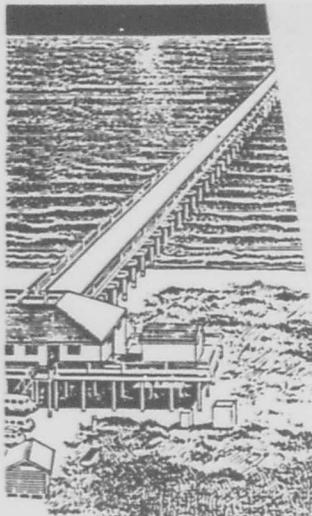




US Army Corps
of Engineers



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WAVE INFORMATION STUDIES
OF US COASTLINES

(12)

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

DEPARTMENT OF THE ARMY
Waterways Experiment Station, Corps of Engineers
PO Box 631, Vicksburg, Mississippi 39180-0631



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Washington, DC 20314-1000

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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 Mses. 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-O), Research Division (CR), CERC.

The study was conducted under direct supervision of Dr. E. F. Thompson, Chief, CR-O 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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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.

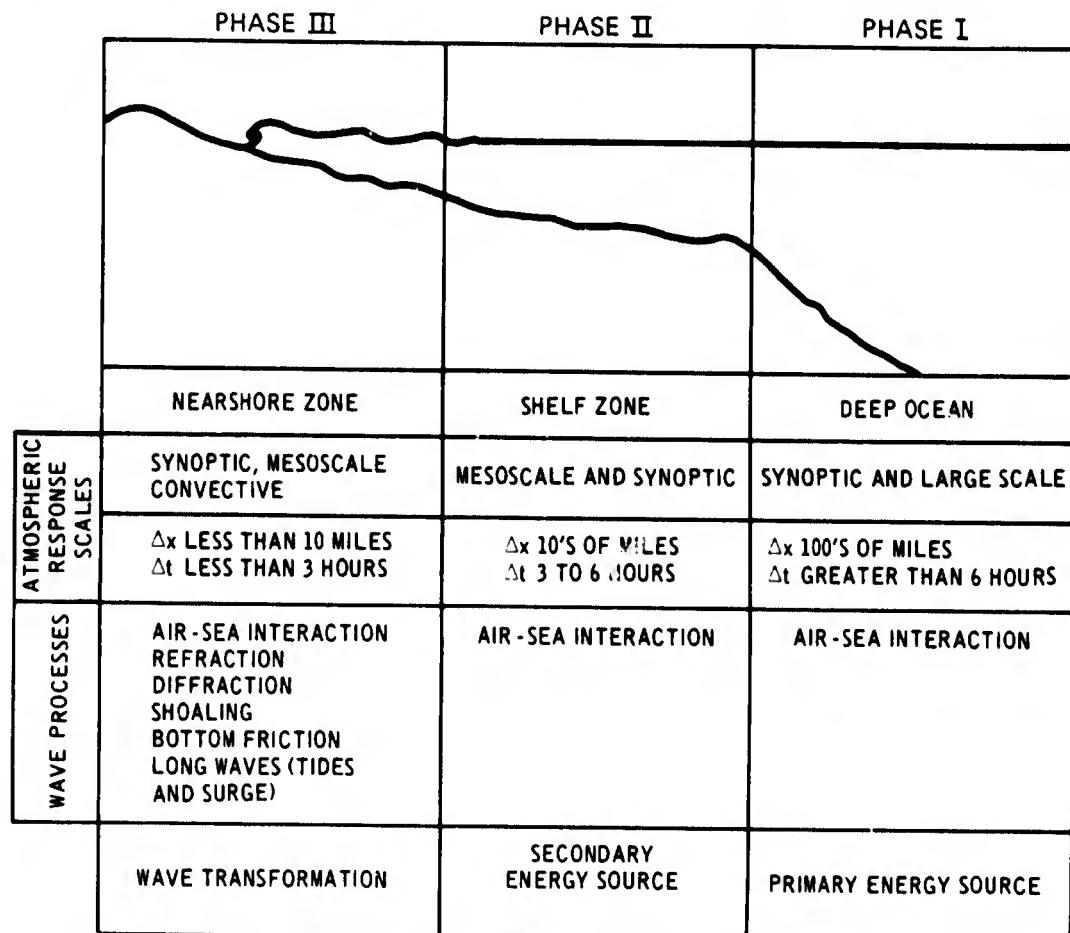


Figure 1. Conceptual diagram of the three phases of the PCWIS

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).

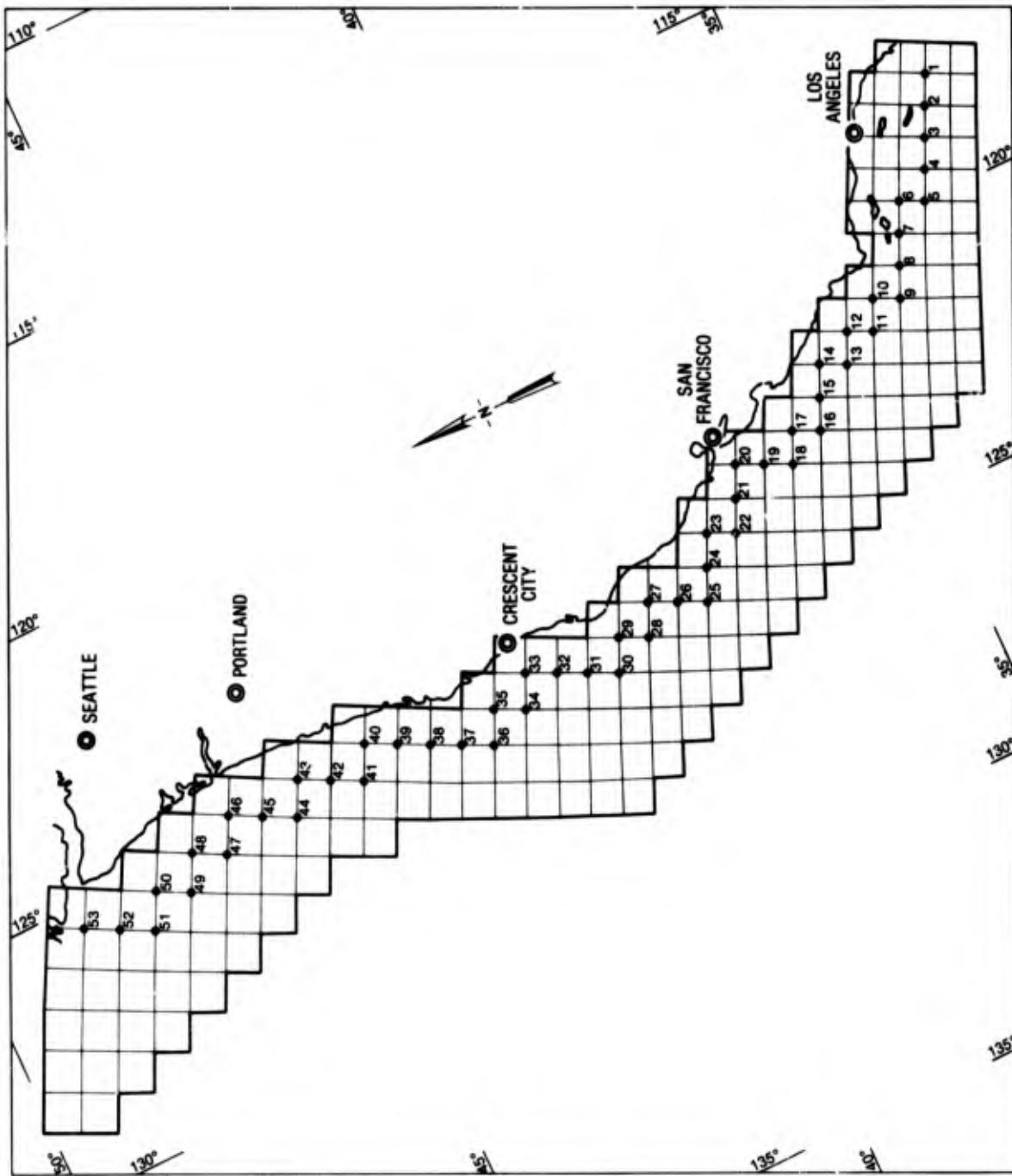


Figure 2. Locations of PCWIS Phase II stations for hindcast wave information

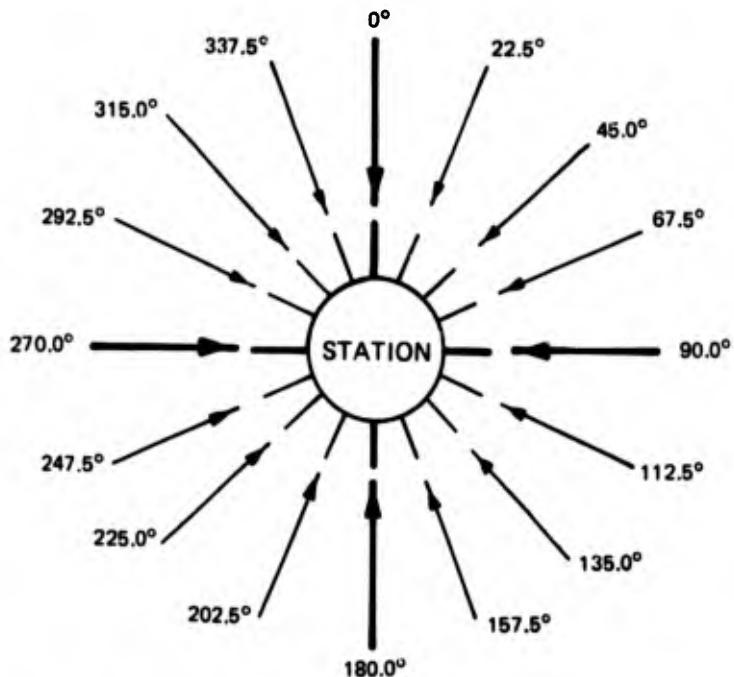


Figure 3. Diagram indicating wave direction

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-G. 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:

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

For this example:

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

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 HS 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> deg	<u>Longitude (W)</u> deg
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) deg</u>	<u>Longitude (W) 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</u> <u>deg</u>	<u>Range</u> <u>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

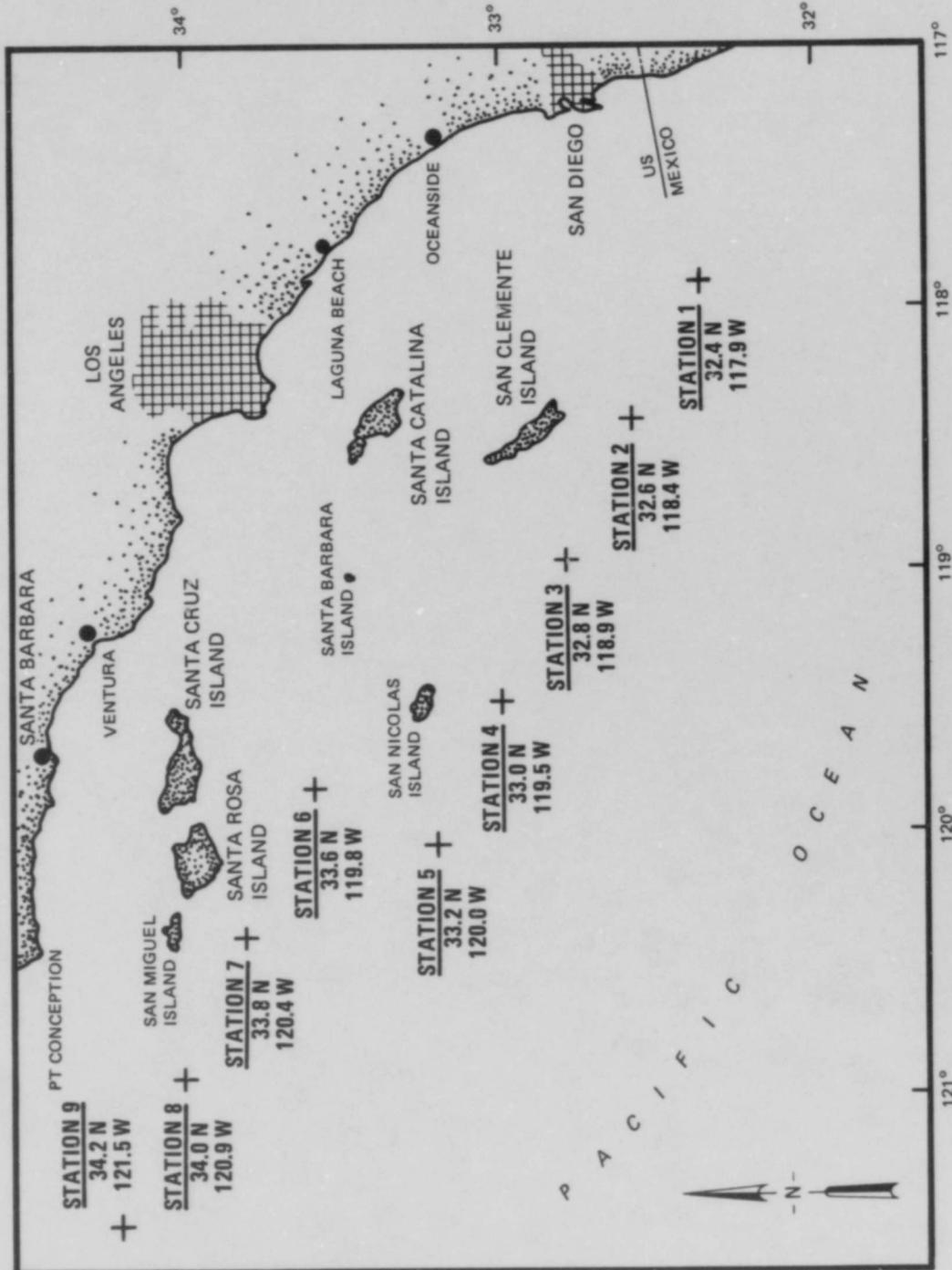
Frequency Hz	Midband Period sec	Band Range Period sec	Grouping for Percent Occurrence Tables sec
0.22	4.5	4.44 ≤ T < 4.65	
0.21	4.8	4.65 ≤ T < 4.88	
0.20	5.0	4.88 ≤ T < 5.13	4.4- 6.0
0.19	5.5	5.13 ≤ T < 5.41	
0.18	5.6	5.41 ≤ T < 5.71	
0.17	5.9	5.71 ≤ T < 6.06	
0.16	6.2	6.06 ≤ T < 6.45	
0.15	6.7	6.45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

Table 4
Probabilities of Extreme Wave Heights*

Return Period <u>years</u>	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°36'N 117°89'W AZIMUTH(DEGREES) = 0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6											6
1.0-1.9	17											26
2.0-2.9	25		1	5	10	3	1	1	1			51
3.0-3.9												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	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=						

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

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	13											13
1.0-1.9	23											42
2.0-2.9	1		10	3	3							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	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=						

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

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	20											0
1.0-1.9	39											46
2.0-2.9	6				1	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	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=						

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

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6											0
1.0-1.9	35		5				5					40
2.0-2.9	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	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=						

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	5	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	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	4.6	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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+	6	0	0	0	0	0	0	0	0	0	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	4.6	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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+	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) =	0.	LARGEST HS(M)=	0.	MEAN TP(SEC)=	0.	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	4.6	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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+	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) =	0.	LARGEST HS(M)=	0.	MEAN TP(SEC)=	0.	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	4.6	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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+	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) =	0.	LARGEST HS(M)=	0.	MEAN TP(SEC)=	0.	NO. OF CASES=					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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) =180.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	3	6	.	.	.	.	.	.	.	0
3.0-3.9	1	1	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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	4	6	0	0	0	0	0	0	0	0
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) =202.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	3	15	3	5	3	.	.	.	.	25
3.0-3.9	11	3	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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	17	12	18	5	3	0	0	0	0	0
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) =225.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	11	3	15	3	5	3	.	.	.	.	25
3.0-3.9	23	13	44	6	18	17	10	6	.	.	85
4.0-4.9	.	.	.	.	.	.	.	.	.	.	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	0	38	35	58	24	33	6	0	0	0	0
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- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9	30		61		5	30	1					96
1.0-1.9	27	58	200	99	123	343	92					538
2.0-2.9	22	58	131	154	145	643	205	1				1332
3.0-3.9		44	10	44	37	136	254					1111
4.0-4.9		3		5			46					445
5.0-5.9												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=						

