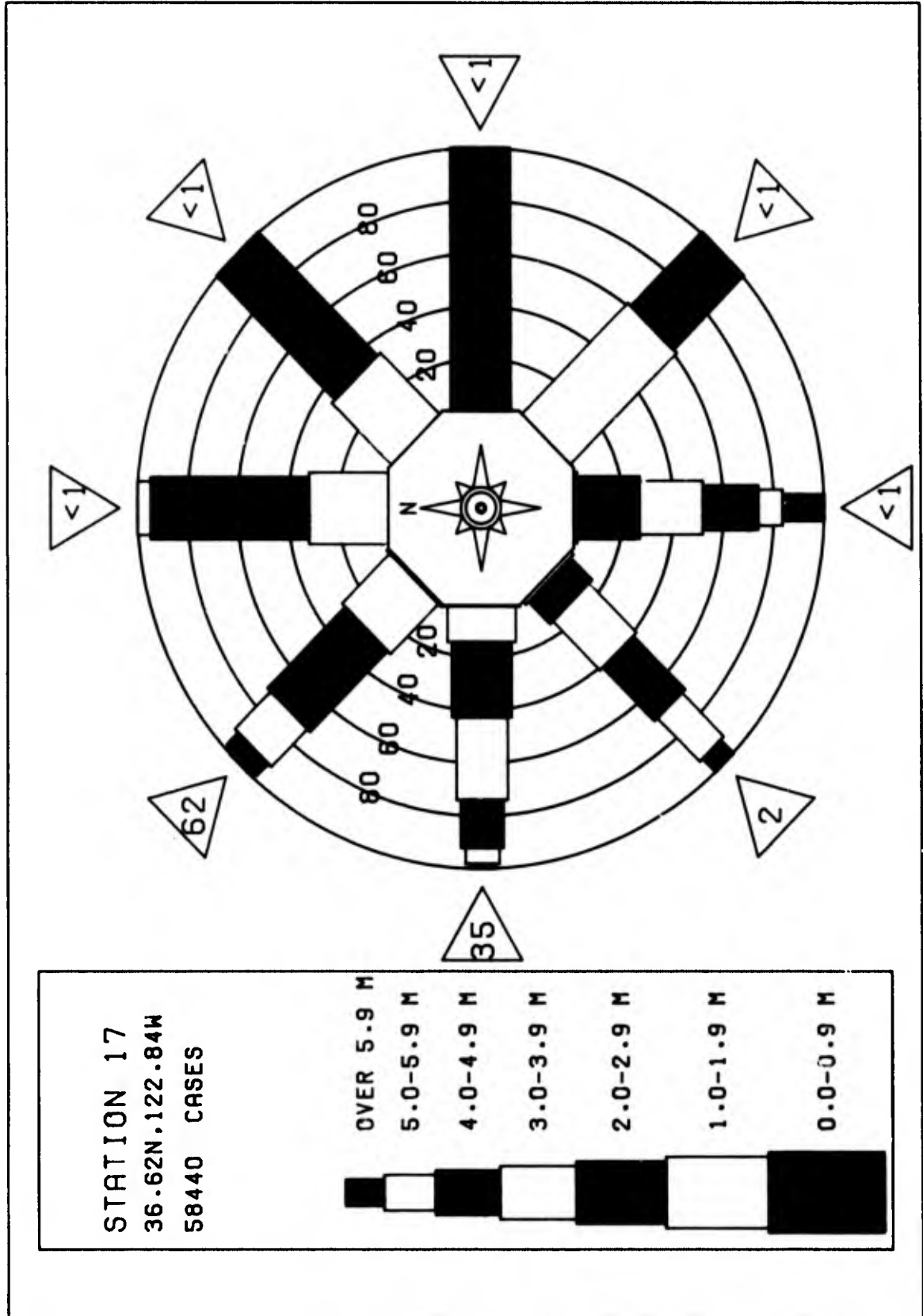
STATION 17 36.62N 122.84W		AZIMUTH(DEGREES) = 270.0										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION		PEAK PERIOD(SECONDS)										TOTAL
HEIGHT(METRES)		4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9		11		18	5							34
1.0-1.9		29	61	313	222	100	78					798
2.0-2.9			99	256	402	605	920	6				2795
3.0-3.9			63	80	162	912	1673	167	17			4544
4.0-4.9			13	47	15	188	870	639	25			2117
5.0-5.9				10	5	10	145	475	78			223
6.0-6.9							3	1	10			164
7.0-7.9								3				4
8.0-8.9												0
9.0-9.9												0
10.0+												0
TOTAL		58	236	724	816	2118	3687	2380	201	0	0	5986
MEAN HS(M) =	3.4	LARGEST HS(M)=		8.3	MEAN TP(SEC)=		12.0	NO. OF CASES=		5986.		

STATION 17 36.62N 122.84W		AZIMUTH(DEGREES) = 292.5										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION		PEAK PERIOD(SECONDS)										TOTAL
HEIGHT(METRES)		4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9		131	169	352	6		5					663
1.0-1.9		366	1902	6314	3586	1974	621					14865
2.0-2.9		316	1894	2614	4476	7924	5561	1155	27			24000
3.0-3.9			1081	722	480	3259	7017	3158	49	11		15985
4.0-4.9			80	47	58	254	2381	3410	268			7061
5.0-5.9			1	58	47	27	165	1213	400	6		2002
6.0-6.9								131	491			413
7.0-7.9								37	273			78
8.0-8.9									41			30
9.0-9.9									8			0
10.0+												0
TOTAL		813	5127	10532	8661	13439	15750	9179	1567	17	0	38063
MEAN HS(M) =	2.8	LARGEST HS(M)=		9.2	MEAN TP(SEC)=		11.0	NO. OF CASES=		38063.		

STATION 17 36.62N 122.84W		AZIMUTH(DEGREES) = 315.0										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION		PEAK PERIOD(SECONDS)										TOTAL
HEIGHT(METRES)		4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9		32	46	47			6					131
1.0-1.9		1161	1808	2023	314	135	20					5481
2.0-2.9		1257	3769	2303	1269	749	148	10	11			9531
3.0-3.9		1	1016	944	292	670	422	80	6			3431
4.0-4.9			63	261	119	68	236	54	13			814
5.0-5.9			5		18	13	11	29	1			77
6.0-6.9												0
7.0-7.9												0
8.0-8.9												0
9.0-9.9												0
10.0+												0
TOTAL		2451	6707	5577	2012	1635	843	205	32	3	0	11390
MEAN HS(M) =	2.4	LARGEST HS(M)=		5.7	MEAN TP(SEC)=		8.2	NO. OF CASES=		11390.		

STATION 17 36.62N 122.84W		AZIMUTH(DEGREES) = 337.5										
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION		PEAK PERIOD(SECONDS)										TOTAL
HEIGHT(METRES)		4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9		262	58	11								330
1.0-1.9		275	479	21	10	2						838
2.0-2.9		1	88	77	3	15	6		1			190
3.0-3.9			5	5	1							11
4.0-4.9												0
5.0-5.9												0
6.0-6.9												0
7.0-7.9												0
8.0-8.9												0
9.0-9.9												0
10.0+												0
TOTAL		542	630	144	14	40	6	0	1	0	0	810
MEAN HS(M) =	2.4	LARGEST HS(M)=		4.5	MEAN TP(SEC)=		6.6	NO. OF CASES=		810.		

STATION 17 36.62N 122.84W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	17	21	41	1		1					81
1.0-1.9	184	306	470	413	221	73	6				2159
2.0-2.9	193	632	536	630	969	664	137				3769
3.0-3.9		239	200	109	517	933	390				2417
4.0-4.9		19	102	33	19	386	451				1105
5.0-5.9			19	24	3	49	183				351
6.0-6.9			1	4	1	2	28				76
7.0-7.9							8				16
8.0-8.9											4
9.0-9.9											0
10.0+											0
TOTAL	394	1297	1769	1214	1801	2111	1206	181	1	0	58440
MEAN HS(M)=	2.8	LARGEST HS(M)=		9.2	MEAN TP(SEC)=		10.5	TOTAL CASES=			58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 17 (36.62N 122.84W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	3.6	3.7	3.4	3.1	2.5	2.4	2.1	1.9	1.9	2.5	3.2	3.7	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 17 (36.62N 122.84W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1957	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1958	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1959	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1960	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1961	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1962	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1963	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1964	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1965	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1966	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1967	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1968	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1969	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1970	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1971	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1972	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1973	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1974	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

20 YR. STATISTICS FOR PACIFIC STATION 17 (36.62N 122.84W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.8
MEAN PEAK WAVE PERIOD (SECONDS)=	10.0
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	0.7
STANDARD DEVIATION OF TP(SECONDS)=	0.6
LARGEST HS(METRES)=	9.0
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	16.0
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	294.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	64011903

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	13	3	0	0	1	0	0	0	0	10

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.9 NO. OF CASES= 115.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	1	0	0	0	3	0	0	0	0	7

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 7.8 NO. OF CASES= 7.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	0	1	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 6.4 NO. OF CASES= 4.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 5.8 NO. OF CASES= 2.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	5	1	.	.	.	.	.	.	.	.	1
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	5	1	1	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.2	LARGEST HS(M) =	2.6	MEAN TP(SEC) =	6.3	NO. OF CASES =						5.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	1	.	.	.	.	.	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	6	1	0	0	1	0	0	0	0	0	0
MEAN HS(M) = 2.2	LARGEST HS(M) =	3.3	MEAN TP(SEC) =	6.5	NO. OF CASES =						6.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	3	.	.	1	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	8	0	0	1	0	0	0	0	0	0
MEAN HS(M) = 2.9	LARGEST HS(M) =	3.3	MEAN TP(SEC) =	7.8	NO. OF CASES =						6.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	1	.	.	.	.	.	.	.	0
2.0-2.9	.	17	.	.	.	.	1	.	.	.	18
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	18	1	0	0	0	1	0	0	0	0
MEAN HS(M) = 3.2	LARGEST HS(M) =	3.8	MEAN TP(SEC) =	7.5	NO. OF CASES =						13.

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 180.0											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	5	8	.	3	.	.	.	.	.	16
3.0-3.9	.	13	29	.	.	.	.	.	.	.	42
4.0-4.9	.	.	3	1	3	.	.	.	.	.	7
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	1	3	.	.	.	.	.	4
7.0-7.9	.	.	.	1	3	1	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	40	41	2	9	1	0	0	0	0	94
MEAN HS(M) = 4.2	LARGEST HS(M) = 8.2	MEAN TP(SEC) = 8.4	NO. OF CASES = 59.								

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 202.5											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	5	30	25	5	6	.	.	.	.	.	71
2.0-2.9	.	47	44	.	6	.	.	.	.	.	97
3.0-3.9	.	11	46	20	11	16	.	.	.	.	107
4.0-4.9	.	.	58	37	20	33	3	.	.	.	154
5.0-5.9	.	.	.	.	3	1	.	.	.	.	4
6.0-6.9	.	.	.	.	15	13	.	.	.	.	28
7.0-7.9	.	.	.	.	.	1	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	6	88	173	136	63	43	4	0	0	0	413
MEAN HS(M) = 4.6	LARGEST HS(M) = 8.2	MEAN TP(SEC) = 9.4	NO. OF CASES = 309.								

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 225.0											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	8	5	.	.	.	.	.	.	.	13
1.0-1.9	11	25	30	34	35	5	.	.	.	.	141
2.0-2.9	.	70	80	88	37	58	1	.	.	3	230
3.0-3.9	.	42	123	39	37	106	3	.	.	.	277
4.0-4.9	.	.	124	71	44	22	3	.	.	.	277
5.0-5.9	.	.	.	20	5	3	15	1	.	.	44
6.0-6.9	.	.	.	1	5	8	3	.	.	.	13
7.0-7.9	.	.	.	.	.	5	3	1	.	.	9
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	11	145	362	223	200	207	82	3	3	0	1136
MEAN HS(M) = 4.3	LARGEST HS(M) = 8.5	MEAN TP(SEC) = 10.1	NO. OF CASES = 734.								

STATION 18 36.82N 123.41W AZIMUTH(DEGREES) = 247.5											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	5	5	25	10	.	.	.	.	.	.	50
1.0-1.9	11	32	77	88	121	37	11	.	.	.	396
2.0-2.9	.	78	30	30	150	265	34	1	.	.	600
3.0-3.9	.	11	68	39	83	217	143	.	.	.	601
4.0-4.9	.	.	44	25	39	85	90	1	.	.	284
5.0-5.9	.	.	1	10	.	6	37	.	.	.	54
6.0-6.9	.	.	.	.	.	1	5	6	.	.	12
7.0-7.9	.	.	.	.	.	.	.	10	.	.	10
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	16	126	245	202	403	611	320	21	0	0	1149
MEAN HS(M) = 3.9	LARGEST HS(M) = 8.8	MEAN TP(SEC) = 11.3	NO. OF CASES = 1149.								

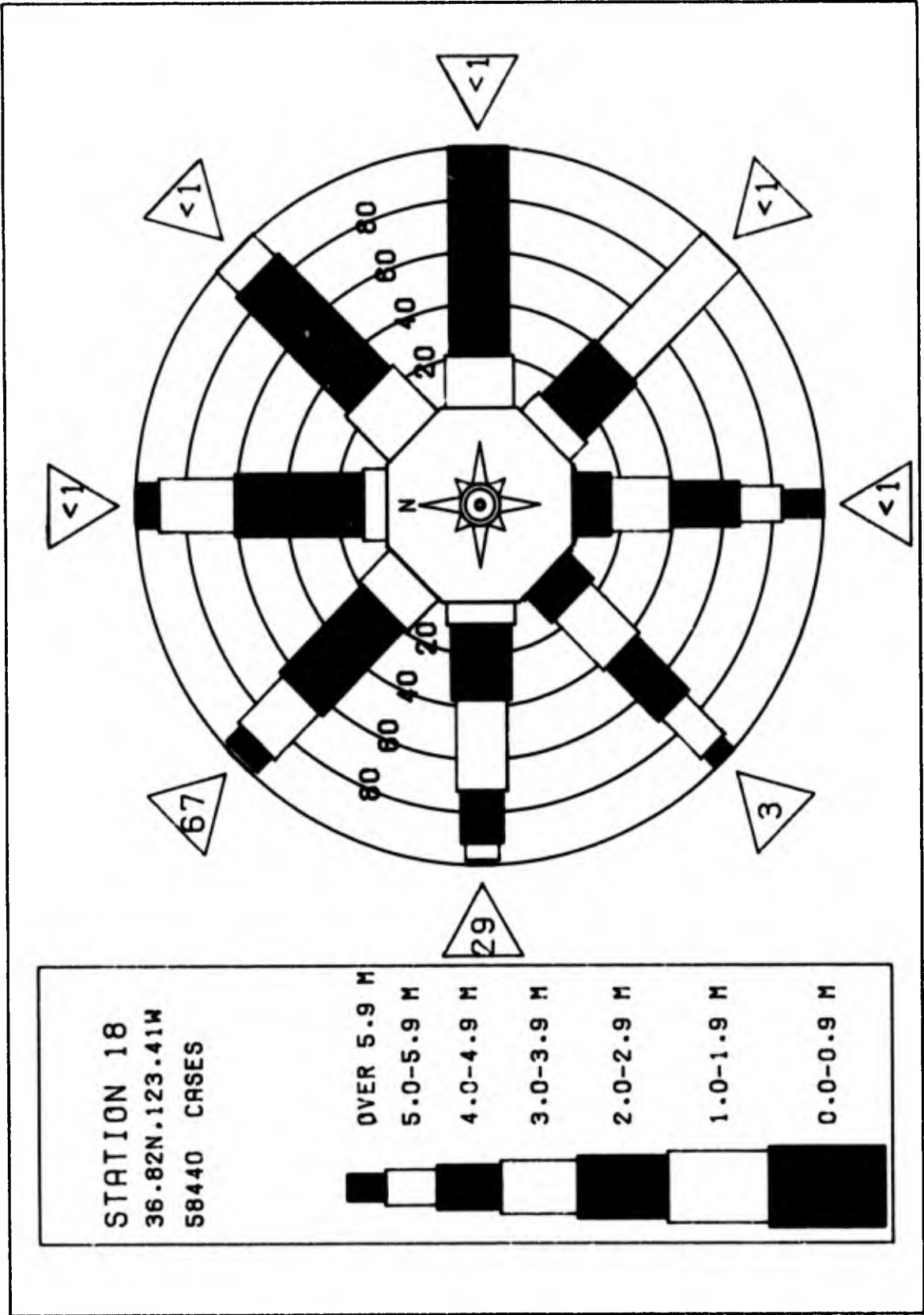
STATION 18 36.82N 123.41W		AZIMUTH(DEGREES) = 270.0									
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
10-11.0											
9-10.0											
8-9.0											
7-8.0											
6-7.0											
5-6.0											
4-5.0											
3-4.0											
2-3.0											
1-2.0											
TOTAL	26	114	451	505	1601	3074	2113	161	0	0	4715
MEAN HS(M) =	3.4	LARGEST HS(M)=		7.9	MEAN TP(SEC)=		12.2	NO. OF CASES=		4715	

STATION 18 36.82N 123.41W		AZIMUTH(DEGREES) = 292.5									
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
10-11.0											
9-10.0											
8-9.0											
7-8.0											
6-7.0											
5-6.0											
4-5.0											
3-4.0											
2-3.0											
1-2.0											
TOTAL	296	1847	4126	5539	11442	14882	8934	1556	4	0	28433
MEAN HS(M) =	3.1	LARGEST HS(M)=		9.5	MEAN TP(SEC)=		11.7	NO. OF CASES=		28433	

STATION 18 36.82N 123.41W		AZIMUTH(DEGREES) = 315.0									
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
10-11.0											
9-10.0											
8-9.0											
7-8.0											
6-7.0											
5-6.0											
4-5.0											
3-4.0											
2-3.0											
1-2.0											
TOTAL	2582	12436	9617	3685	3216	2246	606	72	11	0	20159
MEAN HS(M) =	2.6	LARGEST HS(M)=		6.4	MEAN TP(SEC)=		8.5	NO. OF CASES=		20159	

STATION 18 36.82N 123.41W		AZIMUTH(DEGREES) = 337.5									
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
10-11.0											
9-10.0											
8-9.0											
7-8.0											
6-7.0											
5-6.0											
4-5.0											
3-4.0											
2-3.0											
1-2.0											
TOTAL	391	3098	975	84	62	31	1	1	5	0	2724
MEAN HS(M) =	2.9	LARGEST HS(M)=		6.3	MEAN TP(SEC)=		7.3	NO. OF CASES=		2724	

HEIGHT(METRES)	STATION 18 36.82N 123.41W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	5	3	11	2	1	1	1	1	1	1	19
1.0-1.9	144	286	523	605	148	50	6	1	1	1	1426
2.0-2.9	188	987	592	606	940	620	121	1	1	1	4060
3.0-3.9	..	503	238	104	539	986	395	1	1	1	2794
4.0-4.9	..	30	188	27	57	404	469	1	1	1	1219
5.0-5.9	..	..	48	27	12	43	178	1	1	1	367
6.0-6.9	..	..	..	8	1	2	28	1	1	1	69
7.0-7.9	..	..	..	..	..	..	5	..	..	..	13
8.0-8.9	..	..	..	..	..	..	..	..	..	..	3
9.0-9.9	..	..	..	..	..	..	..	..	..	..	0
10.0+	..	..	..	..	..	..	..	..	..	..	0
TOTAL	337	1809	1600	1037	1698	2107	1204	177	1	0	58440
MEAN HS(M)=	3.0	LARGEST HS(M)= 9.5			MEAN TP(SEC)= 10.4			TOTAL CASES=			58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 18 (36.82N 123.41W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
1996	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
1997	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
1998	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
1999	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2000	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2001	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2002	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2003	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2004	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2005	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2006	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2007	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2008	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2009	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2010	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2011	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2012	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2013	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2014	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2015	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2016	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2017	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2018	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2019	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	
2020	3.5	3.5	3.5	3.4	3.2	2.7	2.5	2.2	2.1	2.6	3.3	3.8	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 18 (36.82N 123.41W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1995	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
1996	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
1997	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
1998	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
1999	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2000	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2001	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2002	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2003	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2004	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2005	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2006	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2007	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2008	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2009	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2010	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2011	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2012	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2013	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2014	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2015	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2016	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2017	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2018	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2019	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5
2020	7.0	6.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	2.5	3.0	3.5

20 YR. STATISTICS FOR PACIFIC STATION 18 (36.82N 123.41W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
MEAN PEAK WAVE PERIOD (SECONDS)=
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
STANDARD DEVIATION OF HS(METRES)=
STANDARD DEVIATION OF TP(SECONDS)=
LARGEST HS(METRES)=
TP (SECONDS) ASSOC. WITH THE LARGEST HS=
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

29.0
16.0
29.0
64011900

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	22	.	.	.	.	.	.	.	.	.	0
1.0-1.9	65	44	1	.	3	.	.	.	.	.	113
2.0-2.9	1	30	.	.	11	.	.	.	.	.	42
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	88	74	1	0	14	0	0	0	0	0	106.

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.4 NO. OF CASES= 106.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	16
2.0-2.9	15	.	.	.	.	.	.	.	.	.	16
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16	1	0	0	0	0	0	0	0	0	11.

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 5.6 NO. OF CASES= 11.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 5.5 NO. OF CASES= 1.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	6	.	.	.	.	.	.	.	.	.	6
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	0	0	0	0	0	0	0	0	0	6.

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 5.3 NO. OF CASES= 6.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 2.4 LARGEST HS(M) = 2.4 MEAN TP(SEC) = 5.5 NO. OF CASES = 1.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	6	.	.	.	.	.	.	.	.	.	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
TOTAL	6	0	0	0	0	0	0	0	0	0	4.

MEAN HS(M) = 2.3 LARGEST HS(M) = 2.0 MEAN TP(SEC) = 5.4 NO. OF CASES = 4.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
TOTAL	6	0	0	0	0	0	0	0	0	0	6.

MEAN HS(M) = 1.9 LARGEST HS(M) = 2.0 MEAN TP(SEC) = 5.2 NO. OF CASES = 6.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 2.0 LARGEST HS(M) = 2.0 MEAN TP(SEC) = 5.2 NO. OF CASES = 1.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0											
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
TOTAL	8	20	17	2	3	0	0	0	0	0	35
MEAN HS(M) = 3.6	LARGEST HS(M)=		7.3	MEAN TP(SEC)=		7.7	NO. OF CASES=				35.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0											
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
TOTAL	9	43	78	62	66	23	1	0	0	0	174.
MEAN HS(M) = 4.6	LARGEST HS(M)=		7.9	MEAN TP(SEC)=		9.5	NO. OF CASES=				174.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0											
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
TOTAL	8	101	242	262	309	202	53	1	0	0	700.
MEAN HS(M) = 4.5	LARGEST HS(M)=		9.3	MEAN TP(SEC)=		10.3	NO. OF CASES=				700.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0											
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
TOTAL	7	166	463	322	612	767	418	10	0	0	1630.
MEAN HS(M) = 4.1	LARGEST HS(M)=		9.5	MEAN TP(SEC)=		11.1	NO. OF CASES=				1630.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	11	3	22	8	13	7	1	.	.	.	44
1.0-1.9	25	54	31	20	36	22	16	.	.	.	780
2.0-2.9	.	50	25	18	25	22	18	.	.	.	242
3.0-3.9	.	8	9	18	10	10	11	.	.	.	247
4.0-4.9	.	.	10	25	11	10	11	.	.	.	210
5.0-5.9	.	.	.	3	1	3	4	.	.	.	21
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	47	182	759	884	2361	4461	3048	299	0	0	7052.

MEAN HS(M) = 3.5 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 12.2 NO. OF CASES= 7052.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	83	213	268	337	170	10	.	.	.	.	574
1.0-1.9	285	1527	5503	3722	1702	515	41	35	.	.	1320
2.0-2.9	299	1474	2344	2262	1055	284	918	49	15	.	209
3.0-3.9	.	98	220	383	203	73	301	253	3	.	1545
4.0-4.9	.	82	49	51	22	25	12	44	.	.	744
5.0-5.9	.	.	49	6	1	1	29	10	.	.	41
6.0-6.9	.	.	.	.	.	.	.	.	.	.	215
7.0-7.9	.	.	.	.	.	.	.	.	.	.	288
8.0-8.9	.	.	.	.	.	.	.	.	.	.	200
9.0-9.9	.	.	.	.	.	.	.	.	.	.	10
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	667	4296	9113	8366	12880	15966	9066	1717	18	0	36299.

MEAN HS(M) = 2.9 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 11.2 NO. OF CASES= 36299.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	18	42	32	1	95	18	5	10	.	.	93
1.0-1.9	1100	1502	1302	301	1589	773	148	1	.	.	4333
2.0-2.9	1533	1312	2340	1589	773	148	37	11	1	.	10234
3.0-3.9	.	118	499	314	669	496	116	5	.	.	3684
4.0-4.9	.	13	13	20	13	248	25	5	.	.	843
5.0-5.9	.	.	.	.	.	6	1	.	.	.	82
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2651	6853	4647	2291	1608	916	271	32	1	0	11274.

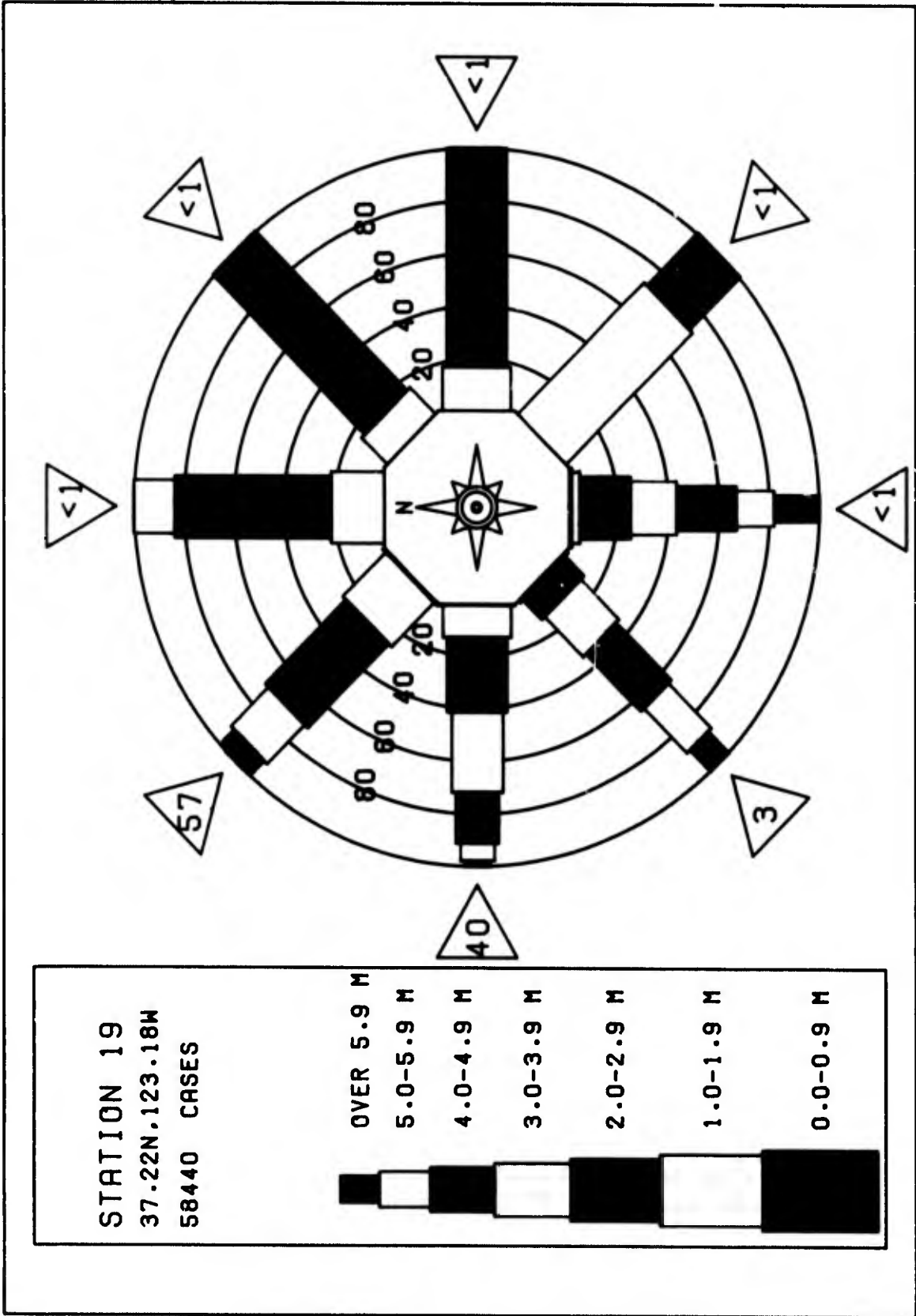
MEAN HS(M) = 2.5 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.2 NO. OF CASES= 11274.

STATION 19 37.22N 123.18W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	290	11	8	.	18	3	.	.	.	.	330
1.0-1.9	420	681	59	29	13	.	.	.	3	.	1205
2.0-2.9	.	289	22	8	13	25	.	.	.	.	378
3.0-3.9	.	13	13	.	.	.	.	.	.	.	26
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	710	994	122	37	44	28	0	1	3	0	1140.

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.6 NO. OF CASES= 1140.

HEIGHT (METRES)	STATION 19 37.22N 123.18W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	11	26	32	1	2	1	5	4	..	..	71
1	173	310	715	387	188	640	114	31	..	..	186
2	240	215	519	666	498	1017	100	44	..	..	222
3	..	26	153	105	48	437	25	63	..	..	222
4	..	..	102	31	22	64	50	44	..	..	222
5	..	..	21	24	18	22	36	64	..	..	222
6	..	..	..	8	1	1	0	4	..	..	222
7	..	..	..	..	..	..	1	1	..	..	222
8	..	..	..	..	..	..	..	..	..	..	222
9	..	..	..	..	..	..	..	..	..	..	222
10	..	..	..	..	..	..	..	..	..	..	222
10.0+	..	..	..	..	..	..	..	..	..	..	222
TOTAL	424	1272	1543	1222	1788	2235	1283	204	2	0	5844
MEAN HS(M)=	2.9	LARGEST HS(M)=		9.5	MEAN TP(SEC)=		10.6	TOTAL CASES=		58440.	



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 19 (37.22N 123.18W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1957	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1958	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1959	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1960	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1961	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1962	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1963	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1964	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1965	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1966	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1967	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1968	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1969	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1970	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1971	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1972	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1973	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1974	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1
1975	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.1

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 19 (37.22N 123.18W)

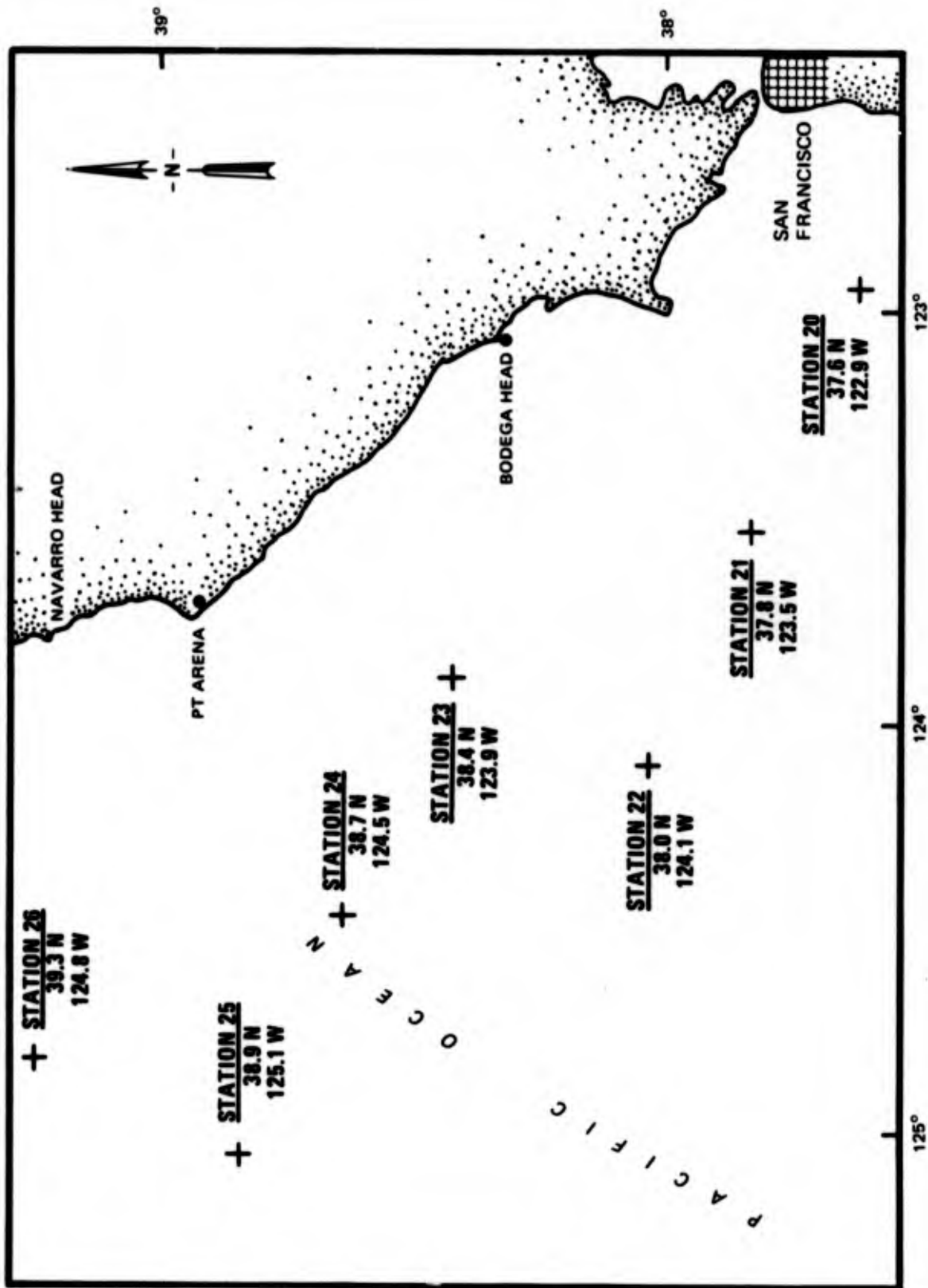
YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1957	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1958	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1959	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1960	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1961	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1962	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1963	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1964	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1965	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1966	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1967	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1968	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1969	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1970	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1971	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1972	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1973	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1974	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1975	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

20 YR. STATISTICS FOR PACIFIC STATION 19 (37.22N 123.18W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.9
 1.9
 200
 1.6
 2.4
 57022406

APPENDIX C: STA 20 THROUGH 26



STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	7	:	3	.	.	5	:	:	:	:	8
1.0-1.9	2	:	:	5	1	1	:	:	:	:	11
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	154	0	3	5	9	7	0	0	0	0	107

MEAN HS(M) = 2.1 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.0 NO. OF CASES= 107.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	11	:	:	:	.	:	:	:	:	:	11
1.0-1.9	15	:	:	:	1	:	:	:	:	:	16
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	26	0	0	0	1	0	0	0	0	0	17

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.5 NO. OF CASES= 17.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	:	:	:	:	:	:	:	:	:	5
1.0-1.9	17	:	:	:	:	:	:	:	:	:	17
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	22	0	0	0	0	0	0	0	0	0	13

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 5.2 NO. OF CASES= 13.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	:	1	:	:	:	:	:	:	:	6
1.0-1.9	6	:	:	:	:	:	:	:	:	:	6
2.0-2.9	:	:	:	:	:	:	:	:	:	:	:
3.0-3.9	:	:	:	:	:	:	:	:	:	:	:
4.0-4.9	:	:	:	:	:	:	:	:	:	:	:
5.0-5.9	:	:	:	:	:	:	:	:	:	:	:
6.0-6.9	:	:	:	:	:	:	:	:	:	:	:
7.0-7.9	:	:	:	:	:	:	:	:	:	:	:
8.0-8.9	:	:	:	:	:	:	:	:	:	:	:
9.0-9.9	:	:	:	:	:	:	:	:	:	:	:
10.0+	:	:	:	:	:	:	:	:	:	:	:
TOTAL	11	0	1	0	0	0	0	0	0	0	8

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.6 NO. OF CASES= 8.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	1	.	.	.	.	.	.	.	0
1.0-1.9	0	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	9	0	1	0	0	0	0	0	0	0	0
TOTAL	9	0	1	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.0	LARGEST HS(M)= 2.3	MEAN TP(SEC)= 5.8	NO. OF CASES= 7.								

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	3	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	9	0	3	0	0	0	0	0	0	0	0
TOTAL	9	0	3	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.4	LARGEST HS(M)= 3.1	MEAN TP(SEC)= 6.5	NO. OF CASES= 8.								

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	15	0	0	0	0	0	0	0	0	0	0
TOTAL	15	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.0	LARGEST HS(M)= 2.3	MEAN TP(SEC)= 5.1	NO. OF CASES= 9.								

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	6	0	0	0	0	0	0	0	0	0	0
TOTAL	6	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) = 1.9	LARGEST HS(M)= 2.0	MEAN TP(SEC)= 4.9	NO. OF CASES= 4.								

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.1	1	.	.	.	.	.	.	.	.	.	1
0.1-0.2	3	1	.	.	.	.	.	.	.	.	4
0.2-0.3	.	18	3	.	.	.	.	.	.	.	22
0.3-0.4	.	.	.	.	.	.	.	.	.	.	3
0.4-0.5	.	.	.	.	.	.	.	.	.	.	3
0.5-0.6	.	.	.	.	.	.	.	.	.	.	3
0.6-0.7	.	.	.	.	.	.	.	.	.	.	3
0.7-0.8	.	.	.	.	.	.	.	.	.	.	3
0.8-0.9	.	.	.	.	.	.	.	.	.	.	3
0.9-1.0	.	.	.	.	.	.	.	.	.	.	3
TOTAL	12	19	4	0	0	0	0	0	0	0	23

MEAN HS(M) = 3.2 LARGEST HS(M) = 4.2 MEAN TP(SEC) = 6.3 NO. OF CASES = 23.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.1	0
0.1-0.2	0
0.2-0.3	0
0.3-0.4	0
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	6	20	19	34	45	13	0	0	0	0	85

MEAN HS(M) = 4.3 LARGEST HS(M) = 6.8 MEAN TP(SEC) = 9.7 NO. OF CASES = 85.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.1	0
0.1-0.2	0
0.2-0.3	0
0.3-0.4	0
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	13	111	215	288	336	205	50	2	0	0	727

MEAN HS(M) = 4.1 LARGEST HS(M) = 9.6 MEAN TP(SEC) = 10.3 NO. OF CASES = 727.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.1	0
0.1-0.2	0
0.2-0.3	0
0.3-0.4	0
0.4-0.5	0
0.5-0.6	0
0.6-0.7	0
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
TOTAL	27	148	259	294	554	729	334	33	1	0	1398

MEAN HS(M) = 3.8 LARGEST HS(M) = 8.5 MEAN TP(SEC) = 11.3 NO. OF CASES = 1398.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											58
1.0-1.9											1003
2.0-2.9	22	11	34	13							2994
3.0-3.9		54	337	306	219	88	23				3584
4.0-4.9		8	131	369	1064	1165	179	10	1		1803
5.0-5.9			65	102	648	1836	845	34			582
6.0-6.9			47	11	123	590	978	46			126
7.0-7.9			10	1		90	386	94			18
8.0-8.9						6	83	35			10
9.0-9.9							10	8			0
10.0+											0
TOTAL	28	146	624	803	2056	3775	2504	238	4	0	

MEAN HS(M) = 3.3 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 12.1 NO. OF CASES= 5963.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	143	429	462	17	15	10					1076
1.0-1.9	393	2760	7103	4772	2381	621					18106
2.0-2.9	453	1254	2597	5068	8954	6492	1052	54			2982
3.0-3.9	1	631	518	516	2583	8572	3880	190	22		17023
4.0-4.9		138	260	107	242	2371	4293	513	3		7937
5.0-5.9		5	23	30	49	150	1305	499	1		2262
6.0-6.9				1	5		184	405			595
7.0-7.9							13	85			22
8.0-8.9								10			10
9.0-9.9											0
10.0+											0
TOTAL	990	5217	10963	10511	14229	18216	10749	2197	29	0	

MEAN HS(M) = 2.8 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 11.1 NO. OF CASES= 42737.

STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	17	51	32								100
1.0-1.9	913	1095	1021	227	58	8					3329
2.0-2.9	1019	1307	1788	1493	708	75	23	6			6418
3.0-3.9	29	131	453	330	349	335	54	1			1682
4.0-4.9		3	11	27	15	63	11				130
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1978	2587	3305	2077	1130	481	89	12	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.9 MEAN TP(SEC)= 8.4 NO. OF CASES= 6823.

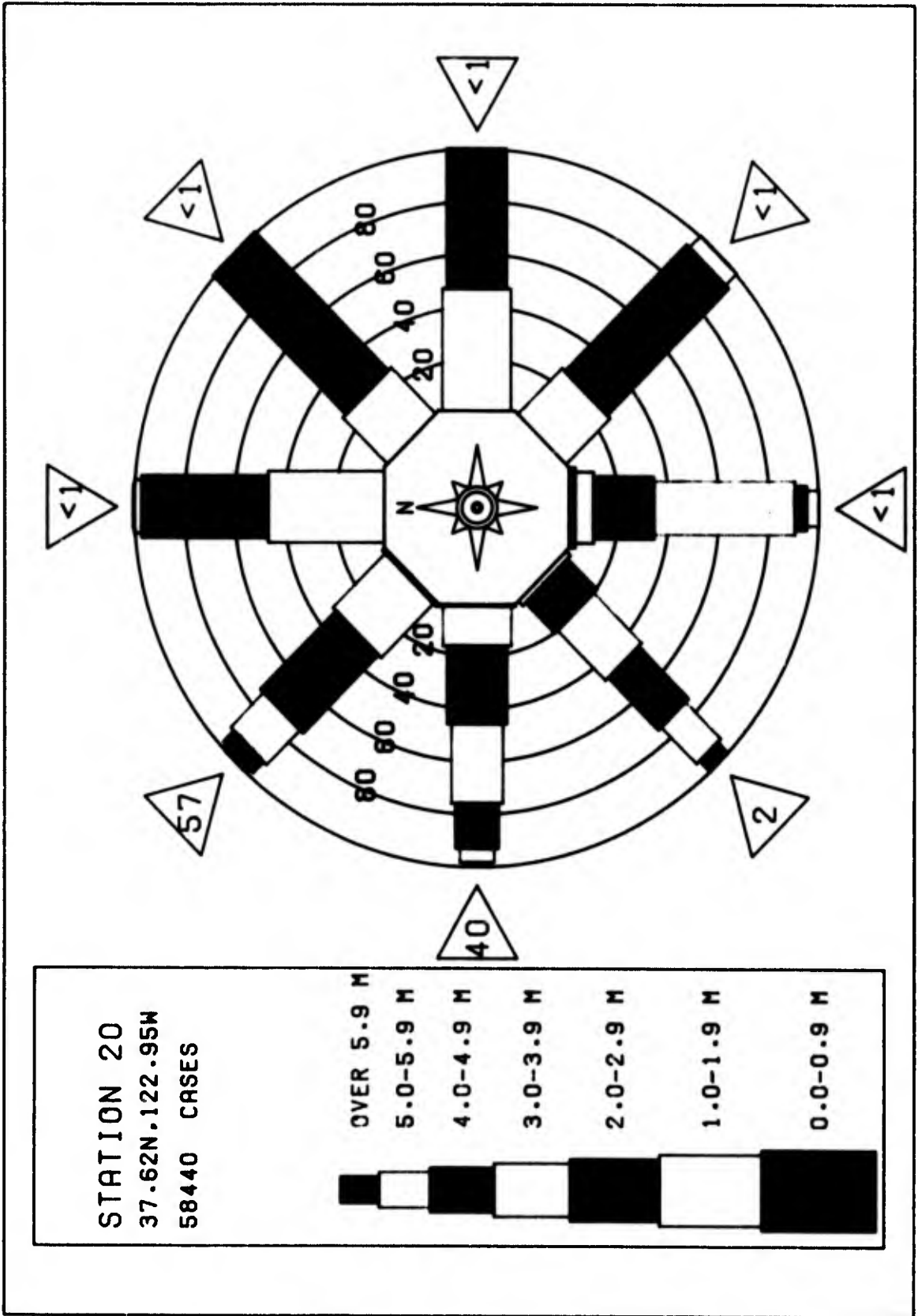
STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											340
2.0-2.9	287	15	35	3							494
3.0-3.9	347	27	77	13	23	3	3	1			31
4.0-4.9	13		3	3	1	11					0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	647	42	115	19	24	14	3	1	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 6.2 NO. OF CASES= 511.

STATION 20 37.62N 122.95W FOR ALL DIRECTIONS										TOTAL										
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																				
HEIGHT(METRES)	4.4-6.0		6.1-8.0		8.1-9.5		9.6-10.5		10.6-11.7		11.8-13.3		13.4-15.3		15.4-18.1		18.2-22.2		22.3- LONGER	
0.0-0.9	16	49	52	3	1	1	4	6	.	.	.	.	.	.	.	.	.	.	.	122
1.0-1.9	172	396	474	533	267	72	126	10	2	.	.	.	.	.	.	.	.	.	.	1203
2.0-2.9	205	270	115	712	1097	781	482	35	2	.	.	.	.	.	.	.	.	.	.	338
3.0-3.9	5	17	49	107	368	1110	180	80	.	.	.	.	.	.	.	.	.	.	.	1089
4.0-4.9	.	.	.	138	258	334	29	44	.	.	.	.	.	.	.	.	.	.	.	342
5.0-5.9	.	.	.	1	3	3	4	9	.	.	.	.	.	.	.	.	.	.	.	134
6.0-6.9	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	41
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	396	828	1549	1401	1835	2340	1371	245	2	0										58440

MEAN HS(M)= 2.8 LARGEST HS(M)= 9.6 MEAN TP(SEC)= 10.8 TOTAL CASES= 58440.



STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	4	:	:	:	:	3	:	:	:	:	0
1.0-1.9	7	:	:	1	5	1	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
TOTAL	122	0	0	1	10	5	0	0	0	0	83.

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 6.1 NO. OF CASES= 83.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	:	1	:	:	:	:	:	:	:	0
1.0-1.9	15	:	:	:	:	3	:	:	:	:	16
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
TOTAL	20	0	1	0	0	3	0	0	0	0	15.

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.5 NO. OF CASES= 15.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	:	:	:	:	:	:	:	:	:	0
1.0-1.9	8	:	:	:	:	:	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
TOTAL	11	0	0	0	0	0	0	0	0	0	7.

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.2 NO. OF CASES= 7.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	:	1	:	:	:	:	:	:	:	0
1.0-1.9	6	:	:	:	:	:	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
TOTAL	13	0	1	0	0	0	0	0	0	0	9.

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.9 NO. OF CASES= 9.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	.	.	3	.	.	.	.	.	.	.	0
0.1	6	1	1	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	6	1	4	0	0	0	0	0	0	0	8.

MEAN HS(M) = 2.2 LARGEST HS(M) = 2.8 MEAN TP(SEC) = 7.0 NO. OF CASES = 8.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	.	.	3	.	.	.	.	.	.	.	0
0.1	11	6	1	.	.	.	.	.	.	.	17
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	12	7	3	0	0	0	0	0	0	0	15.

MEAN HS(M) = 2.3 LARGEST HS(M) = 3.2 MEAN TP(SEC) = 6.4 NO. OF CASES = 15.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	0
0.1	3	1	.	.	.	.	.	.	.	.	14
0.2	.	6	.	.	.	.	.	.	.	.	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	16	7	0	0	0	0	0	0	0	0	15.

MEAN HS(M) = 2.4 LARGEST HS(M) = 3.4 MEAN TP(SEC) = 5.9 NO. OF CASES = 15.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	0
0.1	1	1	.	.	.	.	.	.	.	.	0
0.2	.	5	.	.	.	.	.	.	.	.	0
0.3	.	1	.	.	.	.	.	.	.	.	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	1	7	0	0	0	0	0	0	0	0	6.

MEAN HS(M) = 3.2 LARGEST HS(M) = 4.1 MEAN TP(SEC) = 6.5 NO. OF CASES = 6.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	5	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	11	1	.	.	.	.	.	.	.	0
2.0-2.9	.	8	.	.	.	8	.	.	.	.	0
3.0-3.9	.	10	13	3	.	.	.	.	.	.	0
4.0-4.9	.	.	8	1	.	.	.	.	.	.	0
5.0-5.9	.	.	.	1	5	.	.	.	.	.	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	11	29	22	5	6	8	0	0	0	0	52

MEAN HS(M) = 4.0 LARGEST HS(M) = 7.6 MEAN TP(SEC) = 8.2 NO. OF CASES = 52.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	20	15	3	3	.	.	.	.	.	0
3.0-3.9	.	46	59	1	6	.	.	.	.	.	0
4.0-4.9	.	13	34	15	17	13	.	.	.	.	0
5.0-5.9	.	.	46	37	20	6	.	.	.	.	0
6.0-6.9	.	.	.	41	30	10	.	.	.	.	0
7.0-7.9	.	.	.	1	13	5	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	79	154	98	84	42	1	0	0	0	278

MEAN HS(M) = 4.7 LARGEST HS(M) = 8.7 MEAN TP(SEC) = 9.4 NO. OF CASES = 278.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	11	3	8	1	.	.	.	.	.	.	0
3.0-3.9	.	34	47	44	11	6	.	.	.	.	0
4.0-4.9	.	59	61	47	65	20	.	.	.	.	0
5.0-5.9	.	35	128	77	116	77	5	.	.	.	0
6.0-6.9	.	.	97	95	77	82	1	.	.	.	0
7.0-7.9	.	.	3	78	39	18	.	.	.	.	0
8.0-8.9	.	.	.	3	5	17	.	.	.	.	0
9.0-9.9	1	.	.	.	.	0
10.0+	0
TOTAL	11	131	344	345	316	233	70	3	0	0	862

MEAN HS(M) = 4.6 LARGEST HS(M) = 9.1 MEAN TP(SEC) = 10.2 NO. OF CASES = 862.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	5	5	.	.	.	.	.	.	.	.	0
1.0-1.9	17	51	37	6	11	.	.	.	.	.	0
2.0-2.9	.	63	136	70	154	.	.	.	.	.	0
3.0-3.9	.	68	106	133	123	35	.	.	.	.	0
4.0-4.9	.	23	109	46	210	37	5	.	.	.	0
5.0-5.9	.	.	77	59	59	203	130	1	.	.	0
6.0-6.9	.	.	8	27	18	233	248	5	.	.	0
7.0-7.9	.	.	.	3	1	55	85	.	.	.	0
8.0-8.9	.	.	.	.	.	6	3	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	210	473	344	777	884	565	9	0	0	1933

MEAN HS(M) = 4.1 LARGEST HS(M) = 9.6 MEAN TP(SEC) = 11.2 NO. OF CASES = 1933.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	15	10	6	10	6	1	.	.	.	36
1.0-1.9	11	15	42	17	10	10	1	.	.	.	92
2.0-2.9	35	71	284	54	100	107	1	.	.	.	220
3.0-3.9	.	82	109	166	246	130	1	.	.	.	426
4.0-4.9	.	11	66	17	34	118	1	.	.	.	227
5.0-5.9	.	.	10	2	1	24	1	.	.	.	114
6.0-6.9	.	.	.	3	.	15	39	.	.	.	57
7.0-7.9	.	.	.	.	.	5	25	.	.	.	30
8.0-8.9	.	.	.	.	.	.	25	.	.	.	25
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	51	252	905	982	2545	4892	3334	399	5	0	7826

MEAN HS(M) = 3.6 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 12.1 NO. OF CASES= 7826.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	80	292	270	373	1	15	.	.	.	.	661
1.0-1.9	323	1719	5023	3376	1607	471	1	.	.	.	12550
2.0-2.9	424	1271	2296	4633	7866	5111	717	1	.	.	22798
3.0-3.9	1	718	444	456	2698	7796	2997	46	.	.	14530
4.0-4.9	.	70	309	104	304	2600	3798	240	.	.	7600
5.0-5.9	.	.	27	47	44	229	1425	414	.	.	2422
6.0-6.9	.	.	.	3	5	1	217	429	.	.	655
7.0-7.9	.	.	.	.	1	.	27	106	.	.	134
8.0-8.9	.	.	.	.	.	.	.	13	.	.	13
9.0-9.9	.	.	.	.	.	.	.	11	.	.	11
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	828	4070	8369	8622	12524	16183	9230	1975	26	0	36147

MEAN HS(M) = 2.9 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 11.2 NO. OF CASES= 36147.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	6	5	37	3	.	.	.	.	.	.	71
1.0-1.9	1110	1702	1083	253	61	11	.	.	.	.	2824
2.0-2.9	1764	2547	2185	2109	881	114	20	.	.	.	3652
3.0-3.9	11	927	800	542	773	460	71	1	.	.	3527
4.0-4.9	.	25	128	106	42	179	34	.	.	.	514
5.0-5.9	.	.	.	1	1	3	5	.	.	.	10
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2891	4826	4233	3012	1758	767	130	9	0	0	10312

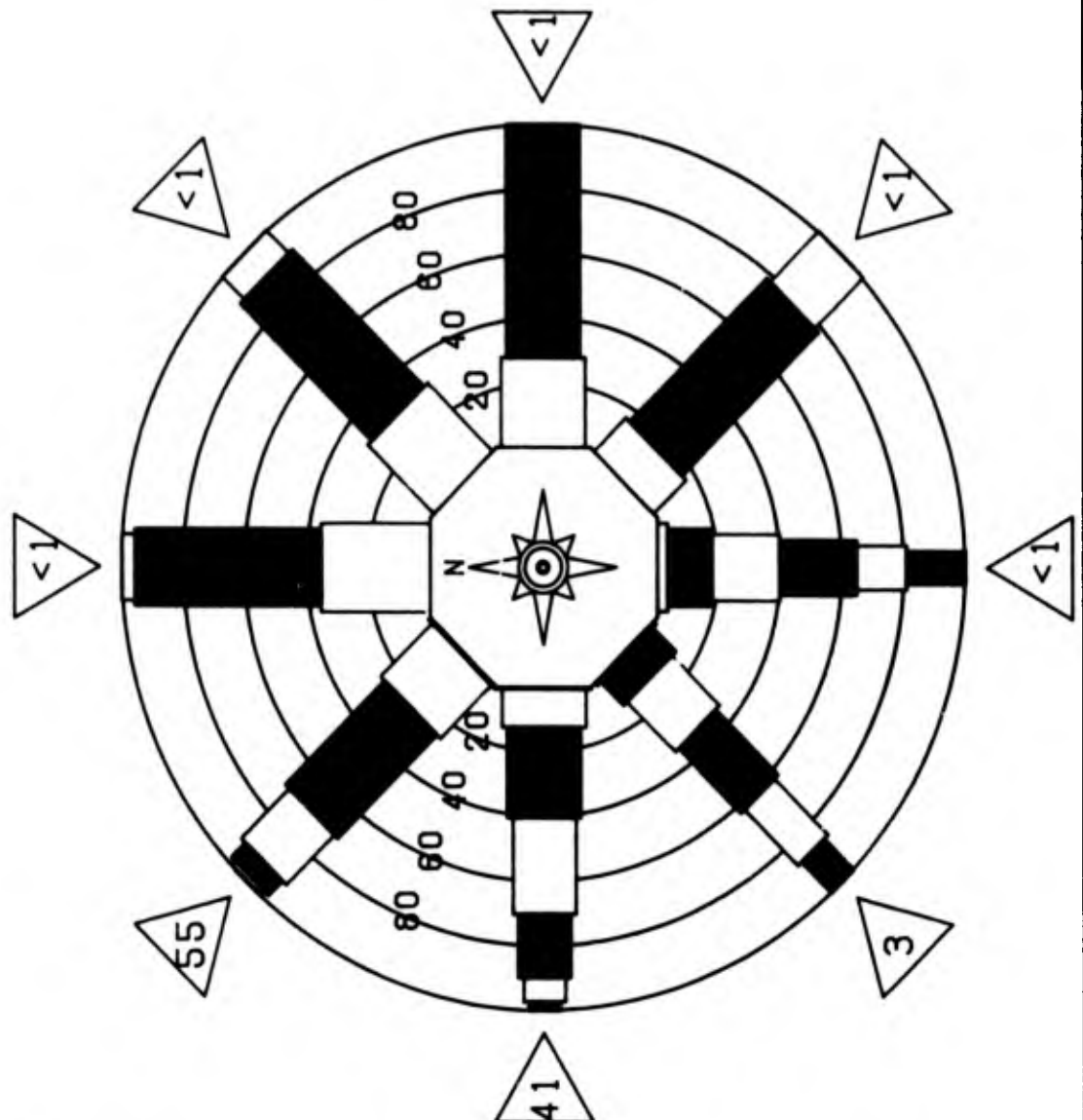
MEAN HS(M) = 2.5 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 8.3 NO. OF CASES= 10312.

STATION 21 37.83N 123.53W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	330	6	20	1	1	1	.	.	.	.	350
1.0-1.9	634	203	109	17	30	10	1	1	.	.	1005
2.0-2.9	17	71	6	6	3	8	.	.	.	.	111
3.0-3.9	.	3	.	.	.	1	.	.	.	.	4
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	981	283	135	24	34	20	1	1	0	0	872

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.2 NO. OF CASES= 872.

STATION 21 37.83N 123.53W FOR ALL DIRECTIONS												
HEIGHT(METRES)	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS									TOTAL		
	PEAK PERIOD(SECONDS)											
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0.0-0.9	9	33	31	1	1	1	2	2	.	.	75	
1.0-1.9	185	315	600	383	182	106	96	2	.	.	1766	
2.0-2.9	304	423	1508	1717	855	575	400	2	.	.	4714	
3.0-3.9	3	19	150	117	49	107	22	32	2	.	625	
4.0-4.9	.	.	27	38	22	47	24	74	.	.	125	
5.0-5.9	.	.	20	15	2	7	47	56	.	.	147	
6.0-6.9	.	.	1	1	1	1	1	1	.	.	7	
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	1
TOTAL	501	989	1463	1343	1804	2300	1331	238	2	0	58440	
MEAN HS(M)=	3.0		LARGEST HS(M)=		9.9		MEAN TP(SEC)=		10.7		TOTAL CASES=	58440.



STATION 21
37.83N, 123.53W
58440 CASES

OVER 5.9 M	5.0-5.9 M	4.0-4.9 M	3.0-3.9 M	2.0-2.9 M	1.0-1.9 M	0.0-0.9 M
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**MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 21 (37.83N 123.53W)**

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1957	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1958	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1959	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1960	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1961	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1962	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1963	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1964	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1965	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1966	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1967	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1968	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1969	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1970	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1971	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1972	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1973	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1974	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
1975	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4
MEAN	3.9	3.9	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	3.4

**LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 21 (37.83N 123.53W)**

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1957	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1958	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1959	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1960	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1961	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1962	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1963	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1964	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1965	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1966	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1967	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1968	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1969	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1970	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1971	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1972	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1973	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1974	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0
1975	4.0	4.0	3.5	3.2	2.6	2.4	2.2	2.0	2.0	2.7	3.4	4.0	4.0

20 YR. STATISTICS FOR PACIFIC STATION 21 (37.83N 123.53W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.9
 MEAN PEAK WAVE PERIOD (SECONDS)= 11.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 290
 STANDARD DEVIATION OF HS(METRES)= 0.7
 STANDARD DEVIATION OF TP(SECONDS)= 1.0
 LARGEST HS(METRES)= 4.0
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.0
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 292
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 64011900

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	.	1	.	.	.	.	.	.	.	0
1.0-1.9	58	83	.	.	.	.	.	.	.	.	11
2.0-2.9	.	37	1	.	10	1	.	.	.	.	14
3.0-3.9	.	.	1	.	.	.	.	.	.	.	4
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	68	120	3	0	10	1	0	0	0	0	121

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.6 NO. OF CASES= 121.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	10
2.0-2.9	5	5	.	.	.	.	.	.	.	.	10
3.0-3.9	.	.	.	.	.	1	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	5	0	0	0	1	0	0	0	0	9

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 6.5 NO. OF CASES= 9.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	1	.	.	.	.	.	.	.	0
2.0-2.9	8	.	.	.	.	1	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	0	1	0	0	1	0	0	0	0	9

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 6.7 NO. OF CASES= 9.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	5	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	1	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	5	0	0	1	0	0	0	0	5

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 9.0 NO. OF CASES= 5.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1	0
0.2	6	1	.	.	.	.	.	.	.	.	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
TOTAL	6	1	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.0 NO. OF CASES= 5.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
TOTAL	11	6	0	0	0	1	0	0	0	0	12

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.6 NO. OF CASES= 12.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1	0
0.2	6	.	.	.	.	.	.	.	.	.	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
TOTAL	11	6	0	0	0	0	0	0	0	0	11

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.1 NO. OF CASES= 11.

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1	0
0.2	1	.	.	.	.	.	.	.	.	.	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
TOTAL	2	13	6	0	0	5	0	0	0	0	18

MEAN HS(M) = 3.8 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 8.3 NO. OF CASES= 18.

		STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =270.0										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.5												
0.5-1.0												
1.0-1.5												
1.5-2.0												
2.0-2.5												
2.5-3.0												
3.0-3.5												
3.5-4.0												
4.0-4.5												
4.5-5.0												
5.0-5.5												
5.5-6.0												
6.0-6.5												
6.5-7.0												
7.0-7.5												
7.5-8.0												
8.0-8.5												
8.5-9.0												
9.0-9.5												
9.5-10.0												
10.0+												
TOTAL		20	108	524	665	1892	3677	2632	295	0	0	5747.

MEAN HS(M) = 3.5 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 12.3 NO. OF CASES= 5747.

		STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =292.5										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.5												
0.5-1.0												
1.0-1.5												
1.5-2.0												
2.0-2.5												
2.5-3.0												
3.0-3.5												
3.5-4.0												
4.0-4.5												
4.5-5.0												
5.0-5.5												
5.5-6.0												
6.0-6.5												
6.5-7.0												
7.0-7.5												
7.5-8.0												
8.0-8.5												
8.5-9.0												
9.0-9.5												
9.5-10.0												
10.0+												
TOTAL		248	1115	3674	5302	10557	15562	9337	1918	22	0	27914.

MEAN HS(M) = 3.2 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 11.9 NO. OF CASES= 27914.

		STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =315.0										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.5												
0.5-1.0												
1.0-1.5												
1.5-2.0												
2.0-2.5												
2.5-3.0												
3.0-3.5												
3.5-4.0												
4.0-4.5												
4.5-5.0												
5.0-5.5												
5.5-6.0												
6.0-6.5												
6.5-7.0												
7.0-7.5												
7.5-8.0												
8.0-8.5												
8.5-9.0												
9.0-9.5												
9.5-10.0												
10.0+												
TOTAL		2438	10257	6948	4399	3711	2270	664	95	10	0	18008.