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	16.2- 22.2	22.3- LONGER		
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	109	83	39	922	3809	537				6552
5.0-5.9		16	111	11	52	621	765					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=						

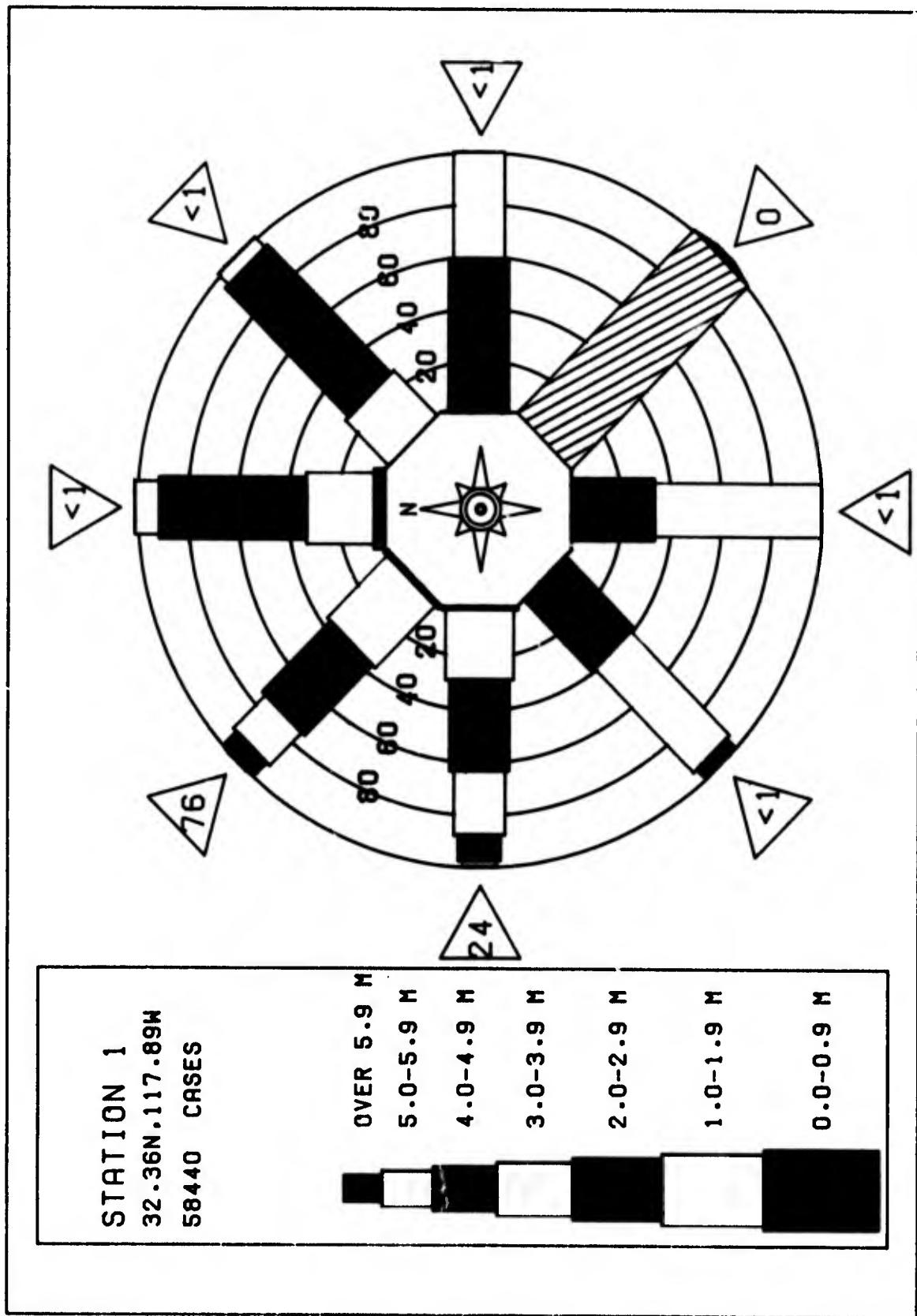
STATION 1 32.36N 117.89W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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	16.2- 22.2	22.3- LONGER		
0.-0.9	10	27		5	11							53
1.0-1.9	453	225	236	130	22	23	3					1153
2.0-2.9	186	225	183	250	271	22	13					466
3.0-3.9	1	217	17	11	50	136	11	14	17			61
4.0-4.9			10		5			17				20
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+												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=						

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	16.2- 22.2	22.3- LONGER		
0.-0.9	1	3	8	8	5	10	5	1	1			4
1.0-1.9	25	1	11	35	32	10	5	1	1			132
2.0-2.9	37	1		5	1	3						130
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	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=						

HEIGHT(METRES)	STATION 1 32°36'N 117°8'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL								
	4.4-	6.0-	6.1-	8.0-	8.1-	9.5-	9.6-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	15.4-	18.2-	22.2-	22.3-	LÖNGER
0.0-0.9	33	65	67	7	5	1	2	.	.	.	.	.	.	.	.	.	.	.	180
1.0-1.9	129	676	1265	620	302	75	24	2	2	152	27	.	.	.	.	.	.	.	3183
2.0-2.9	2	263	493	571	1046	779	152	27	27	485	53	.	.	.	.	.	.	.	1946
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	705
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	168
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	124
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	389	1591	2110	1265	1579	1726	1151	170	0	0	0	0	0	0	0	0	0	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
WIS STATION 1 (32.36N 117.89W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	2.7	3.0	2.6	2.6	2.3	2.5	1.9	1.9	1.4	1.7	2.2	2.6	2.6
1957	2.7	3.0	2.6	2.6	2.2	2.3	1.4	1.4	1.4	1.7	2.0	2.7	2.7
1958	2.0	2.0	2.0	2.0	2.4	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1959	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1960	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1961	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1962	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1963	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1964	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1965	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1966	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1967	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1968	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1969	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1970	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1971	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1972	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1973	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1974	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
1975	2.0	2.0	2.0	2.0	2.2	2.2	1.4	1.4	1.5	1.7	2.0	2.7	2.7
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
WIS STATION 1 (32.36N 117.89W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	4.2	6.9	5.3	5.9	3.8	2.6	3.3	2.4	3.7	4.0	4.0
1957	4.4	6.6	4.7	4.3	4.4	4.0	4.4	4.4	4.4	4.4	4.4	4.7
1958	5.2	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1959	5.3	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1960	5.4	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1961	5.5	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1962	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
1963	5.5	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1964	5.9	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1965	6.2	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1966	6.0	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1967	5.4	6.7	5.0	5.6	5.6	5.0	4.2	4.2	4.5	4.7	5.6	5.6
1968	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1969	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1970	4.5	5.6	6.1	5.4	5.4	5.0	4.7	4.7	4.7	4.7	4.7	4.7
1971	4.4	5.6	6.0	5.3	5.3	5.0	4.7	4.7	4.7	4.7	4.7	4.7
1972	4.5	5.6	6.0	5.3	5.3	5.0	4.7	4.7	4.7	4.7	4.7	4.7
1973	4.6	5.6	6.0	5.3	5.3	5.0	4.7	4.7	4.7	4.7	4.7	4.7
1974	4.8	5.0	5.9	3.7	5.7	5.7	7.7	3.2	2.6	2.2	3.9	3.7

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.5
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 2.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.6
 LARGEST HS(METRES)= 7.7
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.1
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 286.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 75061806

HEIGHT(METRES)	STATION 2 32.58N 118.43W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	PEAK PERIOD(SECONDS)											
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	8	.	.	.	.	.	.	.	.	.	.	8
1.0-1.9	15	.	3	5	23	5	1	1	1	.	.	24
2.0-2.9	46	10	3	17	23	8	1	1	1	.	.	105
3.0-3.9	.	.	.	.	6	.	.	.	.	.	.	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
TOTAL	69	13	6	22	30	13	1	1	1	0	.	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	3	.	.	.	.	.	.	.	.	.	.	3
1.0-1.9	22	.	11	5	8	10	.	3	.	.	.	27
2.0-2.9	22	17	.	.	.	.	6	.	.	.	.	59
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	23
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	48	28	6	11	10	6	3	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	20	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	55	16	1	1	3	.	.	1	1	.	.	20
2.0-2.9	55	23	.	.	.	.	3	.	.	.	.	58
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	55	41	1	1	3	3	0	1	1	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	6	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	30	37	.	.	.	1	.	.	.	.	.	68
2.0-2.9	30	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
TOTAL	36	67	0	0	1	0	0	0	0	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	6.3	NO. OF CASES=	63.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	0
1.0-1.9	1
2.0-2.9	3	8	1	.	.	.	.	.	.	.	11
3.0-3.9	.	11	.	.	.	.	.	.	.	.	11
4.0-4.9	.	13	.	.	.	.	.	.	.	.	13
5.0-5.9	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	6	0	0	0	0	0	0	0	22.
MEAN HS(M) =	3.4	LARGEST HS(M)=	4.3	MEAN TP(SEC)=	6.9	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	0
1.0-1.9	1
2.0-2.9	i	5	.	.	.	.	.	5	.	.	11
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	i	5	0	0	0	0	0	5	0	0	7.
MEAN HS(M) =	2.4	LARGEST HS(M)=	2.6	MEAN TP(SEC)=	9.5	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	0
1.0-1.9	.	i	.	.	.	.	.	i	.	.	2
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	i	0	0	0	0	0	i	0	0	2.
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.6	MEAN TP(SEC)=	10.1	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	0
1.0-1.9	.	.	i	.	.	.	.	.	.	.	2
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	i	0	0	0	0	0	i	0	0	2.
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.6	MEAN TP(SEC)=	10.1	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
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	0	3	0	0	0	0	0	1	0	0	3.
MEAN HS(M) =	2.6	LARGEST HS(M)=	2.7	MEAN TP(SEC)=	8.8	NO. OF CASES=					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	3	3	.	.	.	.	.	.	.	3
3.0-3.9	.	8	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	0	11	4	0	0	0	0	0	0	0	10.
MEAN HS(M) =	3.3	LARGEST HS(M)=	4.0	MEAN TP(SEC)=	7.3	NO. OF CASES=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	3	17	.	.	.	.	.	.	.	20
2.0-2.9	1	16	1	1	.	.	.	.	.	.	17
3.0-3.9	.	15	6	1	.	.	.	.	.	.	0
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	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	8	27	11	.	.	.	.	.	.	35
2.0-2.9	.	29	1	5	.	.	.	.	.	.	36
3.0-3.9	1	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	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	8	27	11	5	3	2	3	2	1	55
2.0-2.9	.	29	1	5	.	.	.	.	.	.	36
3.0-3.9	1	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	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6	6	22	23	8	15	8	10	6	1	60
1.0-1.9	.	6	20	54	13	3	20	10	6	1	103
2.0-2.9	.	32	18	.	.	.	.	.	.	.	66
3.0-3.9	.	.	.	.	.	.	.	.	.	.	24
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	68	54	3	23	3	1	1	1	1	1	1	1	125	
1.0-1.9	34	112	112	112	148	117	13.3	15.3	18.1	22.2	LONGER	813		
2.0-2.9	35	66	162	162	150	323	213	213	1	1	1	1	1426	
3.0-3.9	.	4	27	37	176	310	213	306	1	1	1	1	1205	
4.0-4.9	.	3	13	6	49	157	56	56	1	1	1	1	559	
5.0-5.9	.	.	.	.	.	.	10	.	.	.	.	10	10
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	137	222	637	350	906	1233	683	4	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	162	465	424	30	34	3	5	205	27	8	1	1	1123	
1.0-1.9	1729	5894	11278	5343	2650	662	1344	63	3	1	1	1	27796	
2.0-2.9	1101	5645	4697	5260	9385	7017	1344	2471	215	1	1	1	34515	
3.0-3.9	.	2590	1329	381	2056	6776	3805	509	1	1	1	1	17818	
4.0-4.9	.	135	1076	77	56	1024	646	641	1	1	1	1	6679	
5.0-5.9	.	.	193	95	6	6	646	641	1	1	1	1	1644	
6.0-6.9	.	.	6	49	5	1	71	119	1	1	1	1	251	
7.0-7.9	.	.	.	.	3	.	.	34	1	1	1	1	37
8.0-8.9	.	.	.	.	.	.	.	.	1	1	1	1	0
9.0-9.9	.	.	.	.	.	.	.	.	1	1	1	1	0
10.0+	.	.	.	.	.	.	.	.	1	1	1	1	0
TOTAL	2992	14729	19003	11235	14195	15543	10547	1608	11	0	0	0	52532.	
MEAN HS(M) =	2.5	LARGEST HS(M)=	7.7	MEAN TP(SEC)=	10.2	NO. OF CASES=	52532.							

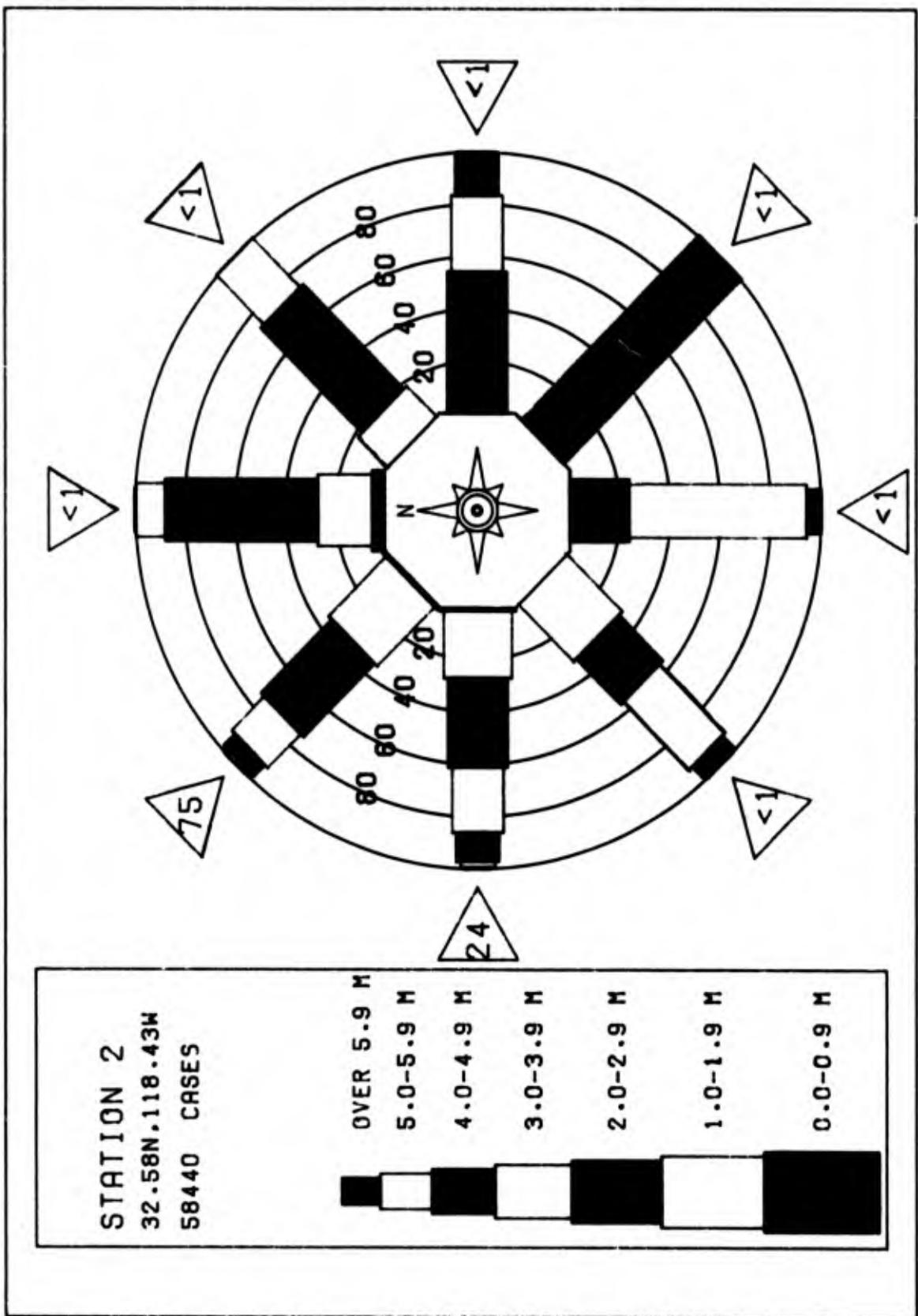
STATION 2 32.58N 118.43W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	15	25	18	11	20	1	8	1	1	1	1	1	98	
1.0-1.9	627	297	304	219	35	35	155	125	1	1	1	1	1532	
2.0-2.9	308	585	246	313	319	112	220	47	11	1	1	1	1926	
3.0-3.9	308	301	46	29	112	220	47	59	11	1	1	1	766	
4.0-4.9	.	.	17	1	6	1	1	37	11	1	1	1	101	
5.0-5.9	.	.	1	.	1	1	1	1	1	1	1	1	51	
6.0-6.9	.	.	.	.	.	.	.	.	1	1	1	1	0
7.0-7.9	.	.	.	.	.	.	.	.	1	1	1	1	0
8.0-8.9	.	.	.	.	.	.	.	.	1	1	1	1	0
9.0-9.9	.	.	.	.	.	.	.	.	1	1	1	1	0
10.0+	.	.	.	.	.	.	.	.	1	1	1	1	0
TOTAL	950	1208	632	573	493	410	189	31	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	11	1	1	1	1	1	1	1	1	1	1	1	12	
1.0-1.9	49	18	29	15	1	10	1	1	1	1	1	1	123	
2.0-2.9	32	20	23	46	65	5	5	3	5	5	5	5	130	
3.0-3.9	.	10	.	6	1	5	3	3	1	1	1	1	1	
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	1	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	92	48	52	68	67	18	12	6	0	0	0	0	219.	
MEAN HS(M) =	2.2	LARGEST HS(M)=	4.7	MEAN TP(SEC)=	8.7	NO. OF CASES=	219.							

HEIGHT(METRES)	STATION 2 32°58'N 118°43'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER	
0.0-0.9	27	49	49	4	5	1						135
1.0-1.9	250	634	1206	572	284	73	22	3				3043
2.0-2.9	162	644	516	590	1035	751	148	23				3852
3.0-3.9	.	311	142	47	235	775	473	23				2006
4.0-4.9	.	15	111	8	11	122	417	52				736
5.0-5.9	.	.	19	9	.	6	74	65				123
6.0-6.9	.	.	.	4	.	.	8	15				24
7.0-7.9	.	.	.	.	.	.	.	3				0
8.0-8.9	.	.	.	.	.	.	.	.				0
9.0-9.9	.	.	.	.	.	.	.	.				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
WIS STATION 2 (32.58N 118.43W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	2.7	3.0	2.7	2.6	2.3	2.6	3.9	2.0	1.4	1.8	2.2	2.6	2.3
1957	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1958	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1959	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1960	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1961	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1962	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1963	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1964	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1965	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1966	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1967	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1968	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1969	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1970	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1971	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1972	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1973	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1974	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
1975	2.7	3.0	2.7	2.6	2.3	2.6	3.5	2.4	1.9	1.6	2.0	2.7	2.4
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
WIS STATION 2 (32.58N 118.43W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.7	6.2	6.9	7.1	6.9	7.9	2.7	3.6	4.4	3.6	4.0	4.0
1957	3.4	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1958	3.3	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1959	3.3	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1960	3.4	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1961	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1962	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1963	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1964	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1965	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1966	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1967	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1968	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1969	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1970	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1971	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1972	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1973	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1974	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7
1975	3.5	6.2	6.7	7.3	7.0	7.7	3.4	4.4	5.0	4.0	4.7	4.7

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.5
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TPI(SECONDS)= 2.0
 LARGEST HS(METRES)= 11.1
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 295.0
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 75061606
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

HEIGHT(METRES)	STATION 3 32.79N 118.96W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
1.0-1.9	15	1	5	3	.	3	.	.	.	.	5
2.0-2.9	30	27	3	10	22	3	8	3	.	.	84
3.0-3.9	.	3	.	.	3	.	.	1	.	.	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
TOTAL	50	31	8	13	25	12	4	1	0	0	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	4.5	MEAN TP(SEC)=	8.1	NO. OF CASES=	89.				
HEIGHT(METRES)	STATION 3 32.79N 118.96W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
PEAK PERIOD(SECONDS)											TOTAL
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
1.0-1.9	1	.	3	1	1	1	.	.	.	.	1
2.0-2.9	25	16	5	3	17	1	6	3	1	.	16
3.0-3.9	.	17	.	.	1	.	.	.	.	.	25
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	35	8	4	19	7	3	1	0	0	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	8.0	NO. OF CASES=	72.				
HEIGHT(METRES)	STATION 3 32.79N 118.96W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
PEAK PERIOD(SECONDS)											TOTAL
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	15	3	.	.	.	.	.	.	.	.	18
3.0-3.9	25	29	1	1	5	.	.	.	.	.	82
4.0-4.9	.	35	.	.	.	1	.	.	.	.	36
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	41	67	1	1	5	1	0	0	0	0	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	6.5	NO. OF CASES=	71.				
HEIGHT(METRES)	STATION 3 32.79N 118.96W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
PEAK PERIOD(SECONDS)											TOTAL
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
1.0-1.9	5	1	1	.	.	.	.	.	.	.	0
2.0-2.9	13	58	.	1	1	1	.	.	.	.	73
3.0-3.9	.	35	.	.	.	.	1	.	3	.	30
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
TOTAL	18	97	1	1	1	1	0	3	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	4.1	MEAN TP(SEC)=	7.0	NO. OF CASES=	75.				

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	0	0
1.0-1.9	2	2
2.0-2.9	.	2	.	.	.	.	.	.	.	.	.	1	1
3.0-3.9	.	1	1	.	.	.	.	.	.	.	.	3	3
4.0-4.9	.	1	1	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	1	1	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	0	0	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	0	0	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	0	0	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	0	0	.	.	.	.	.	.	.	.	0	0
TOTAL	0	36	14	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	3.5	LARGEST HS(M)=	5.1	MEAN TP(SEC)=	7.1	NO. OF CASES=	31.						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	0	0
1.0-1.9	.	1	6	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	1	6	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	1	6	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	1	6	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	1	6	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	1	6	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	1	6	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	1	6	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	1	6	.	.	.	.	.	.	.	.	0	0
TOTAL	1	6	0	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	2.8	MEAN TP(SEC)=	6.1	NO. OF CASES=	5.						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	0	0
1.0-1.9	.	0	0	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	0	0	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	0	0	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	0	0	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	0	0	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	0	0	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	0	0	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	0	0	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	0	0	.	.	.	.	.	.	.	.	0	0
TOTAL	0	6	0	0	0	0	0	1	0	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.0	MEAN TP(SEC)=	7.9	NO. OF CASES=	5.						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	0	0
1.0-1.9	.	0	0	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	0	0	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	0	0	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	0	0	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	0	0	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	0	0	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	0	0	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	0	0	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	0	0	.	.	.	.	.	.	.	.	0	0
TOTAL	0	6	0	0	0	0	0	1	0	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.0	MEAN TP(SEC)=	7.9	NO. OF CASES=	5.						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	0	0
1.0-1.9	.	0	0	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	0	0	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	0	0	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	0	0	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	0	0	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	0	0	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	0	0	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	0	0	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	0	0	.	.	.	.	.	.	.	.	0	0
TOTAL	0	1	0	0	0	0	0	3	0	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.3	MEAN TP(SEC)=	11.7	NO. OF CASES=	3.						

HEIGHT(METRES)	STATION 3 32.79N 118.96W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	10	5	.	.	.	.	.	.	.	15
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	10	5	0	0	0	0	0	0	0	0
TOTAL	0	10	5	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	5	13	.	.	.	.	.	.	.	0
1.0-1.9	.	10	4	3	.	.	1	.	.	.	16
2.0-2.9	.	3	1	.	.	.	.	.	.	.	24
3.0-3.9	.	.	5	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	0	29	23	3	0	0	1	0	0	0	0
TOTAL	0	29	23	3	0	0	1	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	5	23	.	.	.	.	.	.	.	0
1.0-1.9	.	10	11	5	.	.	1	.	.	.	28
2.0-2.9	.	30	10	.	.	.	.	.	.	.	44
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	47	33	12	8	8	1	0	0	0	0
TOTAL	0	47	33	12	8	8	1	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	10	10	16	20	.	.	.	.	.	.	10
1.0-1.9	.	30	23	20	15	15	3	.	.	.	140
2.0-2.9	.	.	.	.	.	.	.	.	.	.	127
3.0-3.9	.	.	.	.	.	.	.	.	.	.	109
4.0-4.9	.	.	.	.	.	.	.	.	.	.	104
5.0-5.9	.	.	.	.	.	.	.	.	.	.	10
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	10	45	64	106	26	72	15	0	0	0	204.
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° 79'N 118° 96'W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	15.4-	18.2-	22.2	22.3-	LONGER	
0.0-0.9	51	3	29	99	159	34	5	1	1	1	1	1	1	66	
1.0-1.9	32	11	366	242	366	366	118	118	118	118	118	118	118	826	
2.0-2.9	41	198	242	366	242	366	118	118	118	118	118	118	118	1234	
3.0-3.9	.	5	13	6	56	201	569	106	106	106	106	106	106	646	
4.0-4.9	.	.	.	.	.	.	106	106	106	106	106	106	106	112
5.0-5.9	.	.	.	.	.	.	23	1	1	1	1	1	1	24
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	103	225	672	386	1033	1450	828	8	0	0	0	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° 79'N 118° 96'W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	15.4-	18.2-	22.2	22.3-	LONGER	
0.0-0.9	126	343	349	27	30	1	3	23	8	8	8	8	8	875	
1.0-1.9	1771	5424	10793	4968	2477	695	188	23	1	1	1	1	1	26237	
2.0-2.9	1240	6059	4851	5441	9168	6531	1228	23	1	1	1	1	1	14632	
3.0-3.9	2655	1221	379	2230	6714	4264	215	215	215	215	215	215	215	18007	
4.0-4.9	.	133	1674	66	53	1160	3800	215	215	215	215	215	215	6785	
5.0-5.9	.	198	60	9	7	6	671	671	671	671	671	671	671	1673	
6.0-6.9	.	6	30	3	1	1	61	61	61	61	61	61	61	234	
7.0-7.9	.	.	.	.	.	.	35	35	35	35	35	35	35	36
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3137	14814	18492	10967	13977	15273	10235	1575	9	0	0	0	0	51725.	
MEAN HS(M) =	2.6	LARGEST HS(M)=	7.4	MEAN TP(SEC)=	10.2	NO. OF CASES=	51725.								

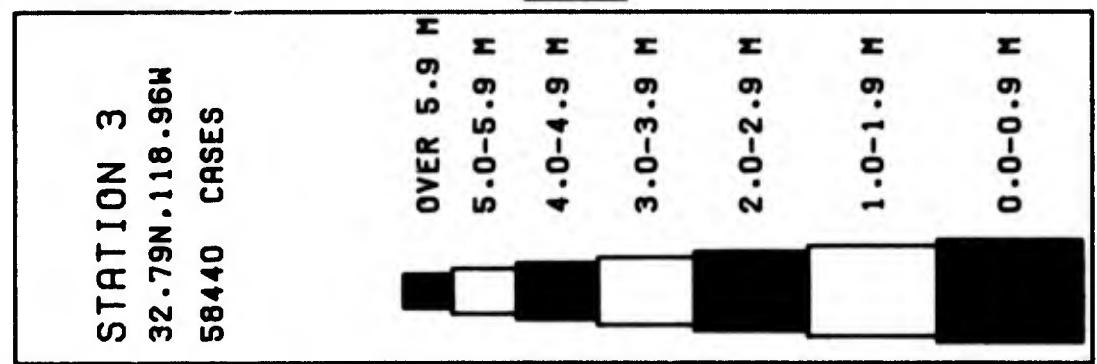
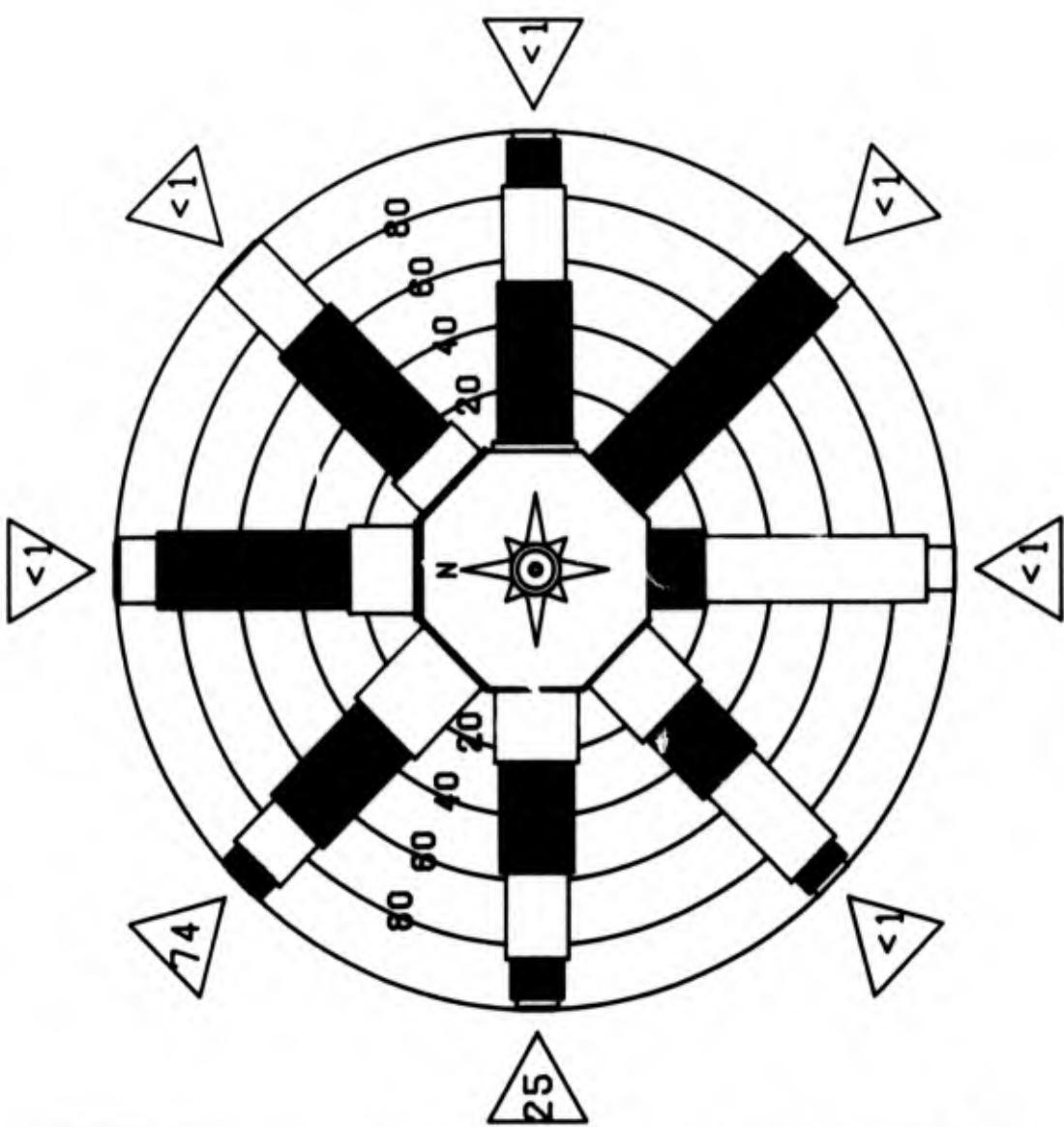
STATION 3 32° 79'N 118° 96'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	15.4-	18.2-	22.2	22.3-	LONGER	
0.0-0.9	8	42	23	5	29	11	8	1	1	1	1	1	1	126	
1.0-1.9	677	428	292	294	343	362	151	256	59	68	68	68	68	1819	
2.0-2.9	337	203	294	543	362	151	256	59	68	68	68	68	68	21095	
3.0-3.9	265	63	47	162	256	39	70	11	11	11	11	11	11	860	
4.0-4.9	3	23	6	1	1	1	39	1	1	1	1	1	1	155	
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	60
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1022	1449	755	608	611	497	229	37	0	0	0	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° 79'N 118° 96'W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	15.4-	18.2-	22.2	22.3-	LONGER	
0.0-0.9	8	6	35	1	5	6	1	1	1	1	1	1	1	9	
1.0-1.9	29	11	29	51	50	13	1	1	1	1	1	1	1	211	
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	.	.	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	78	44	64	73	72	32	12	5	0	0	0	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° 7'N 118° 9'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	21	39	40	3	6	1	1	2	2	1	111
1.0-1.9	255	600	1164	529	269	71	22	2	2	2	2915
2.0-2.9	173	704	1540	617	1025	714	140	20	20	20	3916
3.0-3.9	.	337	710	50	204	787	424	20	20	20	2061
4.0-4.9	.	15	120	3	12	145	424	20	20	20	765
5.0-5.9	.	.	20	1	7	64	55	15	15	15	185
6.0-6.9	.	.	3	1	8	14	14	15	15	15	24
7.0-7.9	.	.	.	.	.	8	8	8	8	8	8
8.0-8.9	.	.	.	.	.	.	3	3	3	3	3
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	449	1695	2012	1218	1577	1735	1132	161	0	0	0
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	3.0	3.1	2.7	2.6	2.7	2.6	2.8	2.1	1.5	1.0	2.7	2.7	2.7
1957	3.0	3.0	2.6	2.6	2.6	2.6	2.5	2.5	1.5	1.3	2.7	2.7	2.7
1958	3.0	3.0	2.6	2.6	2.6	2.6	2.5	2.5	1.5	1.3	2.7	2.7	2.7
1959	3.0	3.0	2.6	2.6	2.6	2.6	2.5	2.5	1.5	1.3	2.7	2.7	2.7
1960	3.0	3.0	2.6	2.6	2.6	2.6	2.5	2.5	1.5	1.3	2.7	2.7	2.7
1961	3.0	3.0	2.6	2.6	2.6	2.6	2.5	2.5	1.5	1.3	2.7	2.7	2.7
1963	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1964	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1965	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1966	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1967	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1968	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1969	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1970	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1971	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1972	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1973	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1974	3.0	3.0	2.7	2.7	2.7	2.7	2.6	2.6	1.7	1.4	2.7	2.7	2.7
1975	2.6	3.1	3.4	2.5	2.5	2.6	2.3	1.8	1.2	2.2	2.4	2.6	2.4
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	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1957	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1958	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1959	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1960	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1961	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1963	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1964	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1965	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1966	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1967	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1968	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1969	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1970	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1971	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1972	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1973	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1974	4.0	4.0	6.8	5.1	3.9	4.1	3.9	3.4	2.5	3.4	4.0	4.0
1975	4.8	5.1	5.7	3.9	5.6	7.0	3.3	2.7	2.4	3.9	4.1	3.9