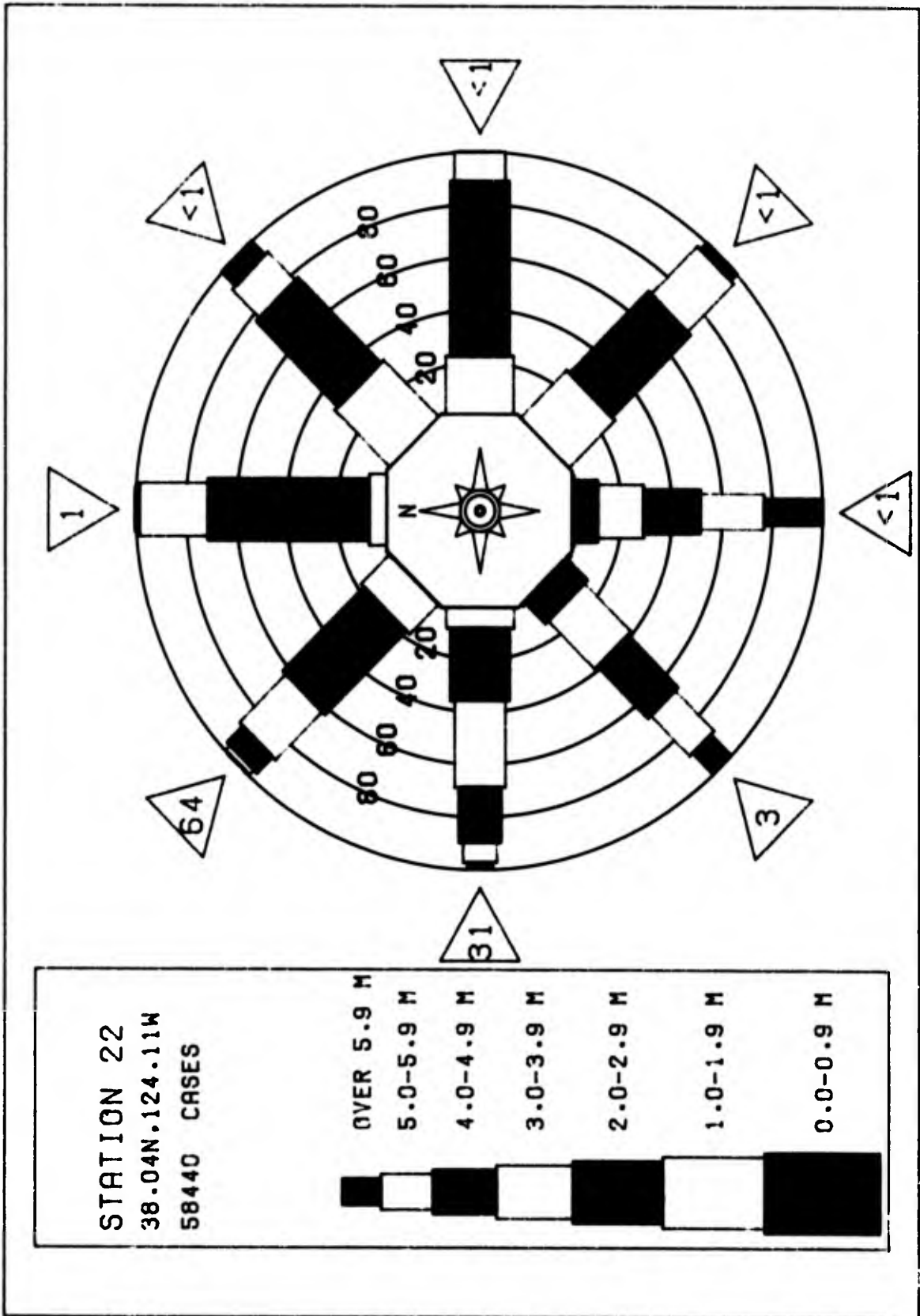
MEAN HS(M) = 2.6 LARGEST HS(M)= 6.9 MEAN TP(SEC)= 8.7 NO. OF CASES= 18008.

		STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =337.5										
		PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)		PEAK PERIOD(SECONDS)										TOTAL
		4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.5												
0.5-1.0												
1.0-1.5												
1.5-2.0												
2.0-2.5												
2.5-3.0												
3.0-3.5												
3.5-4.0												
4.0-4.5												
4.5-5.0												
5.0-5.5												
5.5-6.0												
6.0-6.5												
6.5-7.0												
7.0-7.5												
7.5-8.0												
8.0-8.5												
8.5-9.0												
9.0-9.5												
9.5-10.0												
10.0+												
TOTAL		546	3872	1089	180	74	49	3	0	6	0	3408.

MEAN HS(M) = 2.8 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 7.3 NO. OF CASES= 3408.

STATION 22 38.04N 124.11W FOR ALL DIRECTIONS										TOTAL									
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																			
HEIGHT(METRES)	4.4- 6.0		6.1- 8.0		8.1- 9.5		9.6- 10.5		10.6- 11.7		11.8- 13.3		13.4- 15.3		15.4- 18.1		18.2- 22.3- LONGER		
0.0-0.9	8		9		12		26		140		38		3		4		.	.	29
1.0-1.9	12		25		42		67		268		112		99		31		2	.	127
2.0-2.9	207		64		44		97		510		600		407		77		.	.	306
3.0-3.9	.		44		22		40		80		457		536		49		.	.	207
4.0-4.9	.		45		20		23		19		63		227		10		.	.	133
5.0-5.9	.		.		4		19		1		6		41		3		.	.	47
6.0-6.9	.		.		2		.		.		1		8		1		.	.	26
7.0-7.9	.		.		.		.		.		.		1		.		.	.	6
8.0-8.9	.		.		.		.		.		.		.		.		.	.	1
9.0-9.9	.		.		.		.		.		.		.		.		.	.	0
10.0+	.		.		.		.		.		.		.		.		.	.	0
TOTAL	340	1601	1332	1123	1729	2272	1341	230	2	0									58440

MEAN HS(M)= 3.1 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 10.6 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 22 (38.04N 124.11W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	3.9	3.9	3.6	3.3	2.7	2.6	2.5	2.2	2.2	2.7	3.5	4.0	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 22 (38.04N 124.11W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

20 YR. STATISTICS FOR PACIFIC STATION 22 (38.04N 124.11W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

29
16
204
64011900

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	6	.	.	1	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	5	.	.	.	.	.	0
2.0-2.9	3	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	134	0	0	1	8	0	0	0	0	0	85.

MEAN HS(M) = 2.0 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 5.6 NO. OF CASES=

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	1	.	.	.	.	.	.	.	0
1.0-1.9	10	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	0	1	0	0	0	0	0	0	0	9.

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.6 NO. OF CASES=

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	2	0	0	0	0	0	0	0	0	0	2.

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.1 NO. OF CASES=

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 1.9 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 5.2 NO. OF CASES=

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
10.0+											
TOTAL	1	0	1	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 7.3 NO. OF CASES= 2.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
10.0+											
TOTAL	5	0	1	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.6 NO. OF CASES= 4.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
10.0+											
TOTAL	11	0	0	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.2 NO. OF CASES= 7.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
10.0+											
TOTAL	3	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 1.8 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 5.1 NO. OF CASES= 2.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.	0	0	0	0	0	0	0	0	0	0	0
0.1	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0
0.3	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0	0
0.6	0	0	0	0	0	0	0	0	0	0	0
0.7	0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0	0
0.9	0	0	0	0	0	0	0	0	0	0	0
1.0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	13	18	7	8	10	2	0	0	0	0	39

MEAN HS(M) = 4.3 LARGEST HS(M) = 7.6 MEAN TP(SEC) = 8.2 NO. OF CASES = 39.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.	0	0	0	0	0	0	0	0	0	0	0
0.1	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0
0.3	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0	0
0.6	0	0	0	0	0	0	0	0	0	0	0
0.7	0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0	0
0.9	0	0	0	0	0	0	0	0	0	0	0
1.0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	8	64	126	99	122	42	1	0	0	0	278

MEAN HS(M) = 4.8 LARGEST HS(M) = 7.8 MEAN TP(SEC) = 9.7 NO. OF CASES = 278.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.	0	0	0	0	0	0	0	0	0	0	0
0.1	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0
0.3	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0	0
0.6	0	0	0	0	0	0	0	0	0	0	0
0.7	0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0	0
0.9	0	0	0	0	0	0	0	0	0	0	0
1.0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9	126	392	314	473	290	84	0	0	0	999

MEAN HS(M) = 4.8 LARGEST HS(M) = 9.5 MEAN TP(SEC) = 10.4 NO. OF CASES = 999.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.	0	0	0	0	0	0	0	0	0	0	0
0.1	0	0	0	0	0	0	0	0	0	0	0
0.2	0	0	0	0	0	0	0	0	0	0	0
0.3	0	0	0	0	0	0	0	0	0	0	0
0.4	0	0	0	0	0	0	0	0	0	0	0
0.5	0	0	0	0	0	0	0	0	0	0	0
0.6	0	0	0	0	0	0	0	0	0	0	0
0.7	0	0	0	0	0	0	0	0	0	0	0
0.8	0	0	0	0	0	0	0	0	0	0	0
0.9	0	0	0	0	0	0	0	0	0	0	0
1.0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	252	486	402	902	1098	699	10	0	0	2270

MEAN HS(M) = 4.2 LARGEST HS(M) = 9.5 MEAN TP(SEC) = 11.3 NO. OF CASES = 2270.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	3	27	11	11	11	57	3	1	.	.	52
1.0-1.9	11	77	49	28	18	104	2	1	.	.	130
2.0-2.9	.	90	39	20	10	95	2	1	.	.	140
3.0-3.9	.	10	13	30	22	39	1	1	.	.	106
4.0-4.9	.	.	15	10	1	30	3	1	.	.	61
5.0-5.9	.	.	.	.	6	5	3	25	.	.	40
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	31	294	1028	1252	2898	5679	3786	463	0	0	9034

MEAN HS(M) = 3.5 LARGEST HS(M) = 8.9 MEAN TP(SEC) = 12.1 NO. OF CASES = 9034.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	71	325	386	11	15	25	.	.	.	.	833
1.0-1.9	351	2077	6484	3931	1877	410	41	41	.	.	1356
2.0-2.9	201	775	2197	4632	2627	213	845	551	13	.	2707
3.0-3.9	1	393	410	400	285	286	900	603	1	.	1451
4.0-4.9	.	46	171	104	47	241	3530	3266	.	.	2191
5.0-5.9	.	.	29	5	6	1	1218	552	.	.	1111
6.0-6.9	.	.	.	.	.	.	181	70	.	.	251
7.0-7.9	.	.	.	.	.	.	27	11	.	.	38
8.0-8.9	.	.	.	.	.	.	.	10	.	.	10
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	625	3616	9674	9132	13182	15599	8742	1657	14	0	36390

MEAN HS(M) = 2.8 LARGEST HS(M) = 9.3 MEAN TP(SEC) = 11.2 NO. OF CASES = 36390.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	5	29	44	5	5	1	1	.	.	.	83
1.0-1.9	101	174	1167	179	85	1	12	.	.	.	208
2.0-2.9	134	177	288	473	73	382	18	1	.	.	207
3.0-3.9	46	5	10	41	13	78	6	.	.	.	156
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	2405	2973	4467	2674	1401	547	112	2	0	0	8530

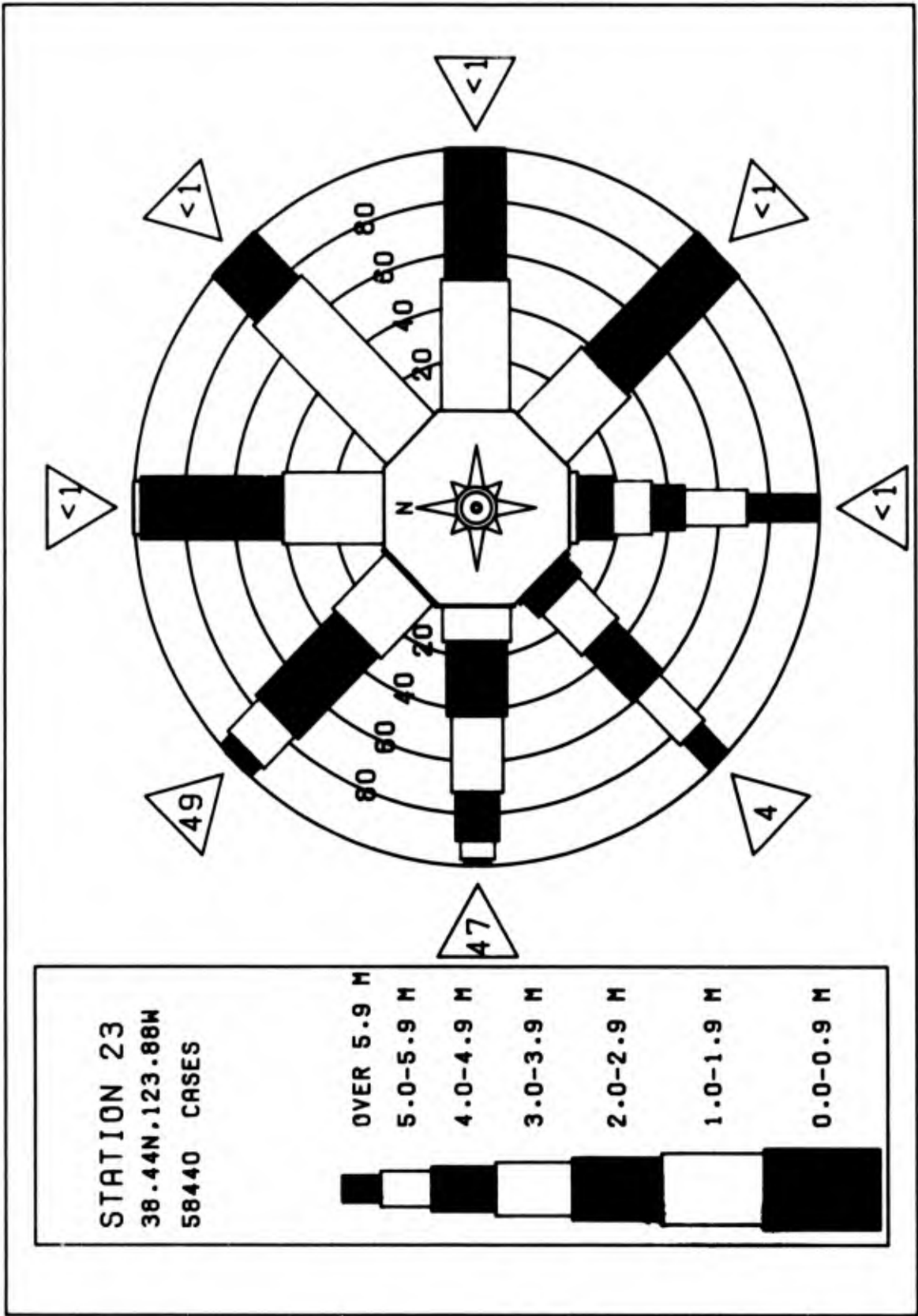
MEAN HS(M) = 2.3 LARGEST HS(M) = 4.8 MEAN TP(SEC) = 8.4 NO. OF CASES = 8530.

STATION 23 38.44N 123.88W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1	.	.	1	.	.	.	.	.	.	1
1.0-1.9	27	3	3	1	.	.	.	.	.	.	44
2.0-2.9	50	54	187	28	20	6	3	3	.	.	242
3.0-3.9	17	1	6	13	5	5	.	.	.	.	46
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	944	87	222	43	25	11	3	3	0	0	788

MEAN HS(M) = 2.1 LARGEST HS(M) = 3.7 MEAN TP(SEC) = 6.3 NO. OF CASES = 788.

STATION 23 38.44N 123.88W FOR ALL DIRECTIONS										TOTAL	
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	188	38	44	2	1	2	6	4	.	.	95
1.0-1.9	223	364	222	44	22	47	6	4	.	.	2096
2.0-2.9	6	250	100	73	104	66	11	27	1	.	1597
3.0-3.9	.	78	154	15	48	106	49	46	.	.	3310
4.0-4.9	.	12	25	34	37	44	21	63	.	.	1199
5.0-5.9	.	.	22	30	33	37	14	33	.	.	481
6.0-6.9	.	.	1	12	16	16	4	51	.	.	279
7.0-7.9	.	.	.	.	4	2	1	8	.	.	20
8.0-8.9	.	.	.	.	1	.	1	3	.	.	2
9.0-9.9	.	.	.	.	.	.	.	1	.	.	0
TOTAL	421	742	1640	1391	1901	2326	1339	210	1	0	
MEAN HS(M)=	2.9	LARGEST HS(M)=	9.5	MEAN TP(SEC)=	10.8	TOTAL CASES=	58440.				



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 23 (38.44N 123.88W)

		MONTH												MEAN
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
YEAR	1956	5.2	4.5	4.5	5.0	5.5	5.2	5.0	4.8	5.0	5.2	5.5	5.8	5.5
1957	6.2	5.5	5.2	5.5	6.0	6.2	6.0	5.8	5.5	5.8	6.0	6.5	6.5	
1958	7.0	6.5	6.0	6.5	7.0	7.2	7.0	6.8	6.5	6.8	7.0	7.5	7.5	
1959	7.5	7.0	6.5	7.0	7.5	7.8	7.5	7.2	7.0	7.2	7.5	8.0	8.0	
1960	8.0	7.5	7.0	7.5	8.0	8.2	8.0	7.8	7.5	7.8	8.0	8.5	8.5	
1961	8.5	8.0	7.5	8.0	8.5	8.8	8.5	8.2	8.0	8.2	8.5	9.0	9.0	
1962	9.0	8.5	8.0	8.5	9.0	9.2	9.0	8.8	8.5	8.8	9.0	9.5	9.5	
1963	9.5	9.0	8.5	9.0	9.5	9.8	9.5	9.2	9.0	9.2	9.5	10.0	10.0	
1964	10.0	9.5	9.0	9.5	10.0	10.2	10.0	9.8	9.5	9.8	10.0	10.5	10.5	
1965	10.5	10.0	9.5	10.0	10.5	10.8	10.5	10.2	10.0	10.2	10.5	11.0	11.0	
1966	11.0	10.5	10.0	10.5	11.0	11.2	11.0	10.8	10.5	10.8	11.0	11.5	11.5	
1967	11.5	11.0	10.5	11.0	11.5	11.8	11.5	11.2	11.0	11.2	11.5	12.0	12.0	
1968	12.0	11.5	11.0	11.5	12.0	12.2	12.0	11.8	11.5	11.8	12.0	12.5	12.5	
1969	12.5	12.0	11.5	12.0	12.5	12.8	12.5	12.2	12.0	12.2	12.5	13.0	13.0	
1970	13.0	12.5	12.0	12.5	13.0	13.2	13.0	12.8	12.5	12.8	13.0	13.5	13.5	
1971	13.5	13.0	12.5	13.0	13.5	13.8	13.5	13.2	13.0	13.2	13.5	14.0	14.0	
1972	14.0	13.5	13.0	13.5	14.0	14.2	14.0	13.8	13.5	13.8	14.0	14.5	14.5	
1973	14.5	14.0	13.5	14.0	14.5	14.8	14.5	14.2	14.0	14.2	14.5	15.0	15.0	
1974	15.0	14.5	14.0	14.5	15.0	15.2	15.0	14.8	14.5	14.8	15.0	15.5	15.5	
1975	15.5	15.0	14.5	15.0	15.5	15.8	15.5	15.2	15.0	15.2	15.5	16.0	16.0	
MEAN		3.9	4.0	3.5	3.1	2.5	2.2	2.0	1.8	1.9	2.6	3.5	4.0	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 23 (38.44N 123.88W)

		MONTH											
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR	1956	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1957	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1958	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
1959	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
1960	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
1961	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
1962	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
1963	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
1964	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
1965	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
1966	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
1967	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
1968	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
1969	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
1970	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1971	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
1972	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
1973	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
1974	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
1975	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5

20 YR. STATISTICS FOR PACIFIC STATION 23 (38.44N 123.88W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

20
 20
 20
 20
 20
 20
 5702
 2418

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0.0-0.9	5	5	5	0	0	0	0	0	0	0	0	0
1.0-1.9	20	18	0	0	1	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	25	24	11	0	1	0	0	0	0	0	0	38.

MEAN HS(M) = 2.4 LARGEST HS(M) = 3.7 MEAN TP(SEC) = 6.7 NO. OF CASES = 38.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0.0-0.9	3	0	3	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	1	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	0	4	0	0	0	0	0	0	0	0	10.

MEAN HS(M) = 2.0 LARGEST HS(M) = 2.3 MEAN TP(SEC) = 6.3 NO. OF CASES = 10.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0.

MEAN HS(M) = 0. LARGEST HS(M) = 0. MEAN TP(SEC) = 0. NO. OF CASES = 0.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
0.0-0.9	1	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 1.9 LARGEST HS(M) = 1.9 MEAN TP(SEC) = 5.5 NO. OF CASES = 1.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	1	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.7 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 6.2 NO. OF CASES= 2.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	5	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	5	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.6 NO. OF CASES= 3.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 1.9 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 5.4 NO. OF CASES= 7.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	1	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	1	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	7	4	2	1	0	0	0	0	0	0	0

MEAN HS(M) = 3.3 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 6.8 NO. OF CASES= 11.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	11	47	46	32	41	10	0	0	0	0	0

MEAN HS(M) = 5.1 LARGEST HS(M)= 7.8 MEAN TP(SEC)= 9.0 NO. OF CASES= 114.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	2	99	351	230	193	94	18	0	0	0	0

MEAN HS(M) = 5.1 LARGEST HS(M)= 10.0 MEAN TP(SEC)= 9.8 NO. OF CASES= 591.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	18	230	503	322	345	339	223	6	0	0	0

MEAN HS(M) = 4.5 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 10.4 NO. OF CASES= 1173.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	21	159	349	258	701	922	715	30	0	0	0

MEAN HS(M) = 4.0 LARGEST HS(M)= 8.4 MEAN TP(SEC)= 11.6 NO. OF CASES= 1857.

STATION 24 38.61N 124.46W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	8	41	10	188	174	27	11	..	..	..	11
1	10	44	15	188	174	27	11	..	..	..	11
2	..	49	20	188	174	27	11	..	..	..	11
3	..	..	..	..	..	..	..	..	..	..	11
4	..	..	..	..	..	..	..	..	..	..	11
5	..	..	..	..	..	..	..	..	..	..	11
6	..	..	..	..	..	..	..	..	..	..	11
7	..	..	..	..	..	..	..	..	..	..	11
8	..	..	..	..	..	..	..	..	..	..	11
9	..	..	..	..	..	..	..	..	..	..	11
10	..	..	..	..	..	..	..	..	..	..	11
TOTAL	18	143	494	776	2154	4411	3033	322	0	0	6646

MEAN HS(M) = 3.5 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 12.3 NO. OF CASES= 6646.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	34	37	13	3	116	34	17	..	..	..	117
1	99	47	13	3	116	34	17	..	..	..	117
2	..	5	13	3	116	34	17	..	..	..	117
3	..	..	..	..	..	..	..	..	..	..	117
4	..	..	..	..	..	..	..	..	..	..	117
5	..	..	..	..	..	..	..	..	..	..	117
6	..	..	..	..	..	..	..	..	..	..	117
7	..	..	..	..	..	..	..	..	..	..	117
8	..	..	..	..	..	..	..	..	..	..	117
9	..	..	..	..	..	..	..	..	..	..	117
10	..	..	..	..	..	..	..	..	..	..	117
TOTAL	237	1096	4588	5673	10866	15157	8926	1703	16	0	28219

MEAN HS(M) = 3.1 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 11.8 NO. OF CASES= 28219.

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	42	46	29	27	22	65	13	..	..	..	117
1	117	213	29	27	22	65	13	..	..	..	117
2	..	54	29	27	22	65	13	..	..	..	117
3	..	..	..	..	..	..	..	..	..	..	117
4	..	..	..	..	..	..	..	..	..	..	117
5	..	..	..	..	..	..	..	..	..	..	117
6	..	..	..	..	..	..	..	..	..	..	117
7	..	..	..	..	..	..	..	..	..	..	117
8	..	..	..	..	..	..	..	..	..	..	117
9	..	..	..	..	..	..	..	..	..	..	117
10	..	..	..	..	..	..	..	..	..	..	117
TOTAL	2048	8355	6803	4356	3445	1928	496	62	0	0	16078

MEAN HS(M) = 2.6 LARGEST HS(M)= 6.7 MEAN TP(SEC)= 8.8 NO. OF CASES= 16078.

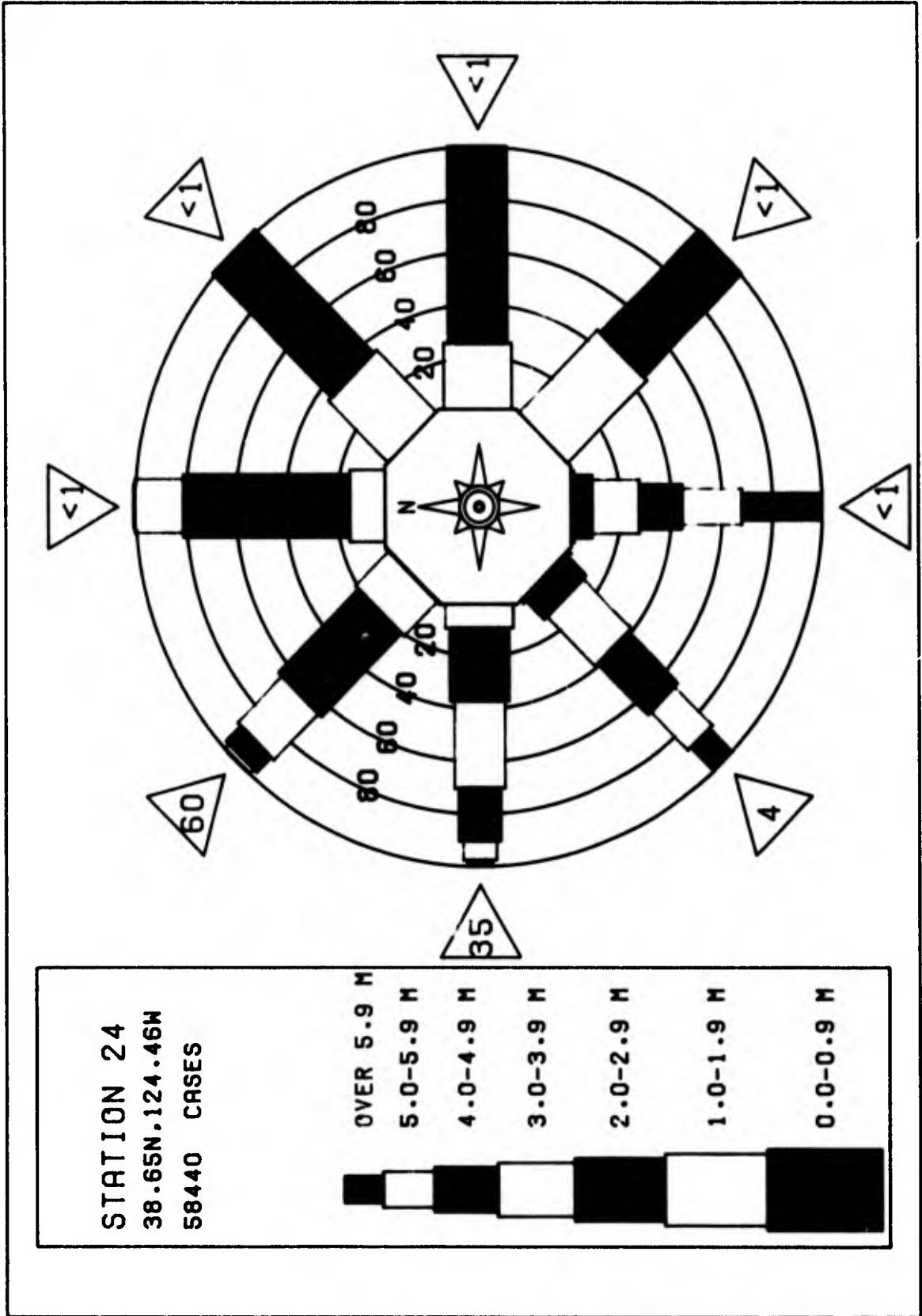
STATION 24 38.65N 124.46W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	232	17	44	3	6	1	..	..	..	..	17
1	301	316	44	3	6	1	..	..	..	..	17
2	..	747	1057	..	..	..	..	..	..	..	17
3	..	17	169	..	..	..	..	..	..	..	17
4	..	..	..	..	..	..	..	..	..	..	17
5	..	..	..	..	..	..	..	..	..	..	17
6	..	..	..	..	..	..	..	..	..	..	17
7	..	..	..	..	..	..	..	..	..	..	17
8	..	..	..	..	..	..	..	..	..	..	17
9	..	..	..	..	..	..	..	..	..	..	17
10	..	..	..	..	..	..	..	..	..	..	17
TOTAL	533	3669	1748	252	74	14	5	2	0	0	3690

MEAN HS(M) = 2.8 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.5 NO. OF CASES= 3690.

STATION 24 38.65N 124.46W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	7	10	17	28	53	43	4	4	.	.	36
0.1	126	295	429	677	874	506	100	7	.	.	339
0.2	161	352	519	877	1128	628	110	28	1	.	470
0.3	.	452	665	1043	1430	787	222	48	.	.	616
0.4	.	581	858	1324	1874	1000	344	77	.	.	833
0.5	.	721	1036	1524	2150	1200	444	95	.	.	1033
0.6	.	871	1204	1744	2474	1400	544	111	.	.	1211
0.7	.	1021	1394	1984	2824	1600	644	131	.	.	1401
0.8	.	1171	1584	2244	3174	1800	744	151	.	.	1591
0.9	.	1321	1774	2504	3524	2000	844	171	.	.	1781
1.0	.	1471	1964	2764	3874	2200	944	191	.	.	1971
10	294	1384	1488	1188	1781	2284	1339	209	1	0	58440
TOTAL											

MEAN HS(M)= 3.1 LARGEST HS(M)= 10.0 MEAN TP(SEC)= 10.7 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 WIS STATION 24 (38.65N 124.46W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
1996	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
1997	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
1998	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
1999	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2000	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2001	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2002	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2003	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2004	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2005	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2006	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2007	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2008	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2009	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2010	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2011	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2012	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2013	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2014	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2015	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2016	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2017	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2018	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2019	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2020	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2021	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2022	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2023	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9
2024	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	3.9

LARGEST HS(METRES) BY MONTH AND YEAR
 WIS STATION 24 (38.65N 124.46W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1996	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1997	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1998	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1999	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2000	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2001	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2002	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2003	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2004	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2005	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2006	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2007	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2008	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2009	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2010	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2011	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2012	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2013	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2014	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2015	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2016	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2017	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2018	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2019	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2020	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2021	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2022	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2023	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2024	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

20 YR. STATISTICS FOR PACIFIC STATION 24 (38.65N 124.46W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 203
 STANDARD DEVIATION OF HS(METRES)= 0.5
 STANDARD DEVIATION OF TP(SECONDS)= 1.5
 LARGEST HS(METRES)= 10.0
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.8
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 211
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 63013118

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	17	6	.	.	.	.	.	.	.	.	0
7.0-7.9	46	210	1	1	3	.	.	.	.	.	0
8.0-8.9	.	177	37	.	.	.	.	.	.	.	0
9.0-9.9	.	11	.	1	.	.	.	.	.	.	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
23.0-23.9	0
TOTAL	63	404	72	2	8	0	0	0	0	0	325.

MEAN HS(M) = 3.0 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 7.0 NO. OF CASES= 325.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
23.0-23.9	0
TOTAL	3	1	0	0	0	0	0	0	0	0	3.

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.9 NO. OF CASES= 3.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
23.0-23.9	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.8 NO. OF CASES= 1.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0-10.9	0
11.0-11.9	0
12.0-12.9	0
13.0-13.9	0
14.0-14.9	0
15.0-15.9	0
16.0-16.9	0
17.0-17.9	0
18.0-18.9	0
19.0-19.9	0
20.0-20.9	0
21.0-21.9	0
22.0-22.9	0
23.0-23.9	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0.

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0	4	0	0	0	0	0	0	0	0	0
TOTAL	0	4	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 6.7 NO. OF CASES= 3.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	1	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	6	2	0	0	0	1	0	0	0	0	0
TOTAL	6	2	0	0	0	1	0	0	0	0	0

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.0 NO. OF CASES= 7.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	3	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 1.8 LARGEST HS(M)= 1.8 MEAN TP(SEC)= 5.5 NO. OF CASES= 2.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	3	.	.	.	1	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	3	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	3	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	4	4	3	3	0	1	0	0	0	0	0
TOTAL	4	4	3	3	0	1	0	0	0	0	0

MEAN HS(M) = 3.8 LARGEST HS(M)= 6.9 MEAN TP(SEC)= 7.8 NO. OF CASES= 14.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
10.0-10.9																																
9.0-9.9																																
8.0-8.9																																
7.0-7.9																																
6.0-6.9																																
5.0-5.9																																
4.0-4.9																																
3.0-3.9																																
2.0-2.9																																
1.0-1.9																																
0.0-0.9																																
TOTAL	6	37	73	43	55	17	0	0	0	0	142																																
MEAN HS(M) =	5.5										LARGEST HS(M) =	8.7										MEAN TP(SEC) =	9.4										NO. OF CASES =	142.									

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
10.0-10.9																																
9.0-9.9																																
8.0-8.9																																
7.0-7.9																																
6.0-6.9																																
5.0-5.9																																
4.0-4.9																																
3.0-3.9																																
2.0-2.9																																
1.0-1.9																																
0.0-0.9																																
TOTAL	6	95	302	193	209	71	23	0	0	0	536																																
MEAN HS(M) =	5.3										LARGEST HS(M) =	10.1										MEAN TP(SEC) =	9.8										NO. OF CASES =	536.									

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
10.0-10.9																																
9.0-9.9																																
8.0-8.9																																
7.0-7.9																																
6.0-6.9																																
5.0-5.9																																
4.0-4.9																																
3.0-3.9																																
2.0-2.9																																
1.0-1.9																																
0.0-0.9																																
TOTAL	9	223	547	369	349	360	166	8	0	0	1200																																
MEAN HS(M) =	5.0										LARGEST HS(M) =	10.1										MEAN TP(SEC) =	10.3										NO. OF CASES =	1200.									

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
10.0-10.9																																
9.0-9.9																																
8.0-8.9																																
7.0-7.9																																
6.0-6.9																																
5.0-5.9																																
4.0-4.9																																
3.0-3.9																																
2.0-2.9																																
1.0-1.9																																
0.0-0.9																																
TOTAL	17	288	595	458	1000	1197	741	42	0	0	2552																																
MEAN HS(M) =	4.3										LARGEST HS(M) =	9.4										MEAN TP(SEC) =	11.3										NO. OF CASES =	2552.									

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	18	90	287	147	154	37	3	.	.	.	736
2.0-2.9	18	75	259	147	1009	924	183	.	.	.	3170
3.0-3.9	.	15	111	257	1132	2416	508	5	.	.	3010
4.0-4.9	.	.	109	329	377	1601	1489	41	.	.	3333
5.0-5.9	.	.	42	15	63	398	1110	119	.	.	1756
6.0-6.9	.	.	.	.	3	73	221	188	.	.	550
7.0-7.9	.	.	.	.	.	8	61	44	.	.	1137
8.0-8.9	.	.	.	.	.	1	1	10	.	.	16
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	36	262	847	1100	2716	5455	3997	497	0	0	8726.

MEAN HS(M) = 3.8 LARGEST HS(M)= 9.3 MEAN TP(SEC)= 12.3 NO. OF CASES= 8726.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	23	22	83					.	.	.	128
2.0-2.9	116	270	2186	1370	708	188	18	.	.	.	4874
3.0-3.9	85	379	1331	3057	5848	3254	539	18	.	.	1710
4.0-4.9	.	42	116	306	2660	2394	539	48	.	.	3341
5.0-5.9	.	.	54	114	473	2787	3265	226	.	.	2855
6.0-6.9	.	.	.	58	73	460	1347	248	.	.	2299
7.0-7.9	.	.	.	6	11	30	234	88	.	.	144
8.0-8.9	.	.	.	.	.	.	63	18	.	.	55
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	224	1065	3966	4951	9774	13113	7388	1348	0	0	24467.

MEAN HS(M) = 3.2 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 11.7 NO. OF CASES= 24467.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	30	18	8					.	.	.	56
2.0-2.9	886	1425	1694	463	184	41	.	11	.	.	4704
3.0-3.9	1208	4440	1988	2590	1252	301	.	3	.	.	12148
4.0-4.9	.	2144	475	296	1280	1180	66	11	3	.	5501
5.0-5.9	.	184	521	14	80	417	138	8	.	.	1480
6.0-6.9	.	.	112	15	3	29	137	10	.	.	330
7.0-7.9	.	.	5	.	.	1	13	25	.	.	626
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2124	8211	4805	3427	3081	1969	589	68	3	0	14200.

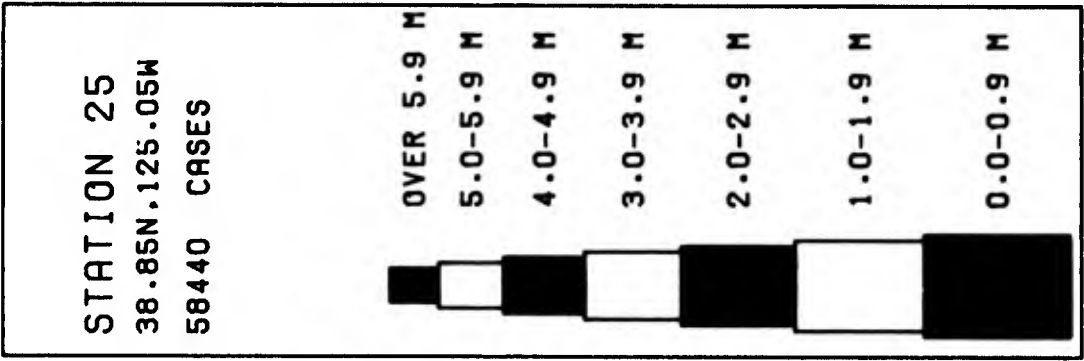
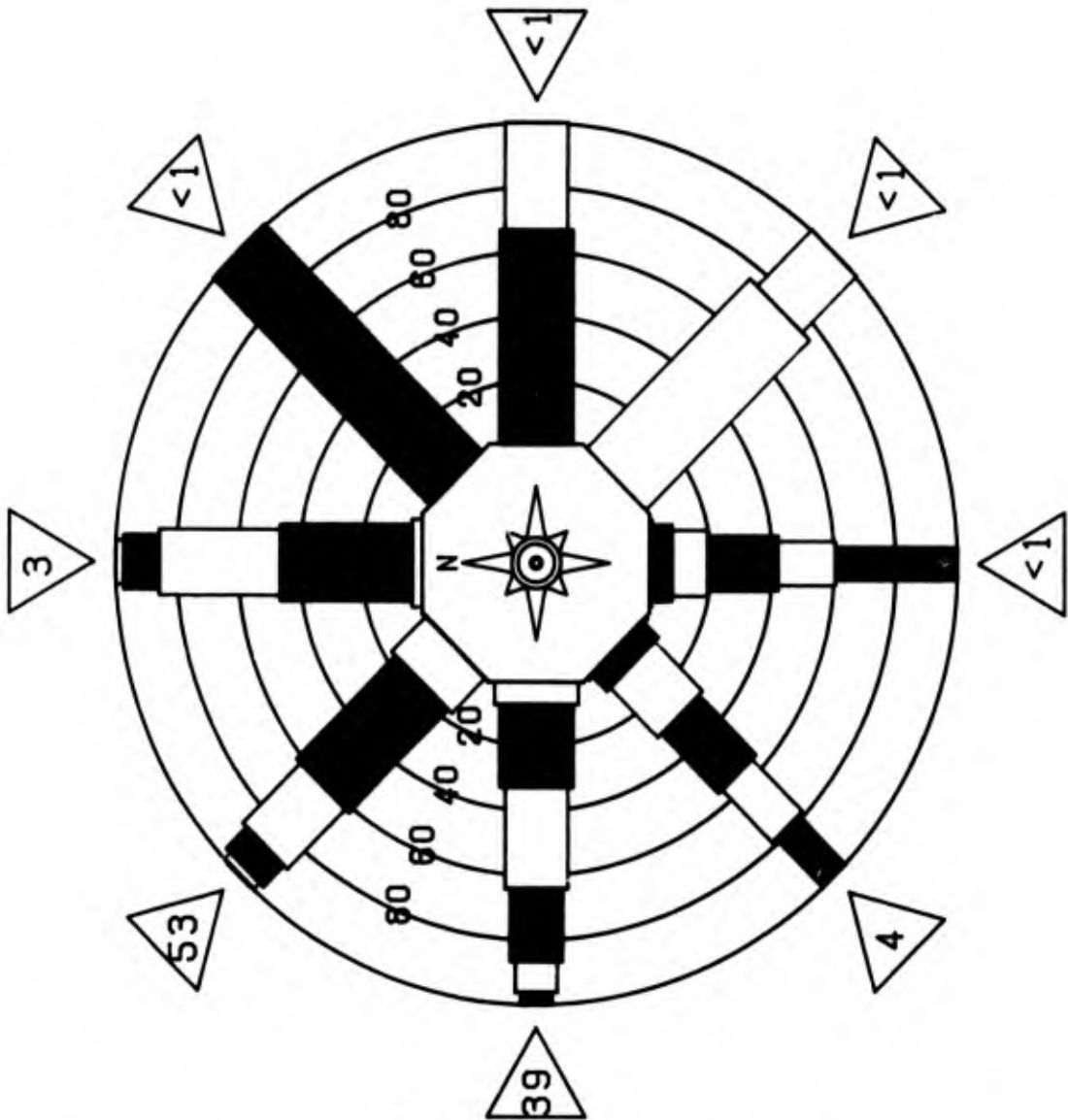
MEAN HS(M) = 2.6 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 8.7 NO. OF CASES= 14200.

STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	188	15	44					.	.	.	15
2.0-2.9	427	2033	304	78	41	3	3	.	.	.	4886
3.0-3.9	.	4023	289	30	47	25	5	1	8	.	3817
4.0-4.9	.	106	1076	65	15	39	5	.	.	.	1306
5.0-5.9	.	.	167	8	3	1	.	.	.	.	232
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	615	7361	2291	242	106	68	8	1	8	0	6262.

MEAN HS(M) = 3.1 LARGEST HS(M)= 6.5 MEAN TP(SEC)= 7.4 NO. OF CASES= 6262.

HEIGHT(METRES)	STATION 25 38.85N 125.05W FOR ALL DIRECTIONS										TOTAL									
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																			
	4.4-6.0		6.1-8.0		8.1-9.5		9.6-10.5		10.6-11.7		11.8-13.3		13.4-15.3		15.4-18.1		18.2-22.2		22.3- LONGER	
0																				
1																				
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
TOTAL																				
MEAN HS(M)=	3.2	LARGEST HS(M)= 10.1		MEAN TP(SEC)= 10.5		TOTAL CASES= 58440.														



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 25 (38.85N 125.05W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1955	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1956	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1957	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1958	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1959	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1960	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1961	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1962	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1963	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1964	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1965	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1966	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1967	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1968	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1969	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1970	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1971	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1972	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1973	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1974	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
1975	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	
MEAN	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	4.3	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 25 (38.85N 125.05W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1955	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1956	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1957	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1958	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1959	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1960	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1961	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1962	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1963	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1964	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1965	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1966	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1967	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1968	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1969	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1970	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1971	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1972	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1973	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1974	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
1975	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

20 YR. STATISTICS FOR PACIFIC STATION 25 (38.85N 125.05W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
MEAN PEAK WAVE PERIOD (SECONDS)=
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
STANDARD DEVIATION OF HS(METRES)=
STANDARD DEVIATION OF TP(SECONDS)=
LARGEST HS(METRES)=
TP (SECONDS) ASSOC. WITH THE LARGEST HS=
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2910.3
9.2
20.0
1.0
1.0
10.0
1.0
214.0
74011518

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	42	5	.	.	.	.	.	.	.	.	0
1	51	176	18	3	3	.	.	.	.	.	251
2	.	73	30	3	8	.	.	.	.	.	115
3	.	1	3	.	.	.	.	.	.	.	4
4	.	.	.	.	.	.	.	.	.	.	0
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	93	255	51	6	11	0	0	1	0	0	448

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.9 NO. OF CASES= 248.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	5	3	.	.	1	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	5	3	0	0	1	0	0	0	0	0	6

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 6.6 NO. OF CASES= 6.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	3	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 5.6 NO. OF CASES= 2.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	1	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.8 NO. OF CASES= 1.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	3	.	.	.	.	.	.	.	.	.	3
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	0	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.8 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 5.8 NO. OF CASES= 2.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	3	.	.	.	.	.	.	.	.	.	3
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	0	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 5.6 NO. OF CASES= 2.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	1
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1

MEAN HS(M) = 1.9 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 5.0 NO. OF CASES= 6.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	2
1.0-1.9	11	11	.	.	.	.	.	.	.	.	22
2.0-2.9	.	3	18	.	.	.	.	.	.	.	21
3.0-3.9	.	5	5	6	1	1	.	.	.	.	20
4.0-4.9	.	.	.	1	1	13	.	.	.	.	18
5.0-5.9	.	.	.	.	1	.	.	.	.	.	2
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12	20	24	7	26	18	0	0	0	0	69

MEAN HS(M) = 5.1 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 9.2 NO. OF CASES= 69.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	1	1	7	.	.	.	.	.	.	.	11
3.0-3.9	1	1	7	1	1	1	.	.	.	.	12
4.0-4.9	1	1	7	1	1	1	.	.	.	.	12
5.0-5.9	1	1	7	1	1	1	.	.	.	.	12
6.0-6.9	1	1	7	1	1	1	.	.	.	.	12
7.0-7.9	1	1	7	1	1	1	.	.	.	.	12
8.0-8.9	1	1	7	1	1	1	.	.	.	.	12
9.0-9.9	1	1	7	1	1	1	.	.	.	.	12
TOTAL	8	70	245	234	282	107	31	0	0	0	584

MEAN HS(M) = 5.3 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 10.1 NO. OF CASES= 584.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	10	1	4	.	.	.	.	.	.	.	16
2.0-2.9	1	1	4	1	1	1	.	.	.	.	11
3.0-3.9	1	1	4	1	1	1	.	.	.	.	11
4.0-4.9	1	1	4	1	1	1	.	.	.	.	11
5.0-5.9	1	1	4	1	1	1	.	.	.	.	11
6.0-6.9	1	1	4	1	1	1	.	.	.	.	11
7.0-7.9	1	1	4	1	1	1	.	.	.	.	11
8.0-8.9	1	1	4	1	1	1	.	.	.	.	11
9.0-9.9	1	1	4	1	1	1	.	.	.	.	11
TOTAL	11	252	487	352	446	409	211	13	0	0	1287

MEAN HS(M) = 4.6 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 10.5 NO. OF CASES= 1287.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL	
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	15	30	37	32	20	.	1	.	.	.	135
2.0-2.9	1	100	104	117	142	7	2	.	.	.	377
3.0-3.9	1	17	110	140	142	10	3	.	.	.	423
4.0-4.9	1	.	10	17	20	10	1	.	.	.	69
5.0-5.9	1	.	1	.	.	.	.	.	.	.	4
6.0-6.9	1	.	.	.	.	.	.	.	.	.	4
7.0-7.9	1	.	.	.	.	.	.	.	.	.	4
8.0-8.9	1	.	.	.	.	.	.	.	.	.	4
9.0-9.9	1	.	.	.	.	.	.	.	.	.	4
TOTAL	22	215	396	298	719	1095	767	64	0	0	2103

MEAN HS(M) = 4.1 LARGEST HS(M)= 9.0 MEAN TP(SEC)= 11.6 NO. OF CASES= 2103.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	3	10	150	142	30	8	.	.	.	13
1.0-1.9	23	35	26	150	91	245	242	.	.	.	641
2.0-2.9	.	41	152	150	171	1064	939	20	.	.	2968
3.0-3.9	.	63	156	171	246	245	939	47	.	.	3547
4.0-4.9	.	13	26	32	246	1021	1367	51	.	.	2776
5.0-5.9	.	.	17	5	63	270	720	116	.	.	1194
6.0-6.9	.	.	.	.	5	25	100	94	.	.	227
7.0-7.9	.	.	.	.	3	1	27	5	.	.	41
8.0-8.9	.	.	.	.	.	.	1	23	.	.	28
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	38	157	542	774	2190	4874	3404	356	0	0	7281

MEAN HS(M) = 3.6 LARGEST HS(M) = 8.8 MEAN TP(SEC) = 12.3 NO. OF CASES = 7281.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	18	41	109	175	8	1	.	.	.	.	177
1.0-1.9	109	316	273	323	1048	277	25	.	.	.	1879
2.0-2.9	92	246	129	175	261	385	703	22	.	.	3066
3.0-3.9	.	273	62	106	269	937	2700	227	.	.	4701
4.0-4.9	.	27	147	106	391	2821	3204	227	.	.	7104
5.0-5.9	.	.	35	65	80	424	1408	448	.	.	2460
6.0-6.9	.	.	.	10	10	25	213	297	.	.	555
7.0-7.9	.	.	.	.	.	.	42	39	.	.	81
8.0-8.9	.	.	.	.	.	.	3	8	.	.	11
9.0-9.9	.	.	.	.	.	.	.	10	.	.	10
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	219	903	4396	5459	10373	14338	8295	1501	0	0	26596

MEAN HS(M) = 3.1 LARGEST HS(M) = 9.3 MEAN TP(SEC) = 11.8 NO. OF CASES = 26596.

STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	30	32	13	55	1	47	3	13	.	.	76
1.0-1.9	867	1581	194	280	213	434	119	.	.	.	2763
2.0-2.9	1302	3761	231	280	1363	1231	184	10	.	.	5092
3.0-3.9	.	148	431	73	100	438	208	6	.	.	1404
4.0-4.9	.	.	78	34	15	22	116	20	.	.	285
5.0-5.9	.	.	.	11	3	.	3	18	.	.	36
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2199	7231	5233	3772	3439	2162	633	67	0	0	14470

MEAN HS(M) = 2.6 LARGEST HS(M) = 6.6 MEAN TP(SEC) = 8.9 NO. OF CASES = 14470.

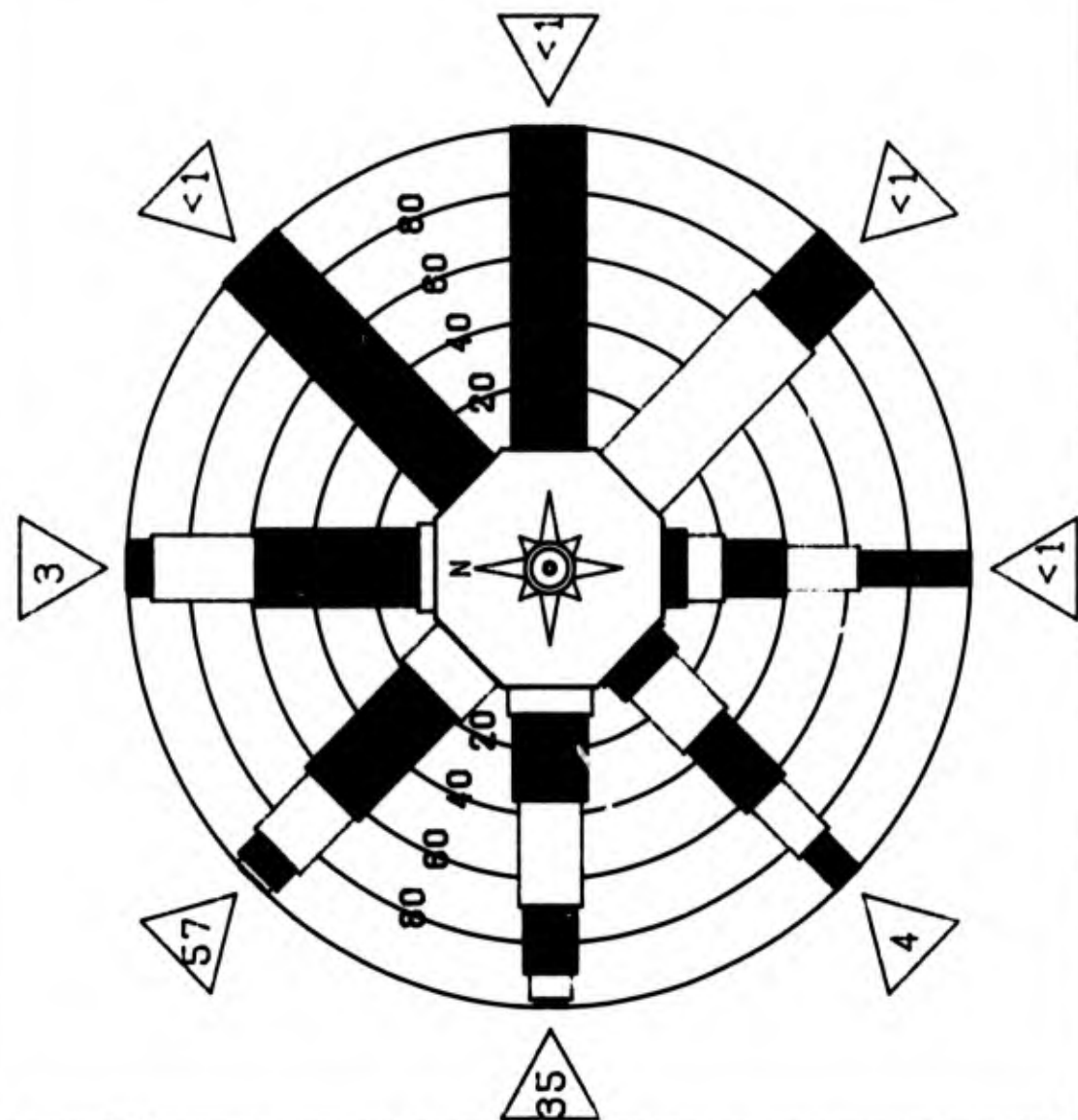
STATION 26 39.26N 124.81W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	280	15	22	3	.	1	.	.	.	.	12
1.0-1.9	616	309	22	82	46	1	.	.	.	.	112
2.0-2.9	.	393	21	82	47	5	.	1	6	.	507
3.0-3.9	.	234	77	118	15	32	5	1	.	.	377
4.0-4.9	.	135	70	17	.	.	.	.	.	.	279
5.0-5.9	.	.	80	.	.	.	.	.	.	.	97
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	896	6740	1756	282	108	84	10	2	6	0	5783

MEAN HS(M) = 2.9 LARGEST HS(M) = 5.8 MEAN TP(SEC) = 7.3 NO. OF CASES = 5783.

STATION 26 39 26N 124 81W FOR ALL DIRECTIONS										TOTAL	
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	4	9	13	1	1	1	1	1	1	1	27
1.0-1.9	133	226	500	243	143	35	3	3	3	3	18
2.0-2.9	214	831	424	677	903	544	100	100	100	100	70
3.0-3.9	..	475	161	95	541	1117	303	29	29	29	21
4.0-4.9	..	41	167	51	90	402	508	46	46	46	14
5.0-5.9	..	..	43	40	40	96	262	60	60	60	4
6.0-6.9	..	..	4	14	14	14	45	44	44	44	3
7.0-7.9	..	..	..	1	1	1	10	3	3	3	1
8.0-8.9	..	..	..	..	..	..	1	1	1	1	1
9.0-9.9	..	..	..	..	..	..	..	..	..	..	..
10.0+	..	..	..	..	..	..	..	..	..	..	..
TOTAL	351	1584	1312	1128	1760	2307	1334	197	0	0	58440

MEAN HS(M)= 3.1 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 10.6 TOTAL CASES= 58440.



STATION 26
39.26N.124.81W
5844C CASES

OVER 5.9 M	5.0-5.9 M	4.0-4.9 M	3.0-3.9 M	2.0-2.9 M	1.0-1.9 M	0.0-0.9 M
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MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 26 (39.26N 124.81W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
1996	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
1997	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
1998	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
1999	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2000	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2001	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2002	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2003	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2004	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2005	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2006	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2007	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2008	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2009	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2010	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2011	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2012	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2013	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2014	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2015	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2016	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2017	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2018	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2019	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
2020	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2
MEAN	4.0	3.9	3.6	3.3	2.7	2.5	2.4	2.2	2.2	2.8	3.6	4.1	3.2

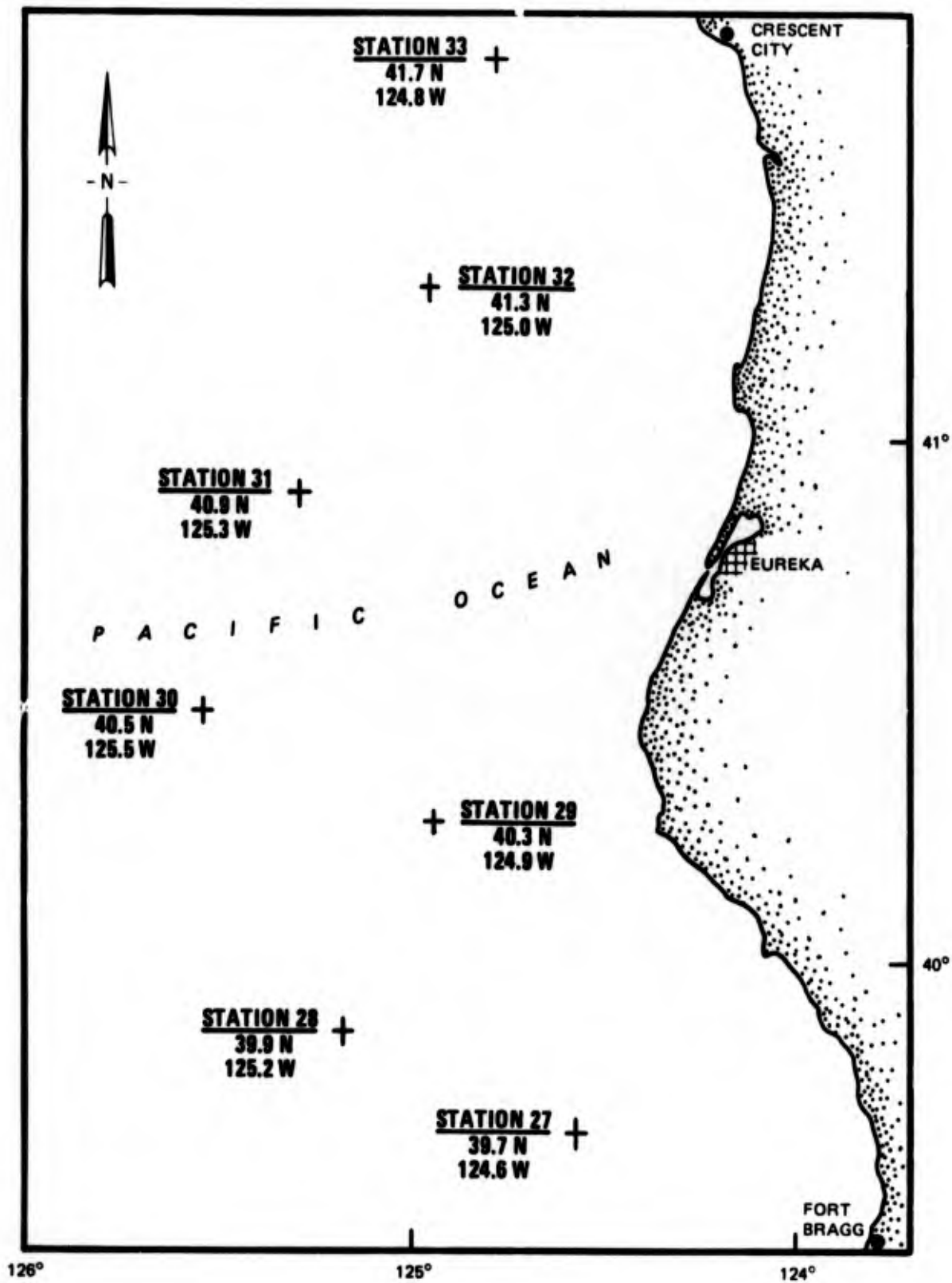
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 26 (39.26N 124.81W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1995	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1996	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1997	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1998	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1999	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2000	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2001	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2002	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2003	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2004	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2005	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2006	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2007	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2008	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2009	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2010	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2011	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2012	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2013	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2014	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2015	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2016	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2017	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2018	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2019	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
2020	6.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0

20 YR. STATISTICS FOR PACIFIC STATION 26 (39.26N 124.81W)

MEAN SIGNIFICANT WAVE HEIGHT (METRES) = 3.2
 MEAN PEAK WAVE PERIOD (SECONDS) = 11.4
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES) = 290
 STANDARD DEVIATION OF HS (METRES) = 0.6
 STANDARD DEVIATION OF TP (SECONDS) = 0.5
 LARGEST HS (METRES) = 7.4
 TP (SECONDS) ASSOC. WITH THE LARGEST HS = 10.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS = 310
 DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR) = 2007 11 21 15

APPENDIX D: STA 27 THROUGH 33



STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	150	71	25	11	11	0	3	1	0	0	147

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.6 NO. OF CASES= 140.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 5.3 NO. OF CASES= 5.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	5	0	1	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 6.3 NO. OF CASES= 4.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	1	0	0	0	0	0	0	0	0
TOTAL	1	0	1	0	0	0	0	0	0	0	2.

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 7.4 NO. OF CASES= 2.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	10	1	3	.	.	.	.	.	.	.	14
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	10	2	4	0	0	0	0	0	0	0	0
TOTAL	10	2	4	0	0	0	0	0	0	0	11.

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 6.6 NO. OF CASES= 11.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	3	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	0	0	0	0	0	0	0	0	5.

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.2 NO. OF CASES= 5.

STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 1.7 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 4.7 NO. OF CASES= 1.

STATION 27 39.67N 126.57W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	25	112	398	261	212	114	10	.	.	1	
1.0-1.9	30	68	323	881	1346	1683	251	.	.	1	
2.0-2.9	.	109	95	390	1351	3263	812	.	.	1	
3.0-3.9	.	15	111	61	417	1935	1700	23	.	1	
4.0-4.9	.	.	61	22	106	470	1096	76	.	1	
5.0-5.9	.	.	.	23	20	73	270	138	.	1	
6.0-6.9	.	.	.	1	6	10	46	34	.	1	
7.0-7.9	.	.	.	.	1	.	3	11	.	1
8.0-8.9	.	.	.	.	.	.	.	10	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	1
TOTAL	55	304	988	1640	3465	6963	4188	572	0	0	

MEAN HS(M) = 3.7 LARGEST HS(M)= 9.3 MEAN TP(SEC)= 12.1 NO. OF CASES= 10638.