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDUS)= 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)= 69121318

HEIGHT(METRES)	STATION 4 33.00N 119.50W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL											
	PEAK PERIOD(SECONDS)																					
0. -0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
1.0-1.9	3		3		6		5		5		3		1		1		1		1		4	
2.0-2.9	15		35		6		17		35		6		5		1		1		1		33	
3.0-3.9	20		6		6		3		6		5		1		3		1		1		21	
4.0-4.9		5		.		.		.		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	38		44		13		25		42		14		9		3		1		0		0	
MEAN HS(M) =	2.5		LARGEST HS(M)=	5.5		MEAN TP(SEC)=	9.0		NO. OF CASES=	118.												
HEIGHT(METRES)	STATION 4 33.00N 119.50W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 22.5											
	PEAK PERIOD(SECONDS)										TOTAL											
0. -0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
1.0-1.9	6		1		3		1		1		1		1		1		1		1		6	
2.0-2.9	17		61		.		5		11		3		3		.		.		.		36	
3.0-3.9	.		18		.		.		.		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	52		80		3		6		13		6		6		1		0		0		6	
MEAN HS(M) =	2.4		LARGEST HS(M)=	4.8		MEAN TP(SEC)=	7.3		NO. OF CASES=	104.												
HEIGHT(METRES)	STATION 4 33.00N 119.50W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 45.0											
	PEAK PERIOD(SECONDS)										TOTAL											
0. -0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
1.0-1.9	15		5		1		1		3		.		1		1		.		.		0	
2.0-2.9	.		43		1		1		1		5		1		1		.		.	24		
3.0-3.9	15		44		.		.		.		5		.		.		.		.	50
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	30		99		2		4		3		5		1		1		0		0		0	
MEAN HS(M) =	2.6		LARGEST HS(M)=	4.0		MEAN TP(SEC)=	7.0		NO. OF CASES=	89.												
HEIGHT(METRES)	STATION 4 33.00N 119.50W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 67.5											
	PEAK PERIOD(SECONDS)										TOTAL											
0. -0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
1.0-1.9	5		5		1		1		3		.		1		1		.		.		0	
2.0-2.9	5		54		.		1		1		.		.		.		.		.	11
3.0-3.9	5		49		.		.		.		.		.		.		.		.	50
4.0-4.9	.		.		.		.		.		.		.		.		.		.	0
5.0-5.9	.		.		.		.		.		.		.		.		.		.	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		0	
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-
4.6.0	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.
1.0-1.9	i	18	.	.	.	.	.	.	.	.	00
2.0-2.9	.	23	.	.	.	.	.	.	.	.	23
3.0-3.9	.	.	5	.	.	.	.	.	.	.	13
4.0-4.9	.	.	13	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	00
10.0+	.	.	.	.	.	.	.	.	.	.	00
TOTAL	i	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-
4.6.0	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	00
1.0-1.9	.	11	.	.	.	.	.	.	.	.	11
2.0-2.9	.	.	.	.	.	.	.	.	.	.	00
3.0-3.9	.	.	.	.	.	.	.	.	.	.	00
4.0-4.9	.	.	.	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	00
10.0+	.	.	.	.	.	.	.	.	.	.	00
TOTAL	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-
4.6.0	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	00
1.0-1.9	.	5	.	.	.	.	.	.	.	.	00
2.0-2.9	.	1	.	.	.	.	.	.	.	.	00
3.0-3.9	.	.	.	.	.	.	.	.	.	.	00
4.0-4.9	.	.	.	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	00
10.0+	.	.	.	.	.	.	.	.	.	.	00
TOTAL	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-
4.6.0	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	00
1.0-1.9	.	.	.	.	.	.	.	.	.	.	00
2.0-2.9	i	3	.	.	.	.	.	.	.	.	00
3.0-3.9	.	.	.	.	.	.	.	.	.	.	00
4.0-4.9	.	.	.	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	00
10.0+	.	.	.	.	.	.	.	.	.	.	00
TOTAL	i	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.				

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	0
1.0-1.9	0
2.0-2.9	.	5	10	.	.	.	.	.	.	.	15
3.0-3.9	.	3	5	.	.	.	.	.	.	.	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	0	8	15	0	0	0	0	0	0	0	0
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) =180.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	8	.	.	.	.	.	.	.	0
1.0-1.9	.	1	18	3	1	.	3	.	.	.	4
2.0-2.9	.	11	18	5	1	.	.	.	.	.	32
3.0-3.9	.	.	1	5	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	12	28	8	2	0	3	0	0	0	0
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) =202.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	5	10	.	.	.	.	.	.	.	0
1.0-1.9	.	1	15	10	5	.	1	.	.	.	15
2.0-2.9	.	27	17	15	1	8	1	.	.	.	90
3.0-3.9	.	1	5	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	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	0
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) =225.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	5	10	.	.	.	.	.	.	.	0
1.0-1.9	.	1	15	10	5	1	8	1	.	.	15
2.0-2.9	.	27	17	15	1	8	1	8	.	.	90
3.0-3.9	.	1	5	.	.	.	.	.	.	.	0
4.0-4.9	0
5.0-5.9	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	0
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											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	11	1	25	18	18	18	18	10	.	.	12
1.0-1.9	.	13	18	25	27	22	21	5	.	.	56
2.0-2.9	.	30	25	25	27	22	21	5	.	.	145
3.0-3.9	.	30	25	25	27	22	21	5	.	.	145
4.0-4.9	.	.	11	.	15	15	10	5	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	27	3	29	1	6	5	1	1	1	1	1	66
1.0-1.9	34	116	340	94	118	32	6	1	1	1	1	739
2.0-2.9	30	66	198	258	667	350	107	1	1	1	1	1676
3.0-3.9	.	39	47	47	246	886	217	1	1	1	1	1483
4.0-4.9	.	3	15	11	59	260	427	135	11	1	1	775
5.0-5.9	.	.	.	.	.	15	129	1	1	1	1	161
6.0-6.9	.	.	.	.	.	.	29	3	1	1	1	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	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	94	203	217	18	17	526	167	18	5	1	1	549
1.0-1.9	1731	5023	19232	4481	2185	6090	4149	56	1	1	1	4421
2.0-2.9	1315	6401	4354	5609	6376	6993	4110	193	1	1	1	16322
3.0-3.9	.	3016	1167	403	2440	1291	3790	451	1	1	1	6883
4.0-4.9	.	136	1062	65	88	1291	3790	451	1	1	1	1706
5.0-5.9	.	181	63	82	746	629	1	1	1	1	1	229
6.0-6.9	.	5	23	1	58	142	1	1	1	1	1	39
7.0-7.9	.	.	.	.	.	.	39	1	1	1	1	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3140	14779	17703	10662	13722	14981	9990	1528	6	0	0	50573.
MEAN HS(M) = 2.6 LARGEST HS(M)= 7.4 MEAN TP(SEC)= 10.2 NO. OF CASES= 50573.												

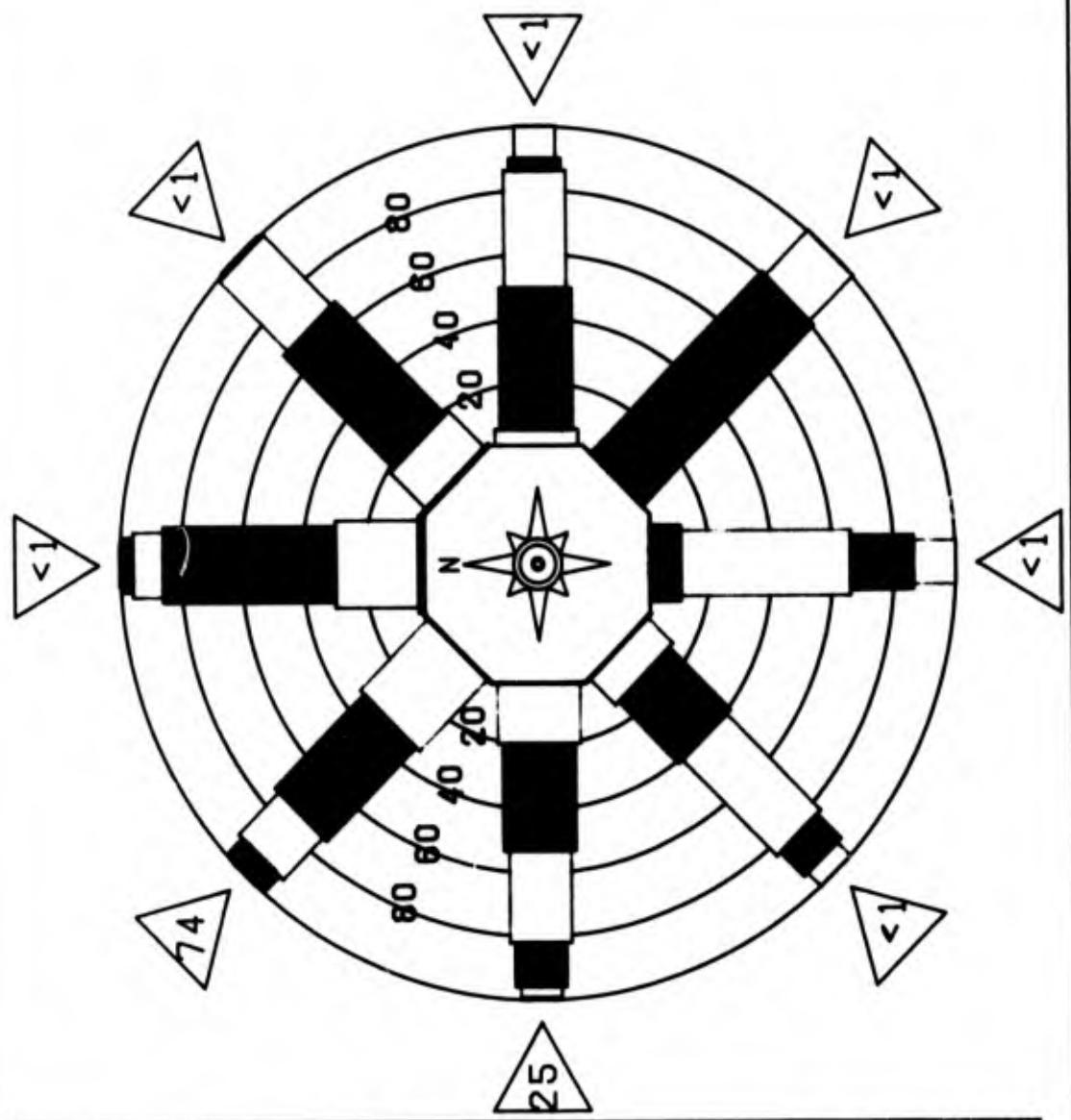
STATION 4 33.00N 119.50W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	3	51	17	23	1	1	1	1	1	1	1	94
1.0-1.9	665	657	616	251	102	85	49	1	1	1	1	2425
2.0-2.9	347	744	345	487	446	222	37	1	1	1	1	2648
3.0-3.9	.	227	118	61	229	325	75	6	1	1	1	1041
4.0-4.9	.	11	15	1	1	63	66	23	1	1	1	184
5.0-5.9	.	.	.	.	.	32	23	1	1	1	1	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	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	23	1	32	5	17	3	1	1	1	1	2
1.0-1.9	87	80	56	54	56	25	30	1	1	1	1	337
2.0-2.9	53	18	54	6	17	5	6	5	1	1	1	77
3.0-3.9	.	.	.	.	.	5	5	10	1	1	1	20
4.0-4.9	.	.	.	.	.	.	3	1	1	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
TOTAL	141	121	111	92	83	77	35	6	0	0	0	397.
MEAN HS(M) = 2.3 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 8.9 NO. OF CASES= 397.												

HEIGHT(METRES)	STATION 4 33°00'N 119°50'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	14	26	26	1	4	66	25	1	.	.	.	71
1.0-1.9	258	585	1129	488	242	672	130	5	.	.	.	2791
2.0-2.9	180	364	748	650	1022	828	441	21	.	.	.	3062
3.0-3.9	.	364	140	586	297	105	416	40	.	.	.	2113
4.0-4.9	.	15	111	49	10	165	416	40	.	.	.	704
5.0-5.9	.	.	20	7	1	10	96	66	.	.	.	106
6.0-6.9	.	.	.	2	.	9	14	3	.	.	.	25
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	TOTAL	452	1733	1974	1212	1583	1741	1124	156	0	0	0
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	2.8	3.1	2.7	2.6	2.3	2.7	2.0	2.1	1.5	1.9	2.3	2.7	2.4
1957	2.7	2.9	2.5	2.4	2.9	2.1	2.0	1.7	1.7	1.7	2.8	2.4	2.4
1958	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.4	2.4	2.5	2.5
1959	2.8	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.8	2.4	2.4	2.5	2.4
1960	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1961	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1962	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1963	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1964	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1965	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1966	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1967	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1968	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1969	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1970	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1971	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1972	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1973	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1974	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
1975	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
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	4.1	4.2	6.7	5.0	5.9	4.2	3.0	3.4	2.7	3.3	4.0	4.0
1957	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1958	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1959	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1960	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1961	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1962	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1963	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1964	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1965	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1966	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1967	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1968	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1969	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1970	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1971	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1972	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1973	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1974	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8
1975	4.4	4.4	5.5	4.7	4.0	4.0	3.4	3.4	3.0	3.0	3.7	3.8

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.25
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 291.00
 STANDARD DEVIATION OF HS(METRES)= 1.00
 STANDARD DEVIATION OF TP(SECONDS)= 1.66
 LARGEST HS(METRES)= 16.7
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 29.0
 AVE DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 69121321
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

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-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	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	1	1	1	1	1	1	1	1	1	1	1	1	1	4
1.0-1.9	13	56	18	10	3	3	5	15	5	1	1	1	1	1	1	1	1	1	136
2.0-2.9		13																	133
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	33	70	25	14	43	19	11	2	1	0									0
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-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4
1.0-1.9	18	68	29	1	5	5	1	1	1	1	1	1	1	1	1	1	1	1	104
2.0-2.9		29		1															32
3.0-3.9																			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	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-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1.0-1.9	3	68	42	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	144
2.0-2.9		42		1															47
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	8	121	3	1	1	1	1	3	0	1	1	1	1	1	1	1	1		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-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	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	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	145
1.0-1.9	3	51	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	146
2.0-2.9		51		1															36
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	3	95	8	5	3	6	1	1	0	0	0	0							72.
MEAN HS(M) =	2.8	LARGEST HS(M)=	4.9	MEAN TP(SEC)=	7.4	NO. OF CASES=	72.												

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	PEAK PERIOD(SECONDS)	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0.
1.0-1.9	3	15	3	3	3	3	1	.	.	.	.	.	21
2.0-2.9	.	22	3	.	.	.	.	.	.	.	.	.	22
3.0-3.9	.	.	6	6	.	.	.	.	.	.	.	.	12
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
TOTAL	3	37	12	7	3	0	1	0	0	0	0	0	0
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) = 90.0													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	PEAK PERIOD(SECONDS)	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0.
1.0-1.9	10	6	.	.	.	.	.	.	.	.	.	.	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
TOTAL	0	16	0	0	0	0	0	0	0	0	0	0	0
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) = 112.5													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	PEAK PERIOD(SECONDS)	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0.
1.0-1.9	10	6	.	.	.	.	.	.	.	.	.	.	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
TOTAL	0	10	0	0	0	0	0	0	0	0	0	0	0
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) = 135.0													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	PEAK PERIOD(SECONDS)	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0.
1.0-1.9	10	6	.	.	.	.	.	.	.	.	.	.	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
TOTAL	0	10	0	0	0	0	0	0	0	0	0	0	0
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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	PEAK PERIOD(SECONDS)	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0.
1.0-1.9	3	1	.	.	.	.	.	.	.	.	.	.	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
TOTAL	0	4	0	0	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.						

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	5	10	.	.	.	.	.	.	.	15
3.0-3.9	.	5	8	.	.	.	.	.	.	.	11
4.0-4.9	.	3	8	.	.	.	.	.	.	.	0
5.0-5.9	.	3	3	.	.	.	.	.	.	.	0
6.0-6.9	.	1	3	.	.	.	.	.	.	.	0
7.0-7.9	.	1	3	.	.	.	.	.	.	.	0
8.0-8.9	.	1	3	.	.	.	.	.	.	.	0
9.0-9.9	.	1	3	.	.	.	.	.	.	.	0
10.0+	0	8	18	0	0	0	0	0	0	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 TPI(SEC)= 8.1	NO. OF CASES=	16.							
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	1	1	1	1	1	1	1	1	1	8
3.0-3.9	.	8	13	3	.	.	.	.	.	.	23
4.0-4.9	.	3	6	1	1	1	1	1	1	1	24
5.0-5.9	.	1	3	1	1	1	1	1	1	1	25
6.0-6.9	.	1	3	1	1	1	1	1	1	1	25
7.0-7.9	.	1	3	1	1	1	1	1	1	1	25
8.0-8.9	.	1	3	1	1	1	1	1	1	1	25
9.0-9.9	.	1	3	1	1	1	1	1	1	1	25
10.0+	0	12	21	10	1	0	1	0	0	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 TPI(SEC)= 8.9	NO. OF CASES=	31.							
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	17	.	.	.	.	.	.	.	0
2.0-2.9	.	10	1	22	1	1	3	6	.	.	12
3.0-3.9	.	37	10	6	1	1	5	10	.	.	23
4.0-4.9	.	1	17	1	1	1	10	.	.	.	29
5.0-5.9	.	3	.	.	1	1	.	.	.	.	24
6.0-6.9	.	1	3	.	1	.	.	.	.	.	0
7.0-7.9	.	1	3	.	1	.	.	.	.	.	0
8.0-8.9	.	1	3	.	1	.	.	.	.	.	0
9.0-9.9	.	1	3	.	1	.	.	.	.	.	0
10.0+	0	48	48	29	3	18	6	0	0	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 TPI(SEC)= 9.1	NO. OF CASES=	94.							
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	17	.	.	.	.	.	.	.	0
2.0-2.9	.	10	1	22	1	1	3	6	.	.	12
3.0-3.9	.	37	10	6	1	1	5	10	.	.	23
4.0-4.9	.	1	17	1	1	1	10	.	.	.	29
5.0-5.9	.	3	.	.	1	1	.	.	.	.	24
6.0-6.9	.	1	3	.	1	.	.	.	.	.	0
7.0-7.9	.	1	3	.	1	.	.	.	.	.	0
8.0-8.9	.	1	3	.	1	.	.	.	.	.	0
9.0-9.9	.	1	3	.	1	.	.	.	.	.	0
10.0+	0	48	48	29	3	18	6	0	0	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 TPI(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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	11	1	8	18	.	.	.	.	.	.	11
2.0-2.9	6	3	25	42	18	8	6	.	.	.	168
3.0-3.9	.	27	27	30	17	47	17	.	.	.	168
4.0-4.9	.	1	3	8	15	34	14	.	.	.	64
5.0-5.9	.	1	25	3	6	17	5	.	.	.	54
6.0-6.9	.	1	3	.	1	.	5	.	.	.	0
7.0-7.9	.	1	3	.	1	.	5	.	.	.	0
8.0-8.9	.	1	3	.	1	.	5	.	.	.	0
9.0-9.9	.	1	3	.	1	.	5	.	.	.	0
10.0+	17	32	68	101	76	106	17	0	0	0	0
TOTAL	17	32	68	101	76	106	17	0	0	0	0
MEAN HS(M) = 3.4	LARGEST HS(M)= 6.3	MEAN TPI(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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	8	5	25									51
1.0-1.9	30	100	228	78	68	13						1293
2.0-2.9	27	63	191	219	610	308	95					1548
3.0-3.9	.	49	47	63	297	889	200	3				850
4.0-4.9	.	1	15	25	47	318	443					171
5.0-5.9	.	.	.	.	.	18	138	17				43
6.0-6.9	.	.	.	.	.	.	42					0
7.0-7.9	.	.	.	.	.	.						0
8.0-8.9	.	.	.	.	.							0
9.0-9.9	.	.	.	.	.							0
10.0+	.	.	.	.	.							0
TOTAL	65	218	526	385	1022	1576	921	21	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	73	126	138	13	13	13	136	20	6	.	.	364
1.0-1.9	1423	3854	9140	3908	1988	470	1014	51	.	.	.	21005
2.0-2.9	1343	3832	4789	5649	8770	5592	3964	189	.	.	.	18647
3.0-3.9	.	3242	1024	465	2631	1432	3915	422	.	.	.	7185
4.0-4.9	.	147	1045	53	140	1463	800	605	.	.	.	1725
5.0-5.9	.	.	169	61	5	85	70	142	.	.	.	243
6.0-6.9	.	.	3	18	.	.	70	42	.	.	.	43
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2858	13841	16308	10167	13555	14743	9899	1471	7	0		48432.
MEAN HS(M) = 2.7	LARGEST HS(M) = 7.5	MEAN TP(SEC) = 10.3	NO. OF CASES = 48432.									

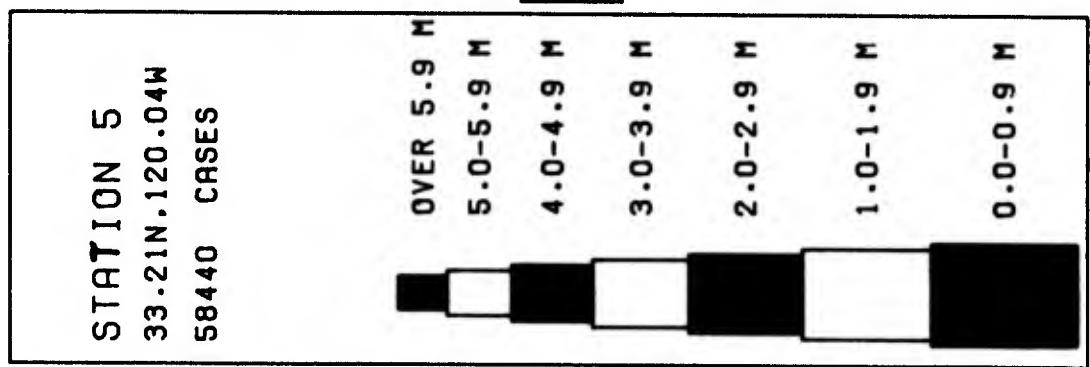
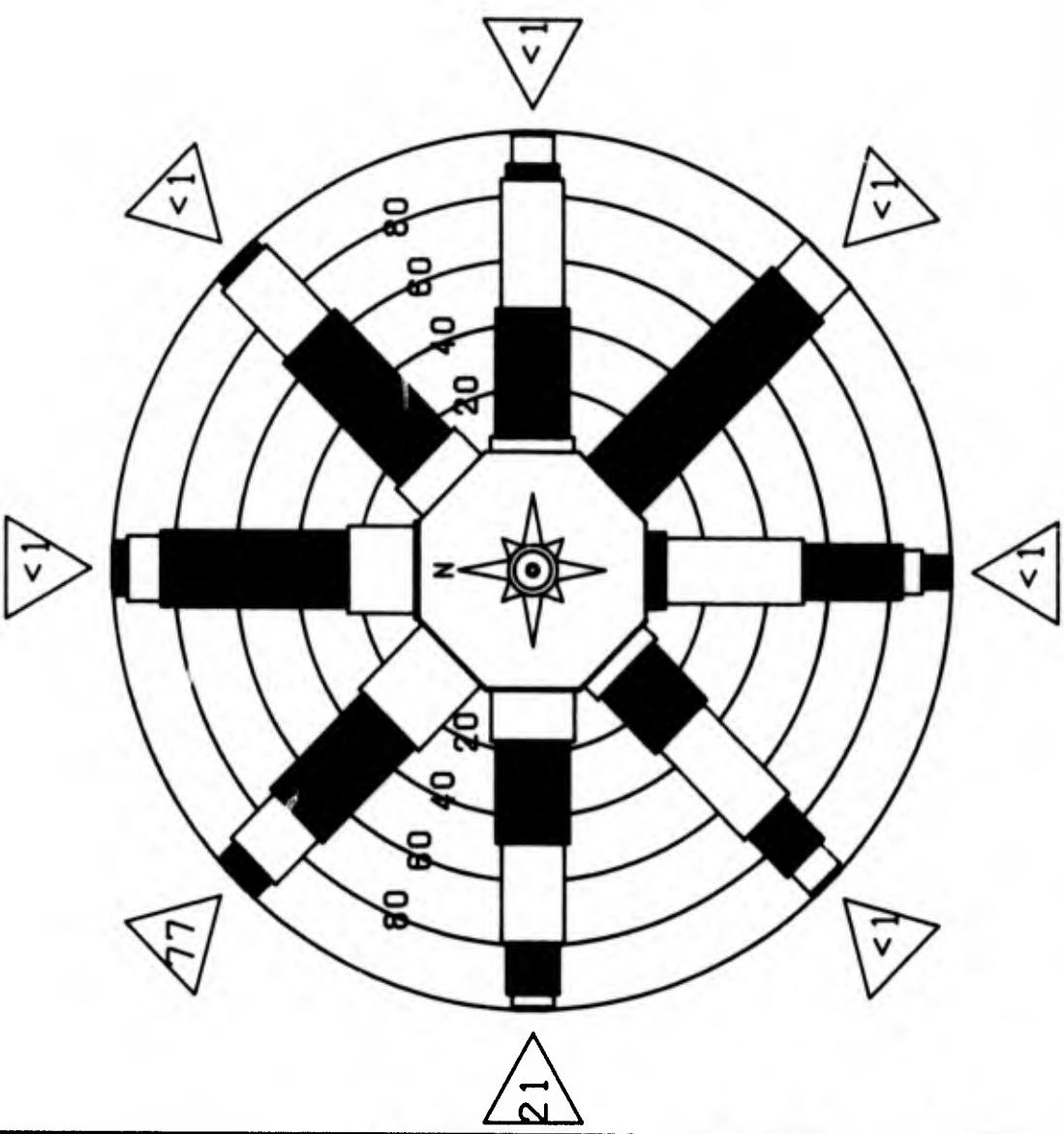
STATION 5 33.21N 120.04W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6	47	13									66
1.0-1.9	965	1156	1093	311	183	143	68	.	.	.	.	3919
2.0-2.9	501	1235	658	711	616	302	42	.	.	.	.	4065
3.0-3.9	.	338	212	85	371	501	85	6	.	.	.	1505
4.0-4.9	.	11	52	26	13	50	87	83	12	.	.	2605
5.0-5.9	.	.	5	3	3	6	36	22	.	.	.	73
6.0-6.9	.	.	.	1	.	.	1	3	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1472	2787	2034	1130	1186	1039	313	42	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1		1									2
1.0-1.9	114	111	65	36	11	11	1	.	.	.	1	4522
2.0-2.9	80	132	56	83	68	24	8	13	4	.	.	1037
3.0-3.9	.	3	1	11	20	27	.	1	.	.	.	27
4.0-4.9	.	.	.	.	.	8	13	1	.	.	.	0
5.0-5.9	.	.	.	.	.	.	3	1	.	.	.	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
TOTAL	195	161	123	133	99	90	34	5	1	0		503.
MEAN HS(M) = 2.4	LARGEST HS(M) = 6.1	MEAN TP(SEC) = 8.7	NO. OF CASES = 503.									