STATION 27 39.67N 126.57W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	23	53	128	10	6	5	.	.	.	1	
1.0-1.9	138	585	335	1863	1046	217	18	.	.	1	
2.0-2.9	.	333	1716	3304	6221	3723	657	13	.	1	
3.0-3.9	.	337	109	102	2465	6047	2335	27	17	1	
4.0-4.9	.	41	186	102	438	2428	1186	308	.	1	
5.0-5.9	.	1	47	83	73	379	1190	431	.	1	
6.0-6.9	.	.	5	10	13	17	174	268	.	1	
7.0-7.9	.	.	.	.	1	1	52	75	.	1
8.0-8.9	.	.	.	.	.	.	18	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	1
TOTAL	354	1350	5556	5736	10262	12817	7618	1391	18	0	

MEAN HS(M) = 3.0 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 11.5 NO. OF CASES= 26369.

STATION 27 39.67N 126.57W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	25	46	15	15	179	44	.	.	.	1	
1.0-1.9	133	1784	1872	552	1656	55	6	6	.	1	
2.0-2.9	29	2091	2248	2855	1266	300	58	6	5	1	
3.0-3.9	.	1176	710	316	107	263	124	6	.	1	
4.0-4.9	.	131	278	107	71	18	23	3	.	1	
5.0-5.9	.	10	17	25	1	1	1	.	.	1	
6.0-6.9	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	1
TOTAL	2416	6040	5140	3856	3183	1400	292	15	5	0	

MEAN HS(M) = 2.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.7 NO. OF CASES= 13074.

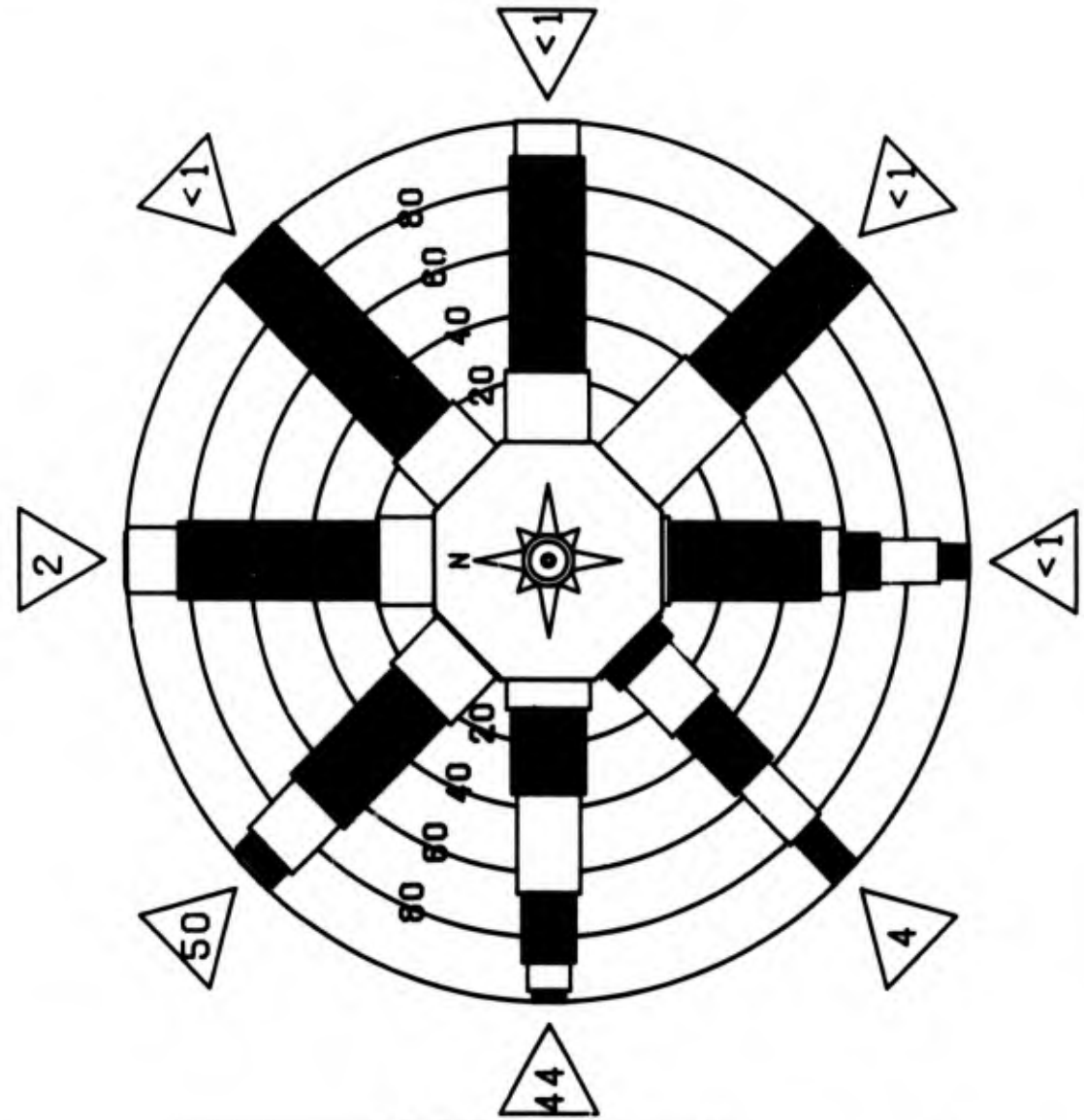
STATION 27 39.67N 126.57W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	453	11	11	3	.	.	.	.	.	1
1.0-1.9	1254	355	33	66	61	.	8	.	.	1	
2.0-2.9	70	2144	521	66	56	44	8	1	.	1	
3.0-3.9	.	527	711	66	3	6	.	.	.	1	
4.0-4.9	.	42	119	90	.	.	.	.	.	1
5.0-5.9	.	1	.	1	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	1
TOTAL	1777	3080	1364	226	120	50	8	1	0	0	

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.2 NO. OF CASES= 3881.

HEIGHT(METRES)	STATION 27 39.67N 124.57W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	4	11	14	1							30
1.0-1.9	178	290	572	271	143	33					1497
2.0-2.9	294	555	506	726	442	200					2507
3.0-3.9	10	237	190	137	56	10					1420
4.0-4.9		27	107	60	144	27					573
5.0-5.9		1	24	36	29	36					200
6.0-6.9			2	10	2	7					116
7.0-7.9				1	1	2					60
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	486	1121	1415	1242	1086	2326	1291	202	1	0	58440

MEAN HS(M)= 3.1 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 10.7 TOTAL CASES= 58440.



STATION 27
39.67N.124.57W
58440 CASES

OVER 5.9 M	5.0-5.9 M	4.0-4.9 M	3.0-3.9 M	2.0-2.9 M	1.0-1.9 M	0.0-0.9 M
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MEAN HS(METRES) BY MONTH AND YEAR
 WIS STATION 27 (39.67N 124.57W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1955														
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	4.1	4.1	3.7	3.2	2.7	2.4	2.3	2.1	2.1	2.8	3.7	4.2		

LARGEST HS(METRES) BY MONTH AND YEAR
 WIS STATION 27 (39.67N 124.57W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1955												
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 27 (39.67N 124.57W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 2% CENTER DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

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STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	200	706	45	14	13	0	0	3	1	0	579

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 6.8 NO. OF CASES= 579.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	8	14	1	0	1	2	0	0	0	0	18

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 7.4 NO. OF CASES= 18.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	0	1	0	0	0	0	0	0	0	8

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 6.0 NO. OF CASES= 8.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	1	4	0	0	1	0	0	0	0	6

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 8.5 NO. OF CASES= 6.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	3	1	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	1	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.1 NO. OF CASES= 3.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	8	1	.	.	.	.	.	.	.	.	0
2	.	5	.	.	.	.	.	.	.	.	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	8	6	0	0	0	0	0	0	0	0	9

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.2 NO. OF CASES= 9.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	.	.	.	.	.	.	.	.	.	.	0
1	1	.	.	.	.	.	.	.	.	.	0
2	6	.	.	.	.	.	.	.	.	.	0
3	.	.	.	.	.	.	.	.	.	.	0
4	.	.	.	.	.	.	.	.	.	.	0
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	0	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.6 NO. OF CASES= 5.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	3	.	.	.	.	.	.	.	.	.	0
2	.	13	.	.	.	.	.	.	.	.	0
3	.	6	.	.	.	3	.	.	.	.	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	4	19	0	0	0	3	0	0	0	0	17

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.2 NO. OF CASES= 17.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 100.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
1.0											
TOTAL	7	67	86	48	67	39	0	0	0	0	192

MEAN HS(M) = 5.4 LARGEST HS(M) = 9.4 MEAN TP(SEC) = 9.4 NO. OF CASES = 192.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
1.0											
TOTAL	13	213	459	302	263	137	54	1	0	0	856

MEAN HS(M) = 5.2 LARGEST HS(M) = 10.8 MEAN TP(SEC) = 9.7 NO. OF CASES = 856.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
1.0											
TOTAL	12	378	620	483	444	447	280	18	0	0	1581

MEAN HS(M) = 4.7 LARGEST HS(M) = 10.5 MEAN TP(SEC) = 10.3 NO. OF CASES = 1581.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (METRES)	PEAK PERIOD (SECONDS)									TOTAL	
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
0.1											
0.2											
0.3											
0.4											
0.5											
0.6											
0.7											
0.8											
0.9											
1.0											
TOTAL	31	244	388	353	805	1356	963	85	0	0	2484

MEAN HS(M) = 4.0 LARGEST HS(M) = 9.3 MEAN TP(SEC) = 11.7 NO. OF CASES = 2484.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.1-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	41	204	648	1188	2648	5819	3758	531	0	0	8684

MEAN HS(M) = 3.6 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 12.3 NO. OF CASES= 8684.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.1-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	257	1001	4877	5529	9975	13073	7548	1350	19	0	25511

MEAN HS(M) = 3.1 LARGEST HS(M)= 9.0 MEAN TP(SEC)= 11.6 NO. OF CASES= 25511.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.1-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	2404	6020	4218	3284	3091	1635	499	37	5	0	12397

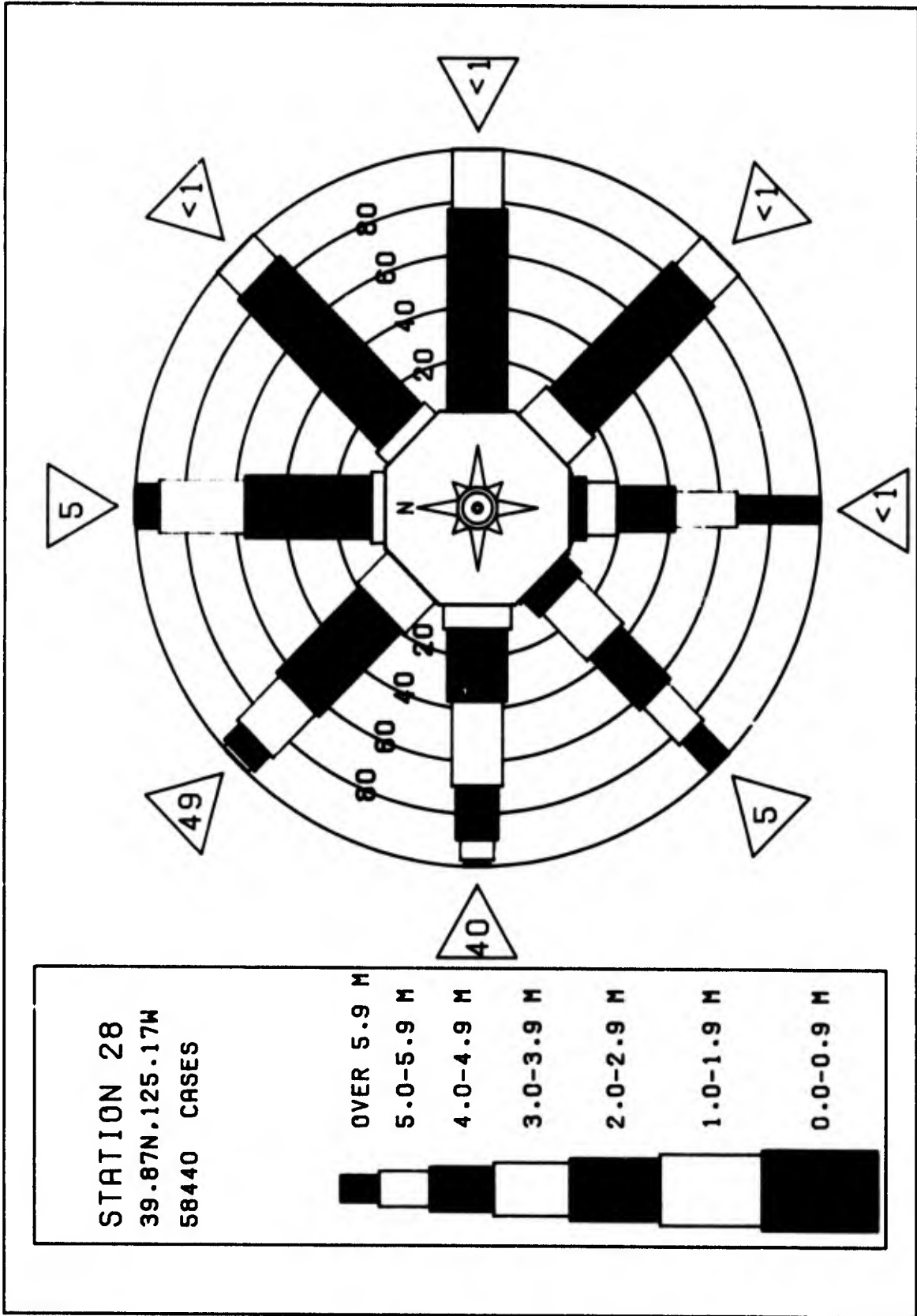
MEAN HS(M) = 2.6 LARGEST HS(M)= 6.6 MEAN TP(SEC)= 8.8 NO. OF CASES= 12397.

STATION 28 39.87N 125.17W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.1-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	1308	6952	1536	317	169	99	19	1	3	0	6090

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 7.2 NO. OF CASES= 6090.

HEIGHT(METRES)	STATION 28 39.87N 125.17W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	3	8	10								21
1.0-1.9	154	202	493	234	131	30	4				1249
2.0-2.9	274	796	413	675	907	502	99				3675
3.0-3.9		515	117	115	529	1100	374				2761
4.0-4.9		59	184	42	110	500	203				1461
5.0-5.9		2	61	48	33	94	253				522
6.0-6.9			9	32	20	21	48				177
7.0-7.9				5	3	4	3				12
8.0-8.9											8
9.0-9.9											1
10.0+						1					1
TOTAL	431	1562	1287	1151	1745	2259	1309	200	2	0	58440
MEAN HS(M)=	3.2	LARGEST HS(M)= 10.8			MEAN TP(SEC)= 10.5			TOTAL CASES=			58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 28 (39.87N 125.17W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1957	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1958	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1959	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1960	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1961	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1962	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1963	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1964	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1965	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1966	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1967	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1968	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1969	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1970	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1971	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1972	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1973	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1974	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
1975	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2
MEAN	4.1	4.0	3.7	3.3	2.7	2.5	2.4	2.2	2.2	2.9	3.7	4.2	3.2

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 28 (39.87N 125.17W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1957	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1958	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1959	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1960	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1961	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1962	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1963	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1964	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1965	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1966	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1967	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1968	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1969	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1970	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1971	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1972	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1973	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1974	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5
1975	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5

20 YR. STATISTICS FOR PACIFIC STATION 28 (39.87N 125.17W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	1.3
MEAN PEAK WAVE PERIOD (SECONDS)=	10.6
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	1.8
LARGEST HS(METRES)=	12.5
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	20.5
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	74.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	1975

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9	138	32	.	.	.	.	.	.	.	.	170
3.0-3.9	219	118	41	11	3	.	5	.	.	.	397
4.0-4.9	29	11	11	8	.	.	.	1	.	.	60
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	386	161	53	19	3	0	5	1	0	0	371.

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.4 NO. OF CASES= 371.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9	20	1	.	.	.	.	.	.	.	.	30
3.0-3.9	27	5	1	.	5	.	.	1	.	.	50
4.0-4.9	5	.	.	.	.	.	.	.	.	.	10
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	52	6	1	0	5	0	0	1	0	0	40.

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 6.3 NO. OF CASES= 40.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9	3	.	.	.	.	.	.	.	.	.	3
3.0-3.9	1	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	0	0	0	0	0	0	0	0	0	3.

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 5.7 NO. OF CASES= 3.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9	3	.	.	.	.	.	.	.	.	.	3
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	0	0	0	0	0	0	0	0	0	2.

MEAN HS(M) = 2.8 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 5.8 NO. OF CASES= 2.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	.	.	.	.	.	.	.	.	.	5
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	5	0	0	0	0	0	0	0	0	0	5
TOTAL	5	0	0	0	0	0	0	0	0	0	5
MEAN HS(M) = 2.4	LARGEST HS(M)= 2.8		MEAN TP(SEC)= 5.4		NO. OF CASES= 3.						

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	1
1.0-1.9	11	5	.	.	.	.	.	.	.	.	16
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	11	6	1	0	0	0	0	0	0	0	18
MEAN HS(M) = 2.6	LARGEST HS(M)= 3.7		MEAN TP(SEC)= 6.0		NO. OF CASES= 12.						

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	.	.	.	.	.	.	.	.	.	10
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	10	0	0	0	0	0	0	0	0	0	10
MEAN HS(M) = 2.2	LARGEST HS(M)= 2.5		MEAN TP(SEC)= 5.3		NO. OF CASES= 6.						

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	4	0	0	0	0	0	0	0	0	0	4
MEAN HS(M) = 2.3	LARGEST HS(M)= 2.5		MEAN TP(SEC)= 5.5		NO. OF CASES= 3.						

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.1	1	.	.	.	.	.	.	.	.	.	0
0.1-0.2	11	5	3	.	.	.	.	.	.	.	19
0.2-0.3	1	8	3	.	.	.	.	.	.	.	12
0.3-0.4	.	.	1	3	.	.	.	.	.	.	4
0.4-0.5	.	.	.	.	.	.	.	.	.	.	0
0.5-0.6	.	.	.	.	.	.	.	.	.	.	0
0.6-0.7	.	.	.	.	.	.	.	.	.	.	0
0.7-0.8	.	.	.	.	.	.	.	.	.	.	0
0.8-0.9	.	.	.	.	.	.	.	.	.	.	0
0.9-1.0	.	.	.	.	.	.	.	.	.	.	0
1.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	13	7	4	0	0	0	0	0	0	25

MEAN HS(M) = 3.3 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.9 NO. OF CASES= 25.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.1	0
0.1-0.2	13	25	13	.	1	.	.	.	.	.	49
0.2-0.3	.	37	44	10	15	1	.	.	.	.	107
0.3-0.4	.	17	77	50	35	10	3	.	.	.	198
0.4-0.5	.	1	20	44	70	22	.	.	.	.	127
0.5-0.6	.	.	1	8	11	25	1	.	.	.	38
0.6-0.7	6	.	.	.	.	6
0.7-0.8	0
0.8-0.9	0
0.9-1.0	0
1.0+	0
TOTAL	13	77	156	118	222	91	5	0	0	0	408

MEAN HS(M) = 4.9 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 9.9 NO. OF CASES= 408.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.1	13	.	5	.	.	.	.	.	.	.	18
0.1-0.2	13	34	34	20	11	1	.	.	.	.	118
0.2-0.3	3	112	106	51	181	130	8	1	.	.	445
0.3-0.4	.	58	244	77	181	152	29	6	.	.	690
0.4-0.5	.	5	111	157	179	109	51	5	.	.	640
0.5-0.6	.	.	18	61	53	70	23	1	.	.	276
0.6-0.7	.	.	.	23	10	20	17	.	.	.	170
0.7-0.8	.	.	.	3	5	6	11	.	.	.	50
0.8-0.9	.	.	.	.	1	8	3	.	.	.	22
0.9-1.0	.	.	.	.	.	.	.	.	.	.	12
1.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	27	209	518	392	653	578	201	7	0	0	1524

MEAN HS(M) = 5.1 LARGEST HS(M)= 11.5 MEAN TP(SEC)= 10.6 NO. OF CASES= 1524.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.1	6	54	90	70	29	.	.	.	.	.	249
0.1-0.2	32	61	207	205	164	65	11	.	.	.	750
0.2-0.3	.	142	119	254	352	270	66	5	.	.	1227
0.3-0.4	.	32	188	77	167	586	210	6	.	.	1567
0.4-0.5	.	1	88	97	167	408	323	8	.	.	1092
0.5-0.6	.	.	17	44	78	207	222	41	.	.	609
0.6-0.7	.	.	.	3	37	63	47	13	.	.	163
0.7-0.8	.	.	.	1	6	15	13	.	.	.	35
0.8-0.9	.	.	.	.	1	8	.	.	.	.	9
0.9-1.0	.	.	.	.	.	.	.	.	.	.	7
1.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	38	290	709	751	1441	2002	893	84	0	0	3644

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 11.4 NO. OF CASES= 3644.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	143	6	367	171	63	1	1	.	.	7
1.0-1.9	26	130	50	1006	1204	10	244	29	.	.	1281
2.0-2.9	1	11	16	418	1277	10	809	29	15	.	2443
3.0-3.9	.	.	16	68	1204	10	707	99	.	.	2706
4.0-4.9	.	.	63	17	1277	10	170	220	.	.	4609
5.0-5.9	.	.	10	17	1513	17	301	87	.	.	2144
6.0-6.9	.	.	10	.	173	17	23	5	.	.	138
7.0-7.9	.	.	10	.	.	.	6	15	.	.	17
8.0-8.9	.	.	10	.	.	.	.	.	.	.	15
9.0-9.9	.	.	10	.	.	.	.	.	.	.	0
TOTAL	58	357	1294	1973	3901	7085	4261	667	15	0	11476

MEAN HS(M) = 3.7 LARGEST HS(M)= 9.8 MEAN TP(SEC)= 12.0 NO. OF CASES= 11476.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	41	37	12	30	1	1	1	.	.	.	202
1.0-1.9	159	104	11	320	220	16	17	.	.	.	635
2.0-2.9	1	1	1	10	4	1	1	1	1	.	159
3.0-3.9	1	1	1	10	4	1	1	1	1	.	116
4.0-4.9	1	1	1	10	4	1	1	1	1	.	406
5.0-5.9	1	1	1	10	4	1	1	1	1	.	2064
6.0-6.9	1	1	1	10	4	1	1	1	1	.	549
7.0-7.9	1	1	1	10	4	1	1	1	1	.	82
8.0-8.9	1	1	1	10	4	1	1	1	1	.	18
9.0-9.9	1	1	1	10	4	1	1	1	1	.	0
TOTAL	454	1355	5504	5492	9325	11480	7270	1325	33	0	24700

MEAN HS(M) = 3.1 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 11.5 NO. OF CASES= 24700.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	29	34	1	38	116	35	3	3	.	.	64
1.0-1.9	1486	113	18	287	1114	301	106	6	6	.	4556
2.0-2.9	51	11	1	34	1081	249	72	3	.	.	1949
3.0-3.9	1	1	1	1	1	1	1	1	.	.	328
4.0-4.9	1	1	1	1	1	1	1	1	.	.	781
5.0-5.9	1	1	1	1	1	1	1	1	.	.	87
6.0-6.9	1	1	1	1	1	1	1	1	.	.	1000
7.0-7.9	1	1	1	1	1	1	1	1	.	.	0
8.0-8.9	1	1	1	1	1	1	1	1	.	.	0
9.0-9.9	1	1	1	1	1	1	1	1	.	.	0
TOTAL	2625	4966	4257	3480	2994	1339	284	13	6	0	11680

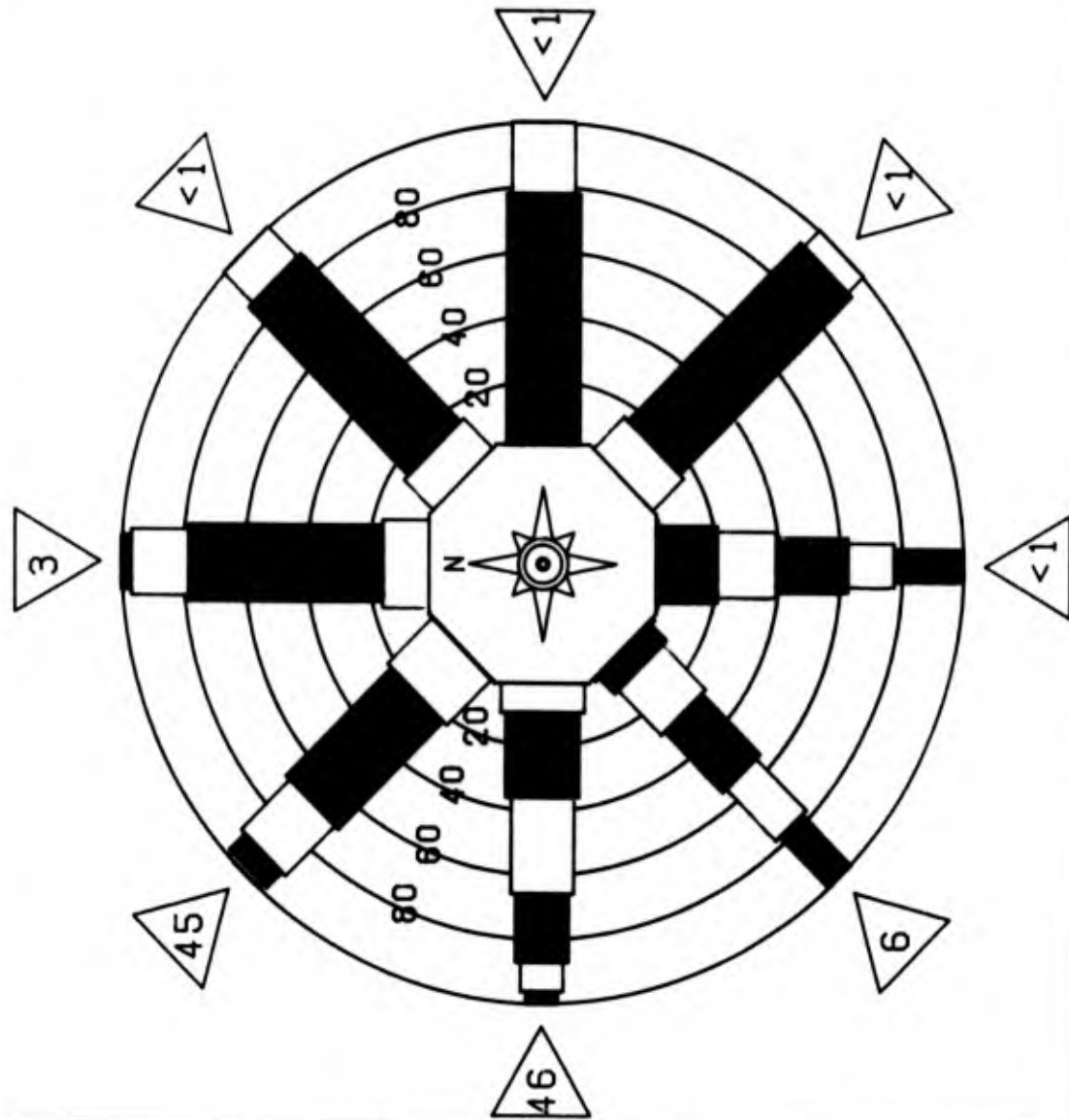
MEAN HS(M) = 2.5 LARGEST HS(M)= 6.2 MEAN TP(SEC)= 8.7 NO. OF CASES= 11680.

STATION 29 40.28N 124.93W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

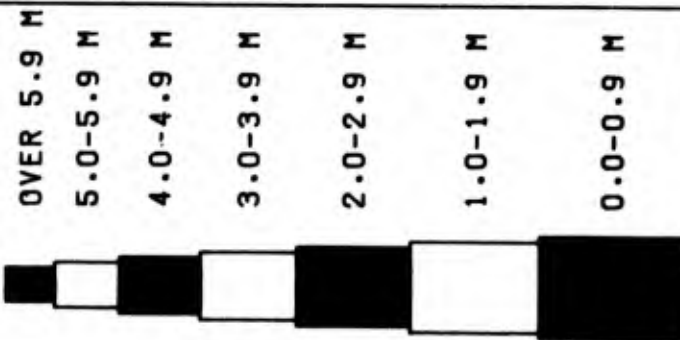
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	549	323	18	6	1	.	.	.	.	.	3
1.0-1.9	1351	275	439	136	103	.	.	.	.	.	900
2.0-2.9	61	80	64	41	136	15	8	1	.	.	4750
3.0-3.9	1	1	1	1	1	1	1	1	.	.	1777
4.0-4.9	1	1	1	1	1	1	1	1	.	.	322
5.0-5.9	1	1	1	1	1	1	1	1	.	.	6000
6.0-6.9	1	1	1	1	1	1	1	1	.	.	0
7.0-7.9	1	1	1	1	1	1	1	1	.	.	0
8.0-8.9	1	1	1	1	1	1	1	1	.	.	0
9.0-9.9	1	1	1	1	1	1	1	1	.	.	0
TOTAL	1961	3874	1381	227	256	50	8	1	0	0	4543

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.1 NO. OF CASES= 4543.

STATION 29 40.28N 124.93W FOR ALL DIRECTIONS										TOTAL	
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	7	7	13	5	4	2	2	1	.	.	27
1.0-1.9	207	251	537	247	113	26	1	1	.	.	1384
2.0-2.9	318	521	434	224	624	472	6	4	3	.	3617
3.0-3.9	15	270	175	157	579	1005	328	24	2	.	2555
4.0-4.9	.	20	139	88	144	544	514	48	.	.	1457
5.0-5.9	.	1	56	50	63	144	265	59	.	.	618
6.0-6.9	.	.	3	14	41	47	12	15	.	.	238
7.0-7.9	.	.	.	2	11	17	5	1	.	.	57
8.0-8.9	.	.	.	.	2	4	1	1	.	.	13
9.0-9.9	.	.	.	.	.	1	1	.	.	.	0
TOTAL	567	1130	1357	1244	1877	2260	1291	206	5	0	
MEAN HS(M)=	3.2		LARGEST HS(M)= 11.5		MEAN TP(SEC)= 10.6		TOTAL CASES= 58440.				



STATION 29
 40.28N.124.93W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 29 (40.28N 124.93W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	4.3	4.1	3.7	3.3	2.7	2.4	2.3	2.1	2.1	2.9	3.8	4.4		

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 29 (40.28N 124.93W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 29 (40.28N 124.93W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

74011515

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	11	37	.	.	.	.	.	.	.	.	0
1	21	90	13	15	11	.	3	.	3	.	15
2	.	87	21	10	13	1	3	.	.	.	15
3	.	58	10	8	6	.	.	.	.	.	15
4	.	.	7	3	.	.	.	.	.	.	15
5	.	.	.	.	.	.	.	.	.	.	15
6	.	.	.	.	.	.	.	.	.	.	15
7	.	.	.	.	.	.	.	.	.	.	15
8	.	.	.	.	.	.	.	.	.	.	15
9	.	.	.	.	.	.	.	.	.	.	15
10	.	.	.	.	.	.	.	.	.	.	15
TOTAL	329	1865	423	44	30	2	6	3	3	0	1588

MEAN HS(M) = 3.1 LARGEST HS(M)= 6.3 MEAN TP(SEC)= 7.2 NO. OF CASES= 1588.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	.	.	.	.	.	.	.	.	.	.	0
1	1	3	1	.	.	1	.	.	.	.	4
2	1	4	.	.	.	.	.	3	.	.	4
3	.	5	.	.	.	.	.	.	.	.	5
4	.	.	.	.	.	.	.	.	.	.	5
5	.	.	.	.	.	.	.	.	.	.	5
6	.	.	.	.	.	.	.	.	.	.	5
7	.	.	.	.	.	.	.	.	.	.	5
8	.	.	.	.	.	.	.	.	.	.	5
9	.	.	.	.	.	.	.	.	.	.	5
10	.	.	.	.	.	.	.	.	.	.	5
TOTAL	12	77	1	0	0	1	0	3	0	0	58

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 7.2 NO. OF CASES= 58.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	.	.	1	.	.	.	.	.	.	.	0
1	15	3	.	.	3	.	.	.	.	.	21
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	15	3	1	0	3	0	0	0	0	0	14

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.7 NO. OF CASES= 14.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	1	.	.	.	.	.	.	.	.	.	1
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1

MEAN HS(M) = 1.9 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 5.5 NO. OF CASES= 1.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	8	3	.	.	.	.	.	.	.	.	11
2.0-2.9	.	6	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	8	9	0	0	0	0	0	0	0	0	11

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 6.2 NO. OF CASES= 11.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	8	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	9	0	0	0	0	0	0	0	0	6

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.4 NO. OF CASES= 6.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	8	3	.	.	.	.	.	.	.	.	11
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	8	4	0	0	0	0	0	0	0	0	8

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 6.0 NO. OF CASES= 8.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	18	3	.	.	5	.	.	.	.	27
3.0-3.9	.	11	.	.	.	.	.	.	.	.	0
4.0-4.9	.	1	3	.	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	31	6	0	0	5	0	0	0	0	27

MEAN HS(M) = 3.0 LARGEST HS(M)= 5.5 MEAN TP(SEC)= 7.6 NO. OF CASES= 27.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 189.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1
TOTAL	9	85	129	67	73	56	7	0	0	0	259

MEAN HS(M) = 5.5 LARGEST HS(M) = 10.4 MEAN TP(SEC) = 9.5 NO. OF CASES = 259.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1
TOTAL	10	212	500	348	320	118	74	1	0	0	949

MEAN HS(M) = 5.3 LARGEST HS(M) = 11.2 MEAN TP(SEC) = 9.8 NO. OF CASES = 949.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1
TOTAL	32	322	704	497	619	587	373	25	0	0	1862

MEAN HS(M) = 4.7 LARGEST HS(M) = 10.9 MEAN TP(SEC) = 10.5 NO. OF CASES = 1862.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1
TOTAL	17	254	445	518	1001	1517	988	116	0	0	2851

MEAN HS(M) = 4.0 LARGEST HS(M) = 9.9 MEAN TP(SEC) = 11.7 NO. OF CASES = 2851.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	25	106	414	342	246	51	1	0	0	0	119
1.0-1.9	18	41	229	267	190	10	1	0	0	0	127
2.0-2.9	0	97	71	266	96	17	1	0	0	0	122
3.0-3.9	0	15	32	34	90	13	1	0	0	0	122
4.0-4.9	0	0	0	5	203	32	1	0	0	0	127
5.0-5.9	0	0	0	0	20	25	1	0	0	0	127
6.0-6.9	0	0	0	0	1	75	20	0	0	0	100
7.0-7.9	0	0	0	0	0	1	0	0	0	0	1
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	43	259	824	1404	2751	5683	3702	512	0	0	8865

MEAN HS(M) = 3.6 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 12.2 NO. OF CASES= 8865.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	41	135	172	82	18	27	0	0	0	106
1.0-1.9	165	56	304	326	277	105	19	0	0	0	1074
2.0-2.9	70	44	165	433	300	174	39	0	0	0	1074
3.0-3.9	0	200	155	121	430	227	67	0	0	0	1074
4.0-4.9	0	18	51	83	107	376	111	0	0	0	1074
5.0-5.9	0	0	0	13	20	77	21	0	0	0	1074
6.0-6.9	0	0	0	0	0	0	11	0	0	0	11
7.0-7.9	0	0	0	0	0	0	2	0	0	0	2
8.0-8.9	0	0	0	0	0	0	3	0	0	0	3
9.0-9.9	0	0	0	0	0	0	20	0	0	0	20
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	250	1067	5174	5633	9376	12264	7466	1399	43	0	24951

MEAN HS(M) = 3.1 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 11.6 NO. OF CASES= 24951.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	61	23	13	44	17	3	0	0	0	0	97
1.0-1.9	988	1157	1672	2416	1786	322	3	0	0	0	4450
2.0-2.9	1192	1027	1670	2618	1076	342	77	0	0	0	4692
3.0-3.9	0	70	233	17	59	246	177	0	10	0	3622
4.0-4.9	0	0	56	5	1	15	107	0	0	0	3622
5.0-5.9	0	0	0	0	0	0	6	0	0	0	6
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2233	4427	3769	3158	3099	1636	546	33	13	0	11066

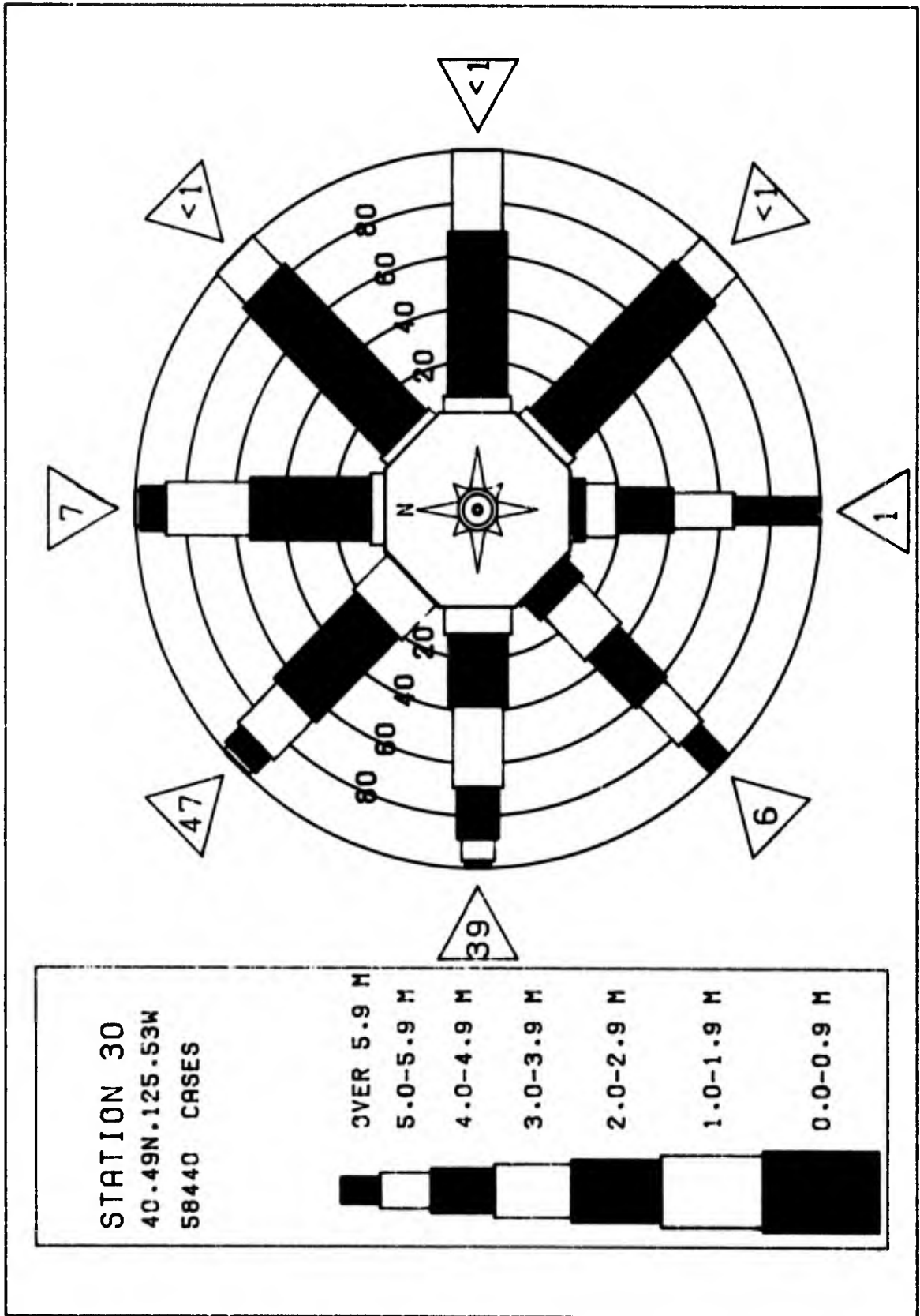
MEAN HS(M) = 2.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 9.0 NO. OF CASES= 11066.

STATION 30 40.49N 125.53W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	525	133	23	8	1	0	0	0	0	0	13
1.0-1.9	1019	289	200	188	82	0	0	0	0	0	827
2.0-2.9	0	4074	222	39	140	0	17	0	0	0	4530
3.0-3.9	0	2166	516	10	20	75	6	0	0	0	2827
4.0-4.9	0	227	85	1	6	47	0	0	0	0	304
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1544	6772	1125	244	251	125	28	0	0	0	5904

MEAN HS(M) = 2.8 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 7.1 NO. OF CASES= 5904.

STATION 30 40.49N 125.53W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	7	7	15	25	12	28	4	3	.	.	1
1	184	218	523	676	920	458	177	70	3	.	13
2	260	764	405	129	489	1052	273	20	1	.	22
3	.	490	88	41	117	486	177	4	.	.	20
4	.	59	184	46	23	107	55	4	.	.	16
5	.	1	85	32	18	32	50	4	.	.	16
6	.	.	8	7	4	5	4	.	.	.	16
7	.	.	.	.	.	1	.	.	.	.	16
8	.	.	.	.	.	.	.	.	.	.	16
9	.	.	.	.	.	.	.	.	.	.	16
10	.	.	.	.	.	.	.	.	.	.	16
10+	.	.	.	.	.	.	.	.	.	.	16
TOTAL	451	1539	1308	1189	1750	2199	1317	208	4	0	58440
MEAN HS(M)=	3.2	LARGEST HS(M)= 11.2			MEAN TP(SEC)= 10.5			TOTAL CASES= 58440.			



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 30 (40.49N 125.53W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	5.1	4.5	3.8	3.2	2.8	2.5	2.4	2.1	2.2	2.9	3.8	4.3	4.2
1957	5.2	4.6	3.9	3.3	2.9	2.6	2.5	2.2	2.3	3.0	3.9	4.4	4.3
1958	5.3	4.7	4.0	3.4	3.0	2.7	2.6	2.3	2.4	3.1	4.0	4.5	4.4
1959	5.4	4.8	4.1	3.5	3.1	2.8	2.7	2.4	2.5	3.2	4.1	4.6	4.5
1960	5.5	4.9	4.2	3.6	3.2	2.9	2.8	2.5	2.6	3.3	4.2	4.7	4.6
1961	5.6	5.0	4.3	3.7	3.3	3.0	2.9	2.6	2.7	3.4	4.3	4.8	4.7
1962	5.7	5.1	4.4	3.8	3.4	3.1	3.0	2.7	2.8	3.5	4.4	4.9	4.8
1963	5.8	5.2	4.5	3.9	3.5	3.2	3.1	2.8	2.9	3.6	4.5	5.0	4.9
1964	5.9	5.3	4.6	4.0	3.6	3.3	3.2	2.9	3.0	3.7	4.6	5.1	5.0
1965	6.0	5.4	4.7	4.1	3.7	3.4	3.3	3.0	3.1	3.8	4.7	5.2	5.1
1966	6.1	5.5	4.8	4.2	3.8	3.5	3.4	3.1	3.2	3.9	4.8	5.3	5.2
1967	6.2	5.6	4.9	4.3	3.9	3.6	3.5	3.2	3.3	4.0	4.9	5.4	5.3
1968	6.3	5.7	5.0	4.4	4.0	3.7	3.6	3.3	3.4	4.1	5.0	5.5	5.4
1969	6.4	5.8	5.1	4.5	4.1	3.8	3.7	3.4	3.5	4.2	5.1	5.6	5.5
1970	6.5	5.9	5.2	4.6	4.2	3.9	3.8	3.5	3.6	4.3	5.2	5.7	5.6
1971	6.6	6.0	5.3	4.7	4.3	4.0	3.9	3.6	3.7	4.4	5.3	5.8	5.7
1972	6.7	6.1	5.4	4.8	4.4	4.1	4.0	3.7	3.8	4.5	5.4	5.9	5.8
1973	6.8	6.2	5.5	4.9	4.5	4.2	4.1	3.8	3.9	4.6	5.5	6.0	5.9
1974	6.9	6.3	5.6	5.0	4.6	4.3	4.2	3.9	4.0	4.7	5.6	6.1	6.0
1975	7.0	6.4	5.7	5.1	4.7	4.4	4.3	4.0	4.1	4.8	5.7	6.2	6.1
MEAN	4.2	4.0	3.7	3.3	2.7	2.5	2.4	2.1	2.2	2.9	3.8	4.3	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 30 (40.49N 125.53W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MEAN	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

20 YR. STATISTICS FOR PACIFIC STATION 30 (40.49N 125.53W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

74011515

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	259	1274	179	5	14	1	4	1	0	0	1022

MEAN HS(M) = 2.9 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 6.9 NO. OF CASES= 1022.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	12	48	1	0	0	0	0	0	0	0	36

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.6 NO. OF CASES= 36.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	2	0	3	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 7.4 NO. OF CASES= 4.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	6	0	0	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 5.6 NO. OF CASES= 4.

STATION 31 40.90N 125.20W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0	0
1	1	1	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	1	0	0	0	0	0	0	0	0	2.

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 5.8 NO. OF CASES= 2.

STATION 31 40.90N 125.20W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0	0
1	3	1	1	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	1	1	0	0	0	0	0	0	0	4.

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 6.8 NO. OF CASES= 4.

STATION 31 40.90N 125.20W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0	0
1	6	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	6	0	0	0	0	0	0	0	0	0	4.

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.4 NO. OF CASES= 4.

STATION 31 40.90N 125.20W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.3	LONGER	
0	0
1	5	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	5	0	0	0	0	0	0	0	0	0	5.

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.4 NO. OF CASES= 5.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0	0
0.1	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	13	11	10	4	7	0	0	0	0	0	31.

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 31.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0	0
0.1	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	9	83	186	148	223	126	13	0	0	0	470.

MEAN HS(M) = 5.3 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 10.1 NO. OF CASES= 470.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0	0
0.1	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	10	195	575	414	698	682	242	7	0	0	1663.

MEAN HS(M) = 5.3 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 10.7 NO. OF CASES= 1663.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0	0
0.1	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	16	273	743	876	1497	2270	1044	75	0	0	3990.

MEAN HS(M) = 4.5 LARGEST HS(M)= 11.1 MEAN TP(SEC)= 11.5 NO. OF CASES= 3990.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1-0.9	6	152	5	424	145	53	.	.	.	.	11
1.0-1.9	10	171	7	424	145	53	.	.	.	.	11
2.0-2.9	.	114	2	354	145	53	.	.	.	.	11
3.0-3.9	.	20	2	354	145	53	.	.	.	.	11
4.0-4.9	.	.	2	354	145	53	.	.	.	.	11
5.0-5.9	.	.	2	354	145	53	.	.	.	.	11
6.0-6.9	.	.	2	354	145	53	.	.	.	.	11
7.0-7.9	.	.	2	354	145	53	.	.	.	.	11
8.0-8.9	.	.	2	354	145	53	.	.	.	.	11
9.0-9.9	.	.	2	354	145	53	.	.	.	.	11
10.0-10.9	.	.	2	354	145	53	.	.	.	.	11
TOTAL	65	357	1704	2151	4266	7391	4579	661	10	0	12394

MEAN HS(M) = 3.7 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 12.0 NO. OF CASES= 12394.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1-0.9	44	80	106	1676	781	157	23	6	.	.	230
1.0-1.9	217	752	3295	3476	5100	3100	422	.	.	.	6707
2.0-2.9	100	328	1540	446	2253	2000	2705	5	.	.	10150
3.0-3.9	.	205	138	100	403	2176	2705	181	5	.	10150
4.0-4.9	.	18	177	63	23	374	210	2306	.	.	10150
5.0-5.9	.	.	68	10	.	73	105	135	.	.	10150
6.0-6.9	.	.	.	.	.	.	.	.	.	.	10150
7.0-7.9	.	.	.	.	.	.	.	.	.	.	10150
8.0-8.9	.	.	.	.	.	.	.	.	.	.	10150
9.0-9.9	.	.	.	.	.	.	.	.	.	.	10150
10.0-10.9	.	.	.	.	.	.	.	.	.	.	10150
TOTAL	361	1383	5724	5812	8953	10991	6438	1123	5	0	23855

MEAN HS(M) = 3.0 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 11.4 NO. OF CASES= 23855.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1-0.9	54	30	11	398	135	44	1	5	.	.	95
1.0-1.9	1056	1271	1510	2061	1350	251	51	6	.	.	4460
2.0-2.9	1132	3301	1548	194	888	251	116	6	.	.	4460
3.0-3.9	.	96	217	20	51	218	90	66	6	.	4460
4.0-4.9	.	90	49	1	.	3	66	1	.	.	4460
5.0-5.9	.	.	.	.	.	.	.	.	.	.	4460
6.0-6.9	.	.	.	.	.	.	.	.	.	.	4460
7.0-7.9	.	.	.	.	.	.	.	.	.	.	4460
8.0-8.9	.	.	.	.	.	.	.	.	.	.	4460
9.0-9.9	.	.	.	.	.	.	.	.	.	.	4460
10.0-10.9	.	.	.	.	.	.	.	.	.	.	4460
TOTAL	2282	4655	3481	2688	2333	1168	327	18	6	0	9924

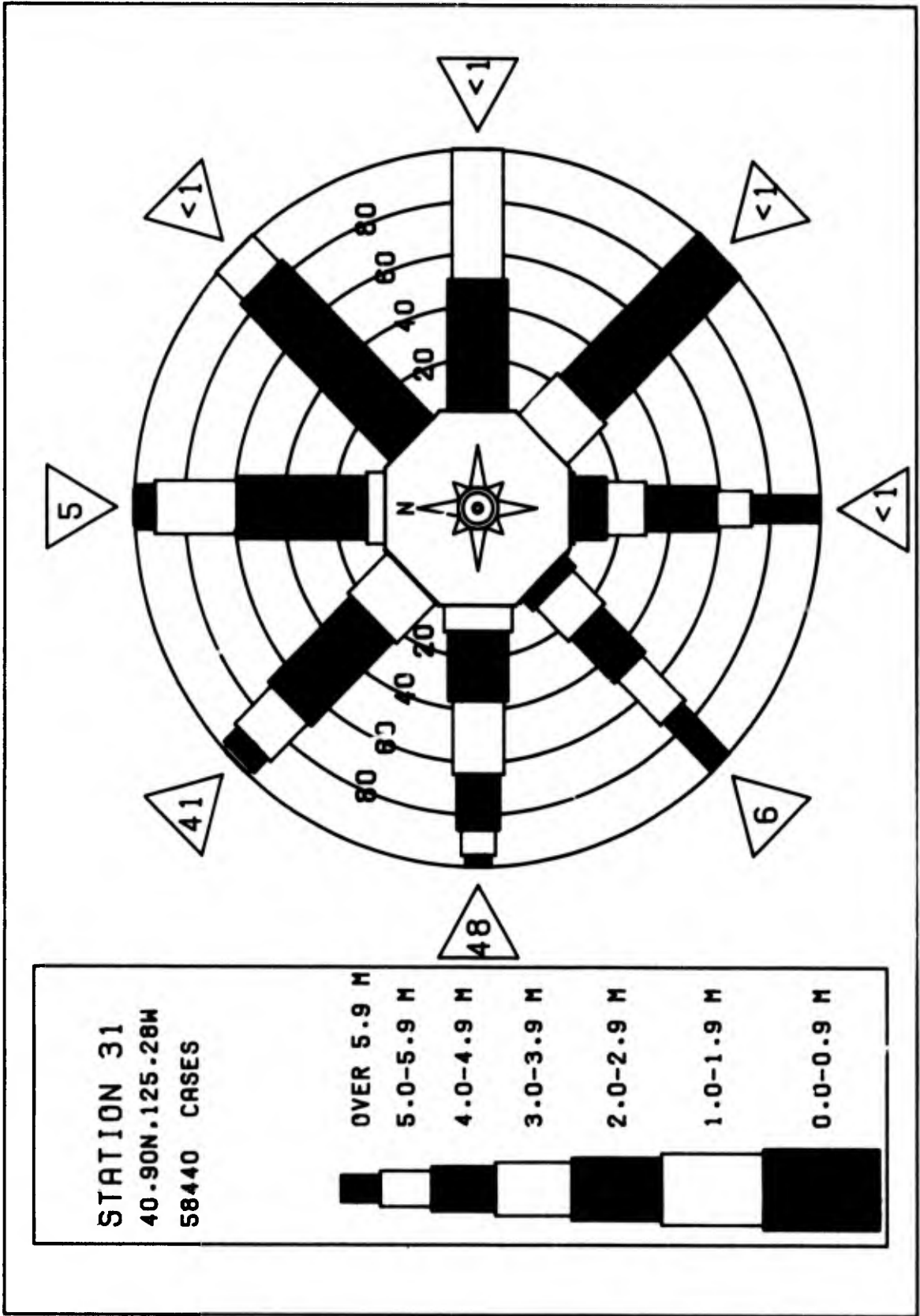
MEAN HS(M) = 2.4 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.6 NO. OF CASES= 9924.

STATION 31 40.90N 125.28W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.1-0.9	516	278	13	133	1	1	.	.	.	.	807
1.0-1.9	937	1449	287	277	68	37	8	.	.	.	2222
2.0-2.9	1	1877	300	10	44	15	1	.	.	.	2222
3.0-3.9	.	205	325	8	3	.	.	.	.	.	2222
4.0-4.9	.	1	32	.	.	.	.	.	.	.	2222
5.0-5.9	.	.	.	.	.	.	.	.	.	.	2222
6.0-6.9	.	.	.	.	.	.	.	.	.	.	2222
7.0-7.9	.	.	.	.	.	.	.	.	.	.	2222
8.0-8.9	.	.	.	.	.	.	.	.	.	.	2222
9.0-9.9	.	.	.	.	.	.	.	.	.	.	2222
10.0-10.9	.	.	.	.	.	.	.	.	.	.	2222
TOTAL	1514	5813	797	202	196	56	11	1	0	0	5030

MEAN HS(M) = 2.8 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 7.0 NO. OF CASES= 5030.

HEIGHT(METRES)	STATION 31 40 90N 125 28W FOR ALL DIRECTIONS										TOTAL									
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																			
	4.4- 6.0		6.1- 8.0		8.1- 9.5		9.6- 10.5		10.6- 11.7		11.8- 13.3		13.4- 15.3		15.4- 18.1		18.2- 22.2		22.3- LONGER	
0	10	11	12	25	107	27	2	1	..	..	..	..	..	..	..	..	..	..	..	33
1	20	25	25	25	107	4	2	1	..	..	..	..	..	..	..	..	..	..	..	1405
2	4	4	4	13	55	14	3	2	..	..	..	..	..	..	..	..	..	..	..	466
3	1	1	1	1	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	151
4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	19
5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	22
6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	68
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	77
8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	60
9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17
10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
TOTAL	457	1409	1340	1229	1817	2264	1264	188	2	0										58440
MEAN HS(M)=	3.2		LARGEST HS(M)= 11.7		MEAN TP(SEC)= 10.6		TOTAL CASES=		58440.											



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 31 (40.90N 125.28W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
95	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
96	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
97	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
98	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
99	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
00	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
01	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
02	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
03	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
04	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
05	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
06	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
07	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
08	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
09	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
10	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
11	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
12	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
13	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
14	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
15	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
16	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
17	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
18	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
19	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
20	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
21	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
22	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
23	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
24	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
25	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
26	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
27	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
28	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
29	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
30	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4
31	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6	4.4

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 31 (40.90N 125.28W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
95	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
96	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
97	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
98	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
99	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
00	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
01	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
02	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
03	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
04	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
05	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
06	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
07	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
08	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
09	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
10	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
11	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
12	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
13	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
14	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
15	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
16	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
17	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
18	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
19	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
20	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
21	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
22	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
23	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
24	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
25	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
26	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
27	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
28	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
29	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
30	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2
31	7.2	6.8	6.5	6.2	5.8	5.5	5.3	5.1	5.2	6.0	7.0	7.8	7.2

20 YP. STATISTICS FOR PACIFIC STATION 31 (40.90N 125.28W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.103
 20.57
 22.5
 1.67
 1.7
 215
 74011515

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	90	41	3	.	.	.	.	.	.	.	0
1	110	427	103	3	10	.	3	.	.	.	137
2	1	234	226	.	.	.	.	.	.	.	274
3	.	10	.	.	.	.	.	.	.	.	16
4	.	.	.	.	.	.	.	.	.	.	0
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	207	712	41	4	20	0	8	1	0	0	585

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.7 NO. OF CASES= 585.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	1	.	.	.	.	.	.	.	.	0
1	23	13	6	.	.	1	.	.	.	.	57
2	.	.	.	.	.	.	.	.	.	.	16
3	.	.	.	.	.	.	.	.	.	.	0
4	.	.	.	.	.	.	.	.	.	.	0
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	29	41	6	0	0	1	0	0	0	0	48

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.4 NO. OF CASES= 48.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	1	.	1	.	.	.	.	.	.	.	1
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	9	0	1	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 6.1 NO. OF CASES= 7.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	1	.	.	.	1	.	.	.	.	.	4
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	4	0	0	0	1	0	0	0	0	0	4

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 6.9 NO. OF CASES= 4.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	3	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 5.6 NO. OF CASES= 2.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	1	.	.	.	.	.	.	.	.	0
2.0-2.9	1	1	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	4	2	0	0	0	0	0	0	0	0	0
TOTAL	4	2	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 5.9 NO. OF CASES= 5.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	5	0	0	0	0	0	0	0	0	0	0
TOTAL	5	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 5.2 NO. OF CASES= 3.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	1	3	.	.	.	.	.	.	.	10
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	9	1	3	0	0	0	0	0	0	0	0
TOTAL	9	1	3	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 6.3 NO. OF CASES= 9.

STATION 32 41 31N 125 03W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
.0	.	.	.	.	.	.	.	.	.	.	0
.1	3	.	.	.	.	.	.	.	.	.	3
.2	17	1	1	1	3	1	1	1	1	1	28
.3	.	.	.	.	.	.	.	.	.	.	0
.4	.	.	.	.	.	.	.	.	.	.	0
.5	.	.	.	.	.	.	.	.	.	.	0
.6	.	.	.	.	.	.	.	.	.	.	0
.7	.	.	.	.	.	.	.	.	.	.	0
.8	.	.	.	.	.	.	.	.	.	.	0
.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	1	1	0	6	0	0	0	0	0	19

MEAN HS(M) = 2.8 LARGEST HS(M) = 5.3 MEAN TP(SEC) = 7.1 NO. OF CASES = 19

STATION 32 41 31N 125 03W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
.0	.	.	.	.	.	.	.	.	.	.	0
.1	8	1	1	1	1	1	1	1	1	1	17
.2	1	1	1	1	1	1	1	1	1	1	10
.3	1	1	1	1	1	1	1	1	1	1	10
.4	.	.	.	.	.	.	.	.	.	.	0
.5	.	.	.	.	.	.	.	.	.	.	0
.6	.	.	.	.	.	.	.	.	.	.	0
.7	.	.	.	.	.	.	.	.	.	.	0
.8	.	.	.	.	.	.	.	.	.	.	0
.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	38	82	107	202	109	16	0	0	0	338

MEAN HS(M) = 5.0 LARGEST HS(M) = 11.6 MEAN TP(SEC) = 10.4 NO. OF CASES = 338

STATION 32 41 31N 125 03W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
.0	.	.	.	.	.	.	.	.	.	.	0
.1	13	2	3	4	5	5	6	6	6	6	66
.2	1	2	3	4	5	6	7	8	9	9	62
.3	1	2	3	4	5	6	7	8	9	9	62
.4	1	2	3	4	5	6	7	8	9	9	62
.5	1	2	3	4	5	6	7	8	9	9	62
.6	1	2	3	4	5	6	7	8	9	9	62
.7	1	2	3	4	5	6	7	8	9	9	62
.8	1	2	3	4	5	6	7	8	9	9	62
.9	1	2	3	4	5	6	7	8	9	9	62
1.0	1	2	3	4	5	6	7	8	9	9	62
TOTAL	13	175	516	489	846	652	243	8	0	0	1732

MEAN HS(M) = 4.9 LARGEST HS(M) = 10.4 MEAN TP(SEC) = 10.8 NO. OF CASES = 1732

STATION 32 41 31N 125 03W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
.0	.	.	.	.	.	.	.	.	.	.	0
.1	3	4	5	6	7	8	9	10	11	12	75
.2	11	51	114	202	337	508	670	800	900	1000	3218
.3	3	22	43	83	147	233	337	444	552	670	1468
.4	.	.	.	.	.	.	.	.	.	.	0
.5	.	.	.	.	.	.	.	.	.	.	0
.6	.	.	.	.	.	.	.	.	.	.	0
.7	.	.	.	.	.	.	.	.	.	.	0
.8	.	.	.	.	.	.	.	.	.	.	0
.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17	244	495	698	1091	1665	1156	113	0	0	3218

MEAN HS(M) = 4.1 LARGEST HS(M) = 9.9 MEAN TP(SEC) = 11.7 NO. OF CASES = 3218

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	1	5	10			1					17
1.0-1.9	27	80	704	545	337	685					1770
2.0-2.9	10	42	259	755	1572	1285					4339
3.0-3.9		52	87	280	1279	1371					2435
4.0-4.9		17	138	73	525	1755					2605
5.0-5.9		1	50	39	113	408					1008
6.0-6.9			3	13	15	78					109
7.0-7.9						15					15
8.0-8.9						1					1
9.0-9.9											0
10.0+											0
TOTAL	38	237	1230	1750	3646	7080	4901	51	5	0	11371.

MEAN HS(M) = 3.6 LARGEST HS(M) = 9.1 MEAN TP(SEC) = 12.2 NO. OF CASES = 11371.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	56	100	176	5		8					345
1.0-1.9	209	605	4472	2337	1072	258					9300
2.0-2.9	82	229	1702	4078	5928	3730					17314
3.0-3.9		133	148	486	2476	5634					11314
4.0-4.9		15	143	184	321	2383					3161
5.0-5.9			47	65	78	302					569
6.0-6.9				10	27	55					97
7.0-7.9						11					18
8.0-8.9											3
9.0-9.9											3
10.0+											0
TOTAL	346	1394	6689	7105	9898	12382	6951	1233	13	0	26901.

MEAN HS(M) = 2.9 LARGEST HS(M) = 9.0 MEAN TP(SEC) = 11.4 NO. OF CASES = 26901.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	53	54	5								119
1.0-1.9	1199	1452	1492	435	104	61					4953
2.0-2.9	1206	2180	1504	2144	1141	253					8475
3.0-3.9	1	872	152	174	854	569					2760
4.0-4.9		68	203	22	44	200					615
5.0-5.9		1	27	20		3					81
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2464	4649	3583	2796	2173	1086	230	22	0	0	9947.

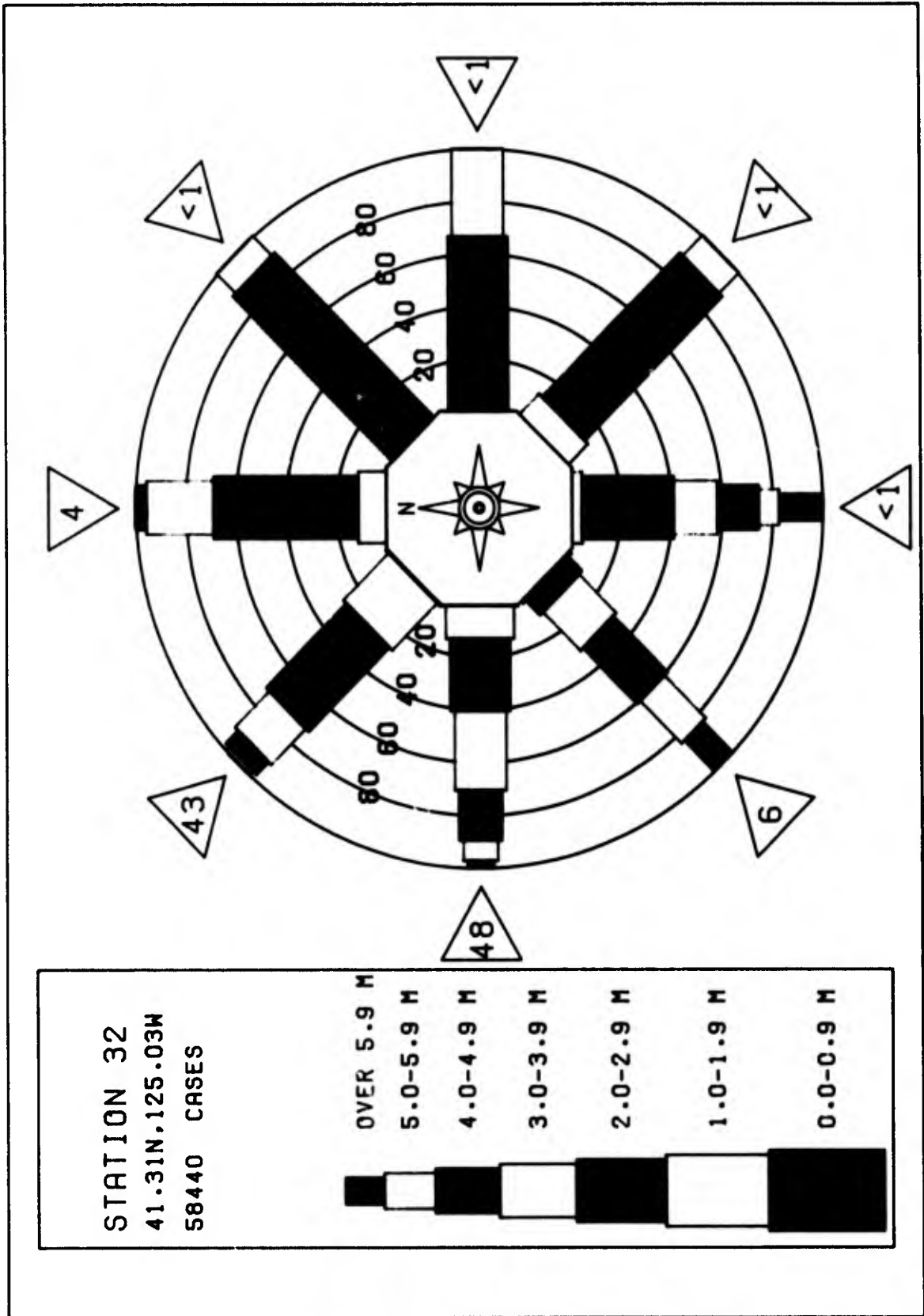
MEAN HS(M) = 2.4 LARGEST HS(M) = 5.9 MEAN TP(SEC) = 8.5 NO. OF CASES = 9947.

STATION 32 41.31N 125.03W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9		6									6
1.0-1.9	631	225	22	1	1	1					881
2.0-2.9	1047	2970	183	85	49	3					4345
3.0-3.9		1317	234	32	83	3					1873
4.0-4.9		112	165	8	42	15					342
5.0-5.9			8	3							11
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1678	4630	617	129	175	20	8	1	0	0	4251.

MEAN HS(M) = 2.7 LARGEST HS(M) = 5.8 MEAN TP(SEC) = 6.8 NO. OF CASES = 4251.

HEIGHT(METRES)	STATION 32 41 31N 125 03W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	11	17	19	33	52	30	4	.	.	48	
1.0-1.9	216	275	699	739	899	367	5	.	.	227	
2.0-2.9	256	597	385	739	524	377	5	1	.	172	
3.0-3.9	1	293	91	116	121	110	4	1	.	251	
4.0-4.9	.	30	103	61	121	116	4	1	.	248	
5.0-5.9	.	.	26	43	65	110	6	1	.	180	
6.0-6.9	.	.	3	7	33	42	6	1	.	190	
7.0-7.9	.	.	.	.	37	14	5	1	.	47
8.0-8.9	.	.	.	.	1	2	1	1	.	7
9.0-9.9	.	.	.	.	.	.	.	.	.	2
10.0+	.	.	.	.	.	.	.	.	.	1
TOTAL	484	1212	1326	1304	1803	2297	1348	190	1	0	
MEAN HS(M)=	3.1	LARGEST HS(M)= 11.6		MEAN TP(SEC)= 10.6			TOTAL CASES= 58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 32 (41.31N 125.03W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	5.7	5.1	4.8	3.5	2.8	2.3	2.2	2.0	2.1	2.9	3.8	4.3	
1976	6.2	5.8	5.2	4.0	3.2	2.8	2.6	2.4	2.5	3.2	4.1	4.5	
1977	6.5	6.1	5.6	4.2	3.4	2.9	2.7	2.5	2.6	3.3	4.2	4.6	
1978	6.8	6.4	5.9	4.4	3.6	3.1	2.9	2.7	2.8	3.5	4.4	4.8	
1979	7.1	6.7	6.2	4.6	3.8	3.3	3.1	2.9	3.0	3.7	4.6	5.0	
1980	7.4	7.0	6.5	4.9	4.1	3.6	3.4	3.2	3.3	4.0	4.9	5.3	
1981	7.7	7.3	6.8	5.2	4.4	3.9	3.7	3.5	3.6	4.3	5.2	5.6	
1982	8.0	7.6	7.1	5.5	4.7	4.2	4.0	3.8	3.9	4.6	5.5	5.9	
1983	8.3	7.9	7.4	5.8	5.0	4.5	4.3	4.1	4.2	4.9	5.8	6.2	
1984	8.6	8.2	7.7	6.1	5.3	4.8	4.6	4.4	4.5	5.2	6.1	6.5	
1985	8.9	8.5	8.0	6.4	5.6	5.1	4.9	4.7	4.8	5.5	6.4	6.8	
1986	9.2	8.8	8.3	6.7	5.9	5.4	5.2	5.0	5.1	5.8	6.7	7.1	
1987	9.5	9.1	8.6	7.0	6.2	5.7	5.5	5.3	5.4	6.1	7.0	7.4	
1988	9.8	9.4	8.9	7.3	6.5	6.0	5.8	5.6	5.7	6.4	7.3	7.7	
1989	10.1	9.7	9.2	7.6	6.8	6.3	6.1	5.9	6.0	6.7	7.6	8.0	
1990	10.4	10.0	9.5	7.9	7.1	6.6	6.4	6.2	6.3	7.0	7.9	8.3	
1991	10.7	10.3	9.8	8.2	7.4	6.9	6.7	6.5	6.6	7.3	8.2	8.6	
1992	11.0	10.6	10.1	8.5	7.7	7.2	7.0	6.8	6.9	7.6	8.5	8.9	
1993	11.3	10.9	10.4	8.8	8.0	7.5	7.3	7.1	7.2	7.9	8.8	9.2	
1994	11.6	11.2	10.7	9.1	8.3	7.8	7.6	7.4	7.5	8.2	9.1	9.5	
1995	11.9	11.5	11.0	9.4	8.6	8.1	7.9	7.7	7.8	8.5	9.4	9.8	
1996	12.2	11.8	11.3	9.7	8.9	8.4	8.2	8.0	8.1	8.8	9.7	10.1	
1997	12.5	12.1	11.6	10.0	9.2	8.7	8.5	8.3	8.4	9.1	10.0	10.4	
1998	12.8	12.4	11.9	10.3	9.5	9.0	8.8	8.6	8.7	9.4	10.3	10.7	
1999	13.1	12.7	12.2	10.6	9.8	9.3	9.1	8.9	9.0	9.7	10.6	11.0	
2000	13.4	13.0	12.5	10.9	10.1	9.6	9.4	9.2	9.3	10.0	10.9	11.3	
2001	13.7	13.3	12.8	11.2	10.4	9.9	9.7	9.5	9.6	10.3	11.2	11.6	
2002	14.0	13.6	13.1	11.5	10.7	10.2	10.0	9.8	9.9	10.6	11.5	11.9	
2003	14.3	13.9	13.4	11.8	11.0	10.5	10.3	10.1	10.2	10.9	11.8	12.2	
2004	14.6	14.2	13.7	12.1	11.3	10.8	10.6	10.4	10.5	11.2	12.1	12.5	
2005	14.9	14.5	14.0	12.4	11.6	11.1	10.9	10.7	10.8	11.5	12.4	12.8	
2006	15.2	14.8	14.3	12.7	11.9	11.4	11.2	11.0	11.1	11.8	12.7	13.1	
2007	15.5	15.1	14.6	13.0	12.2	11.7	11.5	11.3	11.4	12.1	13.0	13.4	
2008	15.8	15.4	14.9	13.3	12.5	12.0	11.8	11.6	11.7	12.4	13.3	13.7	
2009	16.1	15.7	15.2	13.6	12.8	12.3	12.1	11.9	12.0	12.7	13.6	14.0	
2010	16.4	16.0	15.5	13.9	13.1	12.6	12.4	12.2	12.3	13.0	13.9	14.3	
2011	16.7	16.3	15.8	14.2	13.4	12.9	12.7	12.5	12.6	13.3	14.2	14.6	
2012	17.0	16.6	16.1	14.5	13.7	13.2	13.0	12.8	12.9	13.6	14.5	14.9	
2013	17.3	16.9	16.4	14.8	14.0	13.5	13.3	13.1	13.2	13.9	14.8	15.2	
2014	17.6	17.2	16.7	15.1	14.3	13.8	13.6	13.4	13.5	14.2	15.1	15.5	
2015	17.9	17.5	17.0	15.4	14.6	14.1	13.9	13.7	13.8	14.5	15.4	15.8	
2016	18.2	17.8	17.3	15.7	14.9	14.4	14.2	14.0	14.1	14.8	15.7	16.1	
2017	18.5	18.1	17.6	16.0	15.2	14.7	14.5	14.3	14.4	15.1	16.0	16.4	
2018	18.8	18.4	17.9	16.3	15.5	15.0	14.8	14.6	14.7	15.4	16.3	16.7	
2019	19.1	18.7	18.2	16.6	15.8	15.3	15.1	14.9	15.0	15.7	16.6	17.0	
2020	19.4	19.0	18.5	16.9	16.1	15.6	15.4	15.2	15.3	16.0	16.9	17.3	
2021	19.7	19.3	18.8	17.2	16.4	15.9	15.7	15.5	15.6	16.3	17.2	17.6	
2022	20.0	19.6	19.1	17.5	16.7	16.2	16.0	15.8	15.9	16.6	17.5	17.9	
2023	20.3	19.9	19.4	17.8	17.0	16.5	16.3	16.1	16.2	16.9	17.8	18.2	
2024	20.6	20.2	19.7	18.1	17.3	16.8	16.6	16.4	16.5	17.2	18.1	18.5	

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 32 (41.31N 125.03W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	6.2	5.8	5.5	4.2	3.8	3.5	3.4	3.2	3.3	4.0	4.8	5.3
1976	6.5	6.1	5.6	4.4	3.6	3.2	3.1	2.9	3.0	3.7	4.5	5.0
1977	6.8	6.4	5.9	4.6	3.8	3.4	3.3	3.1	3.2	3.9	4.7	5.1
1978	7.1	6.7	6.2	4.9	4.1	3.7	3.6	3.4	3.5	4.2	5.0	5.4
1979	7.4	7.0	6.5	5.2	4.4	4.0	3.9	3.7	3.8	4.5	5.3	5.7
1980	7.7	7.3	6.8	5.5	4.7	4.3	4.2	4.0	4.1	4.8	5.6	6.0
1981	8.0	7.6	7.1	5.8	5.0	4.6	4.5	4.3	4.4	5.1	5.9	6.3
1982	8.3	7.9	7.4	6.1	5.3	4.9	4.8	4.6	4.7	5.4	6.2	6.6
1983	8.6	8.2	7.7	6.4	5.6	5.2	5.1	4.9	5.0	5.7	6.5	6.9
1984	8.9	8.5	8.0	6.7	5.9	5.5	5.4	5.2	5.3	6.0	6.8	7.2
1985	9.2	8.8	8.3	7.0	6.2	5.8	5.7	5.5	5.6	6.3	7.1	7.5
1986	9.5	9.1	8.6	7.3	6.5	6.1	6.0	5.8	5.9	6.6	7.4	7.8
1987	9.8	9.4	8.9	7.6	6.8	6.4	6.3	6.1	6.2	6.9	7.7	8.1
1988	10.1	9.7	9.2	7.9	7.1	6.7	6.6	6.4	6.5	7.2	8.0	8.4
1989	10.4	10.0	9.5	8.2	7.4	7.0	6.9	6.7	6.8	7.5	8.3	8.7
1990	10.7	10.3	9.8	8.5	7.7	7.3	7.2	7.0	7.1	7.8	8.6	9.0
1991	11.0	10.6	10.1	8.8	8.0	7.6	7.5	7.3	7.4	8.1	8.9	9.3
1992	11.3	10.9	10.4	9.1	8.3	7.9	7.8	7.6	7.7	8.4	9.2	9.6
1993	11.6	11.2	10.7	9.4	8.6	8.2	8.1	7.9	8.0	8.7	9.5	9.9
1994	11.9	11.5	11.0	9.7	8.9	8.5	8.4	8.2	8.3	9.0	9.8	10.2
1995	12.2	11.8	11.3	10.0	9.2	8.8	8.7	8.5	8.6	9.3	10.1	10.5
1996	12.5	12.1	11.6	10.3	9.5	9.1	9.0	8.8	8.9	9.6	10.4	10.8
1997	12.8	12.4	11.9	10.6	9.8	9.4	9.3	9.1	9.2	9.9	10.7	11.1
1998	13.1	12.7	12.2	10.9	10.1	9.7	9.6	9.4	9.5	10.2	11.0	11.4
1999	13.4	13.0	12.5	11.2	10.4	10.0	9.9	9.7	9.8	10.5	11.3	11.7
2000	13.7	13.3	12.8	11.5	10.7	10.3	10.2	10.0	10.1	10.8	11.6	12.0
2001	14.0	13.6	13.1	11.8	11.0	10.6	10.5	10.3	10.4	11.1	11.9	12.3
2002	14.3	13.9	13.4	12.1	11.3	10.9	10.8	10.6	10.7	11.4	12.2	12.6
2003	14.6	14.2	13.7	12.4	11.6	11.2	11.1	10.9	11.0	11.7	12.5	12.9
2004	14.9	14.5	14.0	12.7	11.9	11.5	11.4	11.2	11.3	12.0	12.8	13.2
2005	15.2	14.8	14.3	13.0	12.2	11.8	11.7	11.5	11.6	12.3	13.1	13.5
2006	15.5	15.1	14.6	13.3	12.5	12.1	12.0	11.8	11.9	12.6	13.4	13.8
2007	15.8	15.4	14.9	13.6	12.8	12.4	12.3	12.1	12.2	12.9	13.7	14.1
2008	16.1	15.7	15.2	13.9	13.1	12.7	12.6	12.4	12.5	13.2	14.0	14.4
2009	16.4	16.0	15.5	14.2	13.4	13.0	12.9	12.7	12.8	13.5	14.3	14.7
2010	16.7	16.3	15.8	14.5	13.7	13.3	13.2	13.0	13.1	13.8	14.6	15.0
2011	17.0	16.6	16.1	14.8	14.0	13.6	13.5	13.3	13.4	14.1	14.9	15.3
2012	17.3	16.9	16.4	15.1	14.3	13.9	13.8	13.6	13.7	14.4	15.2	15.6
2013	17.6	17.2	16.7	15.4	14.6	14.2	14.1	13.9				

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	107	8	.	.	.	.	.	.	.	.	115
2.0-2.9	162	29	15	1	3	.	.	.	.	.	213
3.0-3.9	11	5	6	.	6	.	1	1	.	.	31
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	280	42	21	2	9	0	4	1	0	0	215

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.2 NO. OF CASES= 215.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	10	.	.	.	.	.	.	.	.	.	10
2.0-2.9	37	.	.	.	.	.	.	.	.	.	37
3.0-3.9	6	.	.	.	.	.	.	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	53	0	0	0	0	0	0	0	0	0	32

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 5.4 NO. OF CASES= 32.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	.	3	.	1	.	.	.	.	.	7
3.0-3.9	1	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	0	3	0	1	0	0	0	0	0	6

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.6 NO. OF CASES= 6.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	1	.	1	.	.	.	.	.	4
3.0-3.9	1	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	0	1	0	1	0	0	0	0	0	4

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 7.9 NO. OF CASES= 4.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	1	.	.	1	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	5	1	0	0	1	0	0	0	0	0	0
TOTAL	5	1	0	0	1	0	0	0	0	0	0

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 6.8 NO. OF CASES= 5.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	4	0	0	0	0	0	0	0	0	0
TOTAL	1	4	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 5.9 NO. OF CASES= 4.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	6	0	0	0	0	0	0	0	0	0	0
TOTAL	6	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.4 NO. OF CASES= 4.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	1	3	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	5	1	3	0	0	0	0	0	0	0	0
TOTAL	5	1	3	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 6.6 NO. OF CASES= 6.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) =180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	15	3	1	.	.	.	.	.	.	.	16
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	16	6	1	0	0	0	0	0	0	0	0
TOTAL	16	6	1	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.7	LARGEST HS(M)= 4.2	MEAN TP(SEC)= 5.8	NO. OF CASES= 15.								

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) =202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	15	2	18	.	10	.	.	.	.	.	26
3.0-3.9	.	20	10	11	10	.	.	.	.	.	51
4.0-4.9	.	1	6	25	39	.	.	.	.	.	71
5.0-5.9	.	1	1	1	3	.	.	.	.	.	7
6.0-6.9	.	.	1	1	1	17	.	.	.	.	21
7.0-7.9	.	.	.	.	1	3	.	.	.	.	5
8.0-8.9	.	.	.	.	.	5	.	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	16	30	41	40	105	45	4	0	0	0	0
TOTAL	16	30	41	40	105	45	4	0	0	0	0
MEAN HS(M) = 4.6	LARGEST HS(M)= 8.0	MEAN TP(SEC)= 10.0	NO. OF CASES= 173.								

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) =225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	15	15	29	11	27	.	.	.	.	.	107
2.0-2.9	1	49	140	64	46	.	.	.	.	.	209
3.0-3.9	.	27	123	203	154	83	.	.	.	.	537
4.0-4.9	.	1	37	142	134	174	.	.	.	.	488
5.0-5.9	.	.	6	29	35	203	.	.	.	.	373
6.0-6.9	.	.	.	5	8	67	.	.	.	.	83
7.0-7.9	.	.	.	.	.	29	.	.	.	.	29
8.0-8.9	.	.	.	.	.	11	.	.	.	.	11
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	16	92	335	453	666	634	163	0	0	0	0
TOTAL	16	92	335	453	666	634	163	0	0	0	0
MEAN HS(M) = 5.2	LARGEST HS(M)= 12.1	MEAN TP(SEC)= 10.9	NO. OF CASES= 1390.								

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) =247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	32	107	11	15	20	.	.	.	.	180
2.0-2.9	5	30	279	27	92	59	.	.	.	.	403
3.0-3.9	.	140	162	237	203	501	.	.	.	.	1144
4.0-4.9	.	23	191	181	35	75	.	.	.	.	403
5.0-5.9	.	1	92	201	277	758	.	.	.	.	1270
6.0-6.9	.	.	6	63	49	333	.	.	.	.	451
7.0-7.9	.	.	.	3	13	164	.	.	.	.	180
8.0-8.9	.	.	.	.	.	44	.	.	.	.	44
9.0-9.9	.	.	.	.	.	5	.	.	.	.	5
10.0+	16	226	828	971	1672	2578	1154	82	0	0	0
TOTAL	16	226	828	971	1672	2578	1154	82	0	0	0
MEAN HS(M) = 4.6	LARGEST HS(M)= 11.3	MEAN TP(SEC)= 11.5	NO. OF CASES= 4415.								

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	18	1	18	3	301	77	3	..	..	..
1.0-1.9	77	224	1151	516	301	222	23	..	..	..
2.0-2.9	6	78	781	1527	1041	226	107	..	..	..
3.0-3.9	..	123	167	441	1400	888	106	..	..	..
4.0-4.9	..	29	229	116	1300	800	165	..	..	..
5.0-5.9	..	..	91	61	1000	338	107	..	..	..
6.0-6.9	..	..	..	..	1000	15	10	..	..	..
7.0-7.9	..	..	..	..	1000	..	..	..	..	..
8.0-8.9	..	..	..	..	1000	..	..	..	..	..
9.0-9.9	..	..	..	..	1000	..	..	..	..	..
10.0-10.9	..	..	..	..	1000	..	..	..	..	..
TOTAL	101	455	2420	2789	4948	8692	5686	659	13	0

MEAN HS(M) = 3.7 LARGEST HS(M) = 10.0 MEAN TP(SEC) = 11.9 NO. OF CASES = 15074.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	73	109	183	1	100	32	53	..	..	..
1.0-1.9	232	1158	4594	236	1001	3201	455	..	..	..
2.0-2.9	90	306	1887	423	1000	2000	1762	..	..	..
3.0-3.9	..	152	168	107	3400	2000	222	..	..	..
4.0-4.9	..	8	37	54	1000	36	118	..	..	..
5.0-5.9	..	..	..	..	1000	..	..	..	..	..
6.0-6.9	..	..	..	..	1000	..	..	..	..	..
7.0-7.9	..	..	..	..	1000	..	..	..	..	..
8.0-8.9	..	..	..	..	1000	..	..	..	..	..
9.0-9.9	..	..	..	..	1000	..	..	..	..	..
10.0-10.9	..	..	..	..	1000	..	..	..	..	..
TOTAL	395	1733	7017	7232	9342	10552	5869	1020	0	0

MEAN HS(M) = 2.8 LARGEST HS(M) = 9.3 MEAN TP(SEC) = 11.2 NO. OF CASES = 25238.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	61	63	1	439	61	51	3	..	..	..
1.0-1.9	1353	1666	1767	1825	977	169	20	..	..	..
2.0-2.9	17	489	1538	284	746	446	18	..	..	..
3.0-3.9	..	37	138	37	23	97	1	..	..	..
4.0-4.9	..	3	15	17	..	..	..	..	..	..
5.0-5.9	..	..	..	1	..	..	..	..	..	..
6.0-6.9	..	..	..	..	..	..	..	..	..	..
7.0-7.9	..	..	..	..	..	..	..	..	..	..
8.0-8.9	..	..	..	..	..	..	..	..	..	..
9.0-9.9	..	..	..	..	..	..	..	..	..	..
10.0-10.9	..	..	..	..	..	..	..	..	..	..
TOTAL	2568	4027	3744	2573	1807	763	113	24	0	0

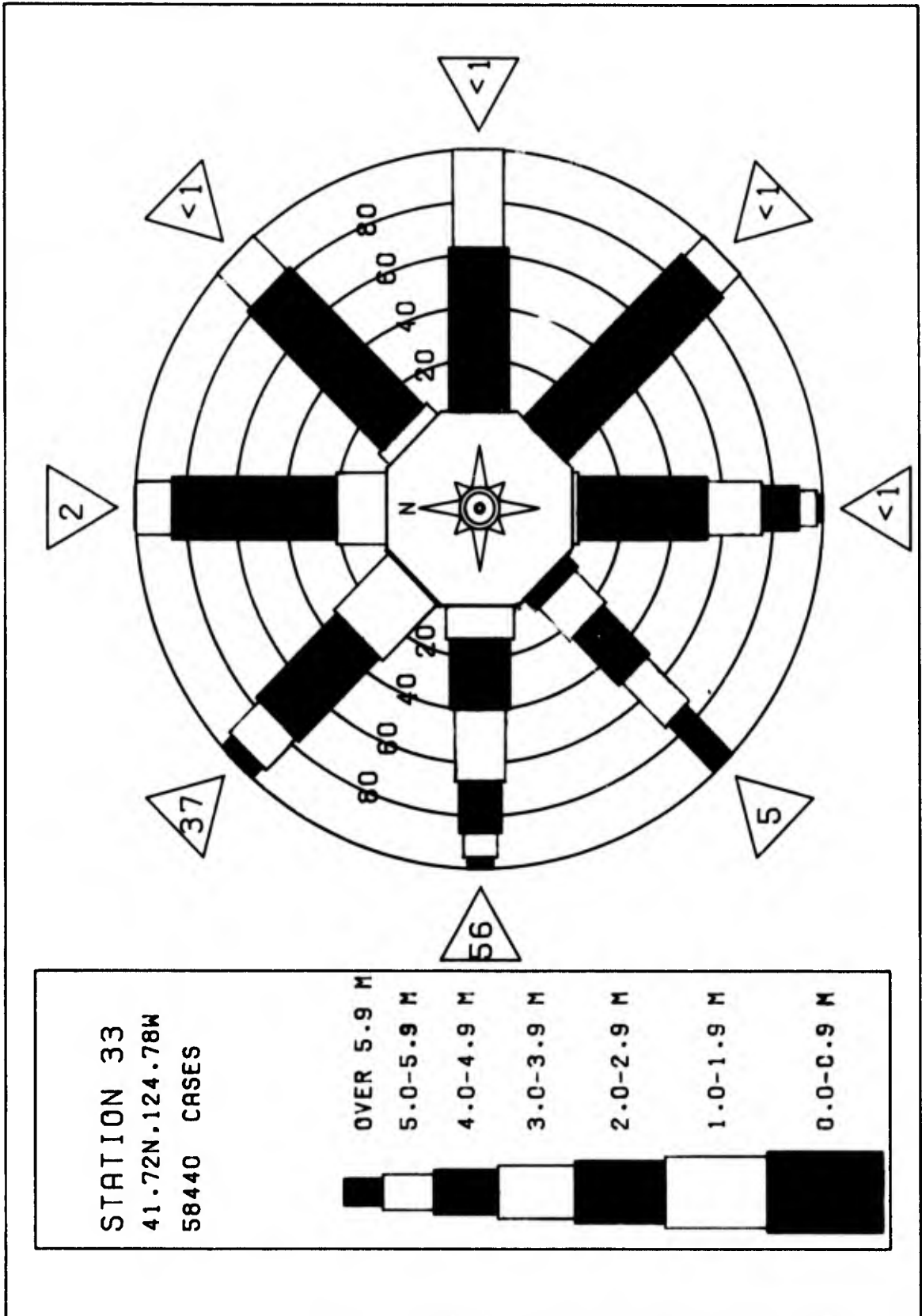
MEAN HS(M) = 2.3 LARGEST HS(M) = 6.0 MEAN TP(SEC) = 8.4 NO. OF CASES = 9140.

STATION 33 41.72N 124.78W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9	3	5	..	3	1	..	..	..	..	..
1.0-1.9	595	258	53	3	54	..	..	..	..	..
2.0-2.9	1297	1283	268	88	29	..	..	..	..	..
3.0-3.9	56	261	287	42	6	..	..	..	..	..
4.0-4.9	..	11	27	6	..	..	..	..	..	..
5.0-5.9	..	..	..	..	..	..	..	..	..	..
6.0-6.9	..	..	..	..	..	..	..	..	..	..
7.0-7.9	..	..	..	..	..	..	..	..	..	..
8.0-8.9	..	..	..	..	..	..	..	..	..	..
9.0-9.9	..	..	..	..	..	..	..	..	..	..
10.0-10.9	..	..	..	..	..	..	..	..	..	..
TOTAL	1951	1818	638	139	90	0	4	0	0	0

MEAN HS(M) = 2.4 LARGEST HS(M) = 5.2 MEAN TP(SEC) = 6.7 NO. OF CASES = 2719.

STATION 33 41.72N 124.78W		FOR ALL DIRECTIONS									TOTAL
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS		PEAK PERIOD(SECONDS)									
HEIGHT(METRES)	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	15	17	20	33	138	47	5	1	.	.	52
0.1	238	334	767	297	865	449	72	1	.	.	1863
0.2	281	352	482	153	586	947	298	2	.	.	2276
0.3	10	14	125	67	146	576	488	35	.	.	1409
0.4	.	.	83	51	77	193	286	60	.	.	693
0.5	.	.	6	16	38	73	109	16	.	.	273
0.6	.	.	1	1	10	30	29	1	.	.	104
0.7	.	.	.	.	3	9	6	1	.	.	4
0.8	.	.	.	.	.	1	1	.	.	.	1
0.9	.	.	.	.	.	.	.	.	.	.	.
1.0	.	.	.	.	.	.	.	.	.	.	.
TOTAL	544	842	1504	1416	1863	2325	1296	176	0	0	
MEAN HS(M)=	3.1	LARGEST HS(M)= 12.1		MEAN TP(SEC)= 10.7			TOTAL CASES= 58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 33 (41.72N 124.78W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	4.4	4.2	3.8	3.2	2.5	2.2	2.1	1.9	2.0	3.0	4.0	4.6
1976												
1977												
1978												
1979												
1980												
1981												
1982												
1983												
1984												
1985												
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2018												
2019												
2020												
2021												
2022												
2023												
2024												
2025												

MEAN
 4.4 4.2 3.8 3.2 2.5 2.2 2.1 1.9 2.0 3.0 4.0 4.6

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 33 (41.72N 124.78W)

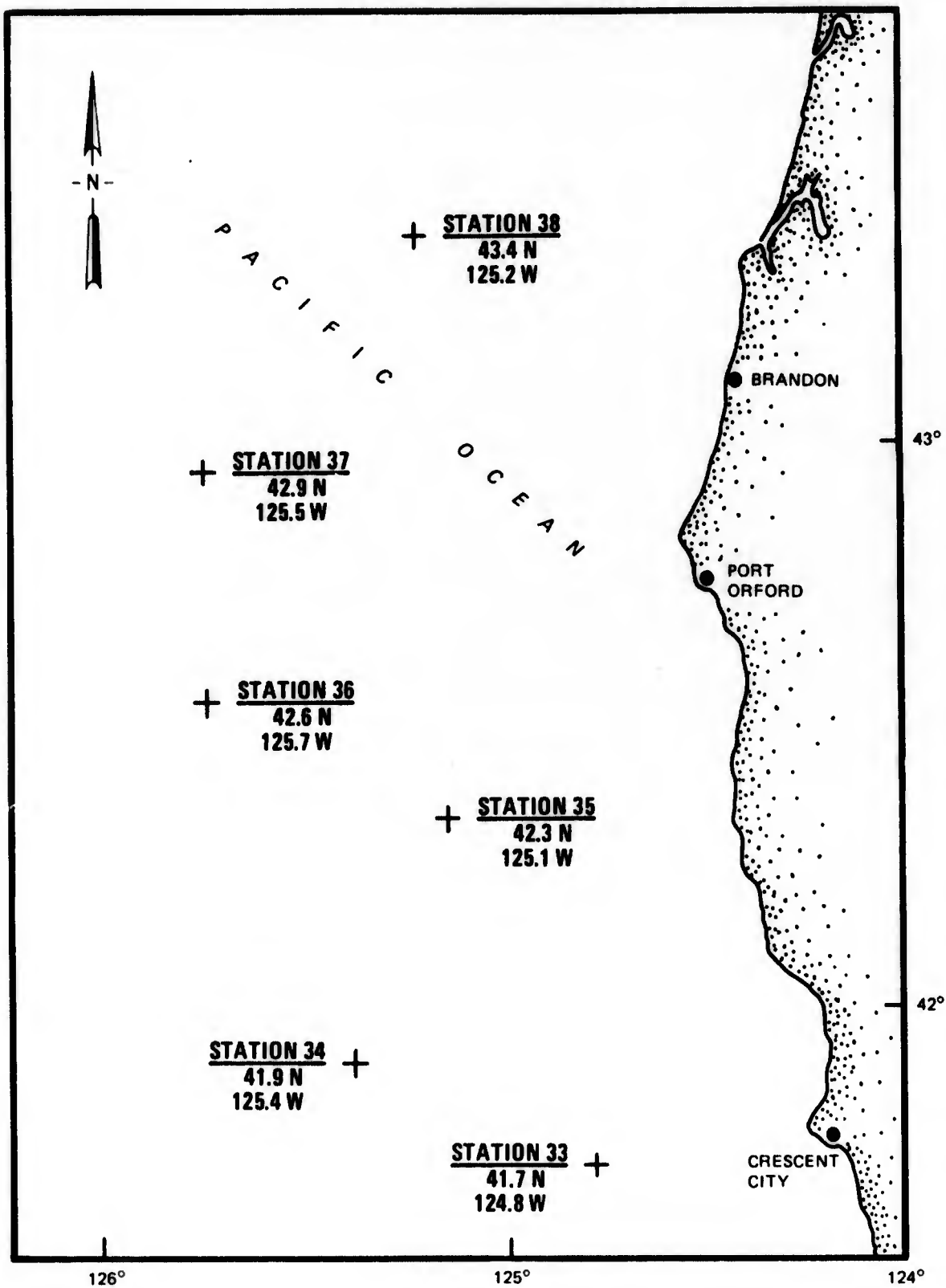
YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	11.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
1976												
1977												
1978												
1979												
1980												
1981												
1982												
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2019												
2020												
2021												
2022												
2023												
2024												
2025												

20 YR. STATISTICS FOR PACIFIC STATION 33 (41.72N 124.78W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025

APPENDIX E: STA 34 THROUGH 38



STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	68	18	.	.	.	1	.	.	.	.	87
2.0-2.9	80	37	.	.	1	.	.	.	.	.	164
3.0-3.9	1	13	30	1	1	.	3	.	.	.	167
4.0-4.9	.	3	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	157	531	41	1	2	1	4	0	0	0	437

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.6 NO. OF CASES= 437.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	10	.	.	.	.	.	.	.	.	.	10
2.0-2.9	22	.	.	1	1	.	.	.	.	.	26
3.0-3.9	.	11	.	.	.	.	3	.	.	.	14
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	32	33	0	1	1	0	3	0	0	0	43

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.6 NO. OF CASES= 43.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	5	1	.	.	3	.	.	.	.	.	10
3.0-3.9	1	.	.	.	1
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	5	1	0	0	3	0	0	1	0	0	7

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 8.9 NO. OF CASES= 7.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	1	1	3	.	.	.	.	.	.	.	6
3.0-3.9	.	6	.	.	.	.	.	.	.	.	6
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	7	3	0	1	0	0	0	0	0	8

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 6.9 NO. OF CASES= 8.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	3	1	1	.	.	.	.	.	.	.	0
4.0-4.9	.	5	.	.	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	6	1	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.7 NO. OF CASES= 7.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	.	6	.	.	1	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	14	0	0	1	0	0	0	0	0	10

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.3 NO. OF CASES= 10.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	6	5	.	.	.	.	.	.	.	.	1
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	6	5	0	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 6.4 NO. OF CASES= 7.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	3	15	.	.	.	.	.	.	.	.	1
4.0-4.9	.	6	.	.	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	21	0	0	0	0	0	0	0	0	15

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 6.6 NO. OF CASES= 15.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
TOTAL	13	47	11	17	1	1	0	0	0	0	57

MEAN HS(M) = 3.9 LARGEST HS(M) = 7.3 MEAN TP(SEC) = 7.7 NO. OF CASES = 57.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
TOTAL	5	101	180	126	245	160	21	0	0	0	502

MEAN HS(M) = 5.4 LARGEST HS(M) = 12.2 MEAN TP(SEC) = 10.2 NO. OF CASES = 502.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
TOTAL	7	199	522	523	775	833	309	9	0	0	1870

MEAN HS(M) = 5.4 LARGEST HS(M) = 13.1 MEAN TP(SEC) = 10.9 NO. OF CASES = 1870.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											
1.0-1.9											
2.0-2.9											
3.0-3.9											
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
TOTAL	8	260	936	1033	1750	2740	1434	90	0	0	4836

MEAN HS(M) = 4.6 LARGEST HS(M) = 11.2 MEAN TP(SEC) = 11.6 NO. OF CASES = 4836.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	10	256	1160	501	266	61	1	.	.	.	26
1	94	1307	8338	1808	1906	977	131	.	.	.	233
2	8	311	1433	424	1983	3429	1019	2	6	.	846
3	.	32	2433	159	559	3104	2046	23	.	.	104
4	.	.	855	104	135	819	1700	608	.	.	211
5	.	.	5	66	18	128	158	95	.	.	107
6	.	.	.	1	9	20	20	5	.	.	2
7	.	.	.	.	1	3	3	6	.	.	5
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	112	506	2488	3064	4948	8552	5669	711	6	0	15244

MEAN HS(M) = 3.7 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 11.9 NO. OF CASES= 15244.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	80	85	138	190	609	258	30	.	.	.	303
1	308	1064	4164	1909	4650	2749	379	.	.	.	1551
2	109	402	2032	4065	2491	4373	1571	17	.	.	1703
3	.	244	1210	535	371	1937	2114	307	.	.	658
4	.	8	58	67	77	330	817	116	.	.	462
5	.	.	.	1	4	6	3	3	.	.	162
6	.	.	.	.	.	.	.	.	.	.	4
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	497	1803	6764	6684	8746	9715	5184	858	6	0	23538

MEAN HS(M) = 2.9 LARGEST HS(M)= 9.5 MEAN TP(SEC)= 11.1 NO. OF CASES= 23538.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	61	39	3	296	75	47	1	0	.	.	103
1	1305	1350	1358	296	75	47	1	0	.	.	4440
2	1093	2393	1136	1635	797	143	20	0	.	.	7217
3	.	828	140	157	598	414	44	0	.	.	2315
4	.	34	189	17	32	140	22	.	.	.	452
5	.	.	23	17	.	.	.	.	.	.	6
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2459	4644	2849	2122	1502	744	157	16	0	0	8479

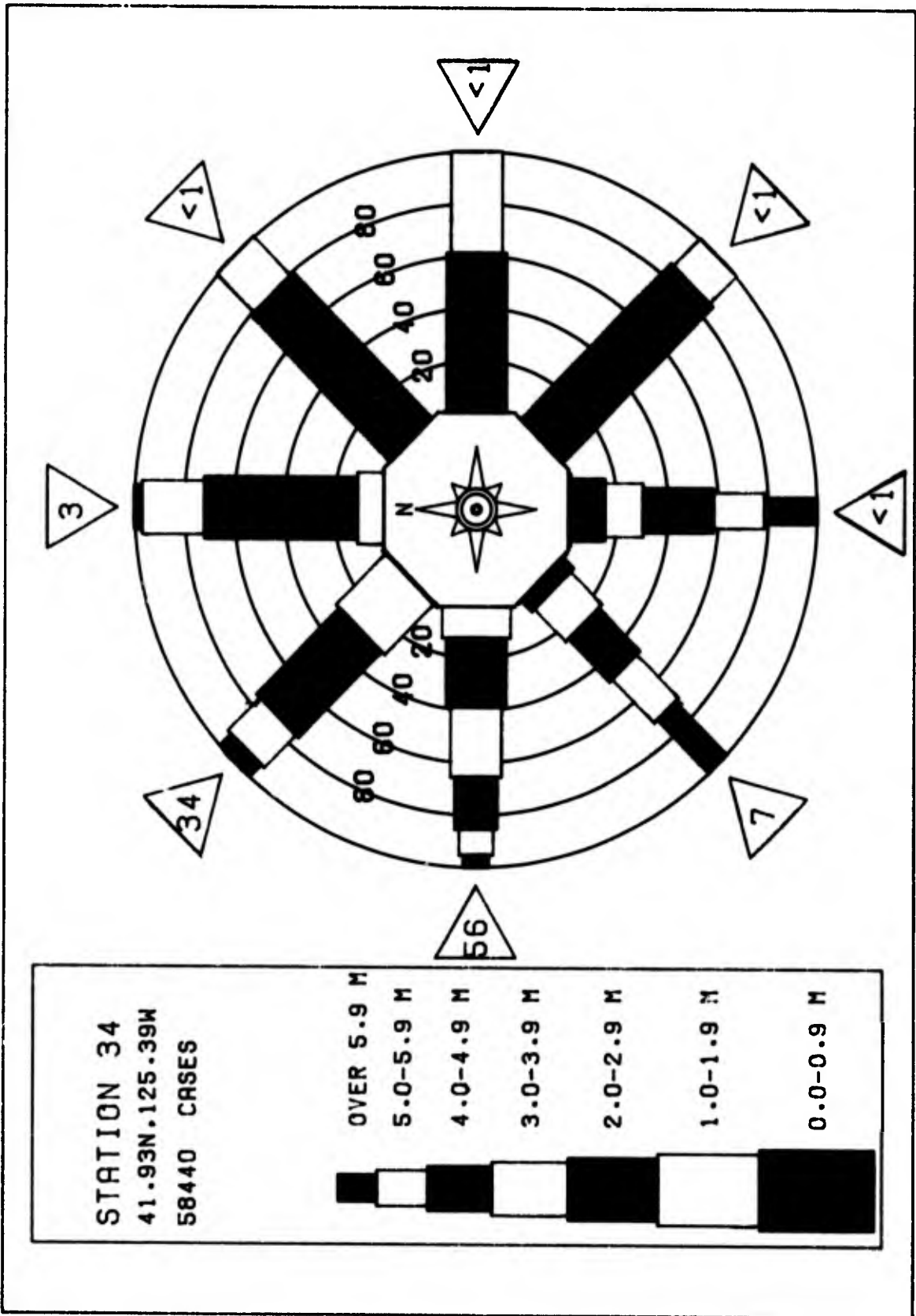
MEAN HS(M) = 2.4 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 8.2 NO. OF CASES= 8479.

STATION 34 41.93N 125.39W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	5	.	.	.	.	.	.	.	.	6
1	562	208	13	80	41	.	.	.	.	.	775
2	744	2655	1003	80	41	.	.	.	.	.	3625
3	1	903	130	3	47	1	.	1	.	.	1164
4	.	34	130	10	17	.	.	.	.	.	194
5	.	.	1	3	.	.	.	.	.	.	4
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1308	3797	447	96	105	1	13	1	0	0	3378

MEAN HS(M) = 2.6 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 6.7 NO. OF CASES= 3378.

HEIGHT (METRES)	STATION 34 41.93N 125.39W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	13	15								43
1.0-1.9	211	201	144	274	116	30	2				1647
2.0-2.9		200	144	790	794	300	60				3206
3.0-3.9		200	144	144	506	617	274				2200
4.0-4.9		200	144	58	153	17	45				1470
5.0-5.9			43	71	54	202	30				756
6.0-6.9			3	26	27	68	17				309
7.0-7.9				3	27	30	3				116
8.0-8.9					3	17	3				30
9.0-9.9						4	3				8
10.0+						1	3				4
TOTAL	461	1198	1423	1366	1807	2273	1278	165	0	0	58440
MEAN HS(M)=	3.2	LARGEST HS(M)=	13.1	MEAN TP(SEC)=	10.6	TOTAL CASES=	58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 34 (41.93N 125.39W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	4.6	4.3	3.9	3.3	2.6	2.3	2.1	2.0	2.1	3.1	4.1	4.8		

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 34 (41.93N 125.39W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2001	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2003	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2004	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2005	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2006	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2007	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2008	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2010	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2011	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2012	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2014	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2015	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2016	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2017	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2018	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2020	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

20 YR. STATISTICS FOR PACIFIC STATION 34 (41.93N 125.39W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 2% 5% (CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.1
 2.5
 1
 2
 1
 2
 7401518

STATION 35 42.34N 125.13W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	204	55	25	3	11	0	0	0	0	0	177

MEAN HS(M) = 2.3 LARGEST HS(M) = 3.5 MEAN TP(SEC) = 6.2 NO. OF CASES = 177.

STATION 35 42.34N 125.13W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	0
2	0
3	1	.	.	.	.	.	.	.	.	.	1
4	2	.	.	.	.	.	.	.	.	.	2
5	3	.	.	.	.	.	.	.	.	.	3
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	36	0	1	0	1	0	0	0	0	0	24

MEAN HS(M) = 2.2 LARGEST HS(M) = 3.3 MEAN TP(SEC) = 5.7 NO. OF CASES = 24.

STATION 35 42.34N 125.13W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	0
2	0
3	1	.	.	.	.	.	.	.	.	.	1
4	3	.	.	.	.	.	.	.	.	.	3
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	4	0	1	0	0	0	0	0	0	0	4

MEAN HS(M) = 2.8 LARGEST HS(M) = 3.2 MEAN TP(SEC) = 6.4 NO. OF CASES = 4.

STATION 35 42.34N 125.13W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	0
2	0
3	1	.	.	.	.	.	.	.	.	.	1
4	1	.	.	.	.	.	.	.	.	.	1
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	2	0	0	0	1	0	0	0	0	0	3

MEAN HS(M) = 2.0 LARGEST HS(M) = 3.3 MEAN TP(SEC) = 7.5 NO. OF CASES = 3.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	3	1	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	1	0	0	0	0	0	0	0	0	3.

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 5.8 NO. OF CASES= 3.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	1	1	.	.	1	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	2	0	0	1	0	0	0	0	0	4.

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 7.2 NO. OF CASES= 4.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	3	3	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	3	3	0	0	0	0	0	0	0	0	4.

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 6.3 NO. OF CASES= 4.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	13	3	.	.	.	.	.	.	.	.	16
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	13	3	0	0	0	0	0	0	0	0	10.

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 5.8 NO. OF CASES= 10.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	20	42	15	67	37	73	1	.	.	.	71
1.0-1.9	8	27	10	21	21	10	22	32	5	.	3197
2.0-2.9	.	13	15	41	21	32	11	71	.	.	6658
3.0-3.9	.	25	10	10	17	10	14	75	.	.	7808
4.0-4.9	.	35	5	24	6	12	20	22	.	.	6552
5.0-5.9	.	20	85	102	56	13	30	24	.	.	3213
6.0-6.9	.	.	.	3	1	1	3	27	.	.	1155
7.0-7.9	.	.	.	.	.	.	5	92	.	.	224
8.0-8.9	.	.	.	.	.	.	3	3	.	.	48
9.0-9.9	.	.	.	.	.	.	6	5	.	.	14
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	115	682	3128	3545	5522	9025	6169	749	5	0	

MEAN HS(M) = 3.6 LARGEST HS(M) = 9.8 MEAN TP(SEC) = 11.8 NO. OF CASES = 16929.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	128	107	123	225	99	277	37	.	.	.	359
1.0-1.9	138	133	46	41	49	28	41	.	.	.	10032
2.0-2.9	13	20	19	53	21	43	15	15	.	.	15011
3.0-3.9	3	28	22	77	34	16	20	12	.	.	9163
4.0-4.9	.	8	41	68	56	26	77	35	.	.	4500
5.0-5.9	.	.	1	1	4	1	19	88	.	.	1546
6.0-6.9	.	.	.	.	.	3	2	.	.	.	355
7.0-7.9	.	.	.	.	.	.	3	.	.	.	28
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	652	2251	7188	7105	8471	9433	5072	825	0	0	

MEAN HS(M) = 2.8 LARGEST HS(M) = 8.4 MEAN TP(SEC) = 10.9 NO. OF CASES = 23972.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	73	32	11	30	27	27	8	13	.	.	116
1.0-1.9	140	15	13	13	27	10	8	13	.	.	4755
2.0-2.9	76	21	13	13	7	10	17	3	.	.	6331
3.0-3.9	8	46	25	13	4	27	4	3	.	.	1673
4.0-4.9	.	20	8	30	23	56	15	.	.	.	268
5.0-5.9	.	.	.	6	.	.	.	.	.	.	14
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2257	4287	2899	1873	1276	462	84	19	0	0	

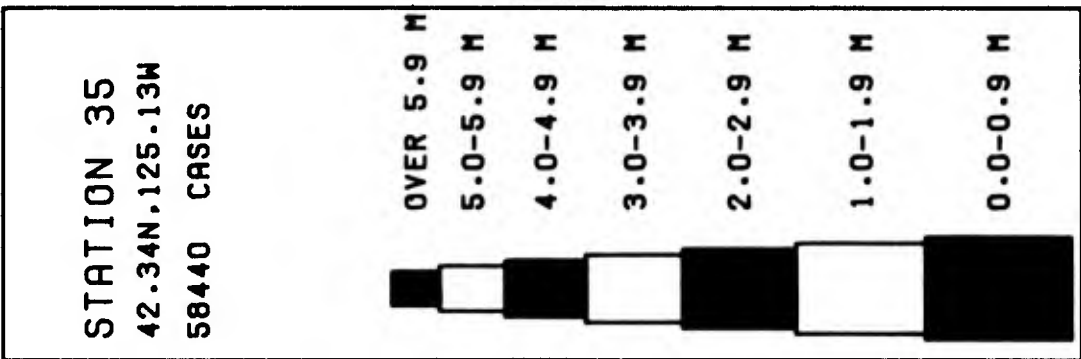
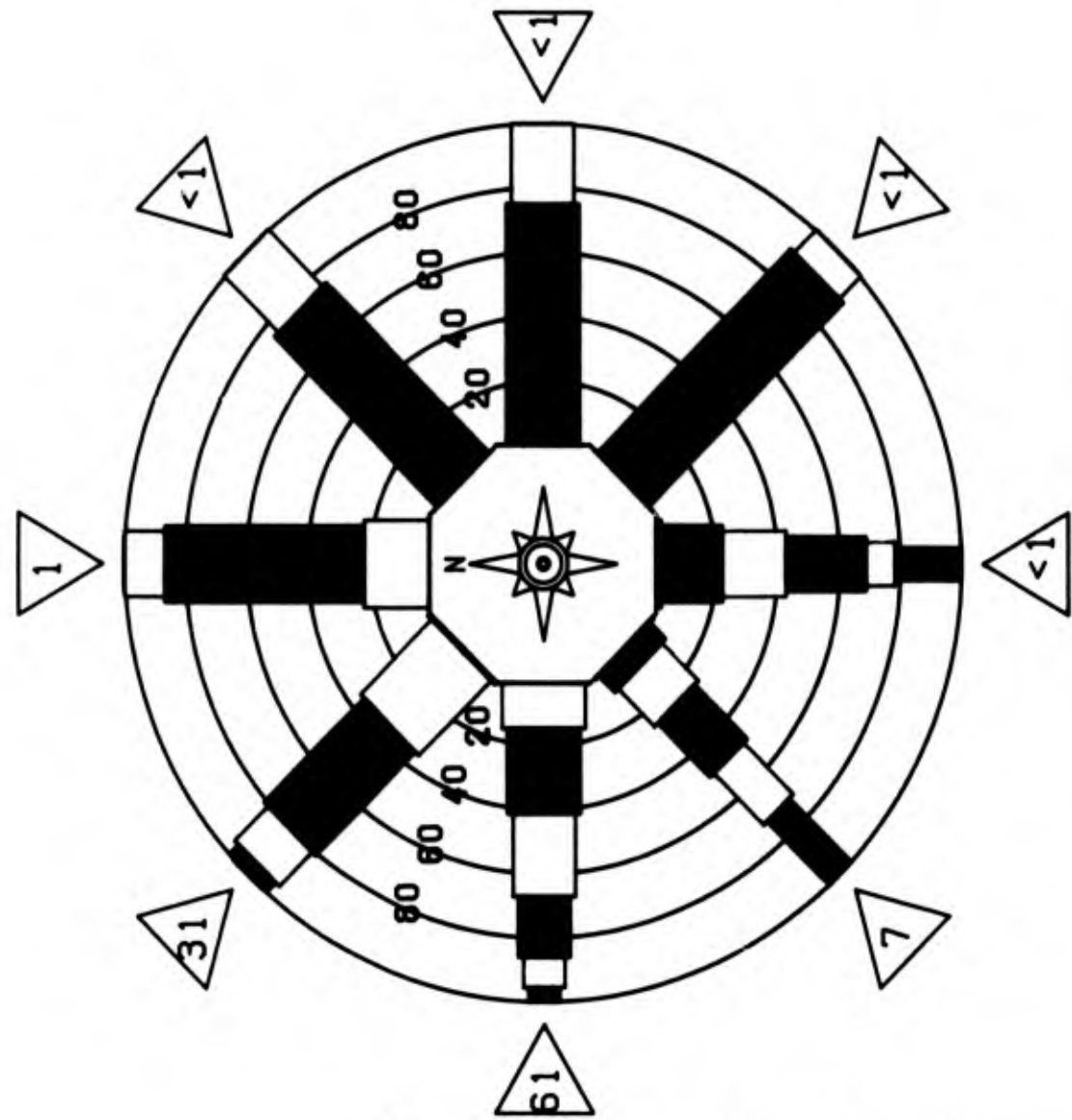
MEAN HS(M) = 2.2 LARGEST HS(M) = 5.6 MEAN TP(SEC) = 8.1 NO. OF CASES = 7700.

STATION 35 42 34N 125 13W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	39	23	26	6	.	.	.	.	.	.	9
1.0-1.9	54	15	15	6	1	.	.	.	.	.	643
2.0-2.9	8	20	27	15	18	1	5	.	.	.	2291
3.0-3.9	.	1	32	.	.	.	1	.	.	.	519
4.0-4.9	.	.	.	.	.	.	.	.	.	.	34
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	952	1943	479	86	24	1	11	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M) = 4.6 MEAN TP(SEC) = 6.8 NO. OF CASES = 2050.

HEIGHT (METRES)	STATION 35 42 34N 125 13W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	22	14	17								53
1.0-1.9	238	369	779	328	140	39					1699
2.0-2.9	164	445	462	810	809	410					3176
3.0-3.9	4	130	129	148	157	89					1438
4.0-4.9		13	104	67	157	202					759
5.0-5.9			33	60	79	206					509
6.0-6.9				20	48	77					311
7.0-7.9				1	21	40					118
8.0-8.9					2	14					27
9.0-9.9						3					3
10.0+						1					
TOTAL	428	971	1527	1432	1826	2292	1324	170	0	0	58440
MEAN HS(M)=	3.2	LARGEST HS(M)= 12.4		MEAN TP(SEC)= 10.7			TOTAL CASES= 58440.				



MEAN HS(METRES) BY MONTH AND YEAR
 WIS STATION 35 (42.34N 125.13W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1967	4.5	4.2	3.8	3.2	2.5	2.2	2.0	1.9	2.1	3.1	4.1	4.8	

LARGEST HS(METRES) BY MONTH AND YEAR
 WIS STATION 35 (42.34N 125.13W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1967	10	7	6	5	5	5	5	5	5	5	5	5

20 YR. STATISTICS FOR PACIFIC STATION 35 (42.34N 125.13W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

69121111

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	168	736	77	1	0	0	6	0	0	0	581

MEAN HS(M) = 2.8 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 6.8 NO. OF CASES= 581.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	23	61	0	0	5	0	1	1	0	0	56

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.0 NO. OF CASES= 56.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	3	4	3	0	0	0	1	0	0	0	8

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 8.0 NO. OF CASES= 8.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1	8	1	0	0	0	1	0	0	0	8

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 7.7 NO. OF CASES= 8.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	6	.	.	.	.	.	.	.	.	1
2.0-2.9	.	11	.	.	.	.	1	.	.	.	1
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	17	0	0	0	0	2	0	0	0	14

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 7.6 NO. OF CASES= 14.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	5	.	.	1	.	.	.	.	.	0
2.0-2.9	.	5	.	.	.	.	1	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	10	0	0	1	0	1	0	0	0	8

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 8.3 NO. OF CASES= 8.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	6	10	.	.	.	.	1	.	.	.	1
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	6	11	0	0	0	0	1	0	0	0	12

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 7.2 NO. OF CASES= 12.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	.	17	.	.	.	.	.	.	.	.	2
3.0-3.9	.	8	5	.	.	.	.	.	.	.	1
4.0-4.9	.	.	1	.	.	.	.	.	.	.	1
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	6	25	6	0	0	0	0	0	0	0	23

MEAN HS(M) = 3.3 LARGEST HS(M)= 5.0 MEAN TP(SEC)= 6.8 NO. OF CASES= 23.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	1
2.0-2.9	.	15	.	.	.	.	.	.	.	.	15
3.0-3.9	.	23	.	.	.	.	.	.	.	.	23
4.0-4.9	.	6	.	.	.	.	.	.	.	.	6
5.0-5.9	.	.	6	.	.	.	.	.	.	.	6
6.0-6.9	.	.	27	.	.	.	.	.	.	.	27
7.0-7.9	.	.	17	.	.	.	.	.	.	.	17
8.0-8.9	.	.	1	.	.	.	.	.	.	.	1
9.0-9.9	.	.	.	20	.	.	.	.	.	.	20
10.0+	.	.	.	3	3	.	.	.	.	.	6
TOTAL	1	45	51	36	7	11	1	0	0	0	111

MEAN HS(M) = 4.9 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 8.9 NO. OF CASES= 96.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	5	13	13	.	3	.	.	.	.	.	34
2.0-2.9	.	61	37	13	22	.	.	.	.	.	133
3.0-3.9	.	27	13	34	13	1	.	.	.	.	108
4.0-4.9	.	1	17	22	90	15	1	.	.	.	156
5.0-5.9	.	.	17	49	100	10	8	1	.	.	195
6.0-6.9	.	.	.	10	49	22	10	.	.	.	111
7.0-7.9	.	.	.	1	13	15	10	.	.	.	49
8.0-8.9	1	15	10	.	.	.	36
9.0-9.9	15	10	.	.	.	35
10.0+	1	.	.	.	.	1
TOTAL	5	102	273	199	291	199	43	1	0	0	662

MEAN HS(M) = 5.7 LARGEST HS(M)= 12.7 MEAN TP(SEC)= 10.2 NO. OF CASES= 662.

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	5	.	.	.	.	.	.	.	5
1.0-1.9	5	22	75	23	18	17	8	.	.	.	188
2.0-2.9	.	145	106	66	14	14	14	.	.	.	366
3.0-3.9	.	63	297	207	14	14	14	.	.	.	739
4.0-4.9	.	.	183	136	17	37	14	.	.	.	487
5.0-5.9	.	.	18	17	17	17	14	.	.	.	100
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	5	230	684	551	879	916	348	10	0	0	2130

MEAN HS(M) = 5.5 LARGEST HS(M)= 12.7 MEAN TP(SEC)= 10.8 NO. OF CASES= 2130.

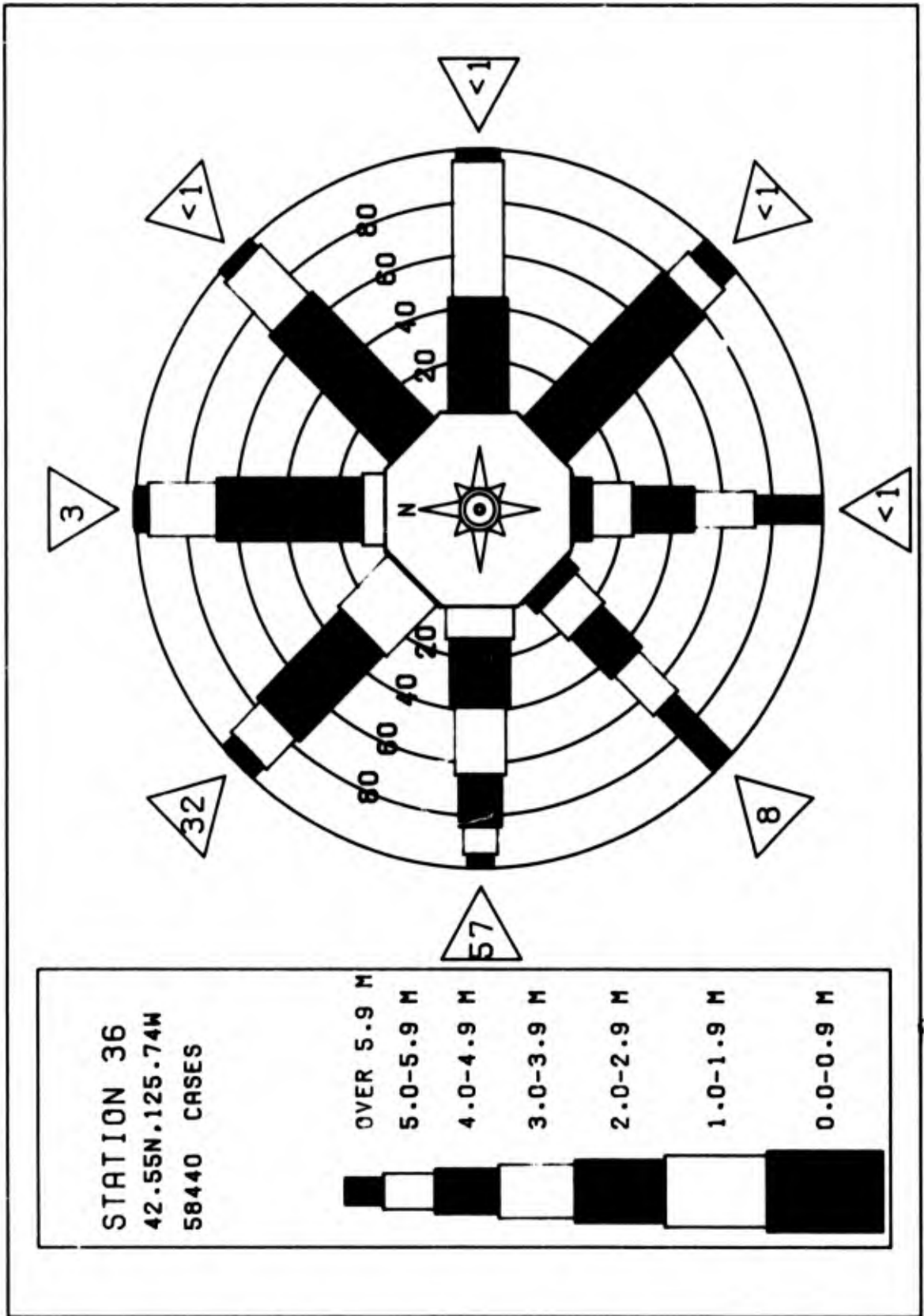
STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	1
1.0-1.9	10	35	13	46	10	8	.	.	.	.	122
2.0-2.9	13	104	30	34	24	10	.	.	.	.	228
3.0-3.9	.	159	105	37	15	15	.	.	.	.	331
4.0-4.9	.	34	150	113	15	15	.	.	.	.	332
5.0-5.9	.	.	15	15	15	15	.	.	.	.	60
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	23	332	1031	1224	2018	2891	1660	123	3	0	5452

MEAN HS(M) = 4.6 LARGEST HS(M)= 11.4 MEAN TP(SEC)= 11.5 NO. OF CASES= 5452.