HEIGHT(METRES)	STATION 53321N 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- 16.1	16.2- 22.2	22.3- LONGER	
0. - 0.9	10	17	18	1	1	1	1	1	1	1	48
1.0-1.9	259	518	1058	436	225	65	21	2	1	1	2584
2.0-2.9	199	813	574	674	1014	627	118	15	15	15	6024
3.0-3.9	.	389	135	66	336	861	426	20	20	20	2233
4.0-4.9	.	18	115	11	21	192	446	44	44	44	847
5.0-5.9	.	.	21	7	1	12	98	64	64	64	203
6.0-6.9	.	.	2	.	.	12	12	14	14	14	28
7.0-7.9	.	.	.	.	.	.	4	.	.	.	4
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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
WIS STATION 5 (33.21N 120.04W)

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	2.9	3.2	2.8	2.6	2.3	2.7	2.0	2.2	1.6	1.9	2.4	2.0
1957	2.9	3.7	2.7	2.7	2.3	2.3	2.6	2.1	1.6	1.7	2.0	2.1
1958	2.9	4.0	2.7	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1959	2.9	4.3	2.8	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1960	2.9	4.6	2.8	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1961	2.6	4.4	2.7	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1962	3.5	4.8	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1963	3.5	5.8	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1964	3.0	5.3	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1965	3.0	5.3	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1966	2.7	4.9	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1967	2.7	4.9	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1968	2.7	4.7	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1969	2.8	4.1	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1970	2.8	4.1	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1971	2.8	4.1	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1972	2.8	4.1	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1973	2.9	4.0	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1974	2.9	4.0	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
1975	3.0	4.4	3.1	2.7	2.3	2.3	2.7	2.1	1.6	1.4	2.0	2.1
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

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

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	4.3	4.3	6.8	5.1	3.9	4.3	3.2	5.5	2.8	3.2	4.1	4.0
1957	4.5	6.4	4.6	4.9	3.5	4.6	3.6	5.1	3.1	4.5	4.1	4.6
1958	5.4	6.6	4.4	4.9	3.1	4.7	3.7	5.2	3.0	4.6	4.4	4.6
1959	5.4	6.5	4.5	4.5	3.1	4.7	3.7	5.2	3.0	4.6	4.4	4.6
1960	4.7	5.0	4.3	4.3	3.1	4.7	3.7	5.2	3.0	4.6	4.4	4.6
1961	5.6	5.0	5.3	4.3	3.1	4.6	3.6	5.1	3.0	4.6	4.4	4.6
1962	4.1	5.6	5.5	4.5	3.1	4.6	3.6	5.1	3.0	4.6	4.4	4.6
1963	5.9	5.5	5.4	4.5	3.1	4.6	3.6	5.1	3.0	4.6	4.4	4.6
1964	6.2	4.7	5.2	4.6	3.1	4.6	3.6	5.1	3.0	4.6	4.4	4.6
1965	6.6	4.8	4.4	4.4	3.1	4.6	3.6	5.1	3.0	4.6	4.4	4.6
1966	5.9	5.2	4.1	4.1	3.1	4.9	3.4	5.4	3.0	4.6	4.4	4.6
1967	5.0	4.6	4.4	4.4	3.1	4.9	3.4	5.4	3.0	4.6	4.4	4.6
1968	4.3	4.2	4.0	4.0	3.1	4.9	3.4	5.0	3.0	4.6	4.4	4.6
1969	5.5	5.2	4.2	4.0	3.1	4.9	3.4	5.0	3.0	4.6	4.4	4.6
1970	5.3	5.4	4.2	4.0	3.1	4.9	3.4	5.0	3.0	4.6	4.4	4.6
1971	4.7	4.8	4.4	4.0	3.1	4.9	3.4	5.0	3.0	4.6	4.4	4.6
1972	5.8	4.4	5.6	4.4	3.1	4.9	3.4	5.7	3.1	5.4	5.2	5.4
1973	5.8	5.6	5.6	4.9	3.1	4.6	3.4	5.7	3.1	5.4	5.2	5.4
1974	5.0	5.1	5.6	3.8	5.3	5.9	3.4	2.8	2.4	3.9	4.1	4.1

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

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 T(PSECONDS)= 2.6
 LARGEST HS(METRES)= 7.9
 IP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 291.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 69121318

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	1	15	6	5	5	5	1	1	0	0	3
1.0-1.9	37	3	13	23	25	11	5	1	1	0	0	150
2.0-2.9	30	35	5	1	10	15	5	5	5	0	0	100
3.0-3.9	.	.	.	.	.	.	.	6	5	0	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	70	41	28	30	35	21	15	0	0	0	0	0
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) = 0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	1	15	6	5	5	5	1	1	0	0	3
1.0-1.9	41	28	5	3	13	8	6	1	1	0	0	107
2.0-2.9	18	.	.	.	.	.	.	.	.	0	0	34
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	66	47	5	3	29	12	6	0	0	0	0	0
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) = 22.5												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	1	15	6	5	5	5	1	1	0	0	3
1.0-1.9	41	28	5	3	13	8	6	1	1	0	0	107
2.0-2.9	18	.	.	.	.	.	.	.	.	0	0	34
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	66	47	5	3	29	12	6	0	0	0	0	0
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												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	1	15	6	5	5	5	1	1	0	0	3
1.0-1.9	41	28	5	3	13	8	6	1	1	0	0	107
2.0-2.9	18	.	.	.	.	.	.	.	.	0	0	34
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	50	82	1	1	6	9	3	2	0	0	0	0
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												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	1	15	6	5	5	5	1	1	0	0	3
1.0-1.9	41	28	5	3	13	8	6	1	1	0	0	107
2.0-2.9	18	.	.	.	.	.	.	.	.	0	0	34
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	11	168	1	6	3	3	0	1	0	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°59'N 119°83'W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												10
2.0-2.9												25
3.0-3.9												63
4.0-4.9												13
5.0-5.9												13
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	0	0
MEAN HS(M) =	3.2	LARGEST HS(M)=	5.8	MEAN TP(SEC)=	7.3	NO. OF CASES=						96.

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) = 112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												6
2.0-2.9												25
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	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.3	NO. OF CASES=						24.

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) = 135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												12
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	0	1	0	0	0	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	2.9	MEAN TP(SEC)=	7.1	NO. OF CASES=						6.

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) = 157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	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+												0
TOTAL	0	7	0	0	0	0	0	1	0	0	0	6.
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	7.6	NO. OF CASES=						

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0	
1.0-1.9	1	.	1	.	.	.	10	
2.0-2.9	.	1	13	.	.	.	.	.	.	.	10
3.0-3.9	.	1	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	0	7	22	6	1	0	1	0	0	0	21.	
MEAN HS(M) =	3.7	LARGEST HS(M)=	5.0	MEAN TP(SEC)=	8.5	NO. OF CASES=						

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0	
1.0-1.9	.	1	5	1	1	1	1	.	.	.	10	
2.0-2.9	.	10	10	10	10	10	10	10	10	10	21	
3.0-3.9	.	3	3	3	3	3	3	3	3	3	11	
4.0-4.9	.	1	1	1	1	1	1	1	1	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	0	14	20	12	2	0	3	0	0	0	34.	
MEAN HS(M) =	4.0	LARGEST HS(M)=	6.8	MEAN TP(SEC)=	9.0	NO. OF CASES=						

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0	
1.0-1.9	.	8	25	25	25	25	25	25	25	25	32	
2.0-2.9	.	10	10	10	10	10	10	10	10	10	43	
3.0-3.9	.	37	15	15	15	15	15	15	15	15	74	
4.0-4.9	.	6	15	15	15	15	15	15	15	15	30	
5.0-5.9	.	.	1	1	1	1	1	1	1	1	3	
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	114.	
MEAN HS(M) =	3.1	LARGEST HS(M)=	5.5	MEAN TP(SEC)=	9.1	NO. OF CASES=						

STATION 6 33°59'N 119°83'W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	11	3	53	25	25	25	25	25	25	25	14	
1.0-1.9	6	10	53	53	53	53	53	53	53	53	88	
2.0-2.9	.	27	34	34	34	34	34	34	34	34	218	
3.0-3.9	.	6	32	1	22	71	71	71	13	13	124	
4.0-4.9	.	.	.	1	6	75	16	16	5	5	62	
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	59	187	127	120	188	37	0	0	0	438.	
MEAN HS(M) =	3.2	LARGEST HS(M)=	6.3	MEAN TP(SEC)=	10.3	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	44	5	54	207	193	49	.	.	.	.	.	109	
1.0-1.9	51	167	668	347	751	431	140	.	.	.	.	117	
2.0-2.9	58	97	277	347	1018	231	5	.	.	.	.	101	
3.0-3.9	.	63	44	66	355	1018	231	.	.	.	.	1782	
4.0-4.9	.	1	11	10	47	326	456	8	.	.	.	659		
5.0-5.9	.	.	3	.	.	18	114	20	.	.	.	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	5	0	0	0		
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	208	451	463	29	41	1	.	.	.	.	.	1193	
1.0-1.9	1764	5309	11599	4695	2587	614	205	29	5	.	.	26807		
2.0-2.9	1423	5107	4132	5135	6096	6310	1139	28	5	.	.	22380		
3.0-3.9	.	2407	365	429	2275	6034	4147	224	.	.	.	17281		
4.0-4.9	.	177	787	85	99	1334	3600	444	.	.	.	626		
5.0-5.9	.	1	109	54	6	59	687	568	.	.	.	1284		
6.0-6.9	.	3	8	.	.	61	118	.	.	.	.	190	
7.0-7.9	.	3	.	.	.	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	0	0		
MEAN HS(M) =	2.5	LARGEST HS(M)=	7.5	MEAN TP(SEC)=	10.2	NO. OF CASES=	50212.							

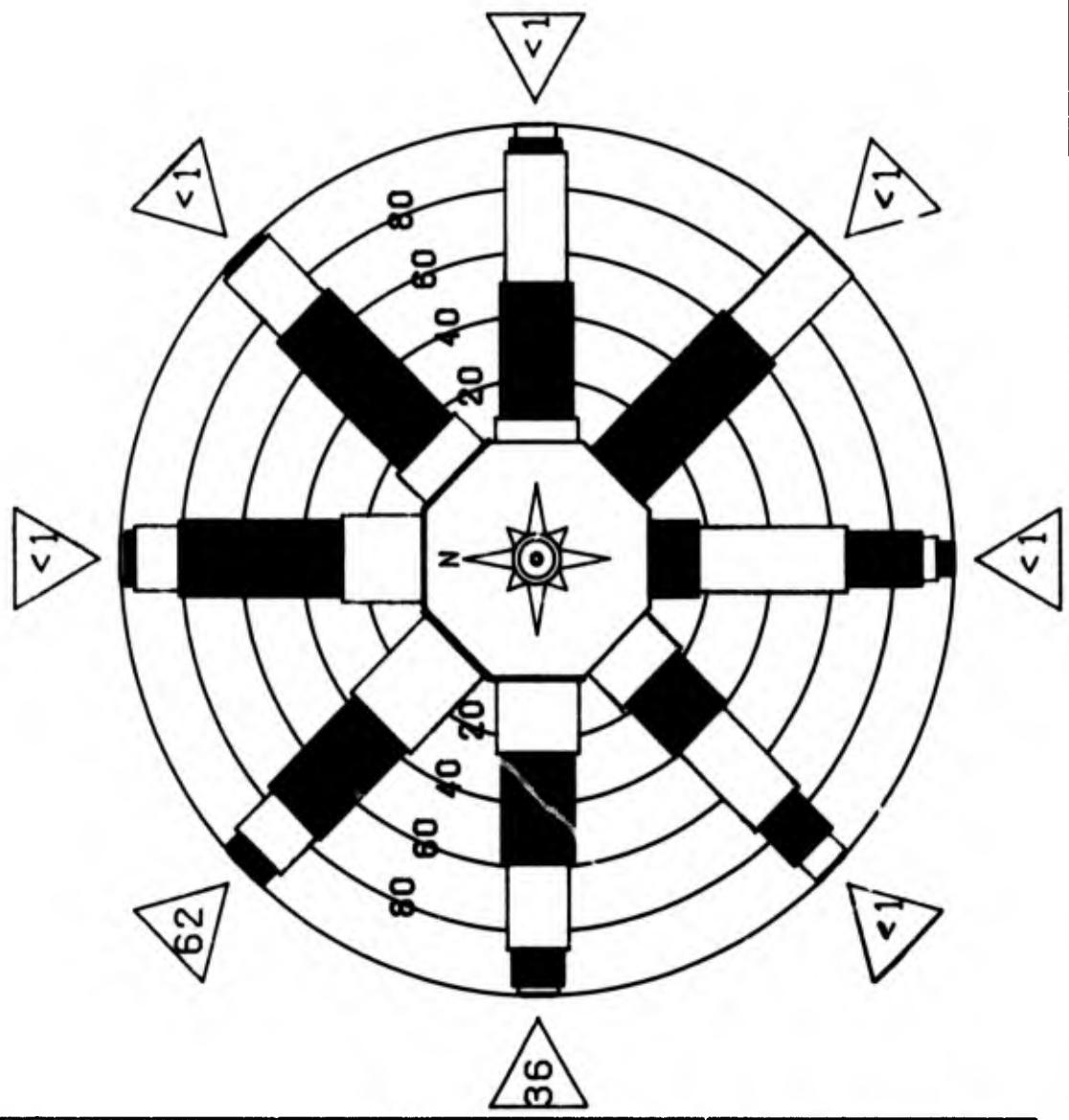
STATION 6 33.59N 119.83W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	10	17	11	169	18	1	3	.	.	.	.	60	
1.0-1.9	605	325	338	444	475	172	41	.	.	.	.	2610	
2.0-2.9	434	453	391	444	475	402	63	10	.	.	.	2930		
3.0-3.9	5	85	65	73	227	42	78	22	.	.	.	145		
4.0-4.9	.	5	8	3	6	42	.	.	.	.	.	31	
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	0	
6.0-6.9	.	.	.	.	.	.	5	.	.	.	.	0	
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	0	0		
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER			
0.-0.9	1	1	1	30	.	5	1	.	.	.	.	2	
1.0-1.9	145	13	43	56	59	44	8	1	.	.	.	328		
2.0-2.9	106	63	43	6	23	25	13	1	.	.	.	377		
3.0-3.9	.	13	.	.	.	6	10	1	.	.	.	64		
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	20	
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	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	252	89	80	92	85	80	33	3	0	0	0	427.		
MEAN HS(M) =	2.4	LARGEST HS(M)=	5.6	MEAN TP(SEC)=	8.4	NO. OF CASES=	427.							

HEIGHT(METRES)	STATION 6 33°59'N 119°83'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0. -0.9	28	47	53	2	6	21	3	3	1	1	136	136
1.0-1.9	265	585	1494	514	280	68	132	153	15	5	2686	2686
2.0-2.9	214	603	491	610	1049	701	132	153	15	5	3606	3606
3.0-3.9	.	286	115	62	295	838	447	24	24	24	2067	2067
4.0-4.9	.	21	86	10	17	179	414	46	46	46	773	773
5.0-5.9	.	.	16	9	1	8	81	63	63	63	176	176
6.0-6.9	.	.	.	1	.	8	1	1	1	1	22	22
7.0-7.9	.	.	.	.	.	.	3	3	3	3	3	3
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	507	1542	2015	1205	1648	1794	1106	155	0	0	58440.	
MEAN HS(M)=	2.5	LARGEST HS(M)=	7.5	MEAN TP(SEC)=	10.2							



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

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	2.6	3.0	2.7	2.5	2.3	2.1	1.9	1.6	1.4	1.8	2.0	2.7
1957	2.8	3.1	2.9	2.7	2.5	2.3	2.0	1.8	1.6	1.9	2.1	2.8
1958	2.9	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7	2.0	2.2	2.9
1959	3.0	3.3	3.1	2.9	2.7	2.5	2.2	2.0	1.8	2.1	2.3	3.0
1960	3.1	3.4	3.2	3.0	2.8	2.6	2.3	2.1	1.9	2.2	2.4	3.1
1961	3.2	3.5	3.3	3.1	2.9	2.7	2.4	2.2	2.0	2.3	2.5	3.2
1962	3.3	3.6	3.4	3.2	3.0	2.8	2.5	2.3	2.1	2.4	2.6	3.3
1963	3.4	3.7	3.5	3.3	3.1	2.9	2.6	2.4	2.2	2.5	2.7	3.4
1964	3.5	3.8	3.6	3.4	3.2	3.0	2.7	2.5	2.3	2.6	2.8	3.5
1965	3.6	3.9	3.7	3.5	3.3	3.1	2.8	2.6	2.4	2.7	2.9	3.6
1966	3.7	4.0	3.8	3.6	3.4	3.2	2.9	2.7	2.5	2.8	3.0	3.7
1967	3.8	4.1	3.9	3.7	3.5	3.3	3.0	2.8	2.6	2.9	3.1	3.8
1968	3.9	4.2	4.0	3.8	3.6	3.4	3.1	2.9	2.7	3.0	3.2	3.9
1969	4.0	4.3	4.1	3.9	3.7	3.5	3.2	3.0	2.8	3.1	3.3	4.0
1970	4.1	4.4	4.2	4.0	3.8	3.6	3.3	3.1	2.9	3.2	3.4	4.1
1971	4.2	4.5	4.3	4.1	3.9	3.7	3.4	3.2	3.0	3.3	3.5	4.2
1972	4.3	4.6	4.4	4.2	4.0	3.8	3.5	3.3	3.1	3.4	3.6	4.3
1973	4.4	4.7	4.5	4.3	4.1	3.9	3.6	3.4	3.2	3.5	3.7	4.4
1974	4.5	4.8	4.6	4.4	4.2	4.0	3.7	3.5	3.3	3.6	3.8	4.5
1975	4.6	4.9	4.7	4.5	4.3	4.1	3.8	3.6	3.4	3.7	3.9	4.6
MEAN	3.2	3.4	3.0	2.8	2.6	2.3	2.0	1.7	1.7	2.1	2.7	3.3