HEIGHT (METRES)	STATION 36 42 55N 125 74W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	20	10	12								42
1.0-1.9	250	293	661	263	111	32	3				161
2.0-2.9	197	226	452	786	742	361	49				321
3.0-3.9		226	90	156	564	842	272	3			222
4.0-4.9		29	156	50	166	634	420				226
5.0-5.9			66	77	70	208	340	16			149
6.0-6.9			6	40	68	68	136	54			148
7.0-7.9				4	35	46	45	15			145
8.0-8.9					7	21	13	4			14
9.0-9.9						8	4	1			13
10.0+						3	4				7
TOTAL	467	1240	1443	1376	1763	2223	1294	160	0	0	58440

MEAN HS(M)= 3.3 LARGEST HS(M)= 12.7 MEAN TP(SEC)= 10.6 TOTAL CASES= 58440.



STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0-10.9											0
11.0-11.9											0
12.0-12.9											0
13.0-13.9											0
14.0-14.9											0
15.0-15.9											0
16.0-16.9											0
17.0-17.9											0
18.0-18.9											0
19.0-19.9											0
20.0-20.9											0
21.0-21.9											0
22.0-22.9											0
23.0-23.9											0
24.0-24.9											0
25.0-25.9											0
26.0-26.9											0
27.0-27.9											0
28.0-28.9											0
29.0-29.9											0
30.0-30.9											0
31.0-31.9											0
32.0-32.9											0
33.0-33.9											0
34.0-34.9											0
35.0-35.9											0
36.0-36.9											0
37.0-37.9											0
38.0-38.9											0
39.0-39.9											0
40.0-40.9											0
41.0-41.9											0
42.0-42.9											0
43.0-43.9											0
44.0-44.9											0
45.0-45.9											0
46.0-46.9											0
47.0-47.9											0
48.0-48.9											0
49.0-49.9											0
50.0-50.9											0
TOTAL	148	359	29	2	1	0	1	0	0	0	320

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 6.5 NO. OF CASES= 320.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0-10.9											0
11.0-11.9											0
12.0-12.9											0
13.0-13.9											0
14.0-14.9											0
15.0-15.9											0
16.0-16.9											0
17.0-17.9											0
18.0-18.9											0
19.0-19.9											0
20.0-20.9											0
21.0-21.9											0
22.0-22.9											0
23.0-23.9											0
24.0-24.9											0
25.0-25.9											0
26.0-26.9											0
27.0-27.9											0
28.0-28.9											0
29.0-29.9											0
30.0-30.9											0
31.0-31.9											0
32.0-32.9											0
33.0-33.9											0
34.0-34.9											0
35.0-35.9											0
36.0-36.9											0
37.0-37.9											0
38.0-38.9											0
39.0-39.9											0
40.0-40.9											0
41.0-41.9											0
42.0-42.9											0
43.0-43.9											0
44.0-44.9											0
45.0-45.9											0
46.0-46.9											0
47.0-47.9											0
48.0-48.9											0
49.0-49.9											0
50.0-50.9											0
TOTAL	7	28	5	0	0	0	0	0	0	0	25

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 6.7 NO. OF CASES= 25.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0-10.9											0
11.0-11.9											0
12.0-12.9											0
13.0-13.9											0
14.0-14.9											0
15.0-15.9											0
16.0-16.9											0
17.0-17.9											0
18.0-18.9											0
19.0-19.9											0
20.0-20.9											0
21.0-21.9											0
22.0-22.9											0
23.0-23.9											0
24.0-24.9											0
25.0-25.9											0
26.0-26.9											0
27.0-27.9											0
28.0-28.9											0
29.0-29.9											0
30.0-30.9											0
31.0-31.9											0
32.0-32.9											0
33.0-33.9											0
34.0-34.9											0
35.0-35.9											0
36.0-36.9											0
37.0-37.9											0
38.0-38.9											0
39.0-39.9											0
40.0-40.9											0
41.0-41.9											0
42.0-42.9											0
43.0-43.9											0
44.0-44.9											0
45.0-45.9											0
46.0-46.9											0
47.0-47.9											0
48.0-48.9											0
49.0-49.9											0
50.0-50.9											0
TOTAL	5	0	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 5.6 NO. OF CASES= 3.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 0.0 LARGEST HS(M) = 0.0 MEAN TP(SEC) = 0.0 NO. OF CASES = 0

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	3	1	.	.	.	.	.	.	.	.	4
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	1	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.5 LARGEST HS(M) = 2.7 MEAN TP(SEC) = 6.3 NO. OF CASES = 3

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	5	.	.	.	.	.	.	.	.	6
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	6	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 2.6 LARGEST HS(M) = 3.0 MEAN TP(SEC) = 6.6 NO. OF CASES = 5

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	20	1	.	.	1	.	.	.	.	.	22
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	20	1	0	0	1	0	0	0	0	0	14

MEAN HS(M) = 2.3 LARGEST HS(M) = 2.6 MEAN TP(SEC) = 6.1 NO. OF CASES = 14

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	8	23	19	16	9	0	0	0	0	0	47.

MEAN HS(M) = 4.1 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 8.2 NO. OF CASES= 47.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	4	56	138	143	250	177	25	0	0	0	475.

MEAN HS(M) = 5.6 LARGEST HS(M)= 12.4 MEAN TP(SEC)= 10.5 NO. OF CASES= 475.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	10	147	555	518	874	981	346	6	0	0	2020.

MEAN HS(M) = 5.5 LARGEST HS(M)= 12.8 MEAN TP(SEC)= 11.0 NO. OF CASES= 2020.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	19	312	1100	1236	2179	3186	1885	138	0	0	5893.

MEAN HS(M) = 4.7 LARGEST HS(M)= 11.2 MEAN TP(SEC)= 11.6 NO. OF CASES= 5893.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	18	15	15	634	373	42	.	.	.	.	48
1.0-1.9	87	441	1493	2337	2077	1069	.	.	.	.	3075
2.0-2.9	17	142	1182	516	2289	4321	160	.	.	.	7066
3.0-3.9	.	155	181	207	2734	3536	133	.	.	.	7656
4.0-4.9	.	30	207	150	140	1016	133	.	.	.	7051
5.0-5.9	.	.	100	118	99	119	133	203	.	.	3483
6.0-6.9	.	.	1	70	37	115	119	201	.	.	1285
7.0-7.9	.	.	.	10	1	11	42	65	.	.	246
8.0-8.9	.	.	.	.	.	3	6	1	.	.	59
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	.	.
TOTAL	122	703	3273	3895	5741	9192	6353	616	0	0	17534.

MEAN HS(M) = 3.6 LARGEST HS(M) = 10.0 MEAN TP(SEC) = 11.7 NO. OF CASES = 17534.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	80	73	150	11	11	778	299	34	.	.	314
1.0-1.9	504	1201	4101	1833	4168	2564	436	.	.	.	9009
2.0-2.9	143	260	203	406	2323	4113	1391	.	.	.	14292
3.0-3.9	.	258	203	629	351	1902	1714	104	3	.	9077
4.0-4.9	.	18	152	56	381	1902	1714	344	.	.	4467
5.0-5.9	.	.	47	59	61	388	214	249	.	.	1538
6.0-6.9	.	.	.	17	46	70	210	53	.	.	396
7.0-7.9	.	.	.	3	5	.	42	.	.	.	50
8.0-8.9	.	.	.	.	.	.	6	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	727	2210	7289	6660	7960	9068	4557	675	3	0	22894.

MEAN HS(M) = 2.8 LARGEST HS(M) = 8.2 MEAN TP(SEC) = 10.9 NO. OF CASES = 22894.

STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	35	13	5	5	5	16	.	.	.	.	53
1.0-1.9	1300	1149	934	256	47	16	.	6	.	.	3707
2.0-2.9	958	2433	973	1170	609	652	16	6	.	.	6265
3.0-3.9	.	667	83	111	422	239	27	5	.	.	1577
4.0-4.9	.	37	124	11	11	83	23	.	.	.	280
5.0-5.9	.	.	8	5	.	1	18	.	.	.	22
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2293	4306	2127	1563	1089	430	103	11	0	0	6979.

MEAN HS(M) = 2.3 LARGEST HS(M) = 5.8 MEAN TP(SEC) = 7.9 NO. OF CASES = 6979.

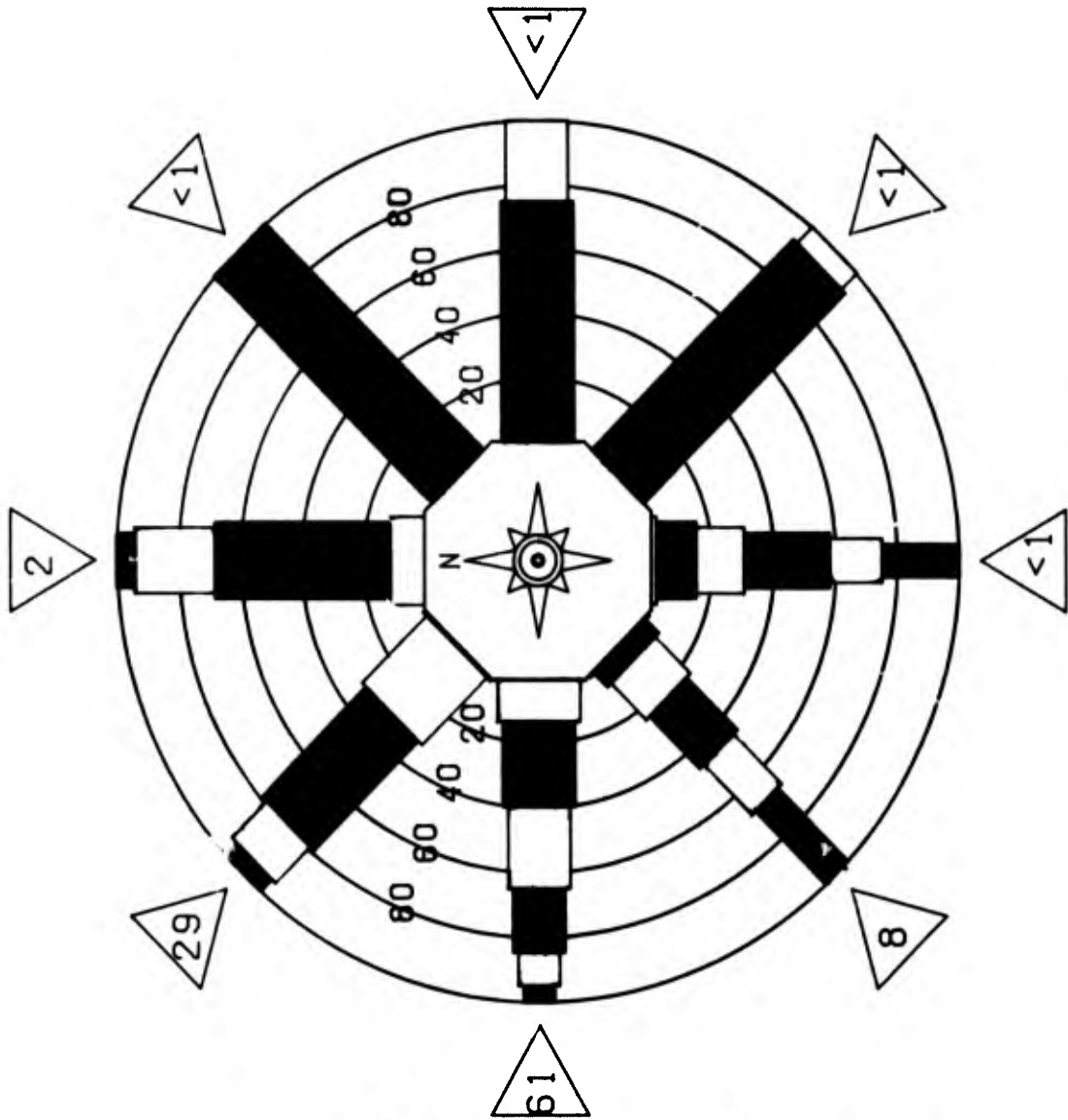
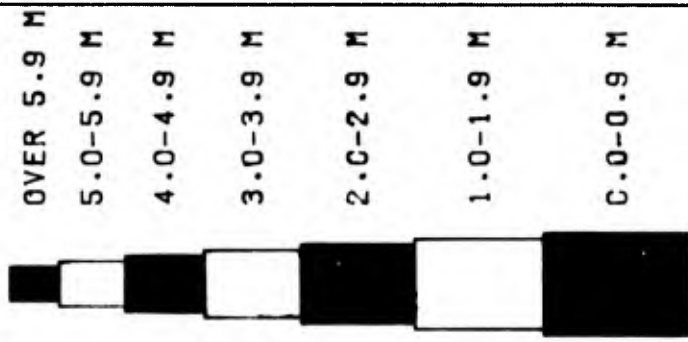
STATION 37 42.96N 125.48W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	.	.	.	.	.	.	.	.	.	10
1.0-1.9	303	143	6	.	1	.	.	.	.	.	548
2.0-2.9	465	1800	37	35	10	5	3	.	.	.	2355
3.0-3.9	.	665	47	6	8	.	11	.	.	.	737
4.0-4.9	.	34	92	13	1	.	1	.	.	.	141
5.0-5.9	.	.	.	1	.	.	3	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	873	2642	182	55	20	5	18	0	0	0	2226.

MEAN HS(M) = 2.6 LARGEST HS(M) = 5.4 MEAN TP(SEC) = 6.6 NO. OF CASES = 2226.

STATION 37 41.96N 125.48W FOR ALL DIRECTIONS											
HEIGHT(METRES)	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.5	14	10	17	1	1	1	1	1	1	1	1
0.5-1.0	236	298	609	27	12	12	12	12	12	12	12
1.0-1.5	174	241	489	80	16	16	16	16	16	16	16
1.5-2.0	1	21	124	165	16	16	16	16	16	16	16
2.0-2.5	1	1	1	1	1	1	1	1	1	1	1
2.5-3.0	1	1	1	1	1	1	1	1	1	1	1
3.0-3.5	1	1	1	1	1	1	1	1	1	1	1
3.5-4.0	1	1	1	1	1	1	1	1	1	1	1
4.0-4.5	1	1	1	1	1	1	1	1	1	1	1
4.5-5.0	1	1	1	1	1	1	1	1	1	1	1
5.0-5.5	1	1	1	1	1	1	1	1	1	1	1
5.5-6.0	1	1	1	1	1	1	1	1	1	1	1
6.0-6.5	1	1	1	1	1	1	1	1	1	1	1
6.5-7.0	1	1	1	1	1	1	1	1	1	1	1
7.0-7.5	1	1	1	1	1	1	1	1	1	1	1
7.5-8.0	1	1	1	1	1	1	1	1	1	1	1
8.0-8.5	1	1	1	1	1	1	1	1	1	1	1
8.5-9.0	1	1	1	1	1	1	1	1	1	1	1
9.0-9.5	1	1	1	1	1	1	1	1	1	1	1
9.5-10.0	1	1	1	1	1	1	1	1	1	1	1
10.0-10.5	1	1	1	1	1	1	1	1	1	1	1
10.5-11.0	1	1	1	1	1	1	1	1	1	1	1
11.0-11.5	1	1	1	1	1	1	1	1	1	1	1
11.5-12.0	1	1	1	1	1	1	1	1	1	1	1
12.0-12.5	1	1	1	1	1	1	1	1	1	1	1
12.5-13.0	1	1	1	1	1	1	1	1	1	1	1
13.0-13.5	1	1	1	1	1	1	1	1	1	1	1
13.5-14.0	1	1	1	1	1	1	1	1	1	1	1
14.0-14.5	1	1	1	1	1	1	1	1	1	1	1
14.5-15.0	1	1	1	1	1	1	1	1	1	1	1
15.0-15.5	1	1	1	1	1	1	1	1	1	1	1
15.5-16.0	1	1	1	1	1	1	1	1	1	1	1
16.0-16.5	1	1	1	1	1	1	1	1	1	1	1
16.5-17.0	1	1	1	1	1	1	1	1	1	1	1
17.0-17.5	1	1	1	1	1	1	1	1	1	1	1
17.5-18.0	1	1	1	1	1	1	1	1	1	1	1
18.0-18.5	1	1	1	1	1	1	1	1	1	1	1
18.5-19.0	1	1	1	1	1	1	1	1	1	1	1
19.0-19.5	1	1	1	1	1	1	1	1	1	1	1
19.5-20.0	1	1	1	1	1	1	1	1	1	1	1
20.0-20.5	1	1	1	1	1	1	1	1	1	1	1
20.5-21.0	1	1	1	1	1	1	1	1	1	1	1
21.0-21.5	1	1	1	1	1	1	1	1	1	1	1
21.5-22.0	1	1	1	1	1	1	1	1	1	1	1
22.0-22.5	1	1	1	1	1	1	1	1	1	1	1
22.5-23.0	1	1	1	1	1	1	1	1	1	1	1
23.0-23.5	1	1	1	1	1	1	1	1	1	1	1
23.5-24.0	1	1	1	1	1	1	1	1	1	1	1
24.0-24.5	1	1	1	1	1	1	1	1	1	1	1
24.5-25.0	1	1	1	1	1	1	1	1	1	1	1
25.0-25.5	1	1	1	1	1	1	1	1	1	1	1
25.5-26.0	1	1	1	1	1	1	1	1	1	1	1
26.0-26.5	1	1	1	1	1	1	1	1	1	1	1
26.5-27.0	1	1	1	1	1	1	1	1	1	1	1
27.0-27.5	1	1	1	1	1	1	1	1	1	1	1
27.5-28.0	1	1	1	1	1	1	1	1	1	1	1
28.0-28.5	1	1	1	1	1	1	1	1	1	1	1
28.5-29.0	1	1	1	1	1	1	1	1	1	1	1
29.0-29.5	1	1	1	1	1	1	1	1	1	1	1
29.5-30.0	1	1	1	1	1	1	1	1	1	1	1
30.0-30.5	1	1	1	1	1	1	1	1	1	1	1
30.5-31.0	1	1	1	1	1	1	1	1	1	1	1
31.0-31.5	1	1	1	1	1	1	1	1	1	1	1
31.5-32.0	1	1	1	1	1	1	1	1	1	1	1
32.0-32.5	1	1	1	1	1	1	1	1	1	1	1
32.5-33.0	1	1	1	1	1	1	1	1	1	1	1
33.0-33.5	1	1	1	1	1	1	1	1	1	1	1
33.5-34.0	1	1	1	1	1	1	1	1	1	1	1
34.0-34.5	1	1	1	1	1	1	1	1	1	1	1
34.5-35.0	1	1	1	1	1	1	1	1	1	1	1
35.0-35.5	1	1	1	1	1	1	1	1	1	1	1
35.5-36.0	1	1	1	1	1	1	1	1	1	1	1
36.0-36.5	1	1	1	1	1	1	1	1	1	1	1
36.5-37.0	1	1	1	1	1	1	1	1	1	1	1
37.0-37.5	1	1	1	1	1	1	1	1	1	1	1
37.5-38.0	1	1	1	1	1	1	1	1	1	1	1
38.0-38.5	1	1	1	1	1	1	1	1	1	1	1
38.5-39.0	1	1	1	1	1	1	1	1	1	1	1
39.0-39.5	1	1	1	1	1	1	1	1	1	1	1
39.5-40.0	1	1	1	1	1	1	1	1	1	1	1
40.0-40.5	1	1	1	1	1	1	1	1	1	1	1
40.5-41.0	1	1	1	1	1	1	1	1	1	1	1
41.0-41.5	1	1	1	1	1	1	1	1	1	1	1
41.5-42.0	1	1	1	1	1	1	1	1	1	1	1
42.0-42.5	1	1	1	1	1	1	1	1	1	1	1
42.5-43.0	1	1	1	1	1	1	1	1	1	1	1
43.0-43.5	1	1	1	1	1	1	1	1	1	1	1
43.5-44.0	1	1	1	1	1	1	1	1	1	1	1
44.0-44.5	1	1	1	1	1	1	1	1	1	1	1
44.5-45.0	1	1	1	1	1	1	1	1	1	1	1
45.0-45.5	1	1	1	1	1	1	1	1	1	1	1
45.5-46.0	1	1	1	1	1	1	1	1	1	1	1
46.0-46.5	1	1	1	1	1	1	1	1	1	1	1
46.5-47.0	1	1	1	1	1	1	1	1	1	1	1
47.0-47.5	1	1	1	1	1	1	1	1	1	1	1
47.5-48.0	1	1	1	1	1	1	1	1	1	1	1
48.0-48.5	1	1	1	1	1	1	1	1	1	1	1
48.5-49.0	1	1	1	1	1	1	1	1	1	1	1
49.0-49.5	1	1	1	1	1	1	1	1	1	1	1
49.5-50.0	1	1	1	1	1	1	1	1	1	1	1
TOTAL	424	1087	1470	1409	1811	2302	1327	141	0	0	58440
MEAN HS(M)=	3.3	LARGEST HS(M)= 12.8			MEAN TP(SEC)= 10.6			TOTAL CASES= 58440.			

STATION 37
 42.96N, 125.48W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 37 (42.96N 125.48W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
1996	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4
1997	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
1998	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
1999	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
2000	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
2001	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
2002	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
2003	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
2004	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
2005	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
2006	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
2007	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
2008	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
2009	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
2010	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
2011	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
2012	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
2013	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1
2014	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
2015	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
2016	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
2017	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
2018	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6
2019	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7
2020	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
2021	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
2022	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 37 (42.96N 125.48W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1995	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6
1996	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7
1997	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8
1998	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9
1999	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0
2000	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1
2001	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2
2002	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3
2003	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4
2004	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5
2005	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6
2006	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
2007	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8
2008	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
2009	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
2010	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1
2011	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
2012	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3
2013	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
2014	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5
2015	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6
2016	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7
2017	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8
2018	3.8	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9
2019	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0
2020	4.0	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1
2021	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2
2022	4.2	4.3	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3

20 YR. STATISTICS FOR PACIFIC STATION 37 (42.96N 125.48W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
MEAN PEAK WAVE PERIOD (SECONDS)=
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
STANDARD DEVIATION OF HS(METRES)=
STANDARD DEVIATION OF TP(SECONDS)=
LARGEST HS(METRES)=
TP (SECONDS) ASSOC WITH THE LARGEST HS=
AVE. DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS=
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

69121121

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0											0
0.1											0
0.2											0
0.3											0
0.4											0
0.5											0
0.6											0
0.7											0
0.8											0
0.9											0
1.0											0
1.0+											0
TOTAL	82	180	5	1	6	1	4	0	0	0	168

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 6.5 NO. OF CASES= 168.

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0											0
0.1											0
0.2											0
0.3											0
0.4											0
0.5											0
0.6											0
0.7											0
0.8											0
0.9											0
1.0											0
1.0+											0
TOTAL	4	17	3	1	1	0	2	0	0	0	20

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 7.8 NO. OF CASES= 20.

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0											0
0.1											0
0.2											0
0.3											0
0.4											0
0.5											0
0.6											0
0.7											0
0.8											0
0.9											0
1.0											0
1.0+											0
TOTAL	1	0	0	0	0	0	1	0	0	0	2

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 9.9 NO. OF CASES= 2.

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0											0
0.1											0
0.2											0
0.3											0
0.4											0
0.5											0
0.6											0
0.7											0
0.8											0
0.9											0
1.0											0
1.0+											0
TOTAL	0	0	0	0	0	0	3	0	0	0	2

MEAN HS(M) = 2.9 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 14.2 NO. OF CASES= 2.

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
0.1	3	.	.	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	3	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.3 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 5.5 NO. OF CASES= 2.											

STATION 33 43.37N 125.21W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
0.1	3	.	.	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	3	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.4 NO. OF CASES= 2.											

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
0.1	6	1	.	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	6	1	0	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 5.9 NO. OF CASES= 5.											

STATION 38 43.37N 125.21W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
0.1	20	3	.	.	.	.	.	.	.	.	23
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	20	3	0	0	0	0	0	0	0	0	23
MEAN HS(M) = 2.3 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.7 NO. OF CASES= 14.											

STATION 38 43 37N 125 21W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	18	20	10	722	335	1	.	.	.	.	49
1	94	125	16	2465	2257	32	.	.	.	.	3324
2	17	140	20	602	2419	107	.	.	.	.	7387
3	.	240	16	154	853	372	.	.	.	.	8157
4	.	11	7	106	1833	118	.	.	.	.	7727
5	.	.	1	60	34	11	.	.	.	.	727
6	.	.	.	1	.	1	.	.	.	.	265
7	.	.	.	.	.	1	.	.	.	.	177
8	.	.	.	.	.	1	.	.	.	.	170
9	.	.	.	.	.	1	.	.	.	.	170
10	.	.	.	.	.	1	.	.	.	.	170
TOTAL	129	766	3458	4124	6158	9765	6810	579	0	0	18594

MEAN HS(M) = 3.6 LARGEST HS(M) = 9.9 MEAN TP(SEC) = 11.7 NO. OF CASES = 18594.

STATION 38 43 37N 125 21W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	66	65	142	20	893	263	30	.	.	.	293
1	544	1254	4827	2126	4445	2431	419	.	.	.	9842
2	123	633	2237	4072	386	1981	174	27	.	.	14727
3	.	220	153	610	2310	508	143	107	5	.	8953
4	.	22	51	61	386	1981	174	207	.	.	4605
5	.	.	1	17	49	49	21	54	.	.	1531
6	.	.	.	1	4	7	4	.	.	.	390
7	.	.	.	.	.	1	5	.	.	.	46
8	.	.	.	.	.	.	5	.	.	.	50
9	.	.	.	.	.	.	5	.	.	.	50
10	.	.	.	.	.	.	5	.	.	.	50
TOTAL	733	2194	7962	6963	8125	9154	4631	692	5	0	23658

MEAN HS(M) = 2.8 LARGEST HS(M) = 8.2 MEAN TP(SEC) = 10.8 NO. OF CASES = 23658.

STATION 38 43 37N 125 21W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	29	1	11	319	59	11	.	.	.	.	41
1	1160	1043	809	319	59	11	.	.	.	.	3401
2	971	2133	995	1002	496	70	20	11	.	.	5678
3	1	539	77	109	349	195	11	.	.	.	1321
4	.	34	83	18	5	61	8	.	.	.	210
5	.	.	3	.	.	1	8	.	.	.	100
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2161	3770	1978	1448	909	338	47	12	0	0	6243

MEAN HS(M) = 2.3 LARGEST HS(M) = 5.5 MEAN TP(SEC) = 7.8 NO. OF CASES = 6243.

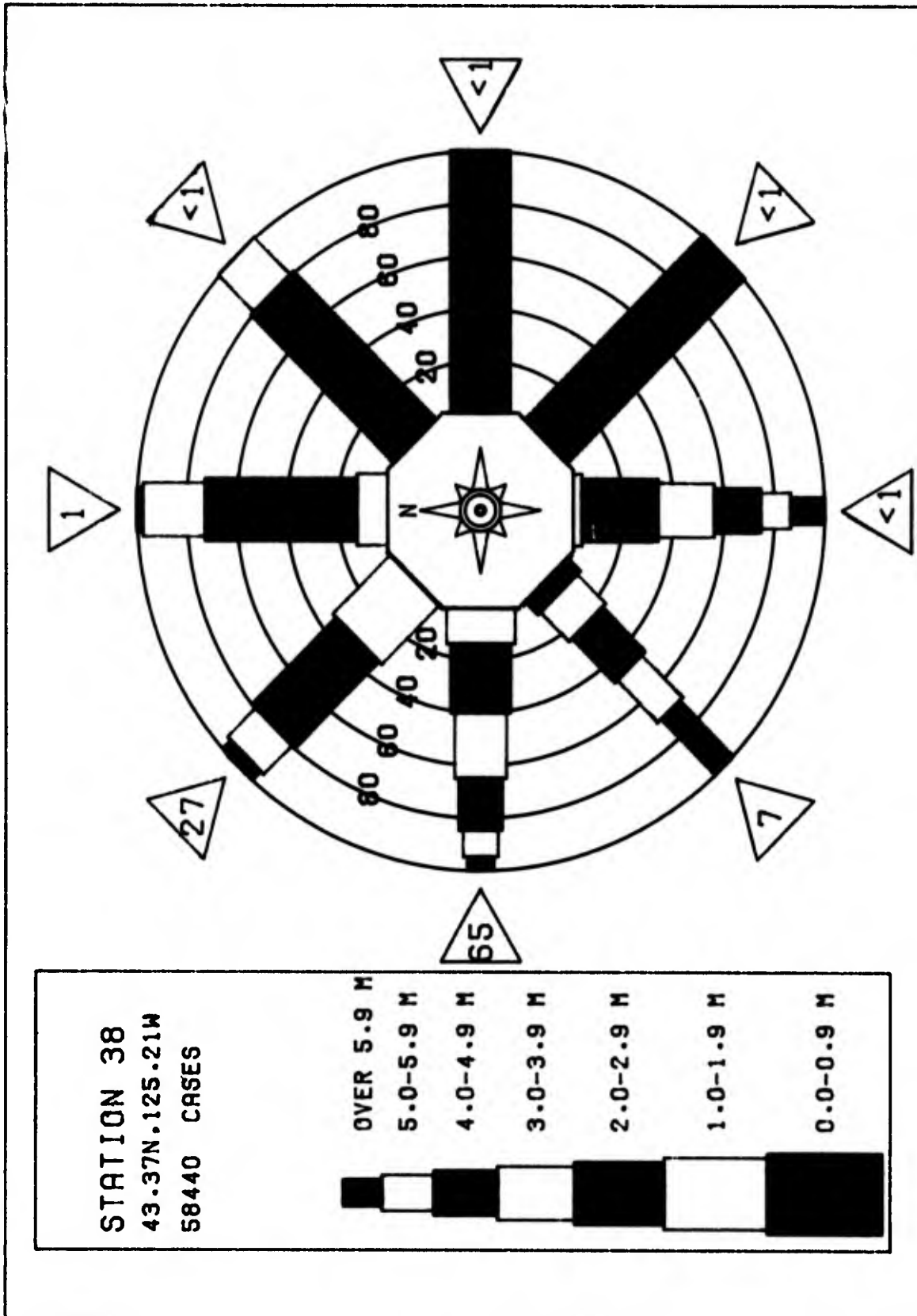
STATION 38 43 37N 125 21W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	17	.	.	.	.	.	.	.	.	.	17
1	355	88	1	1	.	.	.	.	.	.	445
2	385	1267	20	11	20	3	.	.	.	.	1707
3	.	494	41	3	11	3	1	.	.	.	553
4	.	32	49	6	.	.	.	.	.	.	87
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	757	1881	111	21	31	6	2	0	0	0	1649

MEAN HS(M) = 2.5 LARGEST HS(M) = 4.9 MEAN TP(SEC) = 6.5 NO. OF CASES = 1649.

STATION 38 43 37N 125 21W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0. -0.9	13	9	16	2							40
1.0-1.9	220	288	751	319	129	30	3	.	.	.	1740
2.0-2.9	161	439	516	798	754	363	64	4	.	.	3101
3.0-3.9	.	168	91	171	601	837	277	18	.	.	2163
4.0-4.9	.	15	28	67	201	697	448	40	.	.	1562
5.0-5.9	.	.	.	52	105	260	340	40	.	.	825
6.0-6.9	.	.	.	16	48	107	161	24	.	.	356
7.0-7.9	.	.	.	2	14	46	60	12	.	.	134
8.0-8.9	.	.	.	.	2	17	16	1	.	.	36
9.0-9.9	.	.	.	.	.	4	3	1	.	.	11
10.0+	.	.	.	.	.	.	.	.	.	.	3
TOTAL	394	919	1496	1427	1854	2363	1378	140	0	0	58440

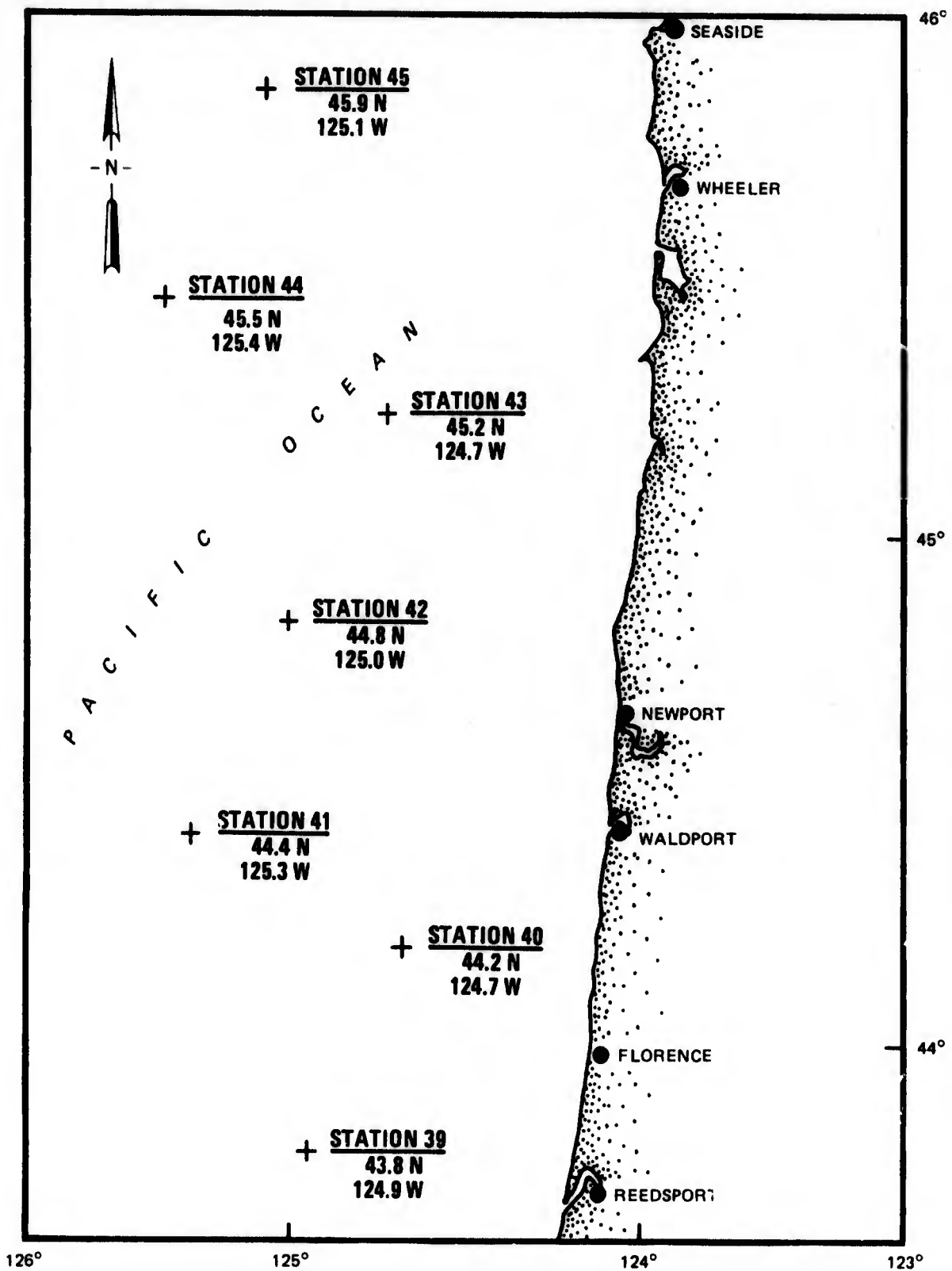
MEAN HS(M)= 3.3 LARGEST HS(M)= 12.3 MEAN TP(SEC)= 10.7 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 38 (43.37N 125.21W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	4.7	4.3	3.9	3.3	2.5	2.2	2.1	1.9	2.2	3.2	4.3	4.9	3.2
1976	4.8	4.4	4.0	3.4	2.6	2.3	2.2	2.0	2.3	3.3	4.4	5.0	3.3
1977	4.9	4.5	4.1	3.5	2.7	2.4	2.3	2.1	2.4	3.4	4.5	5.1	3.4
1978	5.0	4.6	4.2	3.6	2.8	2.5	2.4	2.2	2.5	3.5	4.6	5.2	3.5
1979	5.1	4.7	4.3	3.7	2.9	2.6	2.5	2.3	2.6	3.6	4.7	5.3	3.6
1980	5.2	4.8	4.4	3.8	3.0	2.7	2.6	2.4	2.7	3.7	4.8	5.4	3.7
1981	5.3	4.9	4.5	3.9	3.1	2.8	2.7	2.5	2.8	3.8	4.9	5.5	3.8
1982	5.4	5.0	4.6	4.0	3.2	2.9	2.8	2.6	2.9	3.9	5.0	5.6	3.9
1983	5.5	5.1	4.7	4.1	3.3	3.0	2.9	2.7	3.0	4.0	5.1	5.7	4.0
1984	5.6	5.2	4.8	4.2	3.4	3.1	3.0	2.8	3.1	4.1	5.2	5.8	4.1
1985	5.7	5.3	4.9	4.3	3.5	3.2	3.1	2.9	3.2	4.2	5.3	5.9	4.2
1986	5.8	5.4	5.0	4.4	3.6	3.3	3.2	3.0	3.3	4.3	5.4	6.0	4.3
1987	5.9	5.5	5.1	4.5	3.7	3.4	3.3	3.1	3.4	4.4	5.5	6.1	4.4
1988	6.0	5.6	5.2	4.6	3.8	3.5	3.4	3.2	3.5	4.5	5.6	6.2	4.5
1989	6.1	5.7	5.3	4.7	3.9	3.6	3.5	3.3	3.6	4.6	5.7	6.3	4.6
1990	6.2	5.8	5.4	4.8	4.0	3.7	3.6	3.4	3.7	4.7	5.8	6.4	4.7
1991	6.3	5.9	5.5	4.9	4.1	3.8	3.7	3.5	3.8	4.8	5.9	6.5	4.8
1992	6.4	6.0	5.6	5.0	4.2	3.9	3.8	3.6	3.9	4.9	6.0	6.6	4.9
1993	6.5	6.1	5.7	5.1	4.3	4.0	3.9	3.7	4.0	5.0	6.1	6.7	5.0
1994	6.6	6.2	5.8	5.2	4.4	4.1	4.0	3.8	4.1	5.1	6.2	6.8	5.1
1995	6.7	6.3	5.9	5.3	4.5	4.2	4.1	3.9	4.2	5.2	6.3	6.9	5.2
1996	6.8	6.4	6.0	5.4	4.6	4.3	4.2	4.0	4.3	5.3	6.4	7.0	5.3
1997	6.9	6.5	6.1	5.5	4.7	4.4	4.3	4.1	4.4	5.4	6.5	7.1	5.4
1998	7.0	6.6	6.2	5.6	4.8	4.5	4.4	4.2	4.5	5.5	6.6	7.2	5.5
1999	7.1	6.7	6.3	5.7	4.9	4.6	4.5	4.3	4.6	5.6	6.7	7.3	5.6
2000	7.2	6.8	6.4	5.8	5.0	4.7	4.6	4.4	4.7	5.7	6.8	7.4	5.7
2001	7.3	6.9	6.5	5.9	5.1	4.8	4.7	4.5	4.8	5.8	6.9	7.5	5.8
2002	7.4	7.0	6.6	6.0	5.2	4.9	4.8	4.6	4.9	5.9	7.0	7.6	5.9
2003	7.5	7.1	6.7	6.1	5.3	5.0	4.9	4.7	5.0	6.0	7.1	7.7	6.0
2004	7.6	7.2	6.8	6.2	5.4	5.1	5.0	4.8	5.1	6.1	7.2	7.8	6.1
2005	7.7	7.3	6.9	6.3	5.5	5.2	5.1	4.9	5.2	6.2	7.3	7.9	6.2
2006	7.8	7.4	7.0	6.4	5.6	5.3	5.2	5.0	5.3	6.3	7.4	8.0	6.3
2007	7.9	7.5	7.1	6.5	5.7	5.4	5.3	5.1	5.4	6.4	7.5	8.1	6.4
2008	8.0	7.6	7.2	6.6	5.8	5.5	5.4	5.2	5.5	6.5	7.6	8.2	6.5
2009	8.1	7.7	7.3	6.7	5.9	5.6	5.5	5.3	5.6	6.6	7.7	8.3	6.6
2010	8.2	7.8	7.4	6.8	6.0	5.7	5.6	5.4	5.7	6.7	7.8	8.4	6.7
2011	8.3	7.9	7.5	6.9	6.1	5.8	5.7	5.5	5.8	6.8	7.9	8.5	6.8
2012	8.4	8.0	7.6	7.0	6.2	5.9	5.8	5.6	5.9	6.9	8.0	8.6	6.9
2013	8.5	8.1	7.7	7.1	6.3	6.0	5.9	5.7	6.0	7.0	8.1	8.7	7.0
2014	8.6	8.2	7.8	7.2	6.4	6.1	6.0	5.8	6.1	7.1	8.2	8.8	7.1
2015	8.7	8.3	7.9	7.3	6.5	6.2	6.1	5.9	6.2	7.2	8.3	8.9	7.2
2016	8.8	8.4	8.0	7.4	6.6	6.3	6.2	6.0	6.3	7.3	8.4	9.0	7.3
2017	8.9	8.5	8.1	7.5	6.7	6.4	6.3	6.1	6.4	7.4	8.5	9.1	7.4
2018	9.0	8.6	8.2	7.6	6.8	6.5	6.4	6.2	6.5	7.5	8.6	9.2	7.5
2019	9.1	8.7	8.3	7.7	6.9	6.6	6.5	6.3	6.6	7.6	8.7	9.3	7.6
2020	9.2	8.8	8.4	7.8	7.0	6.7	6.6	6.4	6.7	7.7	8.8	9.4	7.7
2021	9.3	8.9	8.5	7.9	7.1	6.8	6.7	6.5	6.8	7.8	8.9	9.5	7.8
2022	9.4	9.0	8.6	8.0	7.2	6.9	6.8	6.6	6.9	7.9	9.0	9.6	7.9
2023	9.5	9.1	8.7	8.1	7.3	7.0	6.9	6.7	7.0	8.0	9.1	9.7	8.0
2024	9.6	9.2	8.8	8.2	7.4	7.1	7.0	6.8	7.1	8.1	9.2	9.8	8.1
2025	9.7	9.3	8.9	8.3	7.5	7.2	7.1	6.9	7.2	8.2	9.3	9.9	8.2
2026	9.8	9.4	9.0	8.4	7.6	7.3	7.2	7.0	7.3	8.3	9.4	10.0	8.3
2027	9.9	9.5	9.1	8.5	7.7	7.4	7.3	7.1	7.4	8.4	9.5	10.1	8.4
2028	10.0	9.6	9.2	8.6	7.8	7.5	7.4	7.2	7.5	8.5	9.6	10.2	8.5
2029	10.1	9.7	9.3	8.7	7.9	7.6	7.5	7.3	7.6	8.6	9.7	10.3	8.6
2030	10.2	9.8	9.4	8.8	8.0	7.7	7.6	7.4	7.7	8.7	9.8	10.4	8.7
2031	10.3	9.9	9.5	8.9	8.1	7.8	7.7	7.5	7.8	8.8	9.9	10.5	8.8
2032	10.4	10.0	9.6	9.0	8.2	7.9	7.8	7.6	7.9	8.9	10.0	10.6	8.9
2033	10.5	10.1	9.7	9.1	8.3	8.0	7.9	7.7	8.0	9.0	10.1	10.7	9.0
2034	10.6	10.2	9.8	9.2	8.4	8.1	8.0	7.8	8.1	9.1	10.2	10.8	9.1
2035	10.7	10.3	9.9	9.3	8.5	8.2	8.1	7.9	8.2	9.2	10.3	10.9	9.2
2036	10.8	10.4	10.0	9.4	8.6	8.3	8.2	8.0	8.3	9.3	10.4	11.0	9.3
2037	10.9	10.5	10.1	9.5	8.7	8.4	8.3	8.1	8.4	9.4	10.5	11.1	9.4
2038	11.0	10.6	10.2	9.6	8.8	8.5	8.4	8.2	8.5	9.5	10.6	11.2	9.5
2039	11.1	10.7	10.3	9.7	8.9	8.6	8.5	8.3	8.6	9.6	10.7	11.3	9.6
2040	11.2	10.8	10.4	9.8	9.0	8.7	8.6	8.4	8.7	9.7	10.8	11.4	9.7
2041	11.3	10.9	10.5	9.9	9.1	8.8	8.7	8.5	8.8	9.8	10.9	11.5	9.8
2042	11.4	11.0	10.6	10.0	9.2	8.9	8.8	8.6	8.9	9.9	11.0	11.6	9.9
2043	11.5	11.1	10.7	10.1	9.3	9.0	8.9	8.7	9.0	10.0	11.1	11.7	10.0
2044	11.6	11.2	10.8	10.2	9.4	9.1	9.0	8.8	9.1	10.1	11.2	11.8	10.1
2045	11.7	11.3	10.9	10.3	9.5	9.2	9.1	8.9	9.2	10.2	11.3	11.9	10.2
2046	11.8	11.4	11.0	10.4	9.6	9.3	9.2	9.0	9.3	10.3	11.4	12.0	10.3
2047	11.9	11.5	11.1	10.5	9.7	9.4	9.3	9.1	9.4	10.4	11.5	12.1	10.4
2048	12.0	11.6	11.2	10.6	9.8	9.5	9.4	9.2	9.5	10.5	11.6	12.2	10.5
2049	12.1	11.7	11.3	10.7	9.9	9.6	9.5	9.3	9.6	10.6	11.7	12.3	10.6
2050	12.2	11.8	11.4	10.8	10.0	9.7	9.6	9.4	9.7	10.7	11.8	12.4	10.7
2051	12.3	11.9	11.5	10.9	10.1	9.8	9.7	9.5	9.8	10.8	11.9	12.5	10.8
2052	12.4	12.0	11.6	11.0	10.2	9.9	9.8	9.6	9.9	10.9	12.0	12.6	10.9
2053	12.5	12.1	11.7	11.1	10.3	10.0	9.9	9.7	10.0	11.0	12.1	12.7	11.0
2054	12.6	12.2	11.8	11.2	10.4	10.1	10.0	9.8	10.1	11.1	12.2	12.8	11.1
2055	12.7	12.3	11.9	11.3	10.5	10.2	10.1	9.9	10.2	11.2	12.3	12.9	11.2
2056	12.8	12.4	12.0	11.4	10.6	10.3	10.2	10.0	10.3	11.3	12.4	13.0	11.3
2057	12.9	12.5	12.1	11.5	10.7	10.4	10.3	10.1	10.4	11.4	12.5	13.1	11.4
2058	13.0	12.6	12.2	11.6	10.8	10.5	10.4	10.2	10.5	11.5	12.6	13.2	11.5
2059	13.1	12.7	12.3	11.7	10.9	10.6	10.5	10.3	10.6	11.6	12.7	13.3	11.6
2060	13.2	12.8	12.4	11.8	11.0	10.7	10.6	10.4	10.7	11.7	12.8	13.4	11.7
2061	13.3	12.9	12.5	11.9	11.1	10.8	10.7	10.5	10.8	11.8	12.9	13.5	11.8
2062	13.4	13.0	12.6	12.0	11.2	10.9	10.8	10.6	10.9	11.9	13.0	13.6	11.9
2063	13.5	13.1	12.7	12.1	11.3	11.							

APPENDIX F: STA 39 THROUGH 45



STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	35	55	3	6	3	3	0	0	0	0	64

MEAN HS(M) = 2.5 LARGEST HS(M) = 3.8 MEAN TP(SEC) = 6.6 NO. OF CASES = 64.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	11	15	0	2	0	1	1	0	0	0	20

MEAN HS(M) = 2.9 LARGEST HS(M) = 3.5 MEAN TP(SEC) = 7.1 NO. OF CASES = 20.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1

MEAN HS(M) = 2.5 LARGEST HS(M) = 2.5 MEAN TP(SEC) = 5.5 NO. OF CASES = 1.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	3	0	0	0	0	0	2

MEAN HS(M) = 3.2 LARGEST HS(M) = 3.4 MEAN TP(SEC) = 11.0 NO. OF CASES = 2.

STATION 39 43.70N 124.94W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	
1	1	.	.	.	3	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
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25	
26	
27	
28	
29	
30	
TOTAL	2	0	0	0	6	0	0	0	0	0	6

MEAN HS(M) = 3.0 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 9.3 NO. OF CASES= 6.

STATION 39 43.70N 124.94W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	
1	1	.	.	.	1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
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18	
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20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
TOTAL	1	0	0	0	1	0	0	0	0	0	2

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 8.1 NO. OF CASES= 2.

STATION 39 43.70N 124.94W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	
1	11	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
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20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
TOTAL	11	0	0	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.4 NO. OF CASES= 7.

STATION 39 43.70N 124.94W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	
1	18	.	.	.	1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
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23	
24	
25	
26	
27	
28	
29	
30	
TOTAL	19	0	0	0	1	0	0	0	0	0	13

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 5.7 NO. OF CASES= 13.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 189.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	1	1	1	1	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	10	0	1	5	0	0	0	0	0	0	0
TOTAL	10	0	1	5	0	0	0	0	0	0	0

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 8.0 NO. OF CASES= 23.

STATION 39 43.78N 124.94J AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	3	10	1	1	.	.	.	.	.	0
3.0-3.9	1	13	13	2	1	.	.	.	.	.	0
4.0-4.9	.	6	6	3	3	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	12	22	32	50	95	50	20	0	0	0	0
TOTAL	12	22	32	50	95	50	20	0	0	0	0

MEAN HS(M) = 5.0 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 10.6 NO. OF CASES= 190.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	22	13	30	2	3	.	.	.	.	.	0
3.0-3.9	3	58	164	2	2	.	.	.	.	.	0
4.0-4.9	.	13	82	16	2	.	.	.	.	.	0
5.0-5.9	.	.	39	10	2	.	.	.	.	.	0
6.0-6.9	.	.	6	3	1	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	26	84	346	340	878	891	236	0	0	0	0
TOTAL	26	84	346	340	878	891	236	0	0	0	0

MEAN HS(M) = 5.4 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 11.2 NO. OF CASES= 1660.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	6	15	2	1	.	.	.	.	.	0
2.0-2.9	.	27	28	9	8	.	.	.	.	.	0
3.0-3.9	.	66	155	30	27	.	.	.	.	.	0
4.0-4.9	.	121	203	22	27	.	.	.	.	.	0
5.0-5.9	.	34	155	26	27	.	.	.	.	.	0
6.0-6.9	.	1	68	16	18	.	.	.	.	.	0
7.0-7.9	.	.	11	3	1	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	18	255	878	1238	2373	3225	2107	143	0	0	0
TOTAL	18	255	878	1238	2373	3225	2107	143	0	0	0

MEAN HS(M) = 4.7 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 11.7 NO. OF CASES= 6000.

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	29	23	6	775	319	10	2	2	2	2	58
1.0-1.9	13	126	1813	2450	2410	10	2	2	2	2	3537
2.0-2.9	..	143	1264	624	2600	10	2	2	2	2	3537
3.0-3.9	..	25	224	150	179	1208	205	2	2	2	3537
4.0-4.9	..	..	58	104	92	1208	205	2	2	2	3537
5.0-5.9	..	..	3	41	24	1208	205	2	2	2	3537
6.0-6.9	..	..	..	10	3	1208	205	2	2	2	3537
7.0-7.9	..	..	..	..	..	1208	205	2	2	2	3537
8.0-8.9	..	..	..	..	..	1208	205	2	2	2	3537
9.0-9.9	..	..	..	..	..	1208	205	2	2	2	3537
10.0+	..	..	..	..	..	1208	205	2	2	2	3537
TOTAL	129	831	3564	4154	6565	9947	7071	609	0	0	19227

MEAN HS(M) = 3.6 LARGEST HS(M) = 9.8 MEAN TP(SEC) = 11.7 NO. OF CASES = 19227

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	92	47	100	22	261	80	..	..	..	..	261
1.0-1.9	573	1283	5340	2450	927	261	80	..	..	..	10914
2.0-2.9	212	2581	2642	4197	4621	2571	370	..	..	..	15222
3.0-3.9	..	200	177	605	2265	4171	370	..	..	..	8938
4.0-4.9	..	30	46	35	393	2036	1285	112	5	..	4810
5.0-5.9	..	..	1	10	17	408	287	265	..	..	1578
6.0-6.9	..	..	..	..	12	54	11	87	..	..	428
7.0-7.9	..	..	..	..	..	1	..	3	..	..	100
8.0-8.9	..	..	..	..	..	..	..	..	..	..	0
9.0-9.9	..	..	..	..	..	..	..	..	..	..	0
10.0+	..	..	..	..	..	..	..	..	..	..	0
TOTAL	877	2141	8398	7388	8275	9502	4819	798	5	0	24680

MEAN HS(M) = 2.8 LARGEST HS(M) = 8.2 MEAN TP(SEC) = 10.8 NO. OF CASES = 24680

STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	46	3	11	270	65	3	..	..	..	..	60
1.0-1.9	1167	889	634	889	420	58	..	..	..	..	3028
2.0-2.9	894	1873	819	889	241	164	11	0	..	..	2972
3.0-3.9	..	501	82	71	24	25	10	..	..	..	1069
4.0-4.9	..	20	70	8	5	..	3	..	..	..	134
5.0-5.9	..	..	..	..	..	..	..	..	..	..	0
6.0-6.9	..	..	..	..	..	..	..	..	..	..	0
7.0-7.9	..	..	..	..	..	..	..	..	..	..	0
8.0-8.9	..	..	..	..	..	..	..	..	..	..	0
9.0-9.9	..	..	..	..	..	..	..	..	..	..	0
10.0+	..	..	..	..	..	..	..	..	..	..	0
TOTAL	2107	3286	1616	1238	731	250	24	11	0	0	5422

MEAN HS(M) = 2.3 LARGEST HS(M) = 4.8 MEAN TP(SEC) = 7.7 NO. OF CASES = 5422

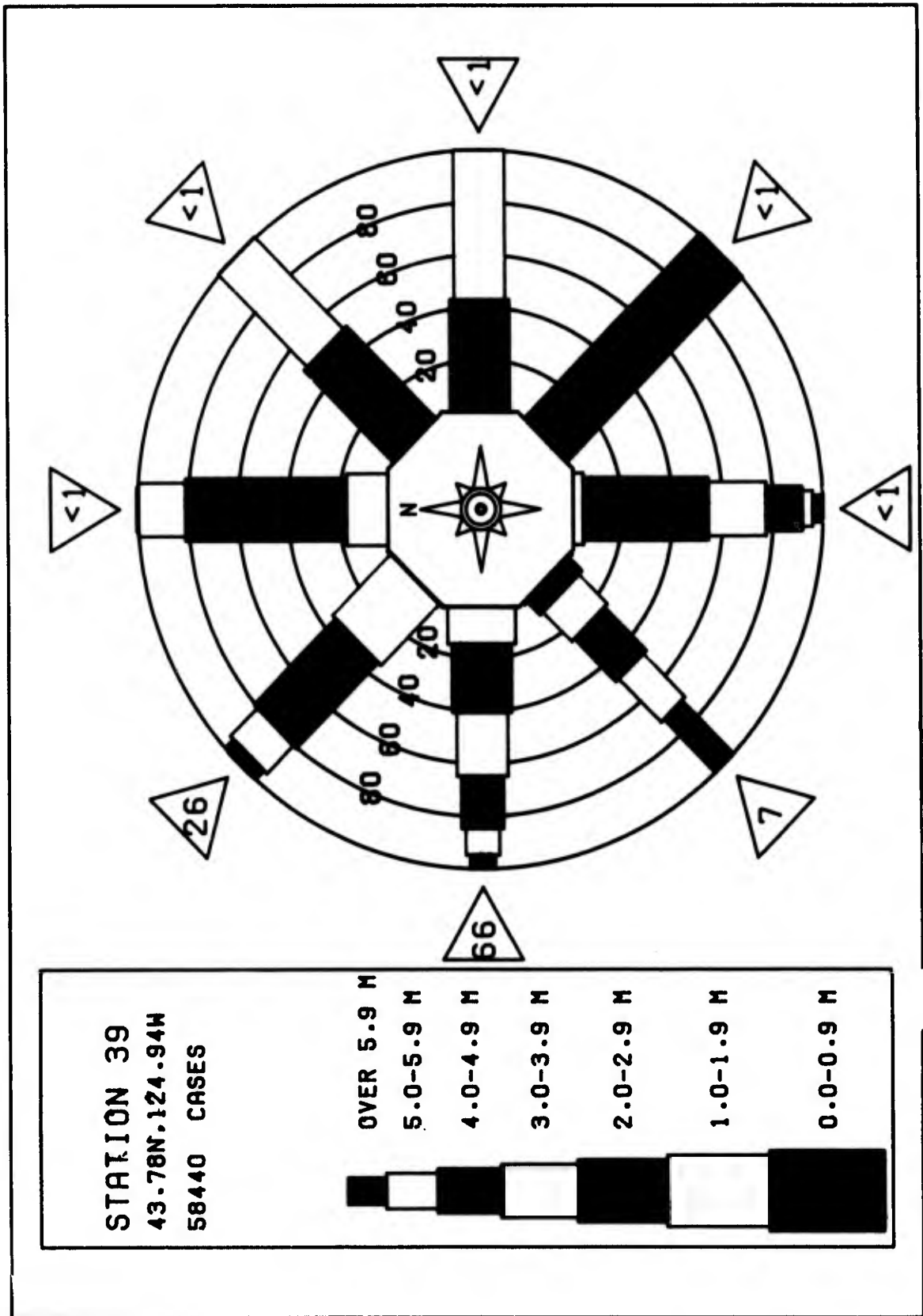
STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	13	..	..	..	..	..	..	..	..	..	13
1.0-1.9	254	51	5	..	..	..	..	..	..	..	310
2.0-2.9	278	910	11	10	13	..	1	..	..	..	1223
3.0-3.9	..	297	35	6	6	..	..	..	..	..	344
4.0-4.9	..	8	13	..	..	..	..	..	..	..	21
5.0-5.9	..	..	..	..	..	..	..	..	..	..	0
6.0-6.9	..	..	..	..	..	..	..	..	..	..	0
7.0-7.9	..	..	..	..	..	..	..	..	..	..	0
8.0-8.9	..	..	..	..	..	..	..	..	..	..	0
9.0-9.9	..	..	..	..	..	..	..	..	..	..	0
10.0+	..	..	..	..	..	..	..	..	..	..	0
TOTAL	545	1266	64	16	19	0	1	0	0	0	1123

MEAN HS(M) = 2.5 LARGEST HS(M) = 4.8 MEAN TP(SEC) = 6.4 NO. OF CASES = 1123

HEIGHT(METRES)	STATION 39 43.78N 124.94W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	18	8	12	2	3	2	6	.	.	.	40
1.0-1.9	211	276	797	352	133	29	6	.	.	.	1304
2.0-2.9	151	362	506	800	781	377	272	5	.	.	3332
3.0-3.9	1	136	69	169	696	840	600	17	.	.	2332
4.0-4.9	.	14	21	71	217	715	460	41	.	.	1532
5.0-5.9	.	.	2	39	102	267	366	40	.	.	1032
6.0-6.9	.	.	.	10	44	101	169	32	.	.	582
7.0-7.9	.	.	.	1	12	40	63	14	.	.	152
8.0-8.9	.	.	.	.	1	14	22	3	.	.	40
9.0-9.9	.	.	.	.	.	1	5	1	.	.	7
10.0+	.	.	.	.	.	.	2	.	.	.	2
TOTAL	381	796	1489	1444	1895	2384	1427	153	0	0	58440

MEAN HS(M)= 3.3 LARGEST HS(M)= 11.7 MEAN TP(SEC)= 10.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 39 (43.78N 124.94W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MEAN	4.7	4.3	3.9	3.3	2.5	2.2	2.0	1.9	2.2	3.3	4.3	5.0

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LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 39 (43.78N 124.94W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1976	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1977	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1978	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1979	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1980	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1981	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1982	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1983	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1984	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1985	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1986	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1987	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1988	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1989	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1990	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1991	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1992	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1993	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

20 YR. STATISTICS FOR PACIFIC STATION 39 (43.78N 124.94W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.3
MEAN PEAK WAVE PERIOD (SECONDS)=	8.2
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	290
STANDARD DEVIATION OF HS(METRES)=	1.0
STANDARD DEVIATION OF TP(SECONDS)=	1.1
LARGEST HS(METRES)=	16.7
TP (SECONDS) ASSOC WITH THE LARGEST HS=	16.0
AVE. DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS=	115
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	74011518

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	2	1	1	1	.	.	.	.	.	.	0
3.0-3.9	1	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	4	1	1	1	0	0	0	0	0	0	0
TOTAL	41	1	1	1	0	0	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 6.5 NO. OF CASES= 35.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	.	.	1	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	0	6	0	0	0	0	0	0	0
TOTAL	16	0	0	6	0	0	0	0	0	0	0

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 6.7 NO. OF CASES= 14.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	1	0	0	0	0	0	0	0	0	0
TOTAL	1	1	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 5.8 NO. OF CASES= 2.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.5 NO. OF CASES= 1.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	3	.	.	.	.	.	.	.	.	.	0
4.0-4.9	6	.	.	.	1	1	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	0	0	0	1	1	0	0	0	0	0
MEAN HS(M) = 3.2	LARGEST HS(M)= 3.6	MEAN TP(SEC)= 7.2	NO. OF CASES= 8.								

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	0
3.0-3.9	1	.	.	.	1	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	1	0	0	1	0	0	0	0	0	0
MEAN HS(M) = 3.1	LARGEST HS(M)= 3.4	MEAN TP(SEC)= 7.5	NO. OF CASES= 3.								

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	22	.	.	.	1	.	.	.	.	.	2
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	0	0	0	1	0	0	0	0	0	0
MEAN HS(M) = 2.3	LARGEST HS(M)= 2.6	MEAN TP(SEC)= 5.7	NO. OF CASES= 14.								

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	17	.	.	.	3	.	.	.	.	.	20
3.0-3.9	.	.	.	.	.	3	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	17	0	0	0	3	3	0	0	0	0	0
MEAN HS(M) = 2.4	LARGEST HS(M)= 3.2	MEAN TP(SEC)= 7.2	NO. OF CASES= 14.								

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	1	3	5	13	0	0	0	0	0	25
1.0-1.9	0	13	0	1	0	0	0	0	0	0	14
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	9	17	3	7	13	0	0	0	0	0	32

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.1 MEAN TP(SEC)= 7.9 NO. OF CASES= 32.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	1	0	0	0	0	0	0	0	1
1.0-1.9	11	3	10	20	27	29	0	0	0	0	70
2.0-2.9	0	11	5	27	37	17	0	0	0	0	60
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12	44	26	62	77	56	28	0	0	0	188

MEAN HS(M) = 4.8 LARGEST HS(M)= 8.5 MEAN TP(SEC)= 10.2 NO. OF CASES= 188.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	11	0	30	30	44	0	0	0	0	0	115
1.0-1.9	20	1	15	10	10	12	0	0	0	0	58
2.0-2.9	3	11	4	10	10	14	0	0	0	0	32
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	34	67	325	373	947	921	267	6	0	0	1735

MEAN HS(M) = 5.2 LARGEST HS(M)= 12.9 MEAN TP(SEC)= 11.2 NO. OF CASES= 1735.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	8	30	37	68	0	0	0	0	0	143
1.0-1.9	13	5	10	4	7	0	0	0	0	0	39
2.0-2.9	0	13	10	10	10	0	0	0	0	0	43
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
TOTAL	23	327	1013	1390	2600	3600	2255	156	0	0	6659

MEAN HS(M) = 4.6 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 11.7 NO. OF CASES= 6659.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	54	41	29	99	52	97	3	.	.	.	124
1.0-1.9	18	71	25	26	27	14	2	.	.	.	145
2.0-2.9	.	130	132	26	27	36	2	.	.	.	158
3.0-3.9	.	121	200	67	27	69	2	.	.	.	164
4.0-4.9	.	29	191	147	131	74	15	.	.	.	180
5.0-5.9	.	1	59	73	85	105	19	.	.	.	196
6.0-6.9	.	.	1	30	17	22	6	.	.	.	208
7.0-7.9	.	.	.	6	3	3	1	.	.	.	226
8.0-8.9	.	.	.	1	.	.	8	.	.	.	233
9.0-9.9	.	.	.	.	.	.	.	.	.	.	233
10.0+	.	.	.	.	.	.	.	.	.	.	16
TOTAL	164	1033	4331	4563	7140	10203	6748	574	0	0	20326

MEAN HS(M) = 3.4 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 11.6 NO. OF CASES= 20326.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	136	68	135	35	107	33	104	4	.	.	380
1.0-1.9	696	1528	6013	3090	4786	3336	403	4	.	.	12197
2.0-2.9	256	633	2258	4156	1960	3594	1454	5	.	.	15197
3.0-3.9	1	260	124	472	24	1800	1827	138	.	.	4399
4.0-4.9	.	51	114	51	38	261	704	301	.	.	1295
5.0-5.9	.	.	44	25	18	30	200	77	.	.	326
6.0-6.9	.	.	1	1	1	3	6	6	.	.	36
7.0-7.9	.	.	.	.	.	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	6
9.0-9.9	.	.	.	.	.	.	.	.	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1089	2540	8689	7830	8074	8986	4723	795	16	0	24995

MEAN HS(M) = 2.7 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 10.7 NO. OF CASES= 24995.

STATION 40 44.19N 124.66W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	53	1	39	3	27	11	1	.	.	.	57
1.0-1.9	1043	622	154	154	27	44	6	.	.	.	2255
2.0-2.9	752	1375	566	653	261	80	1	.	.	.	3665
3.0-3.9	3	385	155	18	152	6	.	.	.	.	794
4.0-4.9	.	5	42	.	3	.	.	.	.	.	56
5.0-5.9	.	.	1	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1851	2388	1155	828	443	141	8	14	0	0	4001

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.5 NO. OF CASES= 4001.

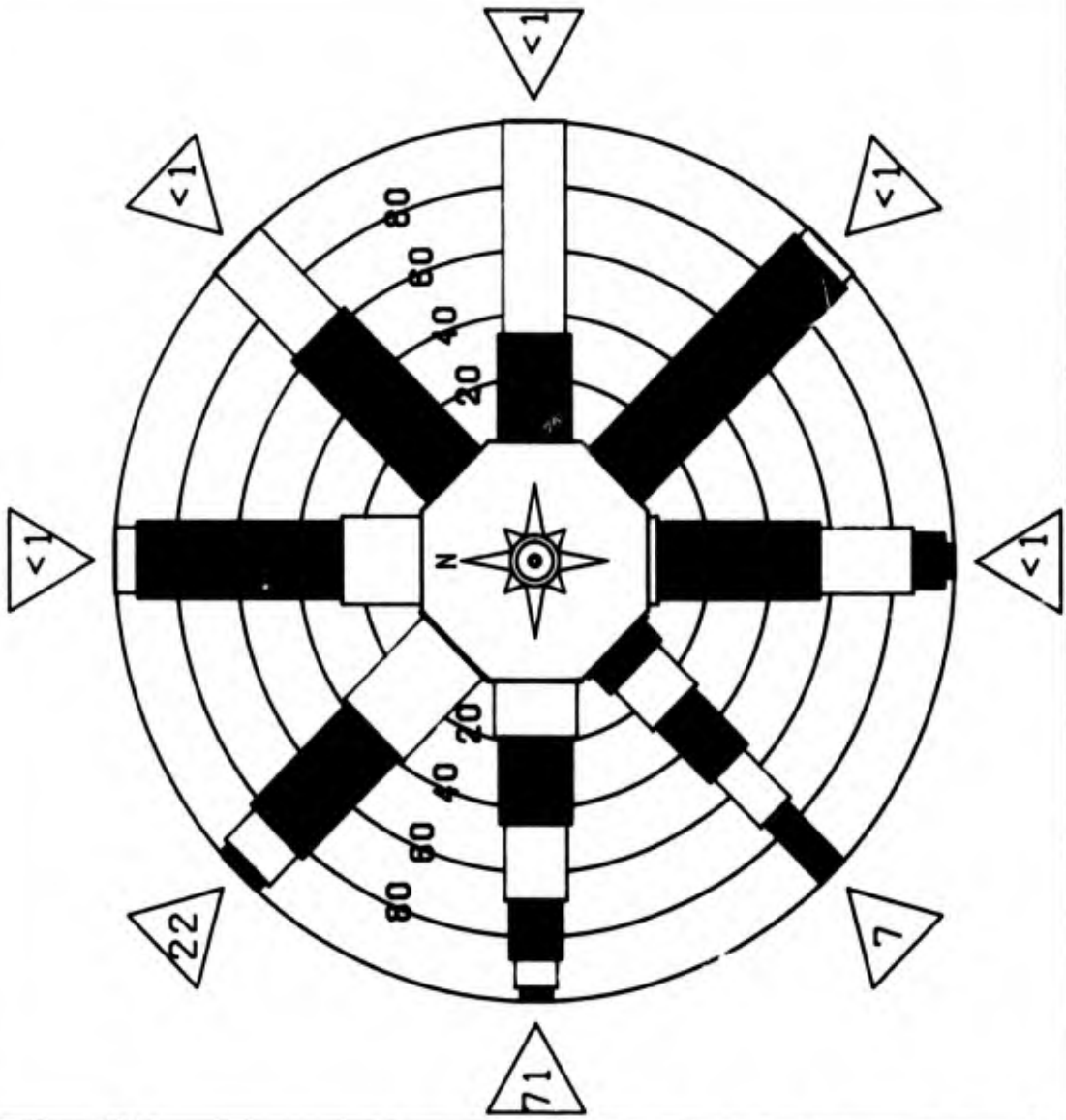
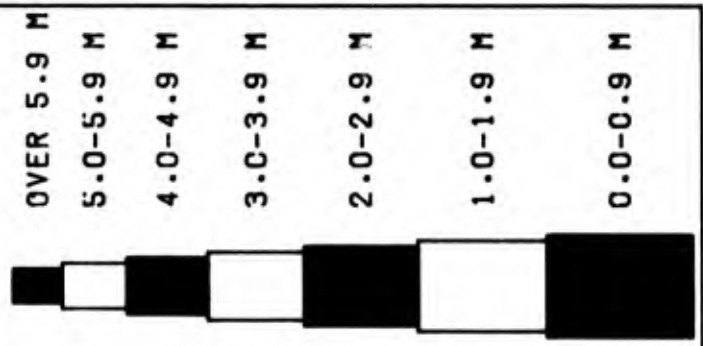
STATION 40 44.19N 124.66W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	148	13	.	1	.	.	.	.	.	.	162
1.0-1.9	174	241	17	13	8	.	.	.	.	.	453
2.0-2.9	5	51	25	.	.	.	.	.	.	.	81
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	327	306	42	14	8	0	0	0	0	0	411

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.3 NO. OF CASES= 411.

HEIGHT(METRES)	STATION 40 44.19N 124.66W FOR ALL DIRECTIONS										TOTAL										
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																				
	4.4-6.0		6.1-8.0		8.1-9.5		9.6-10.5		10.6-11.7		11.8-13.3		13.4-15.3		15.4-18.1		18.2-22.3		LONGER		
0	24	11	16	3	15	44	10	1	..	..	..	..	..	..	..	..	..	..	..	..
0.1	201	243	415	427	222	418	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.2	135	104	200	759	228	444	2	1	..	..	..	..	..	..	..	..	..	..	..	..
0.3	..	14	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.4	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.5	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.6	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.7	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.8	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
0.9	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
1.0	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
1.0+	..	..	200	165	221	447	3	1	..	..	..	..	..	..	..	..	..	..	..	..
TOTAL	362	671	1556	1506	1228	2388	1491	152	0	0	..	..	..	..	..	..	..	..	..	..
MEAN HS(M)=	3.2	LARGEST HS(M)= 12.9		MEAN TP(SEC)= 10.9		TOTAL CASES= 58440.															

STATION 40
 44.19N, 124.66W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 40 (44.19N 124.66W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	4.6	4.2	3.8	3.2	2.5	2.1	1.9	1.8	2.1	3.2	4.2	4.9	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 40 (44.19N 124.66W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	7.0	6.5	6.0	5.5	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5

20 YR. STATISTICS FOR PACIFIC STATION 40 (44.19N 124.66W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.9
 11.5
 116
 216
 74011518

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 0.
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	50	76	6	5	4	2	0	0	0	0	87.

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 6.6 NO. OF CASES= 87.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	22	20	0	0	3	5	0	0	0	0	30.

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 6.9 NO. OF CASES= 30.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	22	2	1	0	0	0	0	0	0	0	16.

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.1 NO. OF CASES= 16.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	10	18	0	0	0	0	0	0	0	0	17.

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.1 NO. OF CASES= 17.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0	13	.	.	.	.	1	.	.	.	18
2.0-2.9	.	18	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	31	0	0	0	0	1	0	0	0	32

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 6.7 NO. OF CASES= 25.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	0	15	.	.	.	.	3	.	.	.	19
3.0-3.9	.	3	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	18	0	0	0	0	3	0	0	0	19

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.9 NO. OF CASES= 19.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	18	.	.	.	.	1	1	.	.	.	20
2.0-2.9	.	22	.	.	.	.	.	.	.	.	22
3.0-3.9	.	10	.	.	.	.	.	.	.	.	10
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	21	31	0	0	0	1	1	0	0	0	40

MEAN HS(M) = 3.0 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.6 NO. OF CASES= 40.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	5	.	.	.	3	.	.	.	.	.	9
2.0-2.9	.	13	.	.	.	.	.	.	.	.	13
3.0-3.9	.	32	1	1	1	.	1	.	.	.	37
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	5	48	1	1	4	0	4	0	0	0	42

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.7 NO. OF CASES= 42.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	18	1	.	.	.	.	.	.	.	0
2.0-2.9	.	49	1	.	.	.	.	.	.	.	0
3.0-3.9	.	32	15	.	.	.	.	.	.	.	0
4.0-4.9	.	1	13	6	.	.	.	.	.	.	0
5.0-5.9	.	.	.	10	1	.	.	.	.	.	0
6.0-6.9	.	.	.	1	1	.	.	.	.	.	0
7.0-7.9	.	.	.	.	1	.	.	.	.	.	0
8.0-8.9	.	.	.	.	1	.	.	.	.	.	0
9.0-9.9	.	.	.	.	1	.	.	.	.	.	0
10.0+	14	100	34	17	26	5	5	0	0	0	0
TOTAL											125

MEAN HS(M) = 4.1 LARGEST HS(M) = 7.7 MEAN TP(SEC) = 8.3 NO. OF CASES = 125.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	2	.	1	.	1	.	.	.	.	.	0
1.0-1.9	25	27	6	3	18	1	.	.	.	.	0
2.0-2.9	.	106	111	2	17	27	.	.	.	.	0
3.0-3.9	.	44	114	10	58	29	.	.	.	.	0
4.0-4.9	.	6	17	109	22	80	11	.	.	.	0
5.0-5.9	.	.	6	10	64	71	15	.	.	.	0
6.0-6.9	.	.	.	1	17	109	17	.	.	.	0
7.0-7.9	.	.	.	.	5	34	3	.	.	.	0
8.0-8.9	.	.	.	.	.	3	3	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	1	.	.	0
10.0+	31	183	255	257	435	354	103	6	0	0	0
TOTAL											962

MEAN HS(M) = 5.2 LARGEST HS(M) = 10.7 MEAN TP(SEC) = 10.4 NO. OF CASES = 962.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	6	17	39	15	.	.	.	.	.	.	0
1.0-1.9	15	85	94	100	85	30	.	.	.	.	0
2.0-2.9	.	171	135	112	249	205	.	.	.	.	0
3.0-3.9	.	47	287	287	423	321	12	.	.	.	0
4.0-4.9	.	3	41	18	14	191	121	1	.	.	0
5.0-5.9	.	.	.	.	278	106	17	.	.	.	0
6.0-6.9	.	.	.	.	27	17	11	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	2	.	.	0
8.0-8.9	.	.	.	.	.	.	.	8	.	.	0
9.0-9.9	.	.	.	.	.	.	.	8	.	.	0
10.0+	21	323	599	770	1376	1083	435	41	0	0	0
TOTAL											2730

MEAN HS(M) = 4.6 LARGEST HS(M) = 9.6 MEAN TP(SEC) = 10.9 NO. OF CASES = 2730.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	13	1	8	131	47	3	.	.	.	.	0
1.0-1.9	23	75	189	220	473	301	.	.	.	.	0
2.0-2.9	.	95	169	284	367	876	77	.	.	.	0
3.0-3.9	.	143	165	169	345	826	480	10	.	.	0
4.0-4.9	.	27	130	58	177	316	754	46	.	.	0
5.0-5.9	.	1	20	3	56	116	583	53	.	.	0
6.0-6.9	.	.	.	.	13	56	255	92	.	.	0
7.0-7.9	.	.	.	.	.	8	46	30	.	.	0
8.0-8.9	.	.	.	.	.	.	5	11	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	36	342	721	865	1778	2502	2201	246	0	0	0
TOTAL											5094

MEAN HS(M) = 4.0 LARGEST HS(M) = 8.7 MEAN TP(SEC) = 11.9 NO. OF CASES = 5094.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	41	46	71	6	56	165					164
1.0-1.9	58	176	163	12	57	178					243
2.0-2.9	35	233	250	37	49	280					200
3.0-3.9		43	150	30	22	185					200
4.0-4.9			95	27	22	370					200
5.0-5.9				3		416					200
6.0-6.9											200
7.0-7.9											200
8.0-8.9											200
9.0-9.9											200
10.0+											200
TOTAL	134	357	2391	2930	4583	8116	6296	539	0	0	14826

MEAN HS(M) = 3.3 LARGEST HS(M)= 8.5 MEAN TP(SEC)= 11.9 NO. OF CASES= 14826.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	143	41	167	25	130	417					376
1.0-1.9	34	146	614	337	270	325					1300
2.0-2.9	229	499	2191	445	322	278					2800
3.0-3.9		215	164	480	322	204					2000
4.0-4.9		44	25	37	1	37					200
5.0-5.9				1							200
6.0-6.9											200
7.0-7.9											200
8.0-8.9											200
9.0-9.9											200
10.0+											200
TOTAL	1006	2265	8783	8391	9704	10767	5525	836	13	0	27653

MEAN HS(M) = 2.7 LARGEST HS(M)= 8.0 MEAN TP(SEC)= 10.9 NO. OF CASES= 27653.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	49		1	3							53
1.0-1.9	137	88	66	29	63	10					230
2.0-2.9	113	186	855	949	462	85					1000
3.0-3.9	1	435	83	61	22	100					200
4.0-4.9		15	51	3	3	30					200
5.0-5.9											200
6.0-6.9											200
7.0-7.9											200
8.0-8.9											200
9.0-9.9											200
10.0+											200
TOTAL	2498	3216	1659	1313	753	311	18	10	1	0	5726

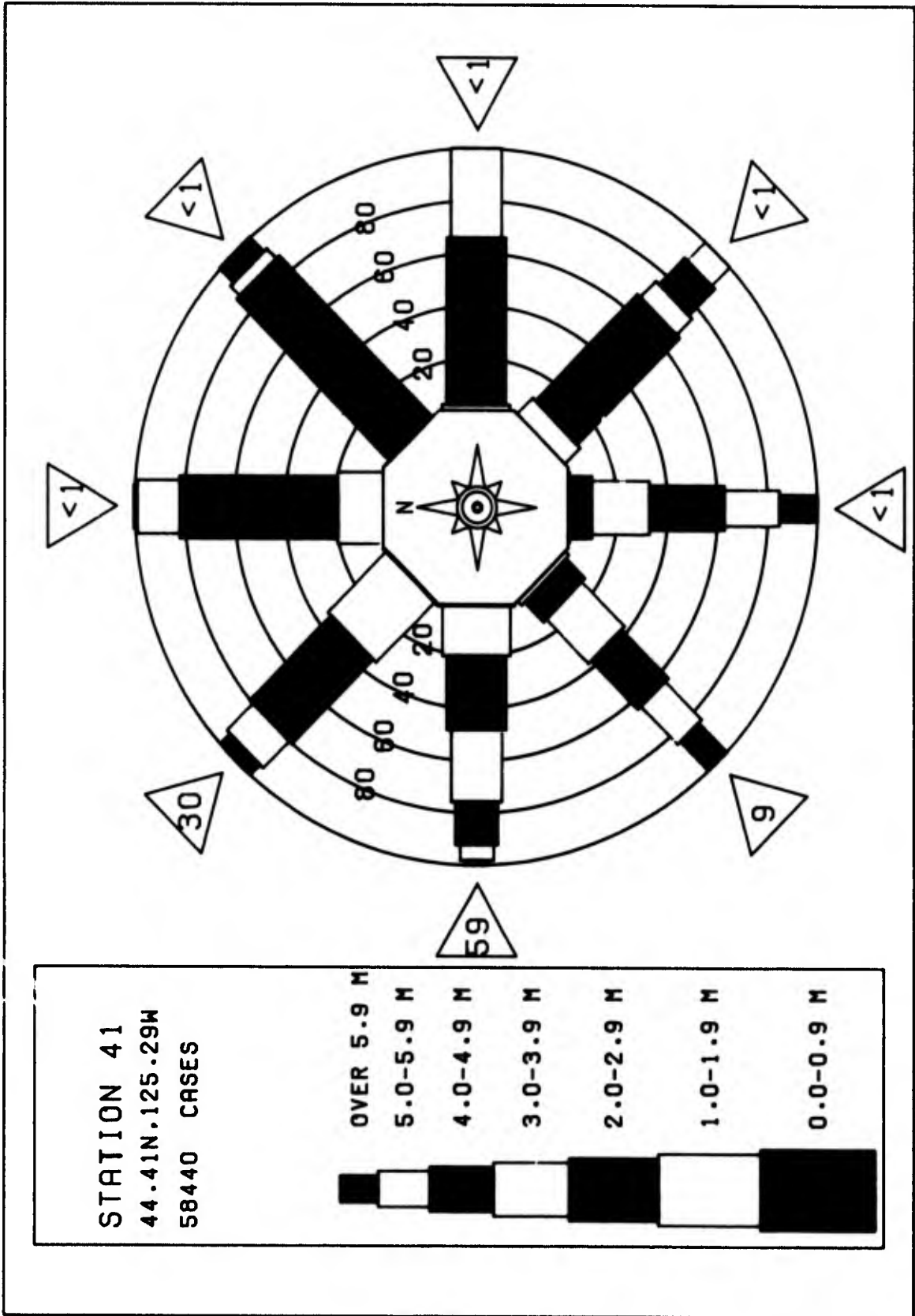
MEAN HS(M) = 2.2 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 5726.

STATION 41 44.41N 125.29W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	12										1
1.0-1.9	22	47		8	1						1
2.0-2.9	104	226		63	8						1
3.0-3.9		3									1
4.0-4.9											1
5.0-5.9											1
6.0-6.9											1
7.0-7.9											1
8.0-8.9											1
9.0-9.9											1
10.0+											1
TOTAL	589	1142	25	17	9	1	0	0	0	0	1048

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.3 NO. OF CASES= 1048.

HEIGHT(METRES)	STATION 41 44.41N 125.29W FOR ALL DIRECTIONS										TOTAL								
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																		
	4.4-6.0		6.1-8.0		8.1-9.5		9.6-10.5		10.6-11.7		11.8-13.3		13.4-15.3		15.4-18.1		18.2-22.3- LONGER		
0.0-0.9	24	8	24	3	19	59	10	1	.	.	.	.	.	.	.	.	.	59
1.0-1.9	234	267	267	49	47	99	128	9	.	.	.	.	.	.	.	.	.	234
2.0-2.9	190	149	180	69	53	115	458	26	.	.	.	.	.	.	.	.	.	190
3.0-3.9	.	25	66	14	43	126	508	47	.	.	.	.	.	.	.	.	.	25
4.0-4.9	.	1	77	4	23	45	73	31	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	11	4	7	28	13	6	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	1	6	5	3	2	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
TOTAL	448	818	1446	1455	1865	2312	1458	166	0	0								58440	
MEAN HS(M)=	3.0		LARGEST HS(M)= 10.7		MEAN TP(SEC)= 10.8		TOTAL CASES=		58440.										



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STAT. IN 41 (44.41N 125.29W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.2	3.8	3.5	3.1	2.4	2.0	1.9	1.8	2.1	3.1	4.0	4.5	
1957													
1958													
1959													
1960													
1961													
1962													
1963													
1964													
1965													
1966													
1967													
1968													
1969													
1970													
1971													
1972													
1973													
1974													
1975													

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 41 (44.41N 125.29W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 41 (44.41N 125.29W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	10.7
MEAN PEAK WAVE PERIOD (SECONDS)=	10.7
HQS FREQENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.0
STANDARD DEVIATION OF HS(METRES)=	1.7
STANDARD DEVIATION OF TP(SECONDS)=	1.7
LARGEST HS(METRES)=	16.7
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	10.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	209.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	74011518

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	36	9	1	9	0	0	0	0	0	0	35

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.6 NO. OF CASES= 35.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	13	.	.	3	.	.	.	.	.	.	16
3.0-3.9	1	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	0	0	4	0	0	0	0	0	0	12

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.8 NO. OF CASES= 12.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.2 NO. OF CASES= 1.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	1
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1

MEAN HS(M) = 2.4 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.5 NO. OF CASES= 1.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	0	1	0	0	0	0	0	0	0	0	0
TOTAL	0	1	0	0	0	0	0	0	0	0	1
MEAN HS(M) = 3.6	LARGEST HS(M)= 3.6	MEAN TP(SEC)= 6.1	NO. OF CASES= 1.								

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	15	0	0	0	1	0	0	0	0	0	14
TOTAL	15	0	0	0	1	0	0	0	0	0	13
MEAN HS(M) = 2.8	LARGEST HS(M)= 3.3	MEAN TP(SEC)= 6.5	NO. OF CASES= 13.								

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	15	1	0	0	1	0	0	0	0	0	16
TOTAL	15	1	0	0	1	0	0	0	0	0	11
MEAN HS(M) = 2.3	LARGEST HS(M)= 3.2	MEAN TP(SEC)= 6.0	NO. OF CASES= 11.								

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	.	.	.	.	.	.	.	.	.	2
TOTAL	18	0	0	0	3	0	0	0	0	0	21
MEAN HS(M) = 2.4	LARGEST HS(M)= 2.8	MEAN TP(SEC)= 6.2	NO. OF CASES= 14.								

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	1	.	.	.	.	.	.	.	.	.	0
0.1	0	.	.	.	.	.	.	.	.	.	0
0.2	0	.	.	.	.	.	.	.	.	.	0
0.3	0	.	.	.	.	.	.	.	.	.	0
0.4	0	.	.	.	.	.	.	.	.	.	0
0.5	0	.	.	.	.	.	.	.	.	.	0
0.6	0	.	.	.	.	.	.	.	.	.	0
0.7	0	.	.	.	.	.	.	.	.	.	0
0.8	0	.	.	.	.	.	.	.	.	.	0
0.9	0	.	.	.	.	.	.	.	.	.	0
1.0	0	.	.	.	.	.	.	.	.	.	0
TOTAL	9	21	8	16	13	11	0	0	0	0	51.

MEAN HS(M) = 3.6 LARGEST HS(M) = 7.1 MEAN TP(SEC) = 9.0 NO. OF CASES = 51.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	.	.	.	.	.	.	.	.	.	.	0
0.1	17	10	5	.	.	.	.	.	.	.	40
0.2	1	10	4	1	2	1	.	.	.	.	25
0.3	0	1	4	1	2	1	.	.	.	.	15
0.4	0	1	4	1	2	1	.	.	.	.	15
0.5	0	1	4	1	2	1	.	.	.	.	15
0.6	0	1	4	1	2	1	.	.	.	.	15
0.7	0	1	4	1	2	1	.	.	.	.	15
0.8	0	1	4	1	2	1	.	.	.	.	15
0.9	0	1	4	1	2	1	.	.	.	.	15
1.0	0	1	4	1	2	1	.	.	.	.	15
TOTAL	18	66	106	128	221	160	36	0	0	0	441.

MEAN HS(M) = 5.1 LARGEST HS(M) = 9.4 MEAN TP(SEC) = 10.5 NO. OF CASES = 441.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	.	.	.	.	.	.	.	.	.	.	0
0.1	17	4	1	5	5	.	.	.	.	.	24
0.2	0	4	1	7	4	1	.	.	.	.	18
0.3	0	4	1	7	4	1	.	.	.	.	18
0.4	0	4	1	7	4	1	.	.	.	.	18
0.5	0	4	1	7	4	1	.	.	.	.	18
0.6	0	4	1	7	4	1	.	.	.	.	18
0.7	0	4	1	7	4	1	.	.	.	.	18
0.8	0	4	1	7	4	1	.	.	.	.	18
0.9	0	4	1	7	4	1	.	.	.	.	18
1.0	0	4	1	7	4	1	.	.	.	.	18
TOTAL	25	158	409	507	1126	1054	376	16	0	0	2160.

MEAN HS(M) = 5.2 LARGEST HS(M) = 10.9 MEAN TP(SEC) = 11.1 NO. OF CASES = 2160.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	.	.	.	.	.	.	.	.	.	.	0
0.1	22	13	21	75	10	.	.	.	.	.	16
0.2	0	14	11	43	4	1	.	.	.	.	3
0.3	0	14	11	43	4	1	.	.	.	.	3
0.4	0	14	11	43	4	1	.	.	.	.	3
0.5	0	14	11	43	4	1	.	.	.	.	3
0.6	0	14	11	43	4	1	.	.	.	.	3
0.7	0	14	11	43	4	1	.	.	.	.	3
0.8	0	14	11	43	4	1	.	.	.	.	3
0.9	0	14	11	43	4	1	.	.	.	.	3
1.0	0	14	11	43	4	1	.	.	.	.	3
TOTAL	30	382	1100	1322	2626	3717	2696	215	0	0	7082.

MEAN HS(M) = 4.6 LARGEST HS(M) = 10.0 MEAN TP(SEC) = 11.8 NO. OF CASES = 7082.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	63	41	22								126
1.0-1.9	118	749	2917	1059	475	111					5437
2.0-2.9	27	152	1510	2926	2773	1430					9247
3.0-3.9		130	160	723	2922	1744					6996
4.0-4.9		17	164	154	592	1686					7008
5.0-5.9			65	83	128	1178					2774
6.0-6.9			1	11	1	15					244
7.0-7.9											44
8.0-8.9											20
9.0-9.9											0
10.0+											0
TOTAL	208	1089	4840	4995	7377	10579	7016	700	0	0	21524

MEAN HS(M) = 3.5 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 11.5 NO. OF CASES= 21524.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	123	70	119	17		5					334
1.0-1.9	771	1546	5330	2614	761	289					11420
2.0-2.9	282	881	2597	4194	4149	2183					14610
3.0-3.9		296	179	581	1952	3370					7753
4.0-4.9		59	97	53	361	1750					4070
5.0-5.9			49	34	44	331					1310
6.0-6.9				5	17	32					70
7.0-7.9					5	6					10
8.0-8.9						1					0
9.0-9.9											0
10.0+											0
TOTAL	1176	2852	8371	7498	7289	7985	4084	645	15	0	23340

MEAN HS(M) = 2.7 LARGEST HS(M)= 8.6 MEAN TP(SEC)= 10.6 NO. OF CASES= 23340.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	44										44
1.0-1.9	934	415	253	107	18	6		5			1738
2.0-2.9	764	1341	470	438	177	27		8			3230
3.0-3.9		383	47	18	87	53					588
4.0-4.9		17	39	3	1	11					71
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	1742	2156	809	566	283	97	5	13	0	0	3322

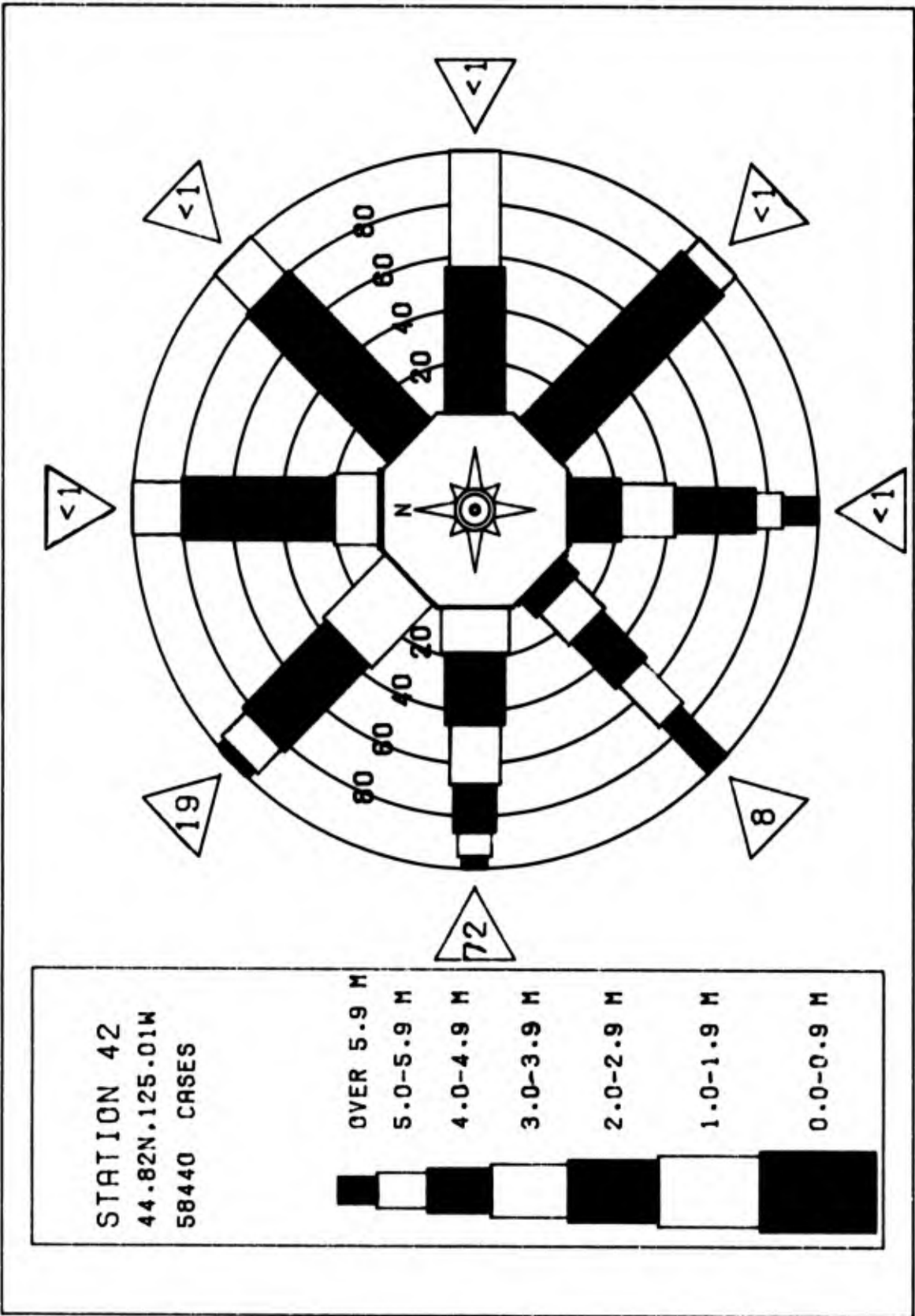
MEAN HS(M) = 2.3 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.2 NO. OF CASES= 3322.

STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9											0
1.0-1.9	104	3		1							108
2.0-2.9	203	270		15							493
3.0-3.9		111	11		1						123
4.0-4.9			1								1
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	315	384	12	16	6	0	0	0	0	0	432

MEAN HS(M) = 2.4 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 6.3 NO. OF CASES= 432.

STATION 42 44.82N 125.01W FOR ALL DIRECTIONS											
PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT (METRES)	PEAK PERIOD (SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	23	12	14	1							50
1.0-1.9	195	275	473	306	127	40	0				1011
2.0-2.9	143	380	492	813	775	371	54				1047
3.0-3.9	1	119	75	177	322	292	27				1007
4.0-4.9		20	25	67	101	728	374	1			1002
5.0-5.9			28	44	47	757	182				1000
6.0-6.9			2	15	15	91	200				1000
7.0-7.9				2	1	15	200				1000
8.0-8.9						1	2				1000
9.0-9.9											1000
10.0+											1000
TOTAL	362	710	1564	1505	1894	2357	1419	154	0	0	58440
MEAN HS(M)=	3.3	LARGEST HS(M)= 10.9		MEAN TP(SEC)= 10.9			TOTAL CASES=				58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 42 (44.82N 125.01W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	4.7	4.3	3.9	3.3	2.5	2.1	1.9	1.8	2.2	3.3	4.3	5.0	
1974													
1973													
1972													
1971													
1970													
1969													
1968													
1967													
1966													
1965													
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1905													
1904													
1903													
1902													
1901													
1900													

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 42 (44.82N 125.01W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975												
1974												
1973												
1972												
1971												
1970												
1969												
1968												
1967												
1966												
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1904												
1903												
1902												
1901												
1900												

20 YR. STATISTICS FOR PACIFIC STATION 42 (44.82N 125.01W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 20.13
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT WAVE DIRECTION BAND (DEGREES)= 100-110
 STANDARD DEVIATION OF H(METRES)= 1.5
 STANDARD DEVIATION OF T(Seconds)= 1.5
 LARGEST HS(METRES)= 7.40
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 11.5
 AVE DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 115
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011518

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	.	.	.	.	.	.	.	.	.	2
1.0-1.9	10	.	.	11	.	.	.	.	.	.	1
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	16	0	0	11	0	0	0	0	0	0	17.

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.2 NO. OF CASES= 17.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	3	.	.	.	.	.	.	1
2.0-2.9	.	.	.	1	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	1	0	0	4	0	0	0	0	0	0	4.

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 8.8 NO. OF CASES= 4.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	2	0	0	0	0	0	0	0	0	0	2.

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 5.5 NO. OF CASES= 2.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0.

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	1	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1
MEAN HS(M) = 2.2	LARGEST HS(M) = 2.2	MEAN TP(SEC) = 5.5	NO. OF CASES = 1.								

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	14	0	0	0	0	0	0	0	0	0	0
TOTAL	14	0	0	0	0	0	0	0	0	0	9
MEAN HS(M) = 3.0	LARGEST HS(M) = 3.6	MEAN TP(SEC) = 5.7	NO. OF CASES = 9.								

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	22	.	.	.	1	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	23	0	0	0	2	0	0	0	0	0	0
TOTAL	23	0	0	0	2	0	0	0	0	0	16
MEAN HS(M) = 2.4	LARGEST HS(M) = 3.3	MEAN TP(SEC) = 6.1	NO. OF CASES = 16.								

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	17	.	.	.	3	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	20	0	0	0	3	0	0	0	0	0	0
TOTAL	20	0	0	0	3	0	0	0	0	0	14
MEAN HS(M) = 2.3	LARGEST HS(M) = 2.8	MEAN TP(SEC) = 6.2	NO. OF CASES = 14.								

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	1										1
2.0-2.9	3	1									4
3.0-3.9		1									1
4.0-4.9		3									3
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+	15	19	7	14	10	0	1	0	0	0	56
TOTAL											56

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 8.0 NO. OF CASES= 44.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9	29										29
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	29	38	74	95	152	125	36	0	0	0	559

MEAN HS(M) = 4.9 LARGEST HS(M)= 9.4 MEAN TP(SEC)= 10.5 NO. OF CASES= 332.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	13	6	15	13	5						52
2.0-2.9	15	35	80	133	47						285
3.0-3.9	5	25	174	295	201	13					824
4.0-4.9		17	82	161	407	195					1462
5.0-5.9			30	82	371	396					2081
6.0-6.9			3	3	123	301					1530
7.0-7.9					35	165	130				330
8.0-8.9					10	54	70				134
9.0-9.9						3	41				44
10.0+	33	83	384	452	1189	1112	360				5273

MEAN HS(M) = 5.0 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 11.2 NO. OF CASES= 2129.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	8	23	5								36
2.0-2.9	23	155	284								567
3.0-3.9	1	70	311								692
4.0-4.9		121	184								326
5.0-5.9		49	231								329
6.0-6.9			73								73
7.0-7.9			1								1
8.0-8.9											0
9.0-9.9											0
10.0+	37	418	1089	1608	2976	4369	2805	183	0	0	17661

MEAN HS(M) = 4.5 LARGEST HS(M)= 10.1 MEAN TP(SEC)= 11.7 NO. OF CASES= 7898.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	166	63	49	3	597	203	17	1	.	.	181
1	133	90	185	136	306	1694	37	34	.	.	6871
2	39	203	184	321	3145	4024	168	85	.	.	10371
3	.	15	177	154	946	3697	220	111	.	.	7303
4	.	.	56	77	145	1088	183	205	.	.	3316
5	.	.	1	10	23	188	67	61	.	.	1179
6	.	.	.	.	1	10	13	11	.	.	25
7	.	.	.	.	.	.	5	.	.	.	16
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	240	1342	5941	5622	7991	10854	6662	628	0	0	22971

MEAN HS(M) = 3.3 LARGEST HS(M) = 9.5 MEAN TP(SEC) = 11.4 NO. OF CASES = 22971.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	155	90	118	6	833	295	70	20	10	.	374
1	989	2077	5450	2419	3783	2775	70	20	10	.	13762
2	345	927	2491	3927	4633	2963	113	33	3	.	13990
3	.	364	1081	533	1757	263	113	49	.	.	6990
4	.	51	100	42	263	1507	133	49	.	.	3428
5	.	.	43	5	11	253	133	11	.	.	226
6	.	.	.	.	6	1	17	.	.	.	38
7	.	.	.	.	.	.	.	.	.	.	17
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1489	3509	8392	6924	6687	7200	3492	571	13	0	22383

MEAN HS(M) = 2.6 LARGEST HS(M) = 8.6 MEAN TP(SEC) = 10.3 NO. OF CASES = 22383.

STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	35	248	113	78	23	3	.	3	.	.	35
1	800	1011	352	258	90	20	1	5	.	.	1225
2	672	299	92	13	56	23	.	.	.	.	2409
3	.	10	35	1	.	1	.	.	.	.	48
4	.	.	1	.	.	.	.	.	.	.	47
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1510	1568	594	348	169	47	1	8	0	0	2490

MEAN HS(M) = 2.3 LARGEST HS(M) = 5.0 MEAN TP(SEC) = 7.0 NO. OF CASES = 2490.

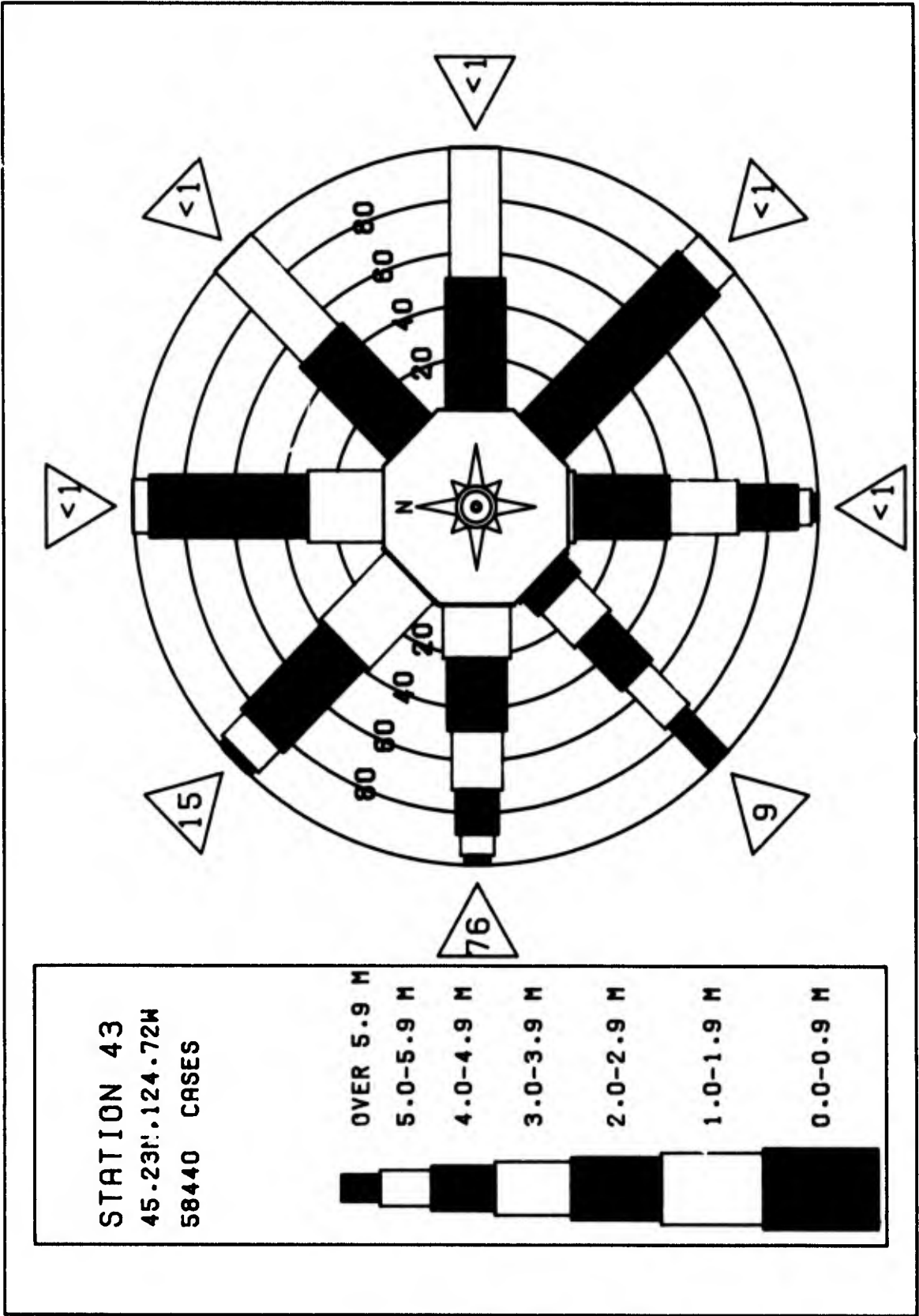
STATION 43 45.23N 124.72W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	35	248	113	78	23	3	.	3	.	.	35
1	49	73	3	13	1	.	.	.	.	.	137
2	.	.	.	.	.	.	.	.	.	.	29
3	.	.	.	.	.	.	.	.	.	.	0
4	.	.	.	.	.	.	.	.	.	.	0
5	.	.	.	.	.	.	.	.	.	.	0
6	.	.	.	.	.	.	.	.	.	.	0
7	.	.	.	.	.	.	.	.	.	.	0
8	.	.	.	.	.	.	.	.	.	.	0
9	.	.	.	.	.	.	.	.	.	.	0
10	.	.	.	.	.	.	.	.	.	.	0
TOTAL	94	99	4	15	2	0	0	0	0	0	130

MEAN HS(M) = 2.3 LARGEST HS(M) = 3.5 MEAN TP(SEC) = 6.5 NO. OF CASES = 130.

HEIGHT (METRES)	STATION 43 45.23N 124.72W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	27	17	17	1	1	50	6	6	1	.	62
1.0-1.9	199	339	227	392	148	392	6	6	.	.	62
2.0-2.9	125	233	509	804	775	796	279	19	.	.	62
3.0-3.9	2	15	64	188	246	704	519	39	.	.	62
4.0-4.9	.	.	20	74	107	289	329	37	.	.	62
5.0-5.9	.	.	1	36	35	90	160	14	.	.	62
6.0-6.9	.	.	.	1	2	37	51	3	.	.	62
7.0-7.9	.	.	.	.	.	10	5	1	.	.	62
8.0-8.9	.	.	.	.	.	.	.	.	.	.	62
9.0-9.9	.	.	.	.	.	.	.	.	.	.	62
10.0+	.	.	.	.	.	.	.	.	.	.	62
TOTAL	353	707	1647	1507	1917	2368	1332	136	1	0	58440

MEAN HS(M)= 3.2 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 10.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 43 (45.23N 124.72W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	4.6	4.2	3.8	3.2	2.5	2.1	1.9	1.8	2.1	3.3	4.2	4.9		

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 43 (45.23N 124.72W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 43 (45.23N 124.72W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2.9
 10.0
 270.0
 1.5
 2.5
 10.6
 16.7
 217.0
 74011521

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	8	.	3	.	3	.	.	.	.	24
2.0-2.9	.	10	3	.	.	1	.	.	.	.	13
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	18	3	3	0	4	0	0	0	0	30

MEAN HS(M) = 2.6 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 7.0 NO. OF CASES= 30.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	15	3	1	.	.	.	.	.	.	.	19
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	15	3	1	0	0	0	0	0	0	0	12

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.0 NO. OF CASES= 12.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	1	.	.	.	1	.	.	.	.	10
2.0-2.9	.	5	.	.	.	5	.	.	.	.	10
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	6	0	0	0	6	0	0	0	0	15

MEAN HS(M) = 2.7 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 7.5 NO. OF CASES= 15.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	5	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	5	7	0	0	0	0	0	0	0	0	8

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 6.2 NO. OF CASES= 8.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	3	5	.	.	.	.	.	.	.	.	0
2.0-2.9	.	6	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	11	0	0	0	0	0	0	0	0	9.

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.2 NO. OF CASES= 9.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	11	18	.	.	.	.	.	.	.	.	12
2.0-2.9	.	17	.	.	.	.	.	.	.	.	17
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	11	35	0	0	0	0	0	0	0	0	28.

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 6.2 NO. OF CASES= 28.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	22	22	.	.	.	.	.	.	.	.	44
2.0-2.9	.	20	.	.	.	.	.	.	.	.	20
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	22	43	0	0	0	0	6	0	0	0	43.

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.1 NO. OF CASES= 43.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	17	.	.	.	.	.	.	.	.	.	17
2.0-2.9	.	20	.	.	3	.	.	.	.	.	23
3.0-3.9	.	30	.	1	3	.	3	.	.	.	37
4.0-4.9	.	10	.	.	.	.	.	.	.	.	10
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	22	77	0	1	6	0	3	0	0	0	66.

MEAN HS(M) = 3.6 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 7.2 NO. OF CASES= 66.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	22	17	1	1	5	1	1	1	1	1	120
0.1	1	1	1	1	1	1	1	1	1	1	10
0.2	1	1	1	1	1	1	1	1	1	1	10
0.3	1	1	1	1	1	1	1	1	1	1	10
0.4	1	1	1	1	1	1	1	1	1	1	10
0.5	1	1	1	1	1	1	1	1	1	1	10
0.6	1	1	1	1	1	1	1	1	1	1	10
0.7	1	1	1	1	1	1	1	1	1	1	10
0.8	1	1	1	1	1	1	1	1	1	1	10
0.9	1	1	1	1	1	1	1	1	1	1	10
TOTAL	28	152	98	30	54	22	7	0	0	0	238

MEAN HS(M) = 4.2 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 8.5 NO. OF CASES= 238.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	5	51	10	10	5	1	1	1	1	1	100
0.1	1	1	1	1	1	1	1	1	1	1	10
0.2	1	1	1	1	1	1	1	1	1	1	10
0.3	1	1	1	1	1	1	1	1	1	1	10
0.4	1	1	1	1	1	1	1	1	1	1	10
0.5	1	1	1	1	1	1	1	1	1	1	10
0.6	1	1	1	1	1	1	1	1	1	1	10
0.7	1	1	1	1	1	1	1	1	1	1	10
0.8	1	1	1	1	1	1	1	1	1	1	10
0.9	1	1	1	1	1	1	1	1	1	1	10
TOTAL	13	292	307	304	559	445	171	0	0	0	1240

MEAN HS(M) = 5.2 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 10.5 NO. OF CASES= 1240.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	10	29	35	10	6	1	1	1	1	1	100
0.1	34	106	174	105	136	56	1	1	1	1	600
0.2	1	1	1	1	1	1	1	1	1	1	10
0.3	1	1	1	1	1	1	1	1	1	1	10
0.4	1	1	1	1	1	1	1	1	1	1	10
0.5	1	1	1	1	1	1	1	1	1	1	10
0.6	1	1	1	1	1	1	1	1	1	1	10
0.7	1	1	1	1	1	1	1	1	1	1	10
0.8	1	1	1	1	1	1	1	1	1	1	10
0.9	1	1	1	1	1	1	1	1	1	1	10
TOTAL	44	377	662	795	1574	1435	607	36	0	0	3246

MEAN HS(M) = 4.5 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 11.0 NO. OF CASES= 3246.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	10	159	17	169	82	1	1	1	1	1	100
0.1	15	94	237	330	504	390	66	1	1	1	710
0.2	1	1	1	1	1	1	1	1	1	1	10
0.3	1	1	1	1	1	1	1	1	1	1	10
0.4	1	1	1	1	1	1	1	1	1	1	10
0.5	1	1	1	1	1	1	1	1	1	1	10
0.6	1	1	1	1	1	1	1	1	1	1	10
0.7	1	1	1	1	1	1	1	1	1	1	10
0.8	1	1	1	1	1	1	1	1	1	1	10
0.9	1	1	1	1	1	1	1	1	1	1	10
TOTAL	25	383	883	1051	1964	2964	2551	276	0	0	5913

MEAN HS(M) = 3.9 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 11.9 NO. OF CASES= 5913.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	54	99	198	8	918	321	701	8	.	.	359
1.0-1.9	53	326	3107	1935	3018	2277	1000	68	.	.	6682
2.0-2.9	30	118	104	1647	1598	2113	1000	13	.	.	8564
3.0-3.9	.	46	148	400	355	1988	1000	13	.	.	4674
4.0-4.9	.	5	68	175	47	335	1000	13	.	.	1684
5.0-5.9	.	.	.	3	17	44	1000	13	.	.	1600
6.0-6.9	.	.	.	.	.	.	1000	13	.	.	1800
7.0-7.9	.	.	.	.	.	.	1000	13	.	.	1800
8.0-8.9	.	.	.	.	.	.	1000	13	.	.	1800
9.0-9.9	.	.	.	.	.	.	1000	13	.	.	1800
10.0+	.	.	.	.	.	.	1000	13	.	.	1800
TOTAL	137	594	4226	4083	5950	9078	6206	634	1	0	18078

MEAN HS(M) = 3.0 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 11.6 NO. OF CASES= 18078.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	263	118	306	29	1158	6	100	3	.	.	725
1.0-1.9	872	232	2088	3258	4727	458	4408	10	.	.	15082
2.0-2.9	292	655	1014	4500	2082	273	1100	3	.	.	8423
3.0-3.9	.	302	1074	522	335	100	1000	3	.	.	1074
4.0-4.9	.	41	106	515	200	243	1000	3	.	.	1060
5.0-5.9	.	.	20	5	1	30	1000	3	.	.	1000
6.0-6.9	.	.	.	.	.	50	1000	3	.	.	1000
7.0-7.9	.	.	.	.	.	50	1000	3	.	.	1000
8.0-8.9	.	.	.	.	.	50	1000	3	.	.	1000
9.0-9.9	.	.	.	.	.	50	1000	3	.	.	1000
10.0+	.	.	.	.	.	50	1000	3	.	.	1000
TOTAL	1432	3641	9792	8238	8280	8840	4323	618	13	0	26417

MEAN HS(M) = 2.5 LARGEST HS(M)= 8.3 MEAN TP(SEC)= 10.5 NO. OF CASES= 26417.

STATION 44 45.45N 125.36W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	59	385	198	75	32	8	.	.	.	.	59
1.0-1.9	870	1245	359	289	145	18	.	6	.	.	1574
2.0-2.9	609	501	68	8	52	13	.	6	.	.	2676
3.0-3.9	.	11	46	.	3	13	.	.	.	.	468
4.0-4.9	.	.	1	.	.	.	.	.	.	.	73
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1538	1942	672	372	236	74	5	12	0	0	2843

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.1 MEAN TP(SEC)= 7.1 NO. OF CASES= 2843.

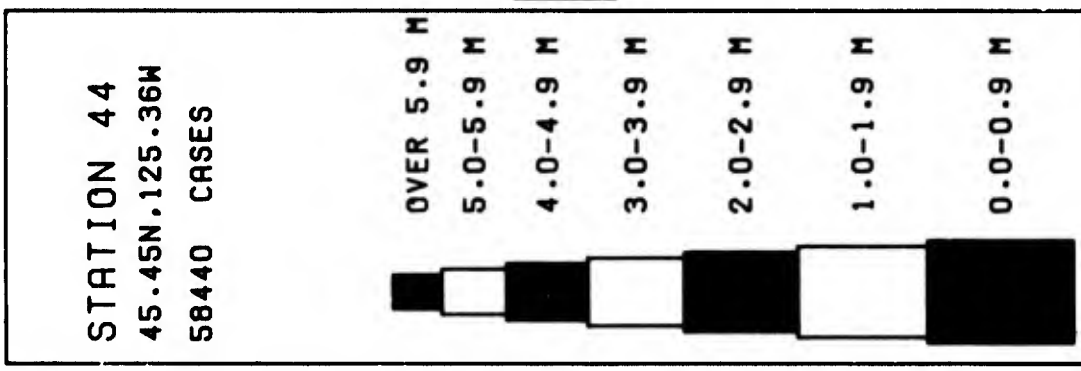
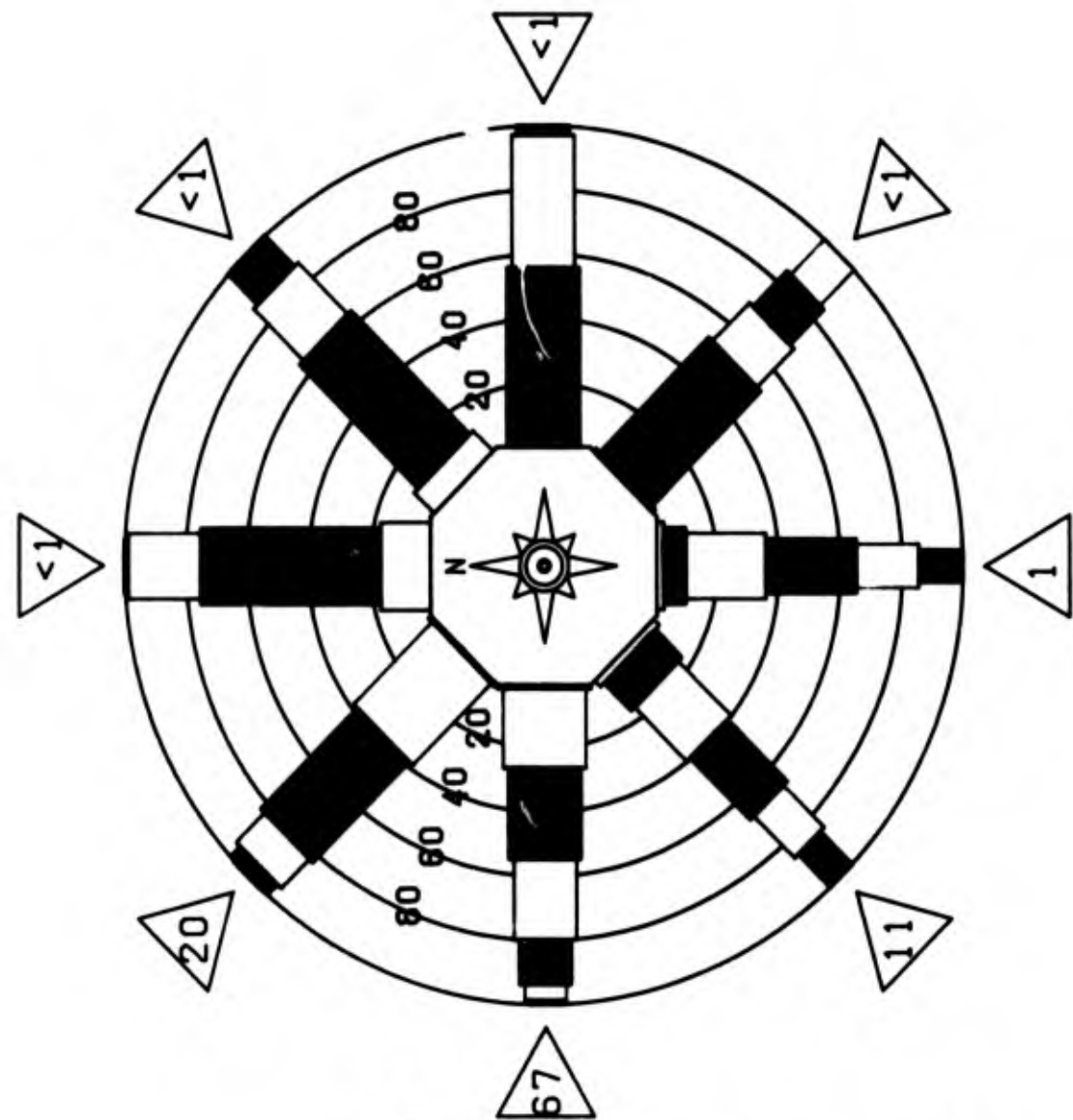
STATION 44 45.45N 125.36W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	3	3	5	.	.	.	.	.	.	5
1.0-1.9	85	195	1	1	8	.	.	.	.	.	290
2.0-2.9	.	56	6	.	.	.	.	.	.	.	62
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	151	254	10	6	8	0	0	0	0	0	254

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 6.4 NO. OF CASES= 254.

HEIGHT(METRES)	STATION 44 45 45N 125 36W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.1-0.9	38	21	52	3							114
1.0-1.9	151	305	1053	545	220	78	11				2224
2.0-2.9	119	127	380	673	846	548	123	1			2477
3.0-3.9		132	88	147	482	318	44				2246
4.0-4.9		30	74	73	168	109	47				2246
5.0-5.9		3	16	40	95	33	24				2246
6.0-6.9			2	3	46	27	6				2246
7.0-7.9				1	4	2	3				2246
8.0-8.9						7	7				2246
9.0-9.9							3				2246
10.0+											2246
TOTAL	348	783	1665	1485	1861	2283	1386	154	1	0	58440

MEAN HS(M)= 3.0 LARGEST HS(M)= 10.9 MEAN TP(SEC)= 10.8 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 44 (45.45N 125.36W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	4.2	3.8	3.5	3.0	2.3	1.9	1.8	1.7	2.0	3.1	4.0	4.5	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 44 (45.45N 125.36W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0

20 YR. STATISTICS FOR PACIFIC STATION 44 (45.45N 125.36W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURENCE IS(YR,MO,DA,HR)

21004
 20000
 74011521

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	1										1
2.0-2.9	1			8							10
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+	13	1	0	8	0	0	0	0	0	0	0
TOTAL											

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.0 NO. OF CASES= 15.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9						1					0
1.0-1.9	6										6
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+	6	0	0	0	0	1	0	0	0	0	0
TOTAL											

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 6.9 NO. OF CASES= 5.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	1										1
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+	1	0	0	0	0	0	0	0	0	0	0
TOTAL											

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 5.2 NO. OF CASES= 1.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	1										1
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+	1	0	0	0	0	0	0	0	0	0	0
TOTAL											

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 5.2 NO. OF CASES= 1.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	4	0	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 5.5 NO. OF CASES= 3.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	8	.	.	.	.	.	.	.	.	.	8
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	8	0	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.3 NO. OF CASES= 5.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	23	.	.	.	5	.	.	.	.	.	28
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	29	0	0	0	5	0	0	0	0	0	21

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.3 NO. OF CASES= 21.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	23	3	.	.	3	.	.	.	.	.	26
3.0-3.9	.	.	.	.	1	1	5	.	.	.	6
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	24	3	0	0	4	1	5	0	0	0	24

MEAN HS(M) = 2.8 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 7.5 NO. OF CASES= 24.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) =180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	15	.	.	.	.	.	.	.	.	.	15
2.0-2.9	6	15	1	10	1	1	3	.	.	.	37
3.0-3.9	.	30	5	1	3	.	.	.	.	.	40
4.0-4.9	.	3	.	.	.	.	.	.	.	.	6
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	22	60	9	20	14	1	3	0	0	0	82.

MEAN HS(M) = 3.7 LARGEST HS(M)= 6.8 MEAN TP(SEC)= 7.9 NO. OF CASES= 82.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) =202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	2	.	.	.	1	.	.	.	.	.	3
1.0-1.9	1	1	1	.	1	.	.	.	.	.	5
2.0-2.9	25	25	7	10	1	1	1	1	.	.	53
3.0-3.9	.	6	6	3	1	1	1	1	.	.	19
4.0-4.9	.	.	3	2	1	1	1	1	.	.	10
5.0-5.9	.	.	1	1	1	1	1	1	.	.	7
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	31	85	155	164	316	227	59	3	0	0	620.

MEAN HS(M) = 4.9 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 10.5 NO. OF CASES= 620.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) =225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	13	6	18	8	6	.	.	.	.	.	44
2.0-2.9	68	20	124	154	26	1	.	.	.	.	233
3.0-3.9	37	1	124	184	26	1	.	.	.	.	270
4.0-4.9	.	1	32	106	40	1	.	.	.	.	140
5.0-5.9	.	.	1	5	5	3	.	.	.	.	14
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	182	445	594	1338	1337	519	17	0	0	2614.

MEAN HS(M) = 5.0 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 11.3 NO. OF CASES= 2614.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) =247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	22	27	12	5	.	.	.	.	.	77
1.0-1.9	23	38	44	23	13	1	.	.	.	.	142
2.0-2.9	1	107	400	583	574	170	1	.	.	.	1333
3.0-3.9	.	99	244	328	242	118	1	.	.	.	893
4.0-4.9	.	25	254	325	179	110	1	.	.	.	614
5.0-5.9	.	.	63	3	49	58	1	.	.	.	174
6.0-6.9	.	.	.	.	1	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	34	492	1429	1785	3300	5112	3222	215	0	0	9125.