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

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	4.5	4.1	6.5	4.8	4.6	4.1	2.9	3.4	2.6	3.0	3.9	4.8
1957	4.6	4.2	6.6	4.9	4.7	4.2	3.0	3.5	2.7	3.1	4.0	4.9
1958	4.7	4.3	6.7	5.0	4.8	4.3	3.1	3.6	2.8	3.2	4.1	5.0
1959	4.8	4.4	6.8	5.1	4.9	4.4	3.2	3.7	2.9	3.3	4.2	5.1
1960	4.9	4.5	6.9	5.2	5.0	4.5	3.3	3.8	3.0	3.4	4.3	5.2
1961	5.0	4.6	7.0	5.3	5.1	4.6	3.4	3.9	3.1	3.5	4.4	5.3
1962	5.1	4.7	7.1	5.4	5.2	4.7	3.5	4.0	3.2	3.6	4.5	5.4
1963	5.2	4.8	7.2	5.5	5.3	4.8	3.6	4.1	3.3	3.7	4.6	5.5
1964	5.3	4.9	7.3	5.6	5.4	4.9	3.7	4.2	3.4	3.8	4.7	5.6
1965	5.4	5.0	7.4	5.7	5.5	5.0	3.8	4.3	3.5	3.9	4.8	5.7
1966	5.5	5.1	7.5	5.8	5.6	5.1	3.9	4.4	3.6	4.0	4.9	5.8
1967	5.6	5.2	7.6	5.9	5.7	5.2	4.0	4.5	3.7	4.1	5.0	5.9
1968	5.7	5.3	7.7	6.0	5.8	5.3	4.1	4.6	3.8	4.2	5.1	6.0
1969	5.8	5.4	7.8	6.1	5.9	5.4	4.2	4.7	3.9	4.3	5.2	6.1
1970	5.9	5.5	7.9	6.2	6.0	5.5	4.3	4.8	4.0	4.4	5.3	6.2
1971	6.0	5.6	8.0	6.3	6.1	5.6	4.4	4.9	4.1	4.5	5.4	6.3
1972	6.1	5.7	8.1	6.4	6.2	5.7	4.5	5.0	4.2	4.6	5.5	6.4
1973	6.2	5.8	8.2	6.5	6.3	5.8	4.6	5.1	4.3	4.7	5.6	6.5
1974	6.3	5.9	8.3	6.6	6.4	5.9	4.7	5.2	4.4	4.8	5.7	6.6
1975	6.4	6.0	8.4	6.7	6.5	6.0	4.8	5.3	4.5	4.9	5.8	6.7

20 YR. STATISTICS FOR PACIFIC STATION 6 (33.59N 119.83W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.3
 MEAN PEAK WAVE PERIOD (SECONDS)= 12.5
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 180
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.5
 LARGEST HS(METRES)= 6.7
 TP (SECONDS)= 12.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 180
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 1975,01,01,00
 69121321

HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	1	1	1	1	1	1	1	1	1	0	0	1
1.0-1.9	41	27	11	8	22	10	6	1	1	1	0	0	125
2.0-2.9	4	11	1	.	13	3	1	1	1	1	0	0	28
3.0-3.9	.	.	.	.	.	1	1	1	1	1	0	0	4
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	55	39	12	11	35	18	13	1	0	0	0	0	115.
MEAN HS(M) =	2.6	LARGEST HS(M)=	5.7	MEAN TP(SEC)=	8.7	NO. OF CASES=							
HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	3	1	1	1	1	1	1	1	1	1	0	0	1
1.0-1.9	10	1	1	1	1	1	1	1	1	1	0	0	1
2.0-2.9	22	18	3	3	11	3	3	3	3	3	0	0	20
3.0-3.9	1	6	1	1	5	3	3	3	3	3	0	0	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	36	25	4	3	16	14	4	0	0	0	0	0	65.
MEAN HS(M) =	2.6	LARGEST HS(M)=	6.0	MEAN TP(SEC)=	8.2	NO. OF CASES=							
HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	1	1	1	1	1	1	1	1	1	0	0	1
1.0-1.9	10	1	1	1	1	1	1	1	1	1	0	0	11
2.0-2.9	23	42	1	1	6	5	1	1	1	1	0	0	57
3.0-3.9	22	1	1	1	3	1	1	1	1	1	0	0	37
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	33	65	2	0	9	17	1	3	0	0	0	0	81.
MEAN HS(M) =	2.8	LARGEST HS(M)=	4.9	MEAN TP(SEC)=	7.8	NO. OF CASES=							
HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	1	1	1	1	1	1	1	1	1	0	0	1
1.0-1.9	10	1	1	1	1	1	1	1	1	1	0	0	11
2.0-2.9	23	42	1	1	6	5	1	1	1	1	0	0	57
3.0-3.9	22	1	1	1	3	1	1	1	1	1	0	0	37
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0	0
TOTAL	9	120	5	4	4	3	1	0	0	0	0	0	91.
MEAN HS(M) =	2.8	LARGEST HS(M)=	5.2	MEAN TP(SEC)=	7.1	NO. OF CASES=							

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	
0-0.9											0
1.0-1.9											1
2.0-2.9											2
3.0-3.9											3
4.0-4.9											4
5.0-5.9											5
6.0-6.9											6
7.0-7.9											7
8.0-8.9											8
9.0-9.9											9
10.0+											0
TOTAL	8	94	13	3	3	1	0	1	0	0	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	5.6	MEAN TP(SEC)=	7.5	NO. OF CASES=	76.				
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	
0-0.9											0
1.0-1.9											1
2.0-2.9											2
3.0-3.9											3
4.0-4.9											4
5.0-5.9											5
6.0-6.9											6
7.0-7.9											7
8.0-8.9											8
9.0-9.9											9
10.0+											0
TOTAL	0	41	7	11	1	0	0	1	0	0	0
MEAN HS(M) =	3.3	LARGEST HS(M)=	5.4	MEAN TP(SEC)=	8.1	NO. OF CASES=	39.				
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	
0-0.9											0
1.0-1.9											1
2.0-2.9											2
3.0-3.9											3
4.0-4.9											4
5.0-5.9											5
6.0-6.9											6
7.0-7.9											7
8.0-8.9											8
9.0-9.9											9
10.0+											0
TOTAL	0	6	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	3.1	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	7.0	NO. OF CASES=	4.				
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	
0-0.9											0
1.0-1.9											1
2.0-2.9											2
3.0-3.9											3
4.0-4.9											4
5.0-5.9											5
6.0-6.9											6
7.0-7.9											7
8.0-8.9											8
9.0-9.9											9
10.0+											0
TOTAL	1	6	0	0	1	0	1	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	22.2-	
0.0-0.9	0
1.0-1.9	0
2.0-2.9	0
3.0-3.9	0
4.0-4.9	.	8	10	.	.	.	.	1	.	.	.	1
5.0-5.9	.	5	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	0	13	18	0	0	0	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	22.2-	
0.0-0.9	0
1.0-1.9	.	3	6	1	1	1	1	1	1	1	1	1
2.0-2.9	.	5	2	3	1	1	1	1	1	1	1	1
3.0-3.9	.	1	2	3	1	1	1	1	1	1	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	0	9	32	14	3	0	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	22.2-	
0.0-0.9	.	.	11	.	.	.	.	.	.	.	.	0
1.0-1.9	.	15	11	20	5	3	6	.	.	.	.	50
2.0-2.9	.	4	13	15	1	1	1	.	.	.	.	55
3.0-3.9	.	10	20	8	1	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	66	53	38	11	26	12	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	22.2-	
0.0-0.9	11	1	34	25	.	.	.	.	.	.	.	12
1.0-1.9	15	16	24	24	93	25	.	.	.	.	.	196
2.0-2.9	1	27	37	27	73	102	6	.	.	.	.	275
3.0-3.9	.	10	35	10	8	70	30	.	.	.	.	109
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	30	59	162	124	140	205	47	0	0	0	0	470.
MEAN HS(M) =	3.4	LARGEST HS(M)=	6.7	MEAN TP(SEC)=	10.3	NO. OF CASES=	470.					

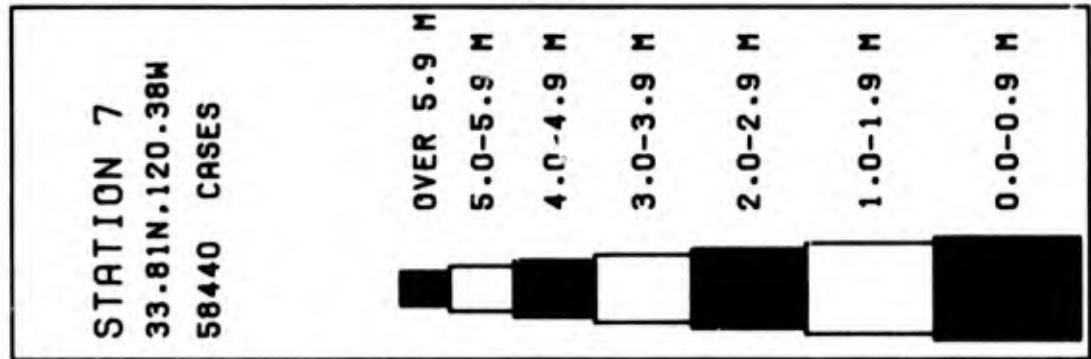
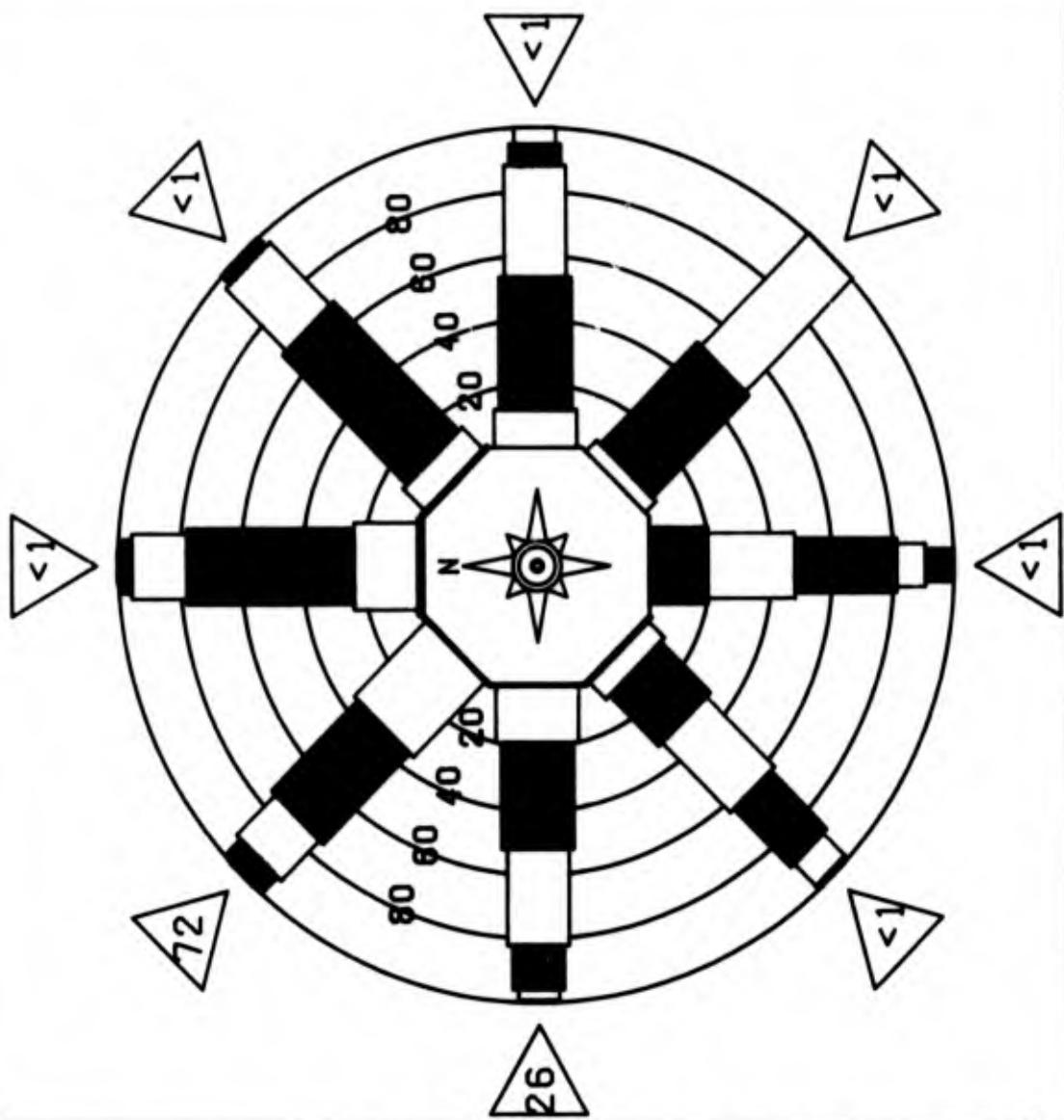
HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
	4.6-	6.0-	6.1-	6.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	18.1-	18.2-	22.2-	22.3-	LONGER
0.0-0.9	29	5	42	150	121	32	1	5	73
0.0-1.9	49	129	244	364	670	326	96	219	121	15	16	.	.	.	166	
0.0-2.9	.	83	16	11	51	393	450	121	15	11	.	.	.	.	933
0.0-3.9	.	.	.	.	.	27	6	.	.	.	.	.	.	.	184
0.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26
0.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	111	314	629	586	1238	1752	912	68	0	0	0	0	0	0	3290.	
MEAN HS(M) =	3.1	LARGEST HS(M)=	7.6	MEAN TP(SEC)=	11.3	NO. OF CASES=	3290.									

HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
	4.6-	6.0-	6.1-	6.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	18.1-	18.2-	22.2-	22.3-	LONGER
0.0-0.9	147	234	285	20	22	563	177	16	11	.	.	.	.	.	708
0.0-1.9	1461	4830	11050	4320	2465	6030	1111	111	11	.	.	.	.	.	24908
0.0-2.9	1333	5011	14454	5264	2093	6026	1103	1103	1103	224	224	224	224	224	12318	
0.0-3.9	5	2514	1053	1262	206	140	114	364	414	1	.	.	.	.	17834
0.0-4.9	179	67	106	73	10	114	764	554	133	.	.	.	.	.	6834
0.0-5.9	.	8	11	11	1	82	34	34	.	.	.	.	.	.	1629
0.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	230
0.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	36
0.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2945	12476	17762	10346	14280	15416	9816	1434	12	0	0	0	0	0	49391.	
MEAN HS(M) =	2.6	LARGEST HS(M)=	7.6	MEAN TP(SEC)=	10.3	NO. OF CASES=	49391.									

HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
	4.6-	6.0-	6.1-	6.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	18.1-	18.2-	22.2-	22.3-	LONGER
0.0-0.9	906	70	30	241	18	1	125
0.0-1.9	479	775	660	204	530	492	159	37	2765
0.0-2.9	3	77	201	109	242	264	66	1	3246
0.0-3.9	1	11	3	17	37	37	16	10	1032
0.0-4.9	.	.	.	.	.	.	.	13	23	1	.	.	.	.	34
0.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1396	1864	1506	892	847	557	195	35	0	0	0	0	0	0	4273.	
MEAN HS(M) =	2.2	LARGEST HS(M)=	6.3	MEAN TP(SEC)=	8.4	NO. OF CASES=	4273.									