MEAN HS(M) = 4.4 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 11.7 NO. OF CASES= 9125.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	92	87	59	6	5	212	20	1	3	.	458
1.0-1.9	205	117	447	1560	701	1683	333	.	.	.	4501
2.0-2.9	58	306	2200	3579	3370	3750	1380	22	.	.	12772
3.0-3.9	.	193	165	805	3047	3382	1740	78	.	.	6467
4.0-4.9	.	23	186	160	99	392	1984	121	.	.	2900
5.0-5.9	.	.	66	99	135	292	1740	160	.	.	803
6.0-6.9	.	.	5	22	49	154	580	162	.	.	235
7.0-7.9	.	.	.	6	29	11	77	61	.	.	48
8.0-8.9	.	.	.	.	3	1	13	11	.	.	17
9.0-9.9	.	.	.	.	.	.	3	6	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	355	1729	7128	6237	8331	10185	6130	622	3	0	23816

MEAN HS(M) = 3.2 LARGEST HS(M) = 9.4 MEAN TP(SEC) = 11.1 NO. OF CASES = 23816.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	246	80	124	2	715	217	80	17	8	.	458
1.0-1.9	1146	2397	5068	1853	3252	1861	311	59	6	.	11501
2.0-2.9	475	1242	2233	3333	3252	2453	1024	77	.	.	12772
3.0-3.9	.	455	176	415	1587	1267	997	100	.	.	6467
4.0-4.9	.	65	169	44	256	245	927	100	.	.	2900
5.0-5.9	.	.	32	47	29	273	337	85	.	.	803
6.0-6.9	.	.	5	13	13	30	130	44	.	.	235
7.0-7.9	.	.	.	.	6	1	23	18	.	.	48
8.0-8.9	.	.	.	.	.	.	17	.	.	.	17
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1867	4239	7807	5713	5860	6102	2919	400	14	0	20424

MEAN HS(M) = 2.5 LARGEST HS(M) = 8.9 MEAN TP(SEC) = 10.1 NO. OF CASES = 20424.

STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	30	.	.	.	.	.	.	.	.	.	30
1.0-1.9	487	136	59	27	12	5	.	.	.	.	727
2.0-2.9	376	896	162	102	15	13	.	3	.	.	1587
3.0-3.9	.	242	30	5	15	10	.	.	.	.	307
4.0-4.9	.	6	25	.	.	.	1	.	.	.	32
5.0-5.9	.	.	3	1	.	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	893	1280	279	135	63	28	1	3	0	0	1576

MEAN HS(M) = 2.3 LARGEST HS(M) = 5.4 MEAN TP(SEC) = 6.8 NO. OF CASES = 1576.

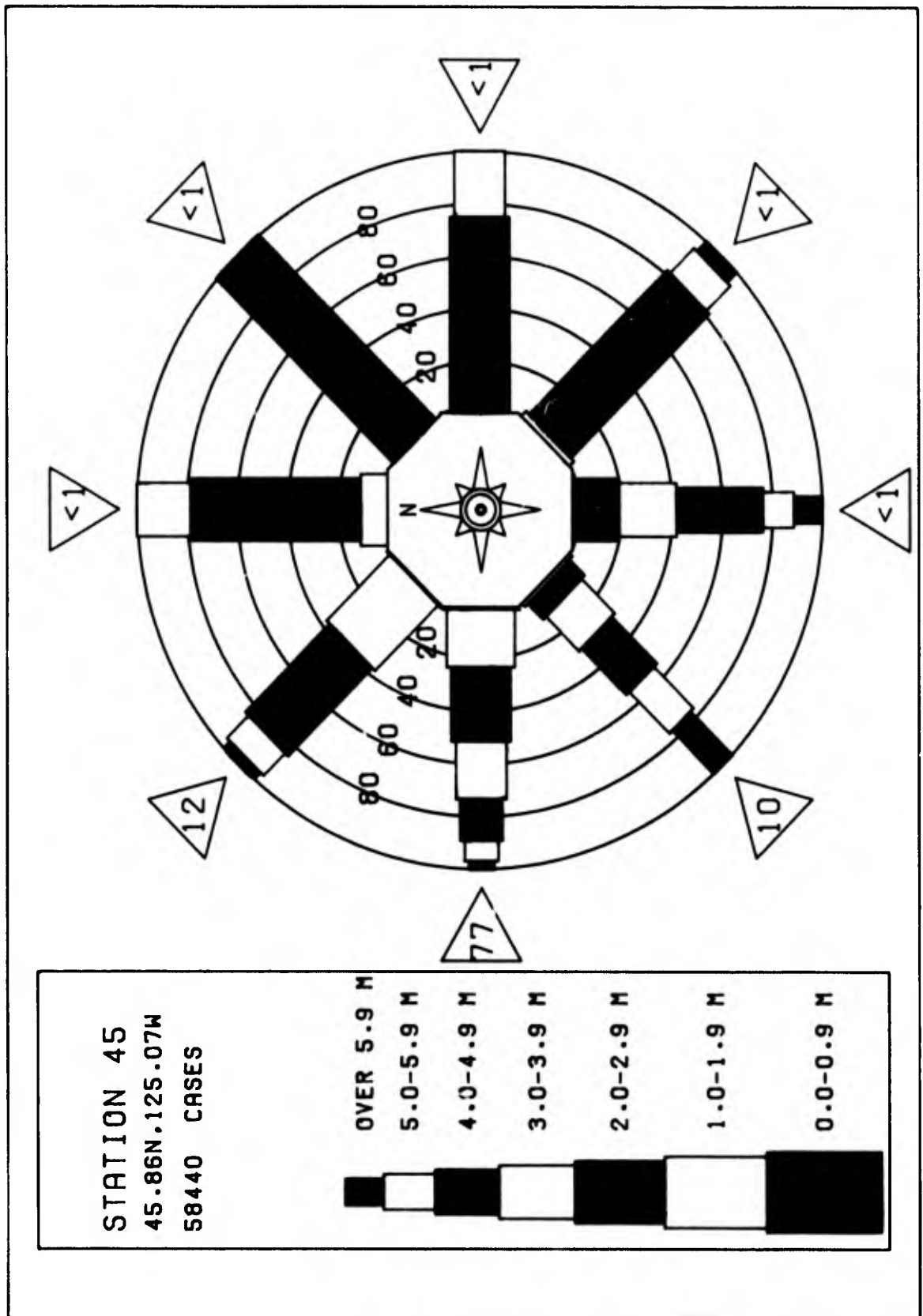
STATION 45 45.86N 125.07W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	18	.	.	.	.	.	.	.	.	.	18
2.0-2.9	35	68	.	10	5	1	.	.	.	.	119
3.0-3.9	1	34	.	1	1	3	.	.	.	.	40
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	55	102	0	11	6	4	0	0	0	0	108

MEAN HS(M) = 2.5 LARGEST HS(M) = 3.8 MEAN TP(SEC) = 6.8 NO. OF CASES = 108.

STATION 45 45.86N 125.07W FOR ALL DIRECTIONS										TOTAL	
PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0. -0.9	37	18	21	1							77
1.0-1.9	188	339	1003	357	149	43	10	1			2141
2.0-2.9	110	271	512	775	733	371	67	1			2848
3.0-3.9	2	117	82	202	600	749	259	15			2035
4.0-4.9		20	20	79	66	60	202	64			1534
5.0-5.9			20	42	113	108	326	27			836
6.0-6.9				9	41	33	49	14			344
7.0-7.9				1	1	10	16	5			110
8.0-8.9						13	7	1			37
9.0-9.9											8
10.0+											1
TOTAL	337	815	1724	1466	1924	2297	1284	123	1	0	58440

MEAN HS(M)= 3.2 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 10.7 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 45 (45.86N 125.07W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1957	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1958	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1959	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1960	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1961	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1962	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1963	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1964	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1965	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1966	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1967	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1968	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1969	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1970	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1971	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1972	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1973	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1974	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	
1975	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 45 (45.86N 125.07W)

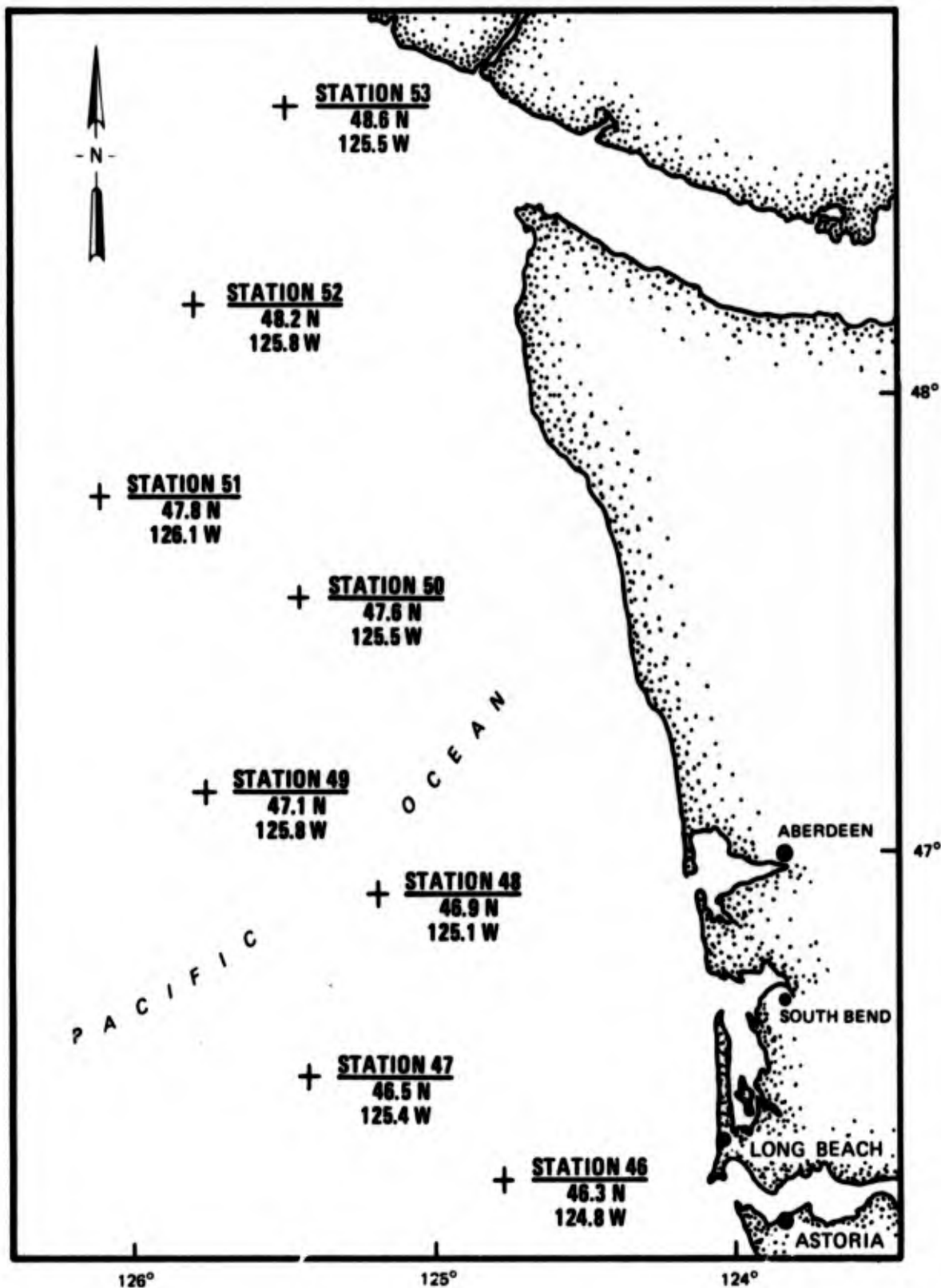
YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1957	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1958	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1959	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1960	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1961	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1962	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1963	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1964	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1965	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1966	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1967	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1968	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1969	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1970	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1971	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1972	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1973	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1974	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
1975	10.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	

20 YR. STATISTICS FOR PACIFIC STATION 45 (45.86N 125.07W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

74011521

APPENDIX G: STA 46 THROUGH 53



STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	1	.	.	.	.	.	.	.	0
1.0-1.9	11	.	.	.	.	.	.	.	.	.	11
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12	0	1	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 5.6 NO. OF CASES= 9.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	1	3	.	.	.	.	.	.	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	2	0	1	3	0	0	0	0	0	0	0

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 7.8 NO. OF CASES= 5.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	.	.	3	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	0	0	3	0	0	0	0	0	0	0

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.8 NO. OF CASES= 6.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.2 NO. OF CASES= 3.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
0	1	0	0	0	0	0	0	0	0	0	1																																
0.1	0	0	0	0	0	0	0	0	0	0	0																																
0.2	0	0	0	0	0	0	0	0	0	0	0																																
0.3	0	0	0	0	0	0	0	0	0	0	0																																
0.4	0	0	0	0	0	0	0	0	0	0	0																																
0.5	0	0	0	0	0	0	0	0	0	0	0																																
0.6	0	0	0	0	0	0	0	0	0	0	0																																
0.7	0	0	0	0	0	0	0	0	0	0	0																																
0.8	0	0	0	0	0	0	0	0	0	0	0																																
0.9	0	0	0	0	0	0	0	0	0	0	0																																
1.0	0	0	0	0	0	0	0	0	0	0	0																																
TOTAL	12	0	0	0	0	0	0	0	0	0	12																																
MEAN HS(M) =	2.3										LARGEST HS(M)=	3.2										MEAN TP(SEC)=	5.3										NO. OF CASES=	8.									

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
0	1	0	0	0	0	0	0	0	0	0	1																																
0.1	0	0	0	0	0	0	0	0	0	0	0																																
0.2	0	0	0	0	0	0	0	0	0	0	0																																
0.3	0	0	0	0	0	0	0	0	0	0	0																																
0.4	0	0	0	0	0	0	0	0	0	0	0																																
0.5	0	0	0	0	0	0	0	0	0	0	0																																
0.6	0	0	0	0	0	0	0	0	0	0	0																																
0.7	0	0	0	0	0	0	0	0	0	0	0																																
0.8	0	0	0	0	0	0	0	0	0	0	0																																
0.9	0	0	0	0	0	0	0	0	0	0	0																																
1.0	0	0	0	0	0	0	0	0	0	0	0																																
TOTAL	13	0	0	0	0	0	0	0	0	0	13																																
MEAN HS(M) =	2.3										LARGEST HS(M)=	2.6										MEAN TP(SEC)=	5.5										NO. OF CASES=	8.									

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
0	5	0	0	0	0	0	0	0	0	0	5																																
0.1	3	0	0	0	0	0	0	0	0	0	3																																
0.2	7	0	0	0	3	0	0	0	0	0	10																																
0.3	0	0	0	0	0	0	1	0	0	0	1																																
0.4	0	0	0	0	0	0	0	0	0	0	0																																
0.5	0	0	0	0	0	0	0	0	0	0	0																																
0.6	0	0	0	0	0	0	0	0	0	0	0																																
0.7	0	0	0	0	0	0	0	0	0	0	0																																
0.8	0	0	0	0	0	0	0	0	0	0	0																																
0.9	0	0	0	0	0	0	0	0	0	0	0																																
1.0	0	0	0	0	0	0	0	0	0	0	0																																
TOTAL	48	0	0	0	3	0	1	0	0	0	52																																
MEAN HS(M) =	2.6										LARGEST HS(M)=	5.1										MEAN TP(SEC)=	6.6										NO. OF CASES=	34.									

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL																																
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER																																	
0	5	0	0	0	0	0	0	0	0	0	5																																
0.1	2	0	0	0	0	0	0	0	0	0	2																																
0.2	3	1	0	0	0	0	0	0	0	0	4																																
0.3	0	3	0	0	0	0	0	0	0	0	3																																
0.4	0	0	0	0	0	0	0	0	0	0	0																																
0.5	0	0	0	0	0	0	0	0	0	0	0																																
0.6	0	0	0	0	0	0	0	0	0	0	0																																
0.7	0	0	0	0	0	0	0	0	0	0	0																																
0.8	0	0	0	0	0	0	0	0	0	0	0																																
0.9	0	0	0	0	0	0	0	0	0	0	0																																
1.0	0	0	0	0	0	0	0	0	0	0	0																																
TOTAL	28	21	0	0	3	3	3	0	0	0	57																																
MEAN HS(M) =	3.0										LARGEST HS(M)=	4.4										MEAN TP(SEC)=	6.8										NO. OF CASES=	36.									

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	61	32	5	6	30	4	1	0	0	0	87.

MEAN HS(M) = 3.2 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 7.6 NO. OF CASES= 87.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	54	66	138	162	353	218	64	2	1	0	630.

MEAN HS(M) = 4.5 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 10.5 NO. OF CASES= 630.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	53	205	531	693	1778	1695	570	17	0	0	3253.

MEAN HS(M) = 4.4 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 11.2 NO. OF CASES= 3253.

STATION 46 46.27N 124.77W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	69	481	1116	1295	2366	3530	2538	228	3	0	6811.

MEAN HS(M) = 3.8 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 11.7 NO. OF CASES= 6811.

STATION 46 46.27N 126.77W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	82	295	272	25	5	1					590
1.0-1.9	111	520	466	2296	1071	448					8678
2.0-2.9	30	145	879	2058	3559	2363	47	18			9723
3.0-3.9		100	100	407	1796	4306	2472	37			9271
4.0-4.9		41	97	71	371	1844	2277	90			4914
5.0-5.9			35	17	42	273	985	213			1627
6.0-6.9			3	5	20	49	184	159			420
7.0-7.9						1	15	37			53
8.0-8.9				1			1	10			12
9.0-9.9											0
10.0+											0
TOTAL	223	1011	5552	4880	6864	9285	6615	839	19	0	

MEAN HS(M) = 2.9 LARGEST HS(M) = 8.6 MEAN TP(SEC) = 11.5 NO. OF CASES = 20640.

STATION 46 46.27N 126.77W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	342	174	350	41	5	41					953
1.0-1.9	1261	2753	6921	2760	1223	340	88	35			15392
2.0-2.9	516	1139	2164	3771	4322	2597	390	58	11		14968
3.0-3.9		503	172	367	1815	3107	1480	65			7509
4.0-4.9		71	179	44	215	1375	1167	152			3203
5.0-5.9			41	63	88	171	475	114			952
6.0-6.9			3	17	20	22	107	37			206
7.0-7.9				3	3	5	15	15			41
8.0-8.9						1	1				18
9.0-9.9											0
10.0+											0
TOTAL	2119	4640	9830	7066	7691	7659	3740	476	22	0	

MEAN HS(M) = 2.5 LARGEST HS(M) = 9.1 MEAN TP(SEC) = 10.2 NO. OF CASES = 25287.

STATION 46 46.27N 126.77W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	29	15									44
1.0-1.9	535	148	77	34	3	5					802
2.0-2.9	403	720	135	140	58	25					1481
3.0-3.9	1	195	41	5	27	34					303
4.0-4.9		3	8	5		1					17
5.0-5.9			1	1							2
6.0-6.9				1							0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	968	1081	262	186	88	65	0	0	0	0	

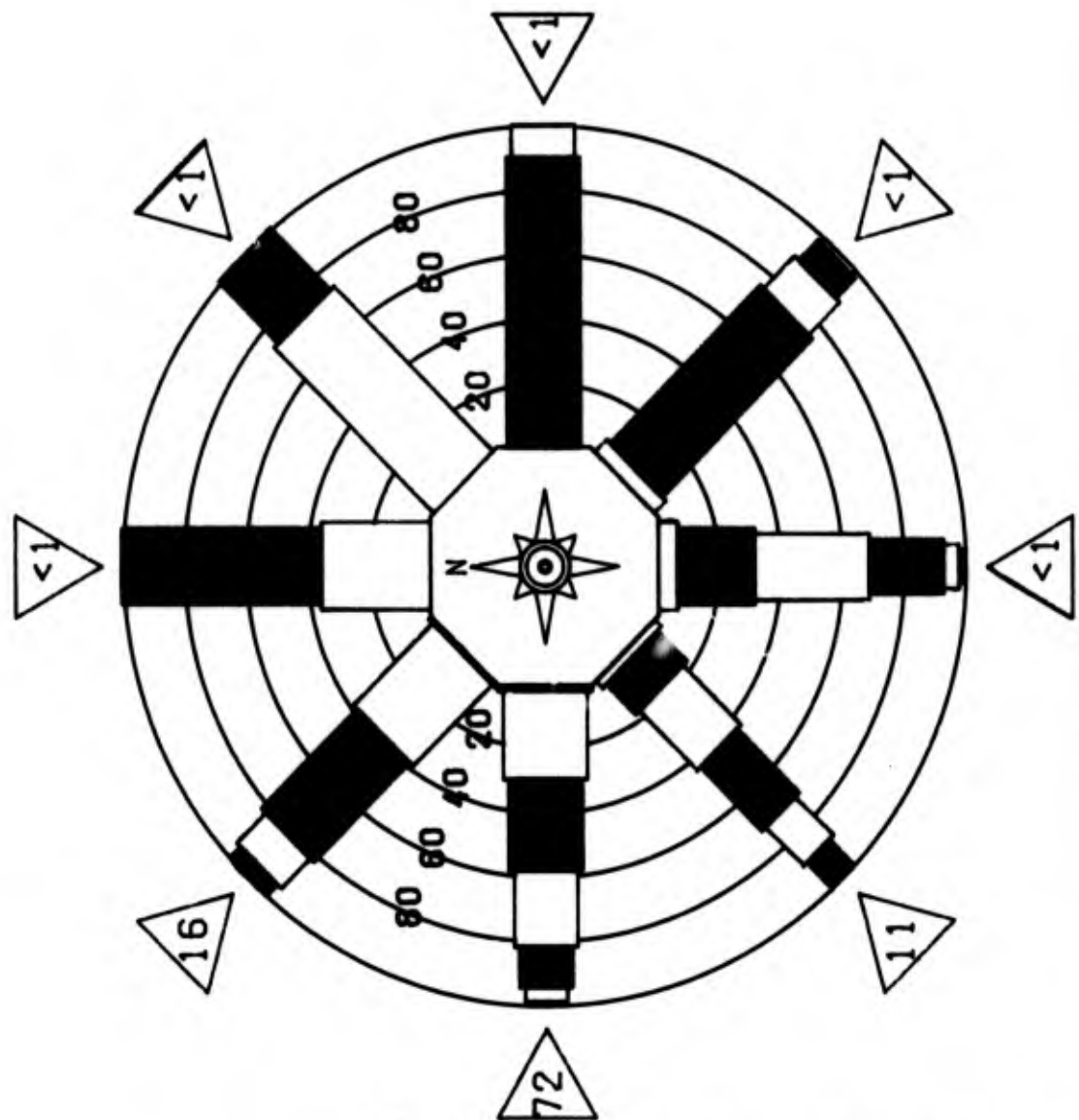
MEAN HS(M) = 2.2 LARGEST HS(M) = 6.0 MEAN TP(SEC) = 6.9 NO. OF CASES = 1555.

STATION 46 46.27N 126.77W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1										1
1.0-1.9	18		1								19
2.0-2.9	27	42		3		3					75
3.0-3.9	1	11				1					13
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	47	54	1	3	0	4	0	0	0	0	

MEAN HS(M) = 2.4 LARGEST HS(M) = 4.2 MEAN TP(SEC) = 6.4 NO. OF CASES = 68.

HEIGHT (METRES)	STATION 46 46.27N 124.77W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	45	40	66	6	1	4					162
1.0-1.9	199	365	1165	530	239	79	14				1607
2.0-2.9	124	223	370	159	87	550	112				1607
3.0-3.9	5	110	77	151	203	91	45				1607
4.0-4.9		19	51	63	80	145	21				1607
5.0-5.9			13	15	16	59	18				1607
6.0-6.9			1	3	1	20	9				1607
7.0-7.9						1	1				1607
8.0-8.9											1607
9.0-9.9											1607
10.0+											1607
TOTAL	373	757	1743	1427	1915	2244	1352	151	4	0	58440
MEAN HS(M)=	2.9	LARGEST HS(M)= 10.7		MEAN TP(SEC)= 10.8			TOTAL CASES= 58440.				



STATION 46
46.27N, 124.77W
58440 CASES

OVER 5.9 M
5.0-5.9 M
4.0-4.9 M
3.0-3.9 M
2.0-2.9 M
1.0-1.9 M
0.0-0.9 M

MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 46 (46.27N 124.77W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
1996	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
1997	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
1998	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
1999	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2000	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2001	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2002	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2003	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2004	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2005	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2006	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2007	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2008	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2009	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2010	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2011	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2012	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2013	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2014	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
2015	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9
MEAN	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.1	3.9	4.4	2.9

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 46 (46.27N 124.77W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1995	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
1996	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
1997	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
1998	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
1999	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2000	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2001	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2002	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2003	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2004	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2005	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2006	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2007	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2008	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2009	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2010	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2011	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2012	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2013	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2014	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7
2015	7.7	7.7	5.9	6.9	7.7	6.9	7.7	7.7	7.7	7.7	7.7	7.7

20 YR. STATISTICS FOR PACIFIC STATION 46 (46.27N 124.77W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 10.9
 MEAN PEAK WAVE PERIOD (SECONDS)= 292.9
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 11.5
 STANDARD DEVIATION OF HS(METRES)= 2.3
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 10.7
 TP (SECONDS)ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 213.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011518

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0	1	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	2	0	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 5.7 NO. OF CASES= 7.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	3	1	.	1	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	3	1	0	1	0	0	0	0	0	0	4

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.0 NO. OF CASES= 4.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	1	3	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	1	3	0	0	0	0	0	0	0	0	3

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 5.8 NO. OF CASES= 3.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	.	3	.	1	.	.	.	.	.	.	0
2.0-2.9	.	1	.	.	.	.	.	.	.	.	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
TOTAL	0	4	0	1	0	0	0	0	0	0	4

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 7.3 NO. OF CASES= 4.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	5	10	.	1	.	.	.	.	.	.	16
2	.	1	.	.	.	.	.	.	.	.	1
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	5	12	0	1	0	0	0	0	0	0	0

MEAN HS(M) = 2.8 LARGEST HS(M) = 4.8 MEAN TP(SEC) = 6.5 NO. OF CASES = 12.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	1	.	.	1	.	.	.	.	.	.	3
2	.	23	.	.	.	.	.	.	.	.	23
3	.	3	.	.	.	.	.	.	.	.	3
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	7	27	0	1	0	0	0	0	0	0	0

MEAN HS(M) = 2.8 LARGEST HS(M) = 4.9 MEAN TP(SEC) = 6.4 NO. OF CASES = 23.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	10	.	.	.	1	.	.	.	.	.	12
2	.	25	.	.	.	.	.	.	.	.	25
3	.	35	.	.	.	.	.	.	.	.	35
4	.	1	1	.	.	.	3	.	.	.	5
5	.	18	.	.	.	.	.	.	.	.	18
6	0
7	0
8	0
9	0
10	0
TOTAL	10	79	1	0	2	0	3	0	0	0	0

MEAN HS(M) = 3.5 LARGEST HS(M) = 5.4 MEAN TP(SEC) = 7.1 NO. OF CASES = 59.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	0
1	11	.	.	.	3	.	.	.	.	.	14
2	.	20	.	.	.	.	.	.	.	.	20
3	.	46	.	.	1	.	.	.	.	.	47
4	.	25	.	.	1	5	.	.	.	.	31
5	.	6	6	.	.	.	.	.	.	.	12
6	0
7	0
8	0
9	0
10	0
TOTAL	12	97	6	0	5	2	5	0	0	0	0

MEAN HS(M) = 3.6 LARGEST HS(M) = 5.6 MEAN TP(SEC) = 7.4 NO. OF CASES = 79.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1
10.0+	1	1	1	1	1	1	1	1	1	1	1
TOTAL	7	151	78	47	53	26	6	0	0	0	225

MEAN HS(M) = 4.4 LARGEST HS(M) = 9.4 MEAN TP(SEC) = 8.8 NO. OF CASES = 225.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1
10.0+	1	1	1	1	1	1	1	1	1	1	1
TOTAL	15	248	281	240	417	325	96	5	0	0	963

MEAN HS(M) = 5.0 LARGEST HS(M) = 10.9 MEAN TP(SEC) = 10.3 NO. OF CASES = 963.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1
10.0+	1	1	1	1	1	1	1	1	1	1	1
TOTAL	26	302	560	682	1344	1588	676	26	0	0	3057

MEAN HS(M) = 5.0 LARGEST HS(M) = 11.9 MEAN TP(SEC) = 11.2 NO. OF CASES = 3057.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1
10.0+	1	1	1	1	1	1	1	1	1	1	1
TOTAL	68	723	1611	1946	3501	5326	3260	239	0	0	9762

MEAN HS(M) = 4.3 LARGEST HS(M) = 10.9 MEAN TP(SEC) = 11.6 NO. OF CASES = 9762.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	123	160	85	13	3	20					404
1.0-1.9	237	250	130	23	720	121					1297
2.0-2.9	94	250	172	30	31	102					679
3.0-3.9		35	173	107	159	38					492
4.0-4.9			94	23	1	17					148
5.0-5.9			1	1							2
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	454	2315	7975	6579	8614	9486	5733	651	9	0	24454

MEAN HS(M) = 3.1 LARGEST HS(M)= 9.3 MEAN TP(SEC)= 11.0 NO. OF CASES= 24454.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	244	94	131	27	6						502
1.0-1.9	1161	238	450	229	588	104					2773
2.0-2.9	550	150	204	346	299	177					1626
3.0-3.9		50	180	174	143	108					555
4.0-4.9			10	49	25	100					184
5.0-5.9			3	18	13	4					38
6.0-6.9					6	1					7
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	1955	4617	7099	4980	5322	5287	2596	301	12	0	18818

MEAN HS(M) = 2.5 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 9.9 NO. OF CASES= 18818.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	13										13
1.0-1.9	249	107	44	20	15	3					438
2.0-2.9	176	58	87	46	35	10					409
3.0-3.9		122	14		11	0					157
4.0-4.9			3			1					4
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	438	819	162	67	51	20	0	0	0	0	917

MEAN HS(M) = 2.3 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 6.9 NO. OF CASES= 917.

STATION 47 46.50N 125.42W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

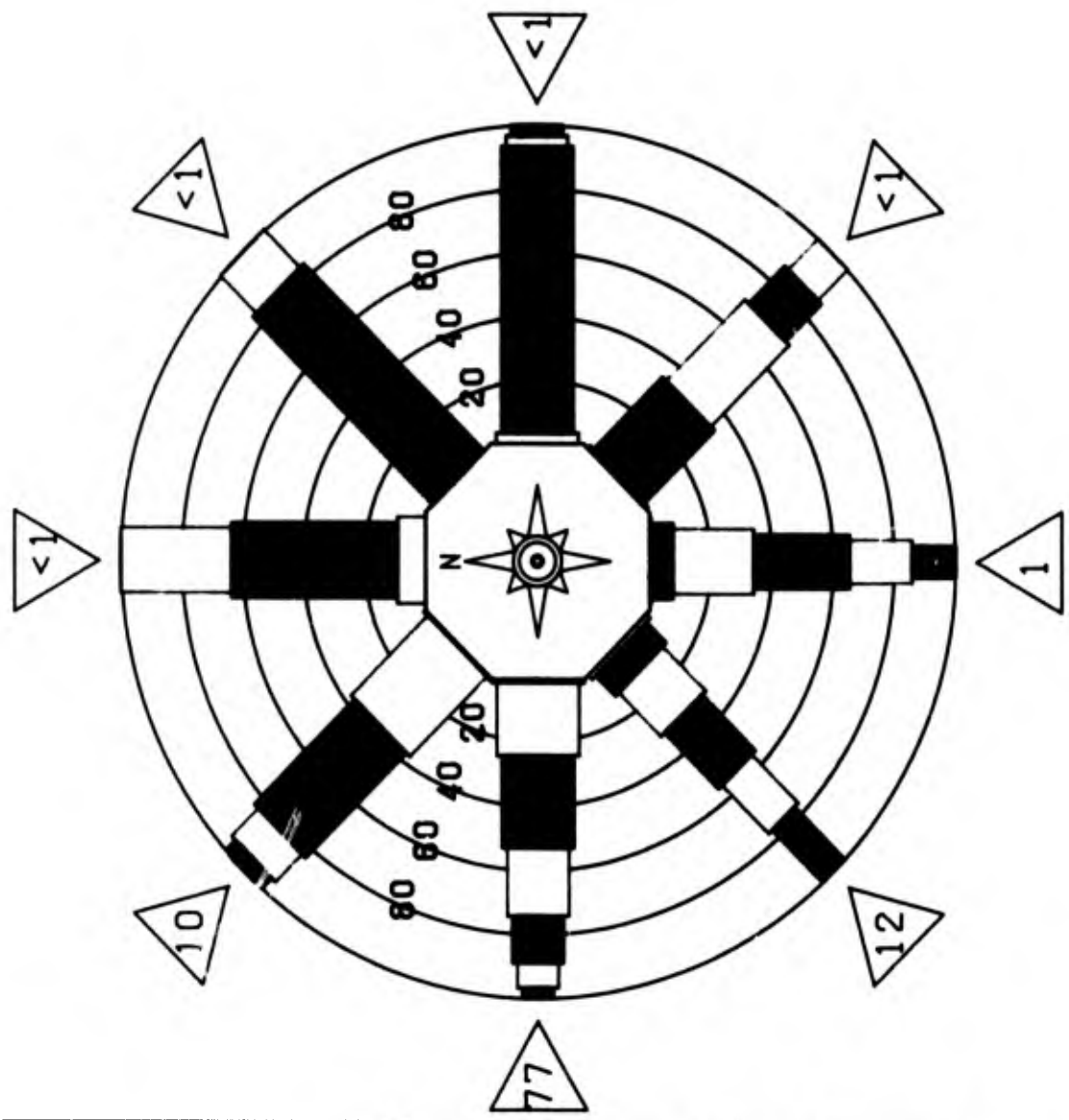
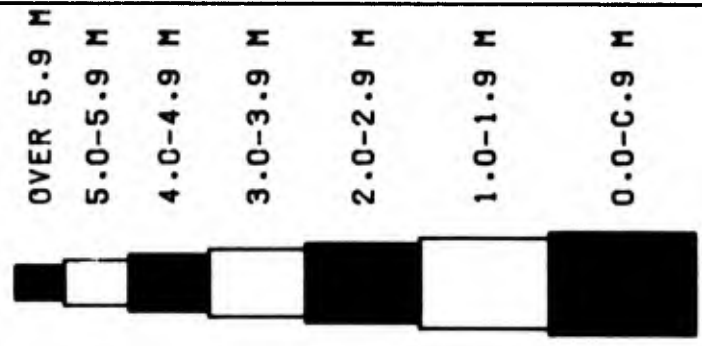
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9	5										5
2.0-2.9	27	17				5					54
3.0-3.9			1			6					7
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	32	44	1	0	0	11	0	0	0	0	53

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.1 NO. OF CASES= 53.

HEIGHT(METRES)	STATION 47 46.50N 125.42W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	38	28	24	4		2					96
0.0	170	440	101	332	137	330	0	0			2135
0.1	97	240	51	77	70	30	0	0			1501
0.2		140	10	20	65	30	0	0			507
0.3		33	10	7	57	10	0	0			150
0.4		3	3	4	10	6	0	0			41
0.5				1	5	1	0	0			11
0.6					1	1	0	0			2
0.7						1	0	0			1
0.8							0	0			0
0.9							0	0			0
1.0							0	0			0
TOTAL	305	944	1777	1453	1930	2205	1236	119	2	0	58440

MEAN HS(M)= 3.2 LARGEST HS(M)= 11.9 MEAN TP(SEC)= 10.7 TOTAL CASES= 58440.

STATION 47
 46.50N.125.42W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 47 (46.50N 125.42W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1976	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1977	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1978	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1979	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1980	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1981	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1982	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1983	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1984	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1985	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1986	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1987	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1988	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1989	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1990	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1991	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1992	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1993	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1994	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1995	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1996	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1997	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1998	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
1999	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2000	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2001	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2002	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2003	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2004	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2005	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2006	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2007	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2008	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2009	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2010	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2011	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2012	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2013	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2014	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2015	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2016	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2017	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2018	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2019	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8
2020	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	3.8

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 47 (46.50N 125.42W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	1	1	1	1	1	1	1	1	1	1	1	1	1
1976	1	1	1	1	1	1	1	1	1	1	1	1	1
1977	1	1	1	1	1	1	1	1	1	1	1	1	1
1978	1	1	1	1	1	1	1	1	1	1	1	1	1
1979	1	1	1	1	1	1	1	1	1	1	1	1	1
1980	1	1	1	1	1	1	1	1	1	1	1	1	1
1981	1	1	1	1	1	1	1	1	1	1	1	1	1
1982	1	1	1	1	1	1	1	1	1	1	1	1	1
1983	1	1	1	1	1	1	1	1	1	1	1	1	1
1984	1	1	1	1	1	1	1	1	1	1	1	1	1
1985	1	1	1	1	1	1	1	1	1	1	1	1	1
1986	1	1	1	1	1	1	1	1	1	1	1	1	1
1987	1	1	1	1	1	1	1	1	1	1	1	1	1
1988	1	1	1	1	1	1	1	1	1	1	1	1	1
1989	1	1	1	1	1	1	1	1	1	1	1	1	1
1990	1	1	1	1	1	1	1	1	1	1	1	1	1
1991	1	1	1	1	1	1	1	1	1	1	1	1	1
1992	1	1	1	1	1	1	1	1	1	1	1	1	1
1993	1	1	1	1	1	1	1	1	1	1	1	1	1
1994	1	1	1	1	1	1	1	1	1	1	1	1	1
1995	1	1	1	1	1	1	1	1	1	1	1	1	1
1996	1	1	1	1	1	1	1	1	1	1	1	1	1
1997	1	1	1	1	1	1	1	1	1	1	1	1	1
1998	1	1	1	1	1	1	1	1	1	1	1	1	1
1999	1	1	1	1	1	1	1	1	1	1	1	1	1
2000	1	1	1	1	1	1	1	1	1	1	1	1	1
2001	1	1	1	1	1	1	1	1	1	1	1	1	1
2002	1	1	1	1	1	1	1	1	1	1	1	1	1
2003	1	1	1	1	1	1	1	1	1	1	1	1	1
2004	1	1	1	1	1	1	1	1	1	1	1	1	1
2005	1	1	1	1	1	1	1	1	1	1	1	1	1
2006	1	1	1	1	1	1	1	1	1	1	1	1	1
2007	1	1	1	1	1	1	1	1	1	1	1	1	1
2008	1	1	1	1	1	1	1	1	1	1	1	1	1
2009	1	1	1	1	1	1	1	1	1	1	1	1	1
2010	1	1	1	1	1	1	1	1	1	1	1	1	1
2011	1	1	1	1	1	1	1	1	1	1	1	1	1
2012	1	1	1	1	1	1	1	1	1	1	1	1	1
2013	1	1	1	1	1	1	1	1	1	1	1	1	1
2014	1	1	1	1	1	1	1	1	1	1	1	1	1
2015	1	1	1	1	1	1	1	1	1	1	1	1	1
2016	1	1	1	1	1	1	1	1	1	1	1	1	1
2017	1	1	1	1	1	1	1	1	1	1	1	1	1
2018	1	1	1	1	1	1	1	1	1	1	1	1	1
2019	1	1	1	1	1	1	1	1	1	1	1	1	1
2020	1	1	1	1	1	1	1	1	1	1	1	1	1

20 YR. STATISTICS FOR PACIFIC STATION 47 (46.50N 125.42W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.2
MEAN PERIOD (SECONDS)=	10.0
MOST FREQUENT PERCENT DIRECTION BAND (DEGREES)=	270
STANDARD DEVIATION OF H(METRES)=	1.0
STANDARD DEVIATION OF TP(SECONDS)=	1.5
LARGEST HS(METRES)=	5.0
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	11
AVERAGE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	270
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	63123103

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	:	:	:	:	:	:	:	:	:	0
1.0-1.9	:	:	:	:	:	:	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
10.0+	:	:	:	:	:	:	:	:	:	:	0
TOTAL	3	0	0	0	0	0	0	0	0	0	6

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.5 MEAN TP(SEC)= 5.3 NO. OF CASES= 6.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	:	:	:	1	:	:	:	:	:	:	0
1.0-1.9	:	:	:	:	:	:	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
10.0+	:	:	:	:	:	:	:	:	:	:	0
TOTAL	0	0	0	1	0	0	0	0	0	0	1

MEAN HS(M) = 1.7 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 9.9 NO. OF CASES= 1.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	:	:	:	:	:	:	:	:	:	0
1.0-1.9	:	:	:	:	:	:	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
10.0+	:	:	:	:	:	:	:	:	:	:	0
TOTAL	3	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 1.9 LARGEST HS(M)= 1.9 MEAN TP(SEC)= 5.1 NO. OF CASES= 2.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	:	:	:	:	:	:	:	:	:	0
1.0-1.9	:	:	:	:	:	:	:	:	:	:	0
2.0-2.9	:	:	:	:	:	:	:	:	:	:	0
3.0-3.9	:	:	:	:	:	:	:	:	:	:	0
4.0-4.9	:	:	:	:	:	:	:	:	:	:	0
5.0-5.9	:	:	:	:	:	:	:	:	:	:	0
6.0-6.9	:	:	:	:	:	:	:	:	:	:	0
7.0-7.9	:	:	:	:	:	:	:	:	:	:	0
8.0-8.9	:	:	:	:	:	:	:	:	:	:	0
9.0-9.9	:	:	:	:	:	:	:	:	:	:	0
10.0+	:	:	:	:	:	:	:	:	:	:	0
TOTAL	2	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.3 MEAN TP(SEC)= 5.1 NO. OF CASES= 2.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	3	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	0	0	3	0	0	0	0	0	0	4

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 7.6 NO. OF CASES= 4.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	23	.	.	.	.	.	.	.	.	.	23
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	24	0	0	0	0	0	0	0	0	0	15

MEAN HS(M) = 2.2 LARGEST HS(M)= 2.7 MEAN TP(SEC)= 5.4 NO. OF CASES= 15.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	6
2.0-2.9	34	.	.	.	3	.	.	.	.	.	37
3.0-3.9	3	.	.	.	.	.	.	.	.	.	3
4.0-4.9	.	5	.	.	.	.	1	.	.	.	6
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	43	5	0	0	3	0	1	0	0	0	32

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 6.2 NO. OF CASES= 32.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	3
2.0-2.9	23	.	.	.	1	.	.	.	.	.	24
3.0-3.9	5	18	.	.	3	.	1	.	.	.	27
4.0-4.9	.	8	.	.	.	.	6	.	.	.	14
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	30	26	0	0	5	0	7	0	0	0	43

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.7 MEAN TP(SEC)= 7.3 NO. OF CASES= 43.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	48	66	26	32	35	7	1	0	0	0	134

MEAN HS(M) = 3.7 LARGEST HS(M) = 7.1 MEAN TP(SEC) = 8.2 NO. OF CASES = 134.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	51	216	278	263	558	406	98	9	0	0	1112

MEAN HS(M) = 4.6 LARGEST HS(M) = 10.3 MEAN TP(SEC) = 10.4 NO. OF CASES = 1112.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	85	422	757	841	1888	2020	757	33	0	0	3991

MEAN HS(M) = 4.4 LARGEST HS(M) = 9.6 MEAN TP(SEC) = 11.1 NO. OF CASES = 3991.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9											0
1.0-1.9											0
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	93	572	1473	1560	2480	3922	2844	356	0	0	7791

MEAN HS(M) = 3.6 LARGEST HS(M) = 8.8 MEAN TP(SEC) = 11.7 NO. OF CASES = 7791.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	106	254	415	39	8	516	54	34	.	.	822
1.0-1.9	123	554	509	39	1348	2819	751	34	.	.	10663
2.0-2.9	37	155	901	290	4048	4281	2705	106	11	.	13096
3.0-3.9	.	17	112	306	1666	337	2234	106	.	.	4476
4.0-4.9	.	.	15	220	337	1563	276	106	.	.	1346
5.0-5.9	.	.	.	22	25	230	111	114	.	.	276
6.0-6.9	.	.	.	6	.	1	9	13	.	.	26
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	266	1065	6632	5785	7474	9445	6630	816	11	0	22297.

MEAN HS(M) = 2.8 LARGEST HS(M)= 8.5 MEAN TP(SEC)= 11.3 NO. OF CASES= 22297.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	374	227	390	56	32	32	60	54	11	.	1079
1.0-1.9	1283	3020	1791	2703	1223	345	523	54	8	.	14944
2.0-2.9	540	1261	6237	2965	1519	2452	1201	54	.	.	13096
3.0-3.9	.	444	142	263	1411	682	590	54	.	.	5803
4.0-4.9	.	42	145	44	207	147	292	107	.	.	2117
5.0-5.9	.	1	29	53	49	23	56	17	.	.	118
6.0-6.9	.	.	.	15	10	1	15	5	.	.	118
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2197	4995	8754	6099	6420	6250	2756	321	19	0	22113.

MEAN HS(M) = 2.3 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 9.9 NO. OF CASES= 22113.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	5	11	54	23	6	6	.	.	.	.	116
1.0-1.9	251	100	54	58	27	10	.	.	.	.	444
2.0-2.9	1	466	161	158	6	15	.	.	.	.	1222
3.0-3.9	.	5	1	5	.	.	.	.	.	.	16
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	508	666	132	91	39	33	0	0	0	0	866.

MEAN HS(M) = 2.2 LARGEST HS(M)= 5.8 MEAN TP(SEC)= 6.9 NO. OF CASES= 866.

STATION 48 46.91N 125.11W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

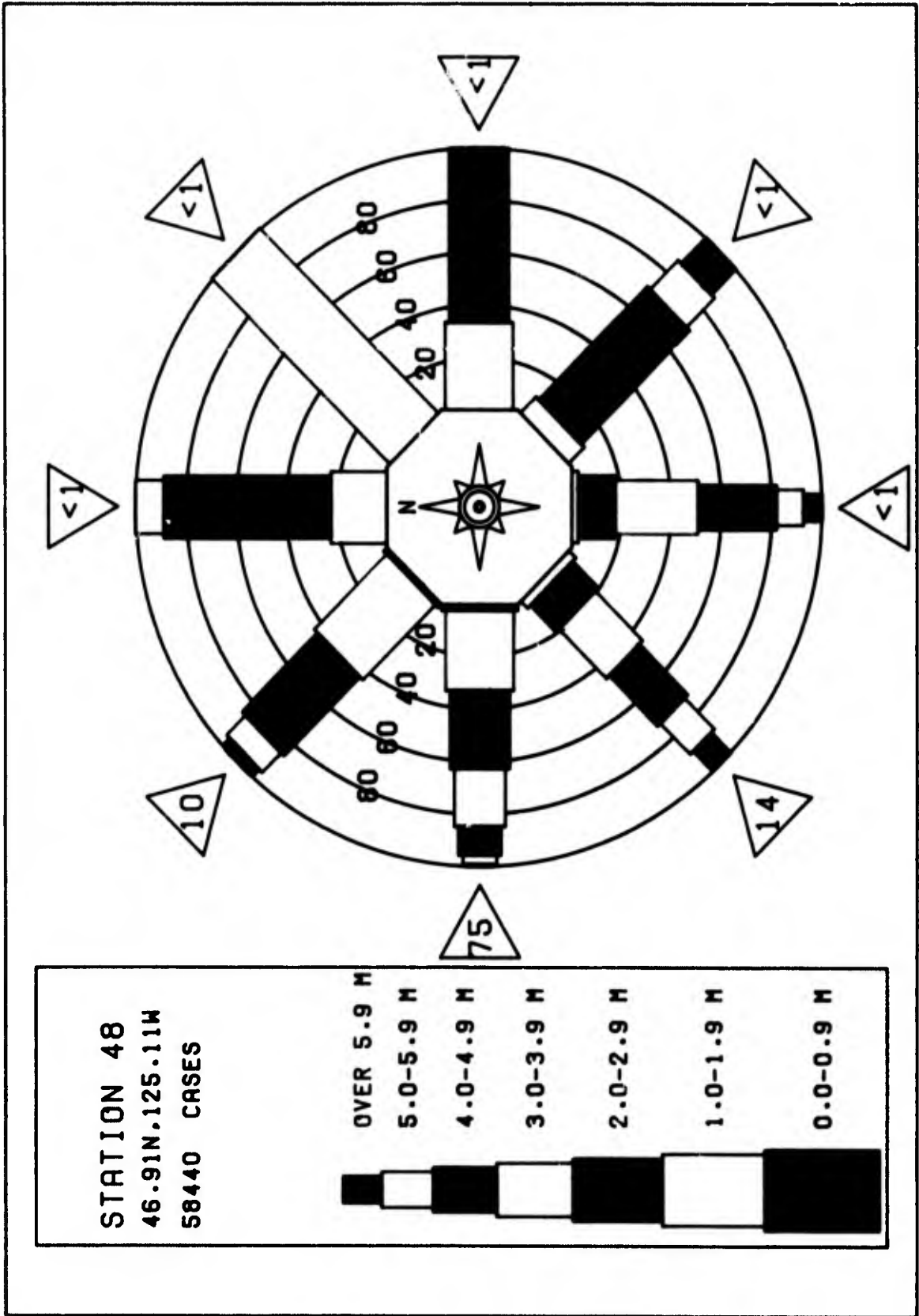
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	10	.	.	.	.	.	.	.	.	.	10
1.0-1.9	10	13	.	1	1	3	.	.	.	.	30
2.0-2.9	.	3	.	.	.	.	.	.	.	.	3
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	16	0	1	1	11	0	0	0	0	31.

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 7.7 NO. OF CASES= 31.

STATION 48 46.91N 125.11W FOR ALL DIRECTIONS
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS
 HEIGHT (METRES) PEAK PERIOD (SECONDS) TOTAL

HEIGHT (METRES)	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	TOTAL
0	49	51	86	9	268	3	13	0	1	0	198
0.1	174	336	1204	504	200	14	24	0	2	0	2747
0.2	111	105	389	101	405	8	13	0	0	0	2095
0.3	4	2	21	2	105	1	0	0	0	0	147
0.4	0	0	1	0	2	0	0	0	0	0	60
0.5	0	0	0	0	0	0	0	0	0	0	26
0.6	0	0	0	0	0	0	0	0	0	0	14
0.7	0	0	0	0	0	0	0	0	0	0	8
0.8	0	0	0	0	0	0	0	0	0	0	5
0.9	0	0	0	0	0	0	0	0	0	0	3
10.0+	0	0	0	0	0	0	0	0	0	0	1
TOTAL	338	804	1803	1466	1888	2208	1307	150	3	0	58440

MEAN HS(M)= 2.8 LARGEST HS(M)= 10.3 MEAN TP(SEC)= 10.7 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 48 (46.91N 125.11W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
MEAN	4.1	3.8	3.4	2.8	2.1	1.8	1.6	1.6	1.9	3.0	3.8	4.3	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 48 (46.91N 125.11W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1957	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1958	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1959	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1960	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1961	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1962	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1963	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1964	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1965	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1966	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1967	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1968	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1969	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1970	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1971	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1972	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1973	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1974	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1975	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

20 YR. STATISTICS FOR PACIFIC STATION 48 (46.91N 125.11W)

MEAN SIGNIFICANT WAVE HEIGHT (METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5 CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS (METRES)=
 STANDARD DEVIATION OF TP (SECONDS)=
 LARGEST HS (METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)

270
15
21

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	3	.	.	.	.	.	.	.	.	.	11
4.0-4.9	.	11	.	.	.	.	.	.	.	.	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	11	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 3.1 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.3 NO. OF CASES= 9.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	1	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.6 LARGEST HS(M)= 2.6 MEAN TP(SEC)= 6.1 NO. OF CASES= 1.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 0. LARGEST HS(M)= 0. MEAN TP(SEC)= 0. NO. OF CASES= 0.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	3	1	.	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	3	2	0	0	0	0	0	0	0	0	0

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 5.8 NO. OF CASES= 4.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9
1.0-1.9
2.0-2.9
3.0-3.9
4.0-4.9
5.0-5.9
6.0-6.9
7.0-7.9
8.0-8.9
9.0-9.9
10.0+
TOTAL	18	6	0	0	0	0	0	0	0	15

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 5.8 NO. OF CASES= 15.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9
1.0-1.9
2.0-2.9
3.0-3.9
4.0-4.9
5.0-5.9
6.0-6.9
7.0-7.9
8.0-8.9
9.0-9.9
10.0+
TOTAL	10	15	1	1	0	0	6	0	0	25

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 7.7 NO. OF CASES= 25.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9
1.0-1.9
2.0-2.9
3.0-3.9
4.0-4.9
5.0-5.9
6.0-6.9
7.0-7.9
8.0-8.9
9.0-9.9
10.0+
TOTAL	7	73	2	1	2	0	1	0	0	55

MEAN HS(M) = 3.5 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.1 NO. OF CASES= 55.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)									TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2		22.3-LONGER
0.0-0.9
1.0-1.9
2.0-2.9
3.0-3.9
4.0-4.9
5.0-5.9
6.0-6.9
7.0-7.9
8.0-8.9
9.0-9.9
10.0+
TOTAL	6	109	14	0	7	2	3	0	0	88

MEAN HS(M) = 3.7 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 7.5 NO. OF CASES= 88.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	18	3	.	3	.	.	.	.	.	33
2.0-2.9	.	100	15	5	20	11	3	.	.	.	124
3.0-3.9	.	46	124	35	32	18	3	.	.	.	248
4.0-4.9	.	.	11	11	11	8	.	.	.	.	53
5.0-5.9	.	.	.	.	1	1	5	.	.	.	8
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	11	164	221	79	82	44	12	0	0	0	513
TOTAL											369

MEAN HS(M) = 4.7 LARGEST HS(M) = 9.7 MEAN TP(SEC) = 9.1 NO. OF CASES = 369.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	.	.	1	.	1	.	.	.	.	.	0
1.0-1.9	17	78	23	1	8	.	.	.	.	.	130
2.0-2.9	.	200	87	73	77	27	3	.	.	.	472
3.0-3.9	.	59	162	67	140	80	10	.	.	.	539
4.0-4.9	.	1	100	138	143	73	11	.	.	.	460
5.0-5.9	.	.	22	51	39	124	22	.	.	.	376
6.0-6.9	.	.	3	.	6	13	7	.	.	.	184
7.0-7.9	13	7	.	.	.	68
8.0-8.9	13	7	.	.	.	31
9.0-9.9	13	7	.	.	.	14
10.0+	17	338	398	353	562	489	110	9	0	0	1344

MEAN HS(M) = 5.1 LARGEST HS(M) = 11.0 MEAN TP(SEC) = 10.3 NO. OF CASES = 1344.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	23	27	8	13	.	.	.	.	.	0
1.0-1.9	34	21	13	136	58	10	.	.	.	.	81
2.0-2.9	.	25	55	207	364	220	10	.	.	.	538
3.0-3.9	.	70	126	116	408	415	10	.	.	.	1187
4.0-4.9	.	.	142	46	284	521	181	.	.	.	1453
5.0-5.9	.	.	8	46	171	302	130	.	.	.	1334
6.0-6.9	.	.	.	5	58	207	130	.	.	.	780
7.0-7.9	.	.	.	.	11	73	130	.	.	.	418
8.0-8.9	.	.	.	.	.	15	130	.	.	.	181
9.0-9.9	.	.	.	.	.	15	130	.	.	.	30
10.0+	44	501	744	684	1367	1803	860	47	0	0	3549

MEAN HS(M) = 4.9 LARGEST HS(M) = 11.2 MEAN TP(SEC) = 11.1 NO. OF CASES = 3549.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	39	35	22	270	32	.	.	.	.	.	57
1.0-1.9	53	328	662	867	669	155	3	.	.	.	1334
2.0-2.9	.	172	986	207	1529	3259	27	.	.	.	764
3.0-3.9	.	49	326	334	946	3203	188	.	.	.	4098
4.0-4.9	.	1	112	167	321	1206	132	.	.	.	2550
5.0-5.9	.	.	3	66	234	417	132	.	.	.	1628
6.0-6.9	.	.	.	3	54	67	109	.	.	.	458
7.0-7.9	.	.	.	.	5	58	75	.	.	.	147
8.0-8.9	.	.	.	.	.	1	15	.	.	.	63
9.0-9.9	.	.	.	.	.	.	1	.	.	.	11
10.0+	92	886	2047	2315	3793	5797	3542	312	0	0	10994

MEAN HS(M) = 4.2 LARGEST HS(M) = 10.5 MEAN TP(SEC) = 11.5 NO. OF CASES = 10994.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	260	164	172	15	865	6					617
1.0-1.9	287	212	55	196	10	254					1107
2.0-2.9	131	485	244	224	77	203					1074
3.0-3.9		233	183	106	107	111					531
4.0-4.9		1	100	20	59	124					224
5.0-5.9			1	1	1	1					4
6.0-6.9											1
7.0-7.9											1
8.0-8.9											1
9.0-9.9											1
10.0+											1
TOTAL	678	3001	8768	7659	8940	9398	5320	593	10	0	25949

MEAN HS(M) = 2.9 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 10.8 NO. OF CASES= 25949.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	160	128	99	32	508	106					419
1.0-1.9	1091	2417	3800	1468	2101	1471					9475
2.0-2.9	475	1608	1848	2101	2655	2722					10022
3.0-3.9		438	179	340	1050	1233					4004
4.0-4.9		41	169	10	201	171					1602
5.0-5.9			20	32	10	23					60
6.0-6.9			1	6	6	23					130
7.0-7.9											6
8.0-8.9											1
9.0-9.9											1
10.0+											1
TOTAL	1726	4632	6116	4020	4063	3836	1745	196	6	0	15408

MEAN HS(M) = 2.4 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 9.7 NO. OF CASES= 15408.

STATION 49 47.14N 125.77W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	5	1	30	6	6	6					6
1.0-1.9	153	83	39	22	17	1					281
2.0-2.9	148	367	110								625
3.0-3.9	1	85	10								96
4.0-4.9			1	5							6
5.0-5.9											1
6.0-6.9											1
7.0-7.9											1
8.0-8.9											1
9.0-9.9											1
10.0+											1
TOTAL	306	535	91	33	23	12	0	0	0	0	591

MEAN HS(M) = 2.3 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.8 NO. OF CASES= 591.

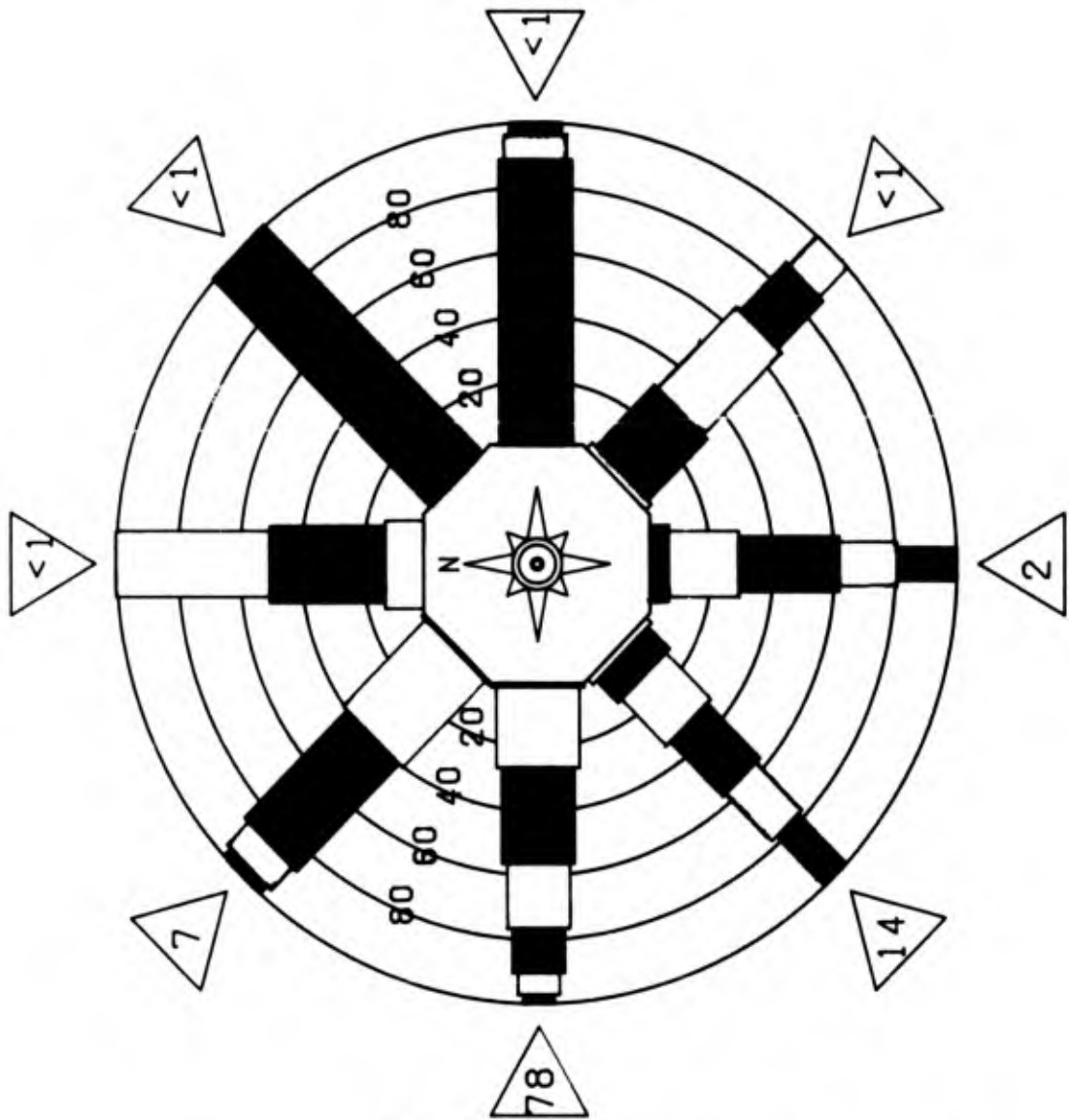
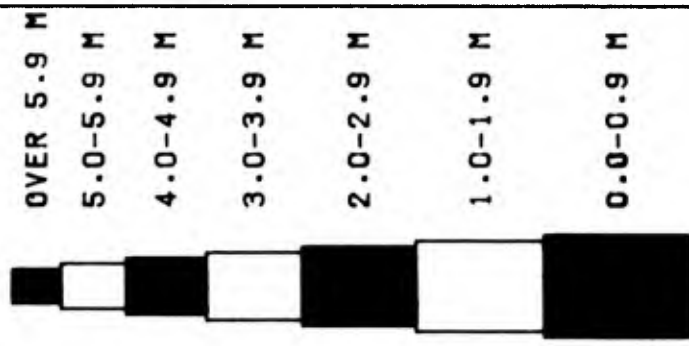
STATION 49 47.14N 125.77W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9						1					1
1.0-1.9	11					8					19
2.0-2.9	22	15									37
3.0-3.9	1										1
4.0-4.9											
5.0-5.9											
6.0-6.9											
7.0-7.9											
8.0-8.9											
9.0-9.9											
10.0+											
TOTAL	34	20	0	0	0	9	0	0	0	0	39

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.1 MEAN TP(SEC)= 7.0 NO. OF CASES= 39.

HEIGHT (METRES)	STATION 49 47 14N 125.77W FOR ALL DIRECTIONS										TOTAL										
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																				
	4.4-6.0		6.1-8.0		8.1-9.5		9.6-10.5		10.6-11.7		11.8-13.3		13.4-15.3		15.4-18.1		18.2-22.2		22.3-LONGER		
0	42	33	29	34	37	41	43	36	36	36	36	36	36	36	36	36	36	36	36	36	
1	159	407	1007	271	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	
2	94	306	595	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	
3	.	159	333	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	
4	.	33	128	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	
5	.	1	56	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
TOTAL	295	1029	1839	1513	1881	2137	1157	112	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M)=	3.2	LARGEST HS(M)= 11.2		MEAN TP(SEC)= 10.6		TOTAL CASES= 58440.															