HEIGHT(METRES)	STATION 7 33.81N 120.38W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
	4.6-	6.0-	6.1-	6.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	18.1-	18.2-	22.2-	22.3-	LONGER
0.0-0.9	132	15	37	11	57	5	1	.	.	.	.	.	.	.	.	205
0.0-1.9	65	41	45	41	27	32	10	.	.	.	.	.	.	.	.	272
0.0-2.9	3	3	5	8	21	30	8	1	.	.	.	.	.	.	.	86
0.0-3.9	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	15
0.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
0.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	204	59	91	62	75	73	24	0	0	0	0	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°8'N 120°38'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.0-	6.1-	8.9.5-	9.6-	10.6-	11.6-	13.4-	15.6-	18.2-	22.3-	
0.0-0.9	19	31	36	47	26	68	21	1	1	1	1	92
0.0-0.9	259	570	1210	633	1005	662	1327	262	420	805	2680	5841
0.0-0.9	204	635	1541	633	1005	662	1327	262	420	805	2123	816
0.0-0.9	1	261	141	158	1005	662	1327	262	420	805	197	25
0.0-0.9	.	24	65	16	9	15	93	61	14	3	1	0
0.0-0.9	.	1	1	1	.	10	10	10	10	10	10	0
0.0-0.9	.	1	1	1	.	1	1	1	1	1	1	0
0.0-0.9	.	1	1	1	.	1	1	1	1	1	1	0
TOTAL	483	1528	2032	1209	1666	1806	1101	152	1	0	0	0
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	
1956	2.9	3.1	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.9	2.4	2.6	2.7
1957	3.7	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1958	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1959	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1960	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1961	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1962	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1963	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1964	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1965	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1966	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1967	3.4	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1968	3.7	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1969	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1970	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1971	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1972	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1973	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1974	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
1975	3.0	3.0	2.7	2.5	2.4	2.6	2.9	2.1	1.5	1.7	2.0	2.2	2.4
MEAN	3.3	3.4	3.1	2.8	2.4	2.3	2.0	1.7	1.8	2.2	2.8	3.4	

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
1956	4.7	4.2	7.2	5.6	4.3	4.2	7	4	6	6	6	6.3
1957	6.3	4.6	4.7	7.6	4.1	4.0	4.4	4.4	4.6	4.6	4.6	4.6
1958	5.6	4.4	4.5	3.8	4.0	4.0	4.5	4.0	4.0	4.0	4.0	4.0
1959	4.4	4.4	4.5	3.8	4.0	4.0	4.5	4.0	4.0	4.0	4.0	4.0
1960	4.9	4.9	4.0	4.6	4.6	4.6	4.5	4.0	4.0	4.0	4.0	4.0
1961	5.0	4.4	4.5	4.0	4.0	4.0	4.5	4.0	4.0	4.0	4.0	4.0
1962	5.0	4.5	4.5	4.0	4.0	4.0	4.5	4.0	4.0	4.0	4.0	4.0
1963	5.5	5.0	5.0	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1964	5.0	5.0	5.0	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1965	5.0	5.0	5.0	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1966	5.0	5.0	5.0	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1967	5.0	5.0	5.0	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1968	4.6	4.6	4.9	5.1	5.1	5.1	4.6	4.6	4.6	4.6	4.6	4.6
1969	4.6	4.6	4.9	5.1	5.1	5.1	4.6	4.6	4.6	4.6	4.6	4.6
1970	5.0	5.0	5.0	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1971	4.9	4.9	4.9	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1972	4.9	4.9	4.9	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1973	4.9	4.9	4.9	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1974	4.9	4.9	4.9	4.7	4.7	4.7	5.0	4.7	4.7	4.7	4.7	4.7
1975	5.1	5.0	5.0	4.4	4.5	4.4	5.2	4.8	4.8	4.8	4.8	4.8

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.4
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.0
 LARGEST HS(METRES)= 7.0
 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) = 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-	8.1-	9.5-	10.6-	10.5-	11.6-	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																		2
2.0-2.9																		2
3.0-3.9																		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	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=												

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-	8.1-	9.5-	10.6-	10.5-	11.6-	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																		3	
2.0-2.9																		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	
10.0+																		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=													

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-	8.1-	9.5-	10.6-	10.5-	11.6-	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																		2	
2.0-2.9																		14	
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	38	5	0	10	1	1	0	0	0	0							37.	
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.7	MEAN TP(SEC)=	7.9	NO. OF CASES=													

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-	8.1-	9.5-	10.6-	10.5-	11.6-	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																		4	
2.0-2.9																		26	
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	55	7	1	3	5	0	0	0	0	0							48.	
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.4	NO. OF CASES=													

HEIGHT(METRES)	STATION 8 34.01N 120.92W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	2	10	3	.	.	.	.	.	.	41
2.0-2.9	.	13	8	.	.	.	.	.	1	.	21
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	39	18	4	0	0	0	1	0	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=					
HEIGHT(METRES)	STATION 8 34.01N 120.92W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	3	12	.	6	.	.	.	.	.	.	0
1.0-1.9	.	15	5	.	3	.	.	.	.	.	16
2.0-2.9	.	5	5	10	.	.	.	1	.	.	10
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+	3	46	8	19	3	0	0	4	0	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=					
HEIGHT(METRES)	STATION 8 34.01N 120.92W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	3	.	.	1	.	.	.	.	.	4
2.0-2.9	.	13	.	.	.	.	.	.	.	.	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	16	0	0	1	0	0	0	0	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=					
HEIGHT(METRES)	STATION 8 34.01N 120.92W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	i	5	i	.	i	.	.	.	.	.	7
2.0-2.9	.	6	i	.	.	.	.	.	.	.	0
3.0-3.9	.	.	i	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	i	11	i	0	i	0	0	0	0	0	10.
TOTAL	i	11	i	0	i	0	0	0	0	0	
MEAN HS(M) =	2.9	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	7.3	NO. OF CASES=					

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	0
1.0-1.9	1	.	1	.	.	0
2.0-2.9	.	8	5	.	.	.	.	.	.	.	.	1
3.0-3.9	.	1	10	.	.	.	.	.	1	.	.	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	0	14	21	0	1	0	2	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	1	10	.	.	1	3	.	.	.	16
2.0-2.9	5	5	4	27	.	.	1	3	.	.	.	28
3.0-3.9	1	1	2	3	.	.	1	3	.	.	.	4
4.0-4.9	1	1	1	1	.	.	1	3	.	.	.	0
5.0-5.9	1	1	1	1	.	.	1	3	.	.	.	0
6.0-6.9	1	1	1	1	.	.	1	3	.	.	.	0
7.0-7.9	1	1	1	1	.	.	1	3	.	.	.	0
8.0-8.9	1	1	1	1	.	.	1	3	.	.	.	0
9.0-9.9	1	1	1	1	.	.	1	3	.	.	.	0
10.0+	1	1	1	1	.	.	1	3	.	.	.	0
TOTAL	1	7	34	11	9	1	3	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	3	.	.	.	.	.	.	.	.	.	.	3
1.0-1.9	3	20	15	23	5	3	1	3	.	.	.	70
2.0-2.9	3	46	17	25	5	3	1	3	.	.	.	60
3.0-3.9	8	45	10	17	5	3	1	3	.	.	.	24
4.0-4.9	8	15	4	5	10	1	3	1	3	.	.	0
5.0-5.9	8	15	4	5	10	1	3	1	3	.	.	0
6.0-6.9	8	15	4	5	10	1	3	1	3	.	.	0
7.0-7.9	8	15	4	5	10	1	3	1	3	.	.	0
8.0-8.9	8	15	4	5	10	1	3	1	3	.	.	0
9.0-9.9	8	15	4	5	10	1	3	1	3	.	.	0
10.0+	6	74	82	42	30	17	10	0	0	0	0	0
TOTAL	6	74	82	42	30	17	10	0	0	0	0	159.
MEAN HS(M) =	3.7	LARGEST HS(M)=	7.0	MEAN TP(SEC)=	9.1	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	6	.	.	.	.	.	.	.	.	.	.	6
1.0-1.9	11	47	37	22	58	47	.	.	.	.	.	109
2.0-2.9	11	22	34	22	120	150	6	.	.	.	.	590
3.0-3.9	11	22	34	22	120	150	6	.	.	.	.	128
4.0-4.9	1	32	1	10	10	27	49	.	.	.	.	129
5.0-5.9	1	32	1	10	10	27	49	.	.	.	.	0
6.0-6.9	1	32	1	10	10	27	49	.	.	.	.	0
7.0-7.9	1	32	1	10	10	27	49	.	.	.	.	0
8.0-8.9	1	32	1	10	10	27	49	.	.	.	.	0
9.0-9.9	1	32	1	10	10	27	49	.	.	.	.	0
10.0+	20	115	212	150	230	340	66	0	0	0	0	672.
TOTAL	20	115	212	150	230	340	66	0	0	0	0	
MEAN HS(M) =	3.4	LARGEST HS(M)=	6.4	MEAN TP(SEC)=	10.5	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	8	3	39	179	104	11	3	1	1	1	1	61
1.0-1.9	47	73	203	362	266	419	152	10	1	1	1	2101
2.0-2.9	53	71	258	362	444	369	154	10	1	1	1	1704
3.0-3.9	.	78	27	77	77	456	183	68	10	1	1	1153
4.0-4.9	.	5	8	11	32	183	68	10	1	1	1	283
5.0-5.9	.	.	.	.	1	18	18	10	1	1	1	37
6.0-6.9	.	.	.	.	8	8	8	10	1	1	1	8
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	108	230	535	644	1391	1964	1273	108	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	87	100	201	10	6	1	154	20	5	1	1	405
1.0-1.9	1014	3039	9224	3750	2231	573	1018	54	5	1	1	2071
2.0-2.9	1078	4808	4158	5321	8689	5605	1785	205	5	1	1	1779
3.0-3.9	.	2488	862	595	2808	1756	3648	415	1	1	1	6912
4.0-4.9	.	119	42	42	162	120	721	126	1	1	1	1524
5.0-5.9	.	1	106	30	1	1	91	126	1	1	1	232
6.0-6.9	.	.	3	5	1	1	49	1	1	1	1	50
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2179	10555	15349	9755	13897	15091	9454	1408	5	0	0	
MEAN HS(M) =	2.7	LARGEST HS(M)=	7.6	MEAN TP(SEC)=	10.5	NO. OF CASES=	45418.					

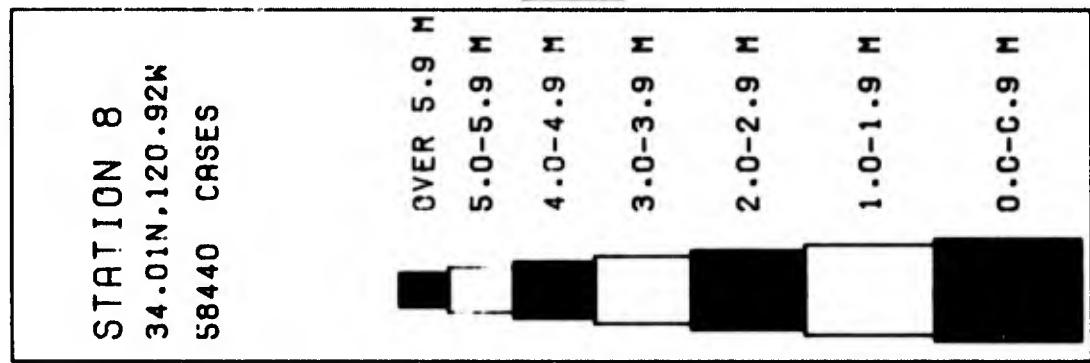
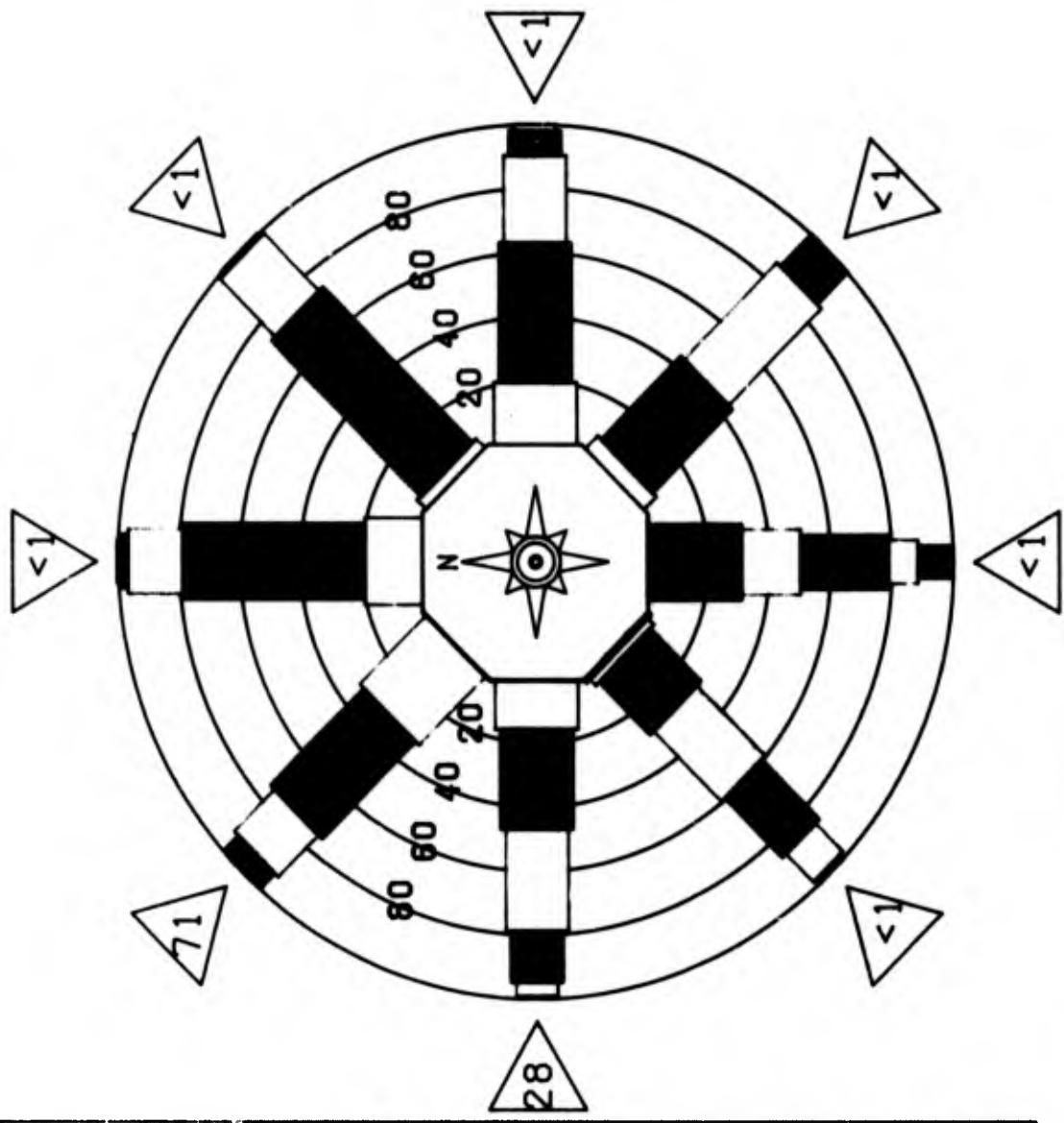
STATION 8 34.01N 120.92W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	10	47	35	1	138	94	53	1	1	1	1	93
1.0-1.9	1526	1548	1326	280	138	94	53	1	1	1	1	4965
2.0-2.9	1084	2438	1202	642	412	162	222	1	1	1	1	6988
3.0-3.9	.	580	417	165	412	104	223	1	1	1	1	1921
4.0-4.9	.	25	147	27	37	17	17	1	1	1	1	366
5.0-5.9	.	.	13	20	6	17	17	1	1	1	1	74
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	2620	4638	3140	1137	1114	702	153	4	1	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	1	1	1	1	1	1	1	1	1	1	1
1.0-1.9	77	3	1	1	1	1	1	1	1	1	1	82
2.0-2.9	83	73	39	8	25	15	5	1	1	1	1	248
3.0-3.9	1	29	13	5	11	10	6	1	1	1	1	69
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	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	162	105	52	14	36	32	9	1	0	0	0	247.
MEAN HS(M) =	2.5	LARGEST HS(M)=	5.4	MEAN TP(SEC)=	7.7	NO. OF