STATION 49
 47.14N, 125.77W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
 WIS STATION 49 (47.14N 125.77W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1957	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1958	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1959	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1960	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1961	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1962	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1963	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1964	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1965	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1966	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1967	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1968	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1969	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1970	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1971	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1972	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1973	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1974	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1975	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
MEAN	4.7	4.3	3.8	3.1	2.4	2.0	1.7	1.7	2.1	3.4	4.3	5.0	

LARGEST HS(METRES) BY MONTH AND YEAR
 WIS STATION 49 (47.14N 125.77W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1957	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1958	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1959	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1960	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1961	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1962	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1963	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1964	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1965	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1966	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1967	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1968	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1969	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1970	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1971	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1972	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1973	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1974	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1975	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

20 YR. STATISTICS FOR PACIFIC STATION 49 (47.14N 125.77W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS=
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

27
 1
 1
 1
 6912
 1206

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	1	.	.	.	.	0
0.1	1	.	.	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	9	0	0	0	0	1	0	0	0	0	7.

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.6 NO. OF CASES= 7.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	0
0.1	1	.	.	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 2.1 LARGEST HS(M)= 2.1 MEAN TP(SEC)= 5.2 NO. OF CASES= 1.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	0
0.1	1	.	.	.	.	.	.	.	.	.	0
0.2	1	.	.	.	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	1	0	0	0	0	0	1	0	0	0	2.

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 9.5 NO. OF CASES= 2.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0	0
0.1	1	.	.	.	.	.	.	.	.	.	0
0.2	0
0.3	0
0.4	0
0.5	0
0.6	0
0.7	0
0.8	0
0.9	0
1.0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.

MEAN HS(M) = 1.7 LARGEST HS(M)= 1.7 MEAN TP(SEC)= 4.7 NO. OF CASES= 1.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	0	0	0	0	0	1	0	0	0	5

MEAN HS(M) = 2.4 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 7.0 NO. OF CASES= 5.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	2	.	.	.	.	.	.	.	.	.	0
1.0-1.9	20	.	.	1	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	26	0	0	1	0	0	0	0	0	0	17

MEAN HS(M) = 2.2 LARGEST HS(M)= 3.0 MEAN TP(SEC)= 5.7 NO. OF CASES= 17.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	.	.	.	.	.	.	.	.	.	0
1.0-1.9	29	.	.	.	1	.	.	.	.	.	0
2.0-2.9	5	17	.	.	.	.	3	.	.	.	0
3.0-3.9	.	6	.	.	.	.	1	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	44	23	0	0	1	0	4	0	0	0	44

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 6.5 NO. OF CASES= 44.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	0
1.0-1.9	32	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	3	.	.	1	1	.	.	.	.	0
3.0-3.9	.	2	.	1	.	.	1	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	40	34	0	4	7	1	7	0	0	0	59

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.6 MEAN TP(SEC)= 7.4 NO. OF CASES= 59.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
TOTAL	32	104	68	62	51	17	3	0	0	0	209

MEAN HS(M) = 4.0 LARGEST HS(M)= 9.0 MEAN TP(SEC)= 8.7 NO. OF CASES= 209.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
TOTAL	45	326	429	388	739	599	132	16	0	0	1576

MEAN HS(M) = 4.7 LARGEST HS(M)= 10.4 MEAN TP(SEC)= 10.4 NO. OF CASES= 1576.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
TOTAL	97	628	1098	1150	1948	2147	957	38	0	0	4727

MEAN HS(M) = 4.3 LARGEST HS(M)= 9.9 MEAN TP(SEC)= 10.9 NO. OF CASES= 4727.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
TOTAL	173	745	2063	1648	2812	4043	3178	465	0	0	8857

MEAN HS(M) = 3.5 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 11.5 NO. OF CASES= 8857.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	181	302	520	59	11	8					1081
1.0-1.9	183	331	589	370	181	614					1328
2.0-2.9	75	201	968	270	423	349					1273
3.0-3.9		106	64	43	172	397					615
4.0-4.9		13	90	100	37	140					323
5.0-5.9			22	35	70	207					408
6.0-6.9				8	10	20					226
7.0-7.9											159
8.0-8.9											18
9.0-9.9											0
TOTAL	439	1453	7683	7057	8233	9716	6209	731	13	0	24287

MEAN HS(M) = 2.6 LARGEST HS(M)= 8.4 MEAN TP(SEC)= 11.1 NO. OF CASES= 24287.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	362	241	342	121	1	1					1067
1.0-1.9	1317	3237	5446	1904	1101	422					13528
2.0-2.9	588	1155	1779	2180	2366	1795					10371
3.0-3.9		362	186	231	127	122					3924
4.0-4.9		25	118	46	191	133					1424
5.0-5.9			15	25	15	11					387
6.0-6.9				5	13	11					23
7.0-7.9				1							10
8.0-8.9											5
9.0-9.9											0
TOTAL	2267	5020	7886	4513	4957	4313	1675	166	9	0	18018

MEAN HS(M) = 2.2 LARGEST HS(M)= 9.6 MEAN TP(SEC)= 9.6 NO. OF CASES= 18018.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	218	56	30	3	1	5					308
1.0-1.9	181	330	20	20	22	55					584
2.0-2.9	1	66	18	3	1	6					95
3.0-3.9		1	5	3		2					4
4.0-4.9			1								0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
TOTAL	403	453	74	29	24	16	9	0	0	0	597

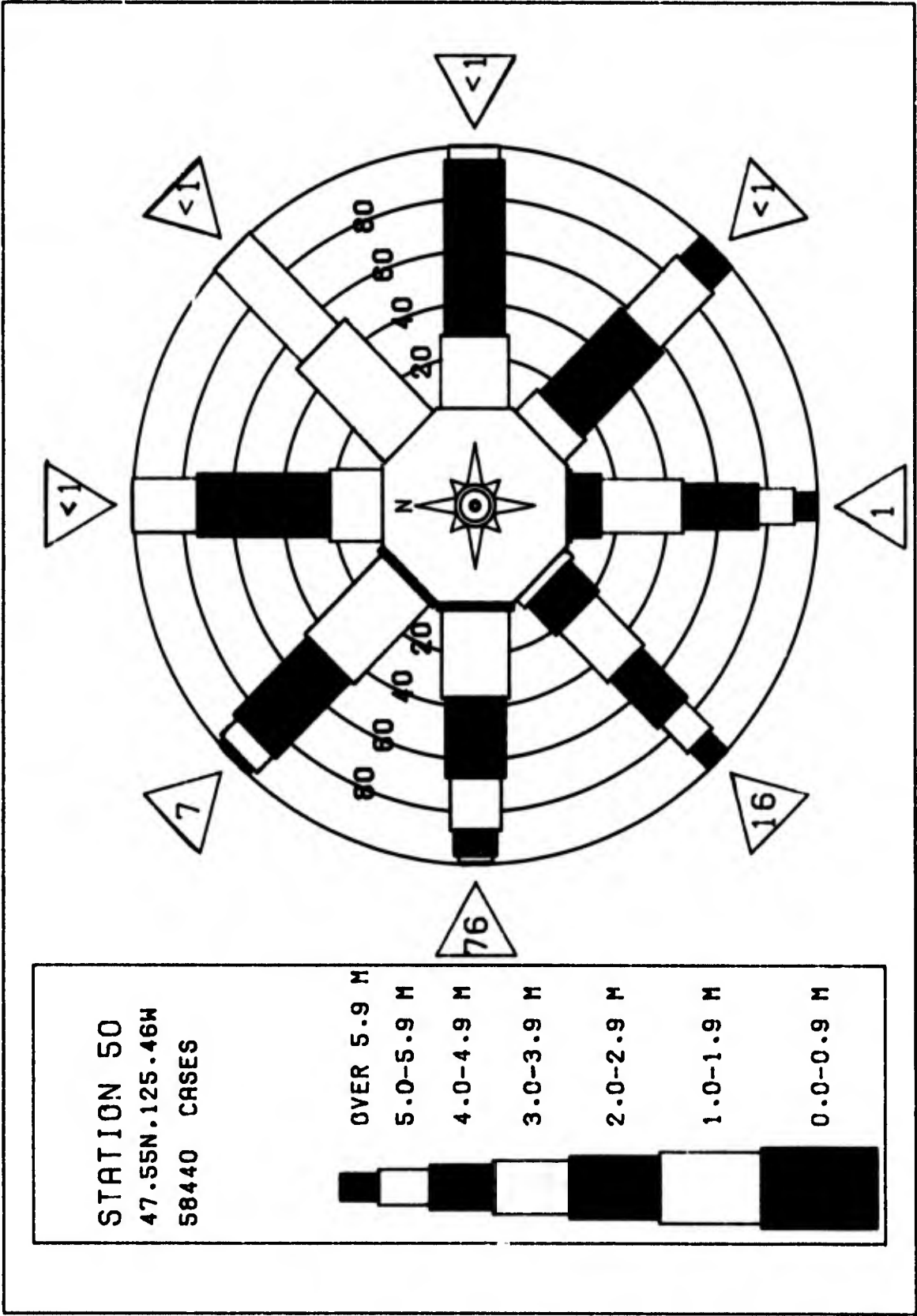
MEAN HS(M) = 2.2 LARGEST HS(M)= 5.6 MEAN TP(SEC)= 6.7 NO. OF CASES= 597.

STATION 50 47.55N 125.46W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	13					5					18
1.0-1.9	15	10			1	1					27
2.0-2.9	6	1									7
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
TOTAL	34	11	0	0	1	6	0	0	0	0	33

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 6.6 NO. OF CASES= 33.

HEIGHT(METRES)	STATION 50 47.55N 125.46W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD(SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	56	59	94	18	1	1	14	10	.	.	229
0.1	183	445	1235	588	304	107	164	17	.	.	285
0.2	118	227	370	509	781	742	417	17	1	.	206
0.3	5	125	113	160	480	400	385	46	.	.	122
0.4	.	23	22	31	184	127	157	39	.	.	144
0.5	.	1	2	5	29	260	41	14	.	.	154
0.6	.	.	.	1	1	5	16	4	.	.	148
0.7	.	.	.	.	.	.	3	.	.	.	14
0.8	.	.	.	.	.	.	.	.	.	.	8
0.9	.	.	.	.	.	.	.	.	.	.	0
1.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	362	880	1928	1484	1877	2085	1215	136	1	0	58440
MEAN HS(M)=	2.8	LARGEST HS(M)= 10.4		MEAN TP(SEC)= 10.6		TOTAL CASES=		58440.			



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 50 (47.55N 125.46W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	4.0	3.7	3.3	2.8	2.1	1.7	1.6	1.5	1.9	2.9	3.8	4.3	
1974													
1973													
1972													
1971													
1970													
1969													
1968													
1967													
1966													
1965													
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1909													
1908													
1907													
1906													
1905													
1904													
1903													
1902													
1901													
1900													

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 50 (47.55N 125.46W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1975	10.6	10.2	9.6	8.5	7.2	6.1	5.8	5.5	6.2	10.1	11.5	12.8	
1974													
1973													
1972													
1971													
1970													
1969													
1968													
1967													
1966													
1965													
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1907													
1906													
1905													
1904													
1903													
1902													
1901													
1900													

20 YR. STATISTICS FOR PACIFIC STATION 50 (47.55N 125.46W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 10.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.8
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270
 STANDARD DEVIATION OF HS(METRES)= 3.5
 STANDARD DEVIATION OF TP(SECONDS)= 2.2
 LARGEST HS(METRES)= 12.8
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 11.5
 AVE DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 270
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011600

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	1	1	.	.	.	3	.	.	.	.	7
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	5	9	0	0	0	3	0	0	0	0	12

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 7.4 NO. OF CASES= 12.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	.	3	.	.	.	.	.	.	.	.	3
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	0	3	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 3.5 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 7.0 NO. OF CASES= 2.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	1	1	.	.	.	.	.	.	.	.	2
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	1	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 5.9 NO. OF CASES= 2.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	1	1	.	.	.	.	.	.	.	.	2
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
TOTAL	1	1	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.9 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 6.2 NO. OF CASES= 2.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	10	10	0	0	0	0	0	0	0	0	10
TOTAL	10	10	0	0	0	0	0	0	0	0	10

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.0 NO. OF CASES= 12.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	10	11	1	0	0	0	1	0	0	0	26
TOTAL	10	28	1	0	0	0	1	0	0	0	26

MEAN HS(M) = 3.2 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 6.8 NO. OF CASES= 26.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	1	34	5	3	0	0	0	0	0	0	43
TOTAL	11	106	11	3	0	0	0	0	0	0	79

MEAN HS(M) = 3.4 LARGEST HS(M)= 5.2 MEAN TP(SEC)= 6.9 NO. OF CASES= 79.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	5	11	1	0	1	1	5	0	0	0	13
TOTAL	6	115	32	0	3	2	5	0	0	0	101

MEAN HS(M) = 3.9 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 7.7 NO. OF CASES= 101.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	290	155	268	11	1	1	280	23	.	.	725
1.0-1.9	432	155	277	11	1	1	249	23	.	.	1311
2.0-2.9	148	253	306	24	102	102	213	17	3	.	1511
3.0-3.9	.	341	306	24	102	102	213	17	3	.	1511
4.0-4.9	.	39	149	11	1	1	109	1	.	.	242
5.0-5.9	.	.	39	1	1	1	10	1	.	.	490
6.0-6.9	.	.	.	.	.	.	1	1	.	.	189
7.0-7.9	.	.	.	.	.	.	1	1	.	.	179
8.0-8.9	.	.	.	.	.	.	1	1	.	.	179
9.0-9.9	.	.	.	.	.	.	1	1	.	.	179
10.0+	.	.	.	.	.	.	1	1	.	.	179
TOTAL	870	3516	10363	8150	9370	9248	4654	444	3	0	27264.

MEAN HS(M) = 2.8 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 10.5 NO. OF CASES= 27264.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	94	85	39	35	462	143	5	44	.	.	253
1.0-1.9	1030	2250	2701	830	1242	872	198	44	.	.	7473
2.0-2.9	515	1558	1805	1285	627	581	316	133	.	.	7468
3.0-3.9	.	347	1274	313	189	453	110	13	.	.	2387
4.0-4.9	.	.	222	22	20	165	80	1	.	.	954
5.0-5.9	.	.	.	6	3	18	11	1	.	.	310
6.0-6.9	.	.	.	.	.	.	6	1	.	.	81
7.0-7.9	.	.	.	.	.	.	1	1	.	.	14
8.0-8.9	.	.	.	.	.	.	1	1	.	.	14
9.0-9.9	.	.	.	.	.	.	1	1	.	.	14
10.0+	.	.	.	.	.	.	1	1	.	.	14
TOTAL	1639	4281	4866	2534	2546	2232	788	90	0	0	11104.

MEAN HS(M) = 2.3 LARGEST HS(M)= 8.7 MEAN TP(SEC)= 9.2 NO. OF CASES= 11104.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	138	46	6	.	1	5	.	.	.	.	1
1.0-1.9	90	234	13	3	1	1	.	.	.	.	347
2.0-2.9	.	73	.	.	.	.	5	.	.	.	65
3.0-3.9	.	3	.	1	.	.	.	.	.	.	11
4.0-4.9	.	.	.	.	.	.	.	.	.	.	4
5.0-5.9	.	.	.	.	.	.	.	.	.	.	4
6.0-6.9	.	.	.	.	.	.	.	.	.	.	7
7.0-7.9	.	.	.	.	.	.	.	.	.	.	5
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	229	356	35	4	8	7	5	0	0	0	383.

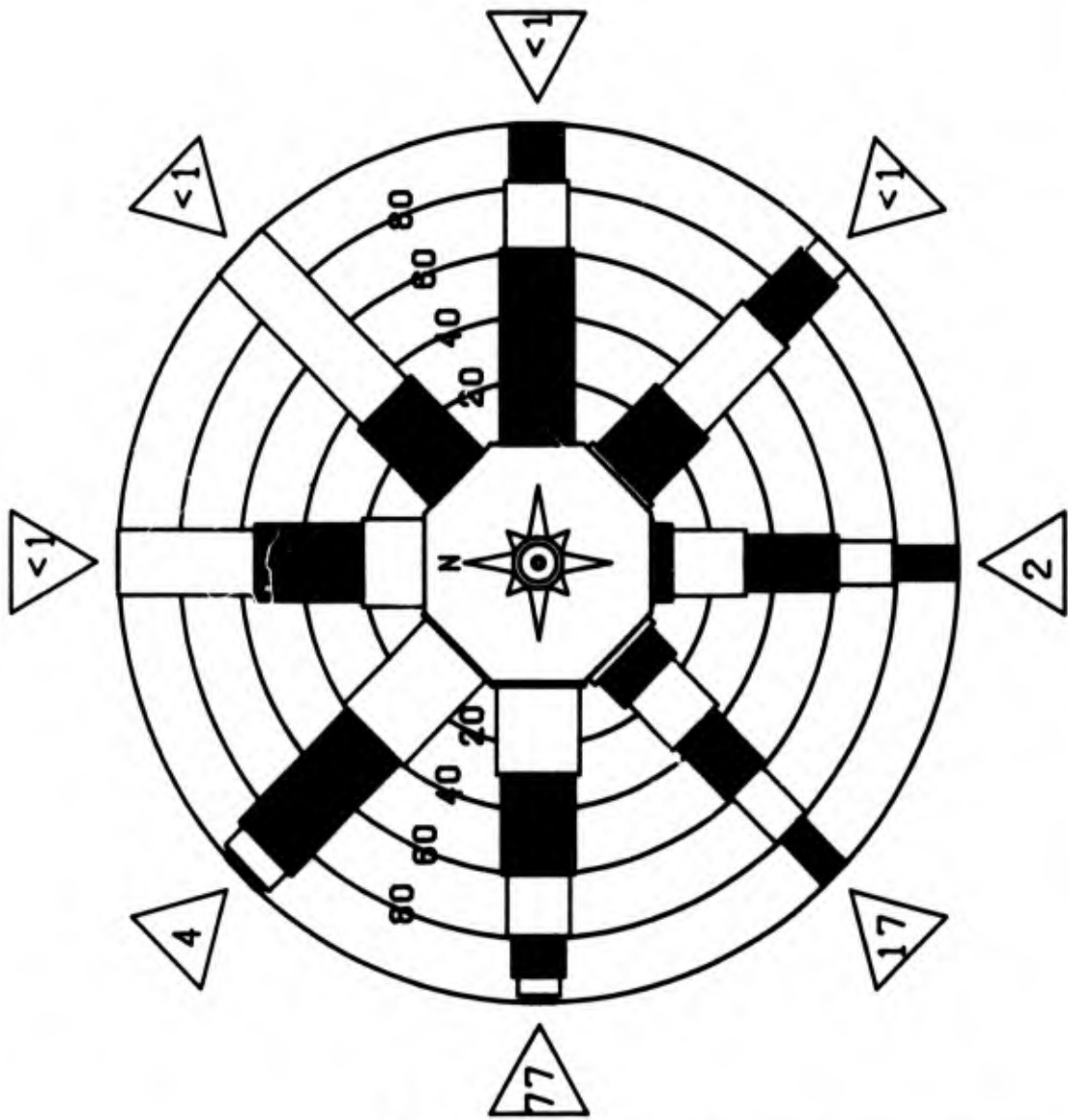
MEAN HS(M) = 2.3 LARGEST HS(M)= 5.7 MEAN TP(SEC)= 6.6 NO. OF CASES= 383.

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

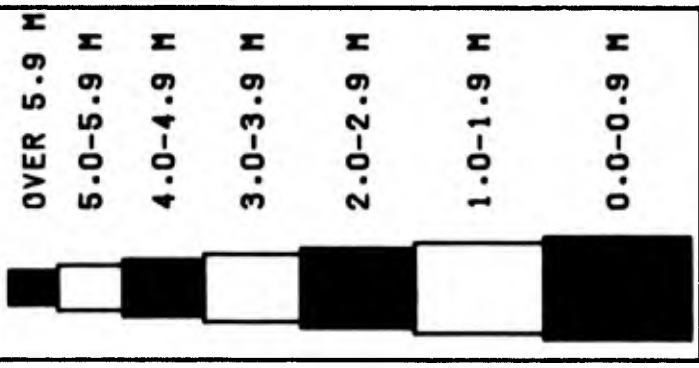
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	15	.	.	.	.	1	.	.	.	.	0
1.0-1.9	25	18	.	.	.	1	.	.	.	.	16
2.0-2.9	.	1	1	.	.	.	1	.	.	.	44
3.0-3.9	.	.	.	.	.	.	.	.	.	.	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	40	19	1	0	0	2	1	0	0	0	40.

MEAN HS(M) = 2.3 LARGEST HS(M)= 3.6 MEAN TP(SEC)= 6.5 NO. OF CASES= 40.

HEIGHT(METRES)	STATION 51 47.77N 126.12W FOR ALL DIRECTIONS										TOTAL									
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS																			
	4.4-6.0		6.1-8.0		8.1-9.5		9.6-10.5		10.6-11.7		11.8-13.3		13.4-15.3		15.4-18.1		18.2-22.2		22.3-LONGER	
0.0-0.9	38	30	33	4	158	43														
1.0-1.9	169	534	1030	364	630	368														
2.0-2.9	98	312	616	297	604	365														
3.0-3.9		172	318	206	303	251														
4.0-4.9		44	131	75	243	181														
5.0-5.9			65	26	124	94														
6.0-6.9			6		24	21														
7.0-7.9						4														
8.0-8.9																				
9.0-9.9																				
10.0-10.9																				
TOTAL	305	1092	1999	1494	1867	2052	1066	88	0	0										
MEAN HS(M)=	3.2	LARGEST HS(M)=		11.5	MEAN TP(SEC)=		10.4	TOTAL CASES=		58440.										



STATION 51
 47.77N.126.12W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 51 (47.77N 126.12W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
1996	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
1997	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
1998	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
1999	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2000	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2001	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2002	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2003	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2004	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2005	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2006	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2007	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2008	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2009	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2010	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2011	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2012	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2013	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2014	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2015	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2016	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2017	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2018	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2019	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	
2020	4.7	4.3	3.8	3.1	2.3	2.0	1.7	1.6	2.1	3.4	4.3	5.0	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 51 (47.77N 126.12W)

YEAR	MONTH												LARGEST HS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1995	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
1996	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
1997	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
1998	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
1999	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2000	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2001	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2002	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2003	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2004	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2005	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2006	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2007	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2008	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2009	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2010	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2011	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2012	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2013	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2014	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2015	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2016	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2017	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2018	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2019	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	
2020	6.0	5.5	5.0	4.5	3.5	3.0	2.5	2.5	3.0	4.5	5.5	6.5	

20 YR. STATISTICS FOR PACIFIC STATION 51 (47.77N 126.12W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	3.8
MEAN PEAK WAVE PERIOD (SECONDS)=	10.5
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	270
STANDARD DEVIATION OF HS(METRES)=	1.5
STANDARD DEVIATION OF TP(SECONDS)=	1.5
LARGEST HS(METRES)=	6.5
TP (SECONDS) ASSOC. WITH THE LARGEST HS=	14.5
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	213
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	63123106

STATION 52 48 19N 125 81W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0 0 0 0 0 0 0 0 0 0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	
2.0-2.9	0	0	0	0	0	0	0	0	0	0	
3.0-3.9	0	0	0	0	0	0	0	0	0	0	
4.0-4.9	0	0	0	0	0	0	0	0	0	0	
5.0-5.9	0	0	0	0	0	0	0	0	0	0	
6.0-6.9	0	0	0	0	0	0	0	0	0	0	
7.0-7.9	0	0	0	0	0	0	0	0	0	0	
8.0-8.9	0	0	0	0	0	0	0	0	0	0	
9.0-9.9	0	0	0	0	0	0	0	0	0	0	
TOTAL	11	0	0	0	0	1	0	0	0	0	

MEAN HS(M) = 2.3 LARGEST HS(M)= 2.9 MEAN TP(SEC)= 6.3 NO. OF CASES= 8.

STATION 52 48 19N 125 81W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0 0 0 0 0 0 0 0 0 0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	
2.0-2.9	0	0	0	0	0	0	0	0	0	0	
3.0-3.9	0	0	0	0	0	0	0	0	0	0	
4.0-4.9	0	0	0	0	0	0	0	0	0	0	
5.0-5.9	0	0	0	0	0	0	0	0	0	0	
6.0-6.9	0	0	0	0	0	0	0	0	0	0	
7.0-7.9	0	0	0	0	0	0	0	0	0	0	
8.0-8.9	0	0	0	0	0	0	0	0	0	0	
9.0-9.9	0	0	0	0	0	0	0	0	0	0	
TOTAL	6	9	0	0	0	0	1	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 6.8 NO. OF CASES= 11.

STATION 52 48 19N 125 81W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0 0 0 0 0 0 0 0 0 0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	
2.0-2.9	0	0	0	0	0	0	0	0	0	0	
3.0-3.9	0	0	0	0	0	0	0	0	0	0	
4.0-4.9	0	0	0	0	0	0	0	0	0	0	
5.0-5.9	0	0	0	0	0	0	0	0	0	0	
6.0-6.9	0	0	0	0	0	0	0	0	0	0	
7.0-7.9	0	0	0	0	0	0	0	0	0	0	
8.0-8.9	0	0	0	0	0	0	0	0	0	0	
9.0-9.9	0	0	0	0	0	0	0	0	0	0	
TOTAL	9	6	0	0	0	0	2	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 7.2 NO. OF CASES= 12.

STATION 52 48 19N 125 81W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0 0 0 0 0 0 0 0 0 0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	
2.0-2.9	0	0	0	0	0	0	0	0	0	0	
3.0-3.9	0	0	0	0	0	0	0	0	0	0	
4.0-4.9	0	0	0	0	0	0	0	0	0	0	
5.0-5.9	0	0	0	0	0	0	0	0	0	0	
6.0-6.9	0	0	0	0	0	0	0	0	0	0	
7.0-7.9	0	0	0	0	0	0	0	0	0	0	
8.0-8.9	0	0	0	0	0	0	0	0	0	0	
9.0-9.9	0	0	0	0	0	0	0	0	0	0	
TOTAL	10	0	0	0	0	0	1	0	0	0	

MEAN HS(M) = 2.7 LARGEST HS(M)= 3.4 MEAN TP(SEC)= 6.6 NO. OF CASES= 8.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 99.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	0
5.0-5.9	0
6.0-6.9	0
7.0-7.9	0
8.0-8.9	0
9.0-9.9	0
10.0+	0
TOTAL	9	0	0	0	0	0	1	0	0	0	7

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 6.8 NO. OF CASES= 7.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	13	.	.	.	.	.	.	.	.	.	13
1.0-1.9	20	11	.	.	.	.	.	.	.	.	31
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	33	11	0	0	0	0	0	0	0	0	27

MEAN HS(M) = 2.5 LARGEST HS(M)= 3.9 MEAN TP(SEC)= 5.6 NO. OF CASES= 27.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	10	.	.	1	.	.	.	.	.	.	11
1.0-1.9	44	1	.	.	.	.	.	.	.	.	46
2.0-2.9	6	35	.	.	.	.	.	.	.	.	41
3.0-3.9	.	13	.	.	.	.	.	.	.	.	13
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	60	49	0	1	0	0	0	0	0	0	67

MEAN HS(M) = 2.9 LARGEST HS(M)= 4.5 MEAN TP(SEC)= 6.0 NO. OF CASES= 67.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	35	.	.	1	1	.	.	.	.	.	38
1.0-1.9	13	6	1	5	3	.	.	.	.	.	24
2.0-2.9	.	11	.	.	1	.	.	.	.	.	13
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	50	49	1	7	4	1	0	0	0	0	70

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.3 MEAN TP(SEC)= 6.6 NO. OF CASES= 70.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	70	154	139	99	91	35	3	0	0	0	356

MEAN HS(M) = 4.0 LARGEST HS(M) = 9.9 MEAN TP(SEC) = 8.7 NO. OF CASES = 356.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	89	460	643	501	900	648	157	23	0	0	2013

MEAN HS(M) = 4.6 LARGEST HS(M) = 10.5 MEAN TP(SEC) = 10.2 NO. OF CASES = 2013.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	153	860	1535	1411	2094	2305	1038	55	0	0	5537

MEAN HS(M) = 4.2 LARGEST HS(M) = 10.1 MEAN TP(SEC) = 10.7 NO. OF CASES = 5537.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0.0-0.9	0	0	0	0	0	0	0	0	0	0	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0
2.0-2.9	0	0	0	0	0	0	0	0	0	0	0
3.0-3.9	0	0	0	0	0	0	0	0	0	0	0
4.0-4.9	0	0	0	0	0	0	0	0	0	0	0
5.0-5.9	0	0	0	0	0	0	0	0	0	0	0
6.0-6.9	0	0	0	0	0	0	0	0	0	0	0
7.0-7.9	0	0	0	0	0	0	0	0	0	0	0
8.0-8.9	0	0	0	0	0	0	0	0	0	0	0
9.0-9.9	0	0	0	0	0	0	0	0	0	0	0
10.0+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	202	948	2867	2013	3345	4373	3156	511	0	0	10193

MEAN HS(M) = 3.3 LARGEST HS(M) = 8.9 MEAN TP(SEC) = 11.3 NO. OF CASES = 10193.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	258	395	763	116	13	6					1551
1.0-1.9	325	1433	7010	4212	2150	770	100	49			15049
2.0-2.9	82	231	1226	2809	4437	3555	1004	46	15		13405
3.0-3.9	1	142	123	477	1745	3420	2322	99			8329
4.0-4.9		8	92	94	364	1168	1339	181			3246
5.0-5.9			17	35	51	179	381	145			808
6.0-6.9				3	6	17	46	23			97
7.0-7.9						1		11			14
8.0-8.9							8				8
9.0-9.9											0
10.0+											0
TOTAL	666	2209	9231	7751	8766	9116	5200	554	15	0	

MEAN HS(M) = 2.4 LARGEST HS(M) = 8.6 MEAN TP(SEC) = 10.8 NO. OF CASES = 25441.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	385	217	215	128	6	5					956
1.0-1.9	1572	3374	4274	1096	718	498	35	34			11511
2.0-2.9	566	1170	1801	1909	1175	677	284	15			7597
3.0-3.9	1	366	210	316	1019	651	104	1			2668
4.0-4.9		18	116	30	183	557	97				1001
5.0-5.9			8	15	6	107	155				291
6.0-6.9				5	10	17	29	1			62
7.0-7.9						1	6				7
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	2524	5145	6624	3499	3118	2422	716	51	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M) = 8.2 MEAN TP(SEC) = 9.0 NO. OF CASES = 14099.

STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	243	27	15	1	5	1					292
1.0-1.9	205	287	20	8	5	5	1				531
2.0-2.9		3	3								6
3.0-3.9			3								3
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	457	349	54	9	10	14	1	0	0	0	

MEAN HS(M) = 2.2 LARGEST HS(M) = 5.0 MEAN TP(SEC) = 6.3 NO. OF CASES = 528.

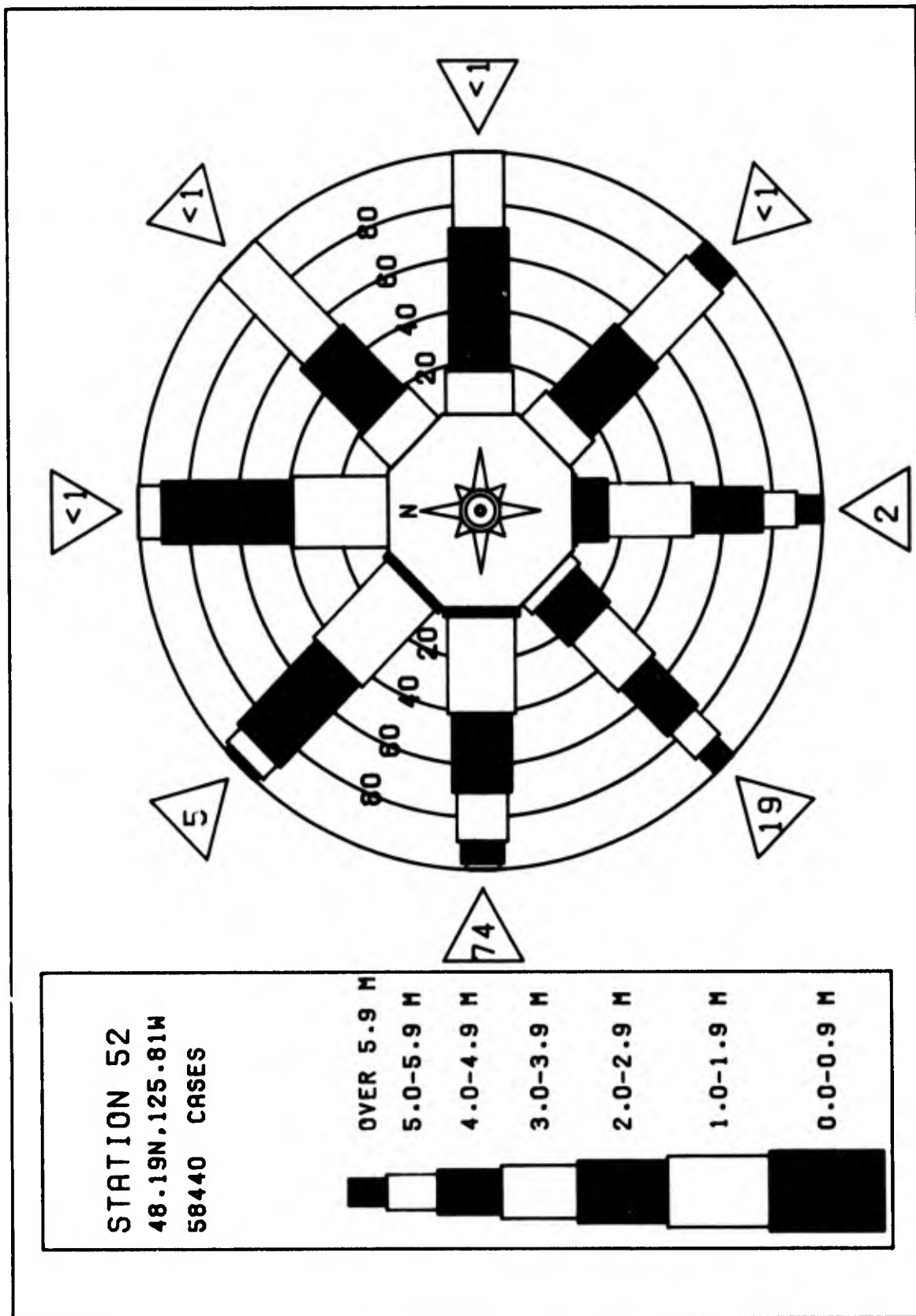
STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	44		1			1					46
1.0-1.9	30	23	1			1					53
2.0-2.9											0
3.0-3.9											0
4.0-4.9											0
5.0-5.9											0
6.0-6.9											0
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											0
TOTAL	74	25	2	0	0	2	0	0	0	0	

MEAN HS(M) = 2.1 LARGEST HS(M) = 3.7 MEAN TP(SEC) = 5.9 NO. OF CASES = 63.

HEIGHT (METRES)	STATION 52 48.19N 125.81W FOR ALL DIRECTIONS									TOTAL	
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	65	67	107	24	2	1					266
1.0-1.9	13	13	120	57	7	12					205
2.0-2.9	8	10	44	59	21	32					197
3.0-3.9	8	10	44	59	21	32					197
4.0-4.9	8	10	44	59	21	32					197
5.0-5.9	8	10	44	59	21	32					197
6.0-6.9	8	10	44	59	21	32					197
7.0-7.9	8	10	44	59	21	32					197
8.0-8.9	8	10	44	59	21	32					197
9.0-9.9	8	10	44	59	21	32					197
10.0+	8	10	44	59	21	32					197
TOTAL	444	1026	2108	1527	1830	1890	1025	116	1	0	58440

MEAN HS(M)= 2.8 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 10.3 TOTAL CASES= 58440.



MEAN HS(METRES) BY MONTH AND YEAR
 HIS STATION 52 (48.19N 125.81W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	4.0	3.7	3.3	2.7	2.0	1.7	1.5	1.5	1.9	2.9	3.7	4.3

MEAN

LARGEST HS(METRES) BY MONTH AND YEAR
 HIS STATION 52 (48.19N 125.81W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1975	4.0	3.7	3.3	2.7	2.0	1.7	1.5	1.5	1.9	2.9	3.7	4.3

20 YR. STATISTICS FOR PACIFIC STATION 52 (48.19N 125.81W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=
 MEAN PEAK WAVE PERIOD (SECONDS)=
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS)ASSOC. WITH THE LARGEST HS=
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

2700.0
 1100.0
 200.0
 74011600

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	3	.	.	1	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	3	0	0	1	0	0	0	0	0	0	3

MEAN HS(M) = 2.5 LARGEST HS(M)= 2.8 MEAN TP(SEC)= 7.0 NO. OF CASES= 3.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	3	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	11	0	0	0	0	0	0	0	0	0	7

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.3 MEAN TP(SEC)= 5.6 NO. OF CASES= 7.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	1	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	2	0	0	0	0	0	0	0	0	0	2

MEAN HS(M) = 2.0 LARGEST HS(M)= 2.4 MEAN TP(SEC)= 5.1 NO. OF CASES= 2.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0	0
1	1	.	.	.	.	.	.	.	.	.	0
2	0
3	0
4	0
5	0
6	0
7	0
8	0
9	0
10	0
11	0
12	0
13	0
14	0
15	0
16	0
17	0
18	0
19	0
20	0
21	0
22	0
23	0
24	0
25	0
26	0
27	0
28	0
29	0
30	0
TOTAL	7	0	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 1.6 LARGEST HS(M)= 2.0 MEAN TP(SEC)= 5.0 NO. OF CASES= 5.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	3	3	.	.	.	.	.	.	.	.	6
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	4	3	0	0	0	0	0	0	0	0	5

MEAN HS(M) = 2.6 LARGEST HS(M)= 3.5 MEAN TP(SEC)= 5.7 NO. OF CASES= 5.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	5	.	.	.	.	.	.	.	.	.	5
1.0-1.9	23	1	.	.	.	.	.	.	.	.	24
2.0-2.9	1	17	.	.	.	.	.	.	.	.	18
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	29	18	0	0	0	0	0	0	0	0	29

MEAN HS(M) = 2.8 LARGEST HS(M)= 3.8 MEAN TP(SEC)= 5.7 NO. OF CASES= 29.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	8	.	.	.	.	.	.	.	.	.	8
1.0-1.9	30	.	.	.	.	.	.	.	.	.	30
2.0-2.9	6	51	.	.	.	.	.	.	.	.	57
3.0-3.9	.	8	.	.	.	.	.	.	.	.	8
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	44	59	0	0	0	0	0	0	0	0	62

MEAN HS(M) = 3.1 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 5.9 NO. OF CASES= 62.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	10	.	.	.	.	.	.	.	.	.	10
2.0-2.9	13	4	1	6	.	1	.	.	.	.	25
3.0-3.9	.	10	.	.	.	.	.	.	.	.	10
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	24	14	1	6	0	1	0	0	0	0	91

MEAN HS(M) = 3.0 LARGEST HS(M)= 4.4 MEAN TP(SEC)= 6.2 NO. OF CASES= 91.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 180.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	13	.	.	1	.	.	.	.	.	.	0
0.1	200	.	.	1	.	.	.	.	.	.	1
0.2	27	30	27	22	17	10	1	.	.	.	133
0.3	.	5	1	.	13	.	.	.	.	.	42
0.4	.	.	.	.	5	.	.	.	.	.	5
0.5	.	.	.	.	.	1	.	.	.	.	1
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	120	38	51	68	35	16	1	0	0	0	198.

MEAN HS(M) = 3.2 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.0 NO. OF CASES= 198.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 202.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	22	16	11	.	.	.	.	.	.	.	0
0.1	20	10	13	.	.	.	.	.	.	.	1
0.2	13	17	22	20	25	15	1	.	.	.	105
0.3	.	.	5	17	13	11	1	.	.	.	70
0.4	.	.	.	1	1	1	1	.	.	.	6
0.5	.	.	.	.	.	2	1	.	.	.	4
0.6	.	.	.	.	.	3	1	.	.	.	4
0.7	.	.	.	.	.	3	1	.	.	.	4
0.8	.	.	.	.	.	1	1	.	.	.	2
0.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	91	187	419	428	487	320	83	14	0	0	1196.

MEAN HS(M) = 4.0 LARGEST HS(M)= 10.2 MEAN TP(SEC)= 10.1 NO. OF CASES= 1196.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 225.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	59	184	82	3	11	1	.	.	.	.	0
0.1	107	200	100	33	12	7	.	.	.	.	340
0.2	15	200	200	27	17	20	1	.	.	.	432
0.3	.	200	200	200	200	200	1	.	.	.	275
0.4	.	200	200	200	200	200	1	.	.	.	275
0.5	.	200	200	200	200	200	1	.	.	.	275
0.6	.	200	200	200	200	200	1	.	.	.	275
0.7	.	200	200	200	200	200	1	.	.	.	275
0.8	.	200	200	200	200	200	1	.	.	.	275
0.9	.	200	200	200	200	200	1	.	.	.	275
1.0	.	200	200	200	200	200	1	.	.	.	275
TOTAL	181	707	1288	1227	2076	2054	887	41	0	0	4961.

MEAN HS(M) = 4.3 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 10.8 NO. OF CASES= 4961.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) = 247.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	3	83	39	1	.	.	.	.	.	.	0
0.1	100	1120	1804	698	179	63	1	.	.	.	4864
0.2	145	2412	4002	1851	1522	441	1	.	.	.	6439
0.3	1	2412	4002	1851	1522	441	1	.	.	.	6439
0.4	.	2412	4002	1851	1522	441	1	.	.	.	6439
0.5	.	2412	4002	1851	1522	441	1	.	.	.	6439
0.6	.	2412	4002	1851	1522	441	1	.	.	.	6439
0.7	.	2412	4002	1851	1522	441	1	.	.	.	6439
0.8	.	2412	4002	1851	1522	441	1	.	.	.	6439
0.9	.	2412	4002	1851	1522	441	1	.	.	.	6439
1.0	.	2412	4002	1851	1522	441	1	.	.	.	6439
TOTAL	249	1920	4744	4311	6319	7107	4380	307	0	0	17164.

MEAN HS(M) = 3.7 LARGEST HS(M)= 10.7 MEAN TP(SEC)= 11.0 NO. OF CASES= 17164.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) =270.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	463	533	426	82	10	3	26	7	.	.	1517
0.1	1013	483	705	282	114	176	373	107	.	.	1509
0.2	284	208	410	440	232	221	113	27	.	.	1558
0.3	.	32	106	131	285	110	57	10	.	.	93
0.4	.	.	29	114	111	51	21	4	.	.	116
0.5	.	.	5	85	27	7	11	8	.	.	116
0.6	.	.	.	.	3	5	8	7	.	.	13
0.7	.	.	.	.	.	.	.	.	.	.	90
0.8	.	.	.	.	.	.	.	.	.	.	38
0.9	.	.	.	.	.	.	.	.	.	.	25
1.0	.	.	.	.	.	.	.	.	.	.	3
TOTAL	1760	6520	13039	8834	8480	7205	3445	260	0	0	28967.

MEAN HS(M) = 2.5 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 9.9 NO. OF CASES= 28967.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) =292.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	177	145	10	10	1	.	.	.	.	.	342
0.1	1136	1780	1113	82	8	1	.	.	.	.	3134
0.2	523	995	1071	580	20	7	.	.	.	.	3472
0.3	.	197	162	18	32	14	20	5	.	.	93
0.4	.	15	80	18	8	25	17	17	.	.	48
0.5	.	3	3	1	3	13	47	22	.	.	127
0.6	.	.	.	.	.	.	6	.	.	.	40
0.7	.	.	.	.	.	.	.	.	.	.	6
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1836	3138	2440	846	622	543	117	10	0	0	5594.

MEAN HS(M) = 2.2 LARGEST HS(M)= 7.7 MEAN TP(SEC)= 8.0 NO. OF CASES= 5594.

STATION 53 48.60N 125.50W AZIMUTH(DEGREES) =315.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	121	2	1	.	.	.	.	.	.	.	126
0.1	71	27	1	1	.	.	.	.	.	.	99
0.2	.	.	.	.	.	.	.	.	.	.	5
0.3	.	.	.	.	.	.	.	.	.	.	0
0.4	.	.	.	.	.	.	.	.	.	.	0
0.5	.	.	.	.	.	.	.	.	.	.	0
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	193	36	2	1	0	0	0	0	0	0	139.

MEAN HS(M) = 2.0 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 5.5 NO. OF CASES= 139.

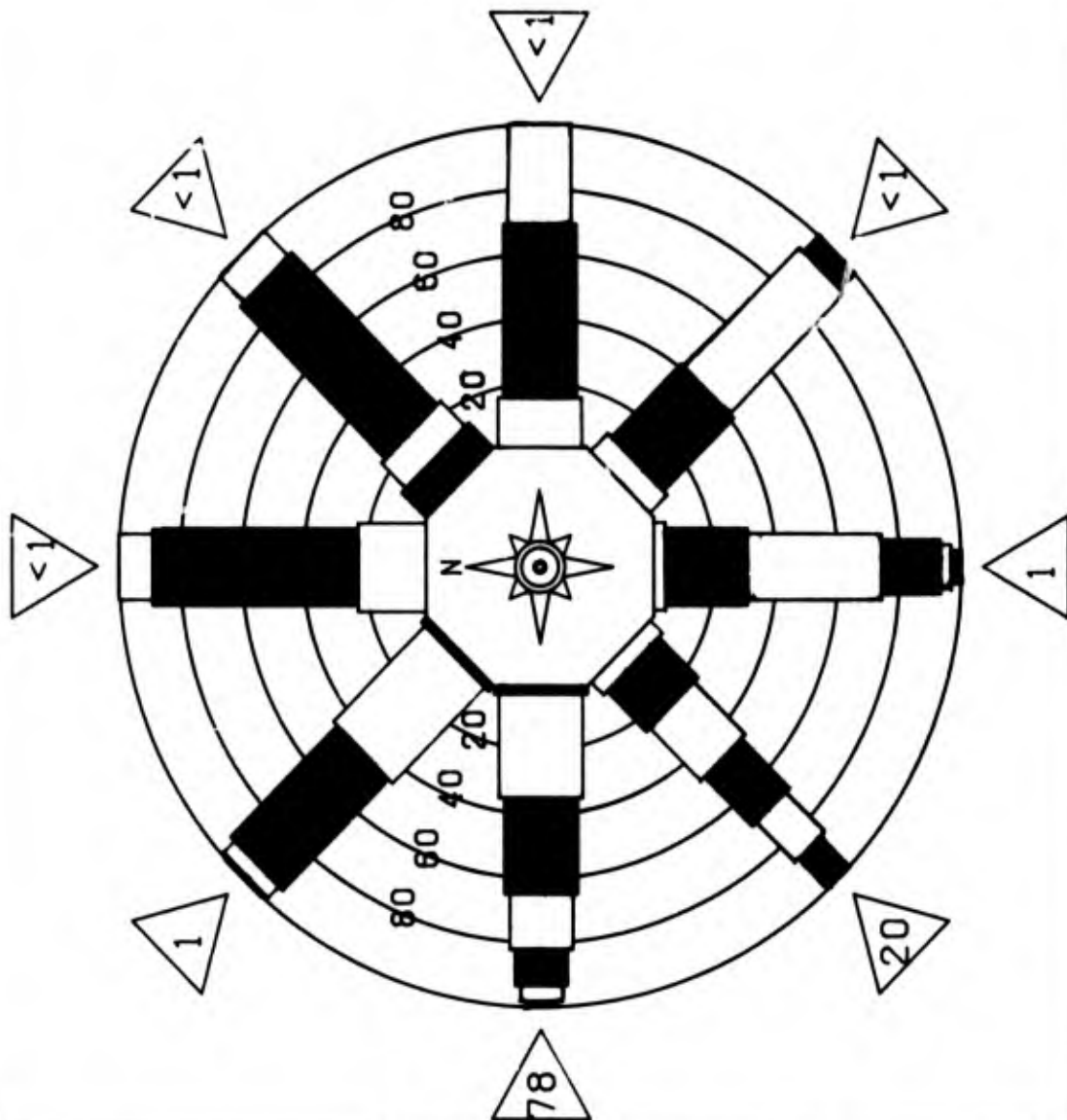
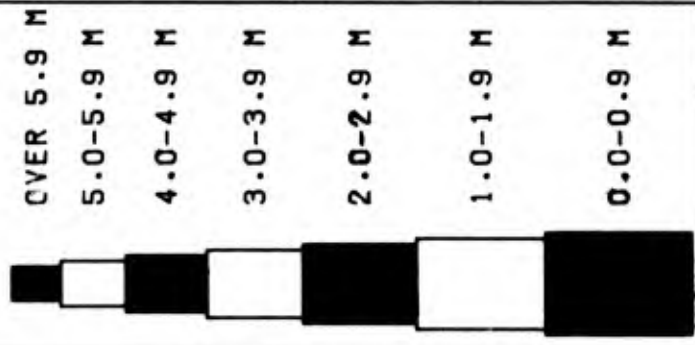
STATION 53 48.60N 125.50W AZIMUTH(DEGREES) =337.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	
0	18	.	.	.	.	.	.	.	.	.	18
0.1	8	.	.	.	.	1	.	.	.	.	9
0.2	.	.	.	.	.	.	.	.	.	.	0
0.3	.	.	.	.	.	.	.	.	.	.	0
0.4	.	.	.	.	.	.	.	.	.	.	0
0.5	.	.	.	.	.	.	.	.	.	.	0
0.6	.	.	.	.	.	.	.	.	.	.	0
0.7	.	.	.	.	.	.	.	.	.	.	0
0.8	.	.	.	.	.	.	.	.	.	.	0
0.9	.	.	.	.	.	.	.	.	.	.	0
1.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	26	0	0	0	0	1	0	0	0	0	17.

MEAN HS(M) = 1.9 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.6 NO. OF CASES= 17.

HEIGHT (METRES)	STATION 53 48.60N 125.50W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										
	PEAK PERIOD (SECONDS)										
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	64	76	47	9	1	3	4	..	..	197
1.0-1.9	252	794	1105	361	134	35	49	..	..	2697
2.0-2.9	141	267	785	726	546	260	333	..	..	1977
3.0-3.9	8	115	161	335	652	437	141	..	..	1852
4.0-4.9	..	15	81	97	319	579	231	..	..	1393
5.0-5.9	..	1	15	36	115	289	264	..	..	738
6.0-6.9	..	..	3	7	26	88	139	17	..	280
7.0-7.9	..	..	..	..	5	26	40	10	..	81
8.0-8.9	..	..	..	..	1	7	14	2	..	28
9.0-9.9	..	..	..	..	..	1	2	1	..	6
10.0+	..	..	..	..	..	..	2	..	..	3
TOTAL	465	1268	2197	1571	1799	1722	889	60	0	0	
MEAN HS(M)=	3.0	LARGEST HS(M)=	10.7	MEAN TP(SEC)=	10.1	TOTAL CASES=	58440.				

STATION 53
 48.60N.125.50W
 58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 53 (48.60N 125.50W)

YEAR	MONTH												MEAN	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1956														
1957														
1958														
1959														
1960														
1961														
1962														
1963														
1964														
1965														
1966														
1967														
1968														
1969														
1970														
1971														
1972														
1973														
1974														
1975														
MEAN	4.4	4.1	3.6	2.8	2.1	1.9	1.6	1.5	2.0	3.2	3.9	4.6		

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 53 (48.60N 125.50W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956												
1957												
1958												
1959												
1960												
1961												
1962												
1963												
1964												
1965												
1966												
1967												
1968												
1969												
1970												
1971												
1972												
1973												
1974												
1975												

20 YR. STATISTICS FOR PACIFIC STATION 53 (48.60N 125.50W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.0
 MEAN PEAK WAVE PERIOD (SECONDS)= 12.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 1.0
 LARGEST HS(METRES)= 12.0
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 12.0
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 330
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 63123106

APPENDIX H: RETURN PERIOD TABLES

PACIFIC PHASE 2 STATION 1 (32.36N, 117.89W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.2	8.7	7.9
20	7.6	8.2	7.4
10	7.3	7.8	7.1
5	6.9	7.5	6.8

PACIFIC PHASE 2 STATION 2 (32.58N, 118.43W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.2	8.7	7.9
20	7.6	8.2	7.4
10	7.2	7.8	7.1
5	6.9	7.5	6.8

PACIFIC PHASE 2 STATION 3 (32.79N, 118.96W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	7.9	8.3	7.6
20	7.3	7.7	7.0
10	7.1	7.5	6.7
5	6.8	7.3	6.7

PACIFIC PHASE 2 STATION 4 (33.00N, 119.50W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	7.9	8.4	7.6
20	7.3	7.9	7.0
10	7.0	7.6	6.9
5	6.7	7.3	6.6

PACIFIC PHASE 2 STATION 5 (33.21N, 120.04W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.1	8.5	7.7
20	7.5	8.0	7.3
10	7.1	7.7	7.0
5	6.8	7.4	6.7

PACIFIC PHASE 2 STATION 6 (33.59N, 119.83W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.5	9.1	8.1
20	7.7	8.5	7.5
10	7.3	8.0	7.1
5	6.9	7.6	6.7

PACIFIC PHASE 2 STATION 7 (33.81N, 120.38W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	8.6	9.2	8.2
20	7.8	8.6	7.7
10	7.5	8.2	7.3
5	7.1	7.8	7.0

PACIFIC PHASE 2 STATION 8 (34.01N, 120.92W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	9.0	9.7	8.5
20	8.1	9.0	7.8
10	7.8	8.5	7.4
5	7.2	8.0	7.0

PACIFIC PHASE 2 STATION 9 (34.22N, 121.48W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	9.3	10.1	8.7
20	8.3	9.4	8.0
10	7.8	8.7	7.5
5	7.3	8.2	7.1

PACIFIC PHASE 2 STATION 10 (34.61N, 121.26W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	9.4	10.3	8.8
20	8.4	9.4	8.1
10	7.8	8.8	7.5
5	7.3	8.2	7.1

PACIFIC PHASE 2 STATION 11 (34.82N, 121.82W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	10.1	11.1	9.4
20	8.8	10.0	8.2
10	8.2	9.3	7.7
5	7.6	8.6	7.3

PACIFIC PHASE 2 STATION 12 (35.21N, 121.60W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	10.5	11.6	9.7
20	9.0	10.4	8.7
10	8.3	9.6	8.1
5	7.7	8.9	7.4

PACIFIC PHASE 2 STATION 13 (35.41N, 122.16W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	10.6	11.7	9.8
20	9.3	10.6	8.9
10	8.6	9.8	8.2
5	7.9	9.1	7.6

PACIFIC PHASE 2 STATION 14 (35.81N, 121.94W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.0	12.3	10.1
20	9.5	10.9	9.0
10	8.7	10.0	8.2
5	7.9	9.2	7.6

PACIFIC PHASE 2 STATION 15 (36.02N, 122.50W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	10.4	11.3	9.7
20	9.2	10.4	8.9
10	8.6	9.7	8.3
5	8.0	9.1	7.8

PACIFIC PHASE 2 STATION 16 (36.22N, 123.06W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	10.2	11.1	9.6
20	9.2	10.2	8.9
10	8.6	9.6	8.3
5	8.1	9.0	7.8

PACIFIC PHASE 2 STATION 17 (36.62N, 122.84W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.0	12.1	10.2
20	9.7	11.0	9.3
10	9.0	10.2	8.6
5	8.3	9.5	8.0

PACIFIC PHASE 2 STATION 18 (36.82N, 123.41W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.1	12.2	10.3
20	9.8	11.1	9.4
10	9.1	10.3	8.7
5	8.4	9.6	8.1

PACIFIC PHASE 2 STATION 19 (37.22N, 123.18W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.4	12.4	10.6
20	10.0	11.2	9.8
10	9.3	10.5	8.9
5	8.6	9.8	8.3

PACIFIC PHASE 2 STATION 20 (37.62N, 122.95W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	10.8	11.7	10.1
20	9.5	10.7	9.2
10	8.8	10.0	8.6
5	8.2	9.4	8.0

PACIFIC PHASE 2 STATION 21 (37.83N, 123.53W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.5	12.5	10.7
20	10.2	11.4	9.6
10	9.5	10.7	9.1
5	8.8	10.0	8.5

PACIFIC PHASE 2 STATION 22 (38.04N, 124.11W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.6	12.8	10.8
20	10.2	11.6	9.8
10	9.4	10.8	9.1
5	8.7	10.0	8.5

PACIFIC PHASE 2 STATION 23 (38.44N, 123.88W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.4	12.4	10.7
20	10.7	11.7	9.8
10	9.7	10.7	9.2
5	8.8	10.0	8.6

PACIFIC PHASE 2 STATION 24 (38.65N, 124.46W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.3	13.6	11.4
20	10.6	12.2	10.2
10	9.8	11.3	9.4
5	9.0	10.4	8.7

PACIFIC PHASE 2 STATION 25 (38.85N, 125.05W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.1	13.2	11.4
20	10.8	12.4	10.5
10	10.1	11.7	9.8
5	9.4	10.6	9.2

PACIFIC PHASE 2 STATION 26 (39.26N, 124.81W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.9	12.8	11.2
20	10.6	11.8	10.3
10	10.0	11.1	9.7
5	9.3	10.5	9.1

PACIFIC PHASE 2 STATION 27 (39.67N, 124.57W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.8	14.1	11.8
20	11.1	12.7	10.6
10	10.2	11.7	9.8
5	9.4	10.8	9.0

PACIFIC PHASE 2 STATION 28 (39.87N, 125.17W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.8	12.7	11.1
20	10.8	11.8	10.3
10	10.0	11.1	9.7
5	9.4	10.5	9.2

PACIFIC PHASE 2 STATION 36 (42.55N, 125.74W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.3	15.5	13.3
100	12.6	14.3	12.2
10	11.7	13.3	11.4
5	10.9	12.4	10.7

PACIFIC PHASE 2 STATION 37 (42.96N, 125.48W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.3	15.6	13.4
100	12.6	14.3	12.2
10	11.7	13.3	11.4
5	10.9	12.4	10.6

PACIFIC PHASE 2 STATION 38 (43.37N, 125.21W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.4	14.5	12.6
100	11.6	13.2	11.6
10	10.7	12.2	10.9
5	10.5	11.8	10.2

PACIFIC PHASE 2 STATION 39 (43.78N, 124.94W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.0	14.0	12.2
100	11.6	13.0	11.3
10	10.9	12.2	10.6
5	10.2	11.5	10.0

PACIFIC PHASE 2 STATION 40 (44.19N, 124.66W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.1	15.6	13.0
100	12.1	14.0	11.7
10	11.3	12.9	10.8
5	10.3	12.0	10.0

PACIFIC PHASE 2 STATION 41 (44.41N, 125.29W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.7	12.6	11.0
100	10.5	11.6	10.2
10	9.9	11.0	9.6
5	9.1	10.4	9.1

PACIFIC PHASE 2 STATION 42 (44.82N, 125.01W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.0	12.7	11.4
100	11.0	11.9	10.7
10	10.4	11.4	10.2
5	9.9	10.9	9.8

PACIFIC PHASE 2 STATION 43 (45.23N, 124.72W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.5	12.1	11.0
20	10.7	11.4	10.4
10	10.3	11.0	10.0
5	9.8	10.5	9.6

PACIFIC PHASE 2 STATION 44 (45.45N, 125.36W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.0	13.0	11.3
20	10.8	12.0	10.5
10	10.1	11.3	9.9
5	9.5	10.6	9.3

PACIFIC PHASE 2 STATION 45 (45.86N, 125.07W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.8	12.5	11.3
20	10.8	11.8	10.6
10	10.3	11.4	10.1
5	9.8	10.7	9.6

PACIFIC PHASE 2 STATION 46 (46.27N, 124.77W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.1	11.8	10.5
20	10.1	11.0	9.8
10	9.6	10.5	9.4
5	9.1	10.0	8.9

PACIFIC PHASE 2 STATION 47 (46.50N, 125.42W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.0	14.0	12.2
20	11.6	12.9	11.3
10	10.9	12.2	10.7
5	10.3	11.5	10.1

PACIFIC PHASE 2 STATION 48 (46.91N, 125.11W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.2	12.0	10.7
20	10.3	11.3	10.0
10	9.7	10.9	9.5
5	9.2	10.1	9.0

PACIFIC PHASE 2 STATION 49 (47.14N, 125.77W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.7	13.5	12.1
20	11.6	12.6	11.3
10	11.0	12.0	10.8
5	10.4	11.5	10.3

PACIFIC PHASE 2 STATION 50 (47.55N, 125.46W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	11.5	12.2	11.0
20	10.5	11.8	10.3
10	10.3	10.9	9.8
5	9.5	10.4	9.4

PACIFIC PHASE 2 STATION 51 (47.77N, 126.12W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.2	14.0	12.5
20	12.0	13.1	11.7
10	11.4	12.5	11.1
5	10.8	11.9	10.6

PACIFIC PHASE 2 STATION 52 (48.19N, 125.81W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.2	13.0	11.5
20	11.0	12.1	10.7
10	10.4	11.8	10.2
5	9.8	10.9	9.6

PACIFIC PHASE 2 STATION 53 (48.60N, 125.50W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.4	13.2	11.8
20	11.4	12.4	11.0
10	10.8	11.7	10.4
5	10.2	11.2	9.9

PACIFIC PHASE 2 STATION 29 (40.28N, 124.93W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.8	14.0	11.9
20	11.3	12.7	10.8
10	10.4	11.8	10.0
5	9.6	11.0	9.3

PACIFIC PHASE 2 STATION 30 (40.49N, 125.53W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.1	14.4	12.2
20	11.5	13.1	11.0
10	10.7	12.1	10.2
5	9.9	11.2	9.5

PACIFIC PHASE 2 STATION 31 (40.90N, 125.28W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.4	14.8	12.4
20	11.8	13.4	11.3
10	10.9	12.4	10.2
5	10.1	11.5	9.7

PACIFIC PHASE 2 STATION 32 (41.31N, 125.03W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	12.4	13.5	11.5
20	11.0	12.3	10.5
10	10.2	11.5	9.8
5	9.5	10.7	9.1

PACIFIC PHASE 2 STATION 33 (41.72N, 124.78W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	13.3	14.6	12.4
20	11.7	13.4	11.2
10	10.8	12.5	10.4
5	10.0	11.5	9.7

PACIFIC PHASE 2 STATION 34 (41.93N, 125.39W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.7	16.4	13.6
20	12.7	14.7	12.2
10	11.7	13.5	11.2
5	10.7	12.4	10.3

PACIFIC PHASE 2 STATION 35 (42.34N, 125.13W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) ASSOCIATED WITH .75 FRACTILE	LOWER LIMIT HS(M) ASSOCIATED WITH .25 FRACTILE
50	14.5	16.1	13.5
20	12.6	14.5	12.1
10	11.6	13.4	11.1
5	10.7	12.4	10.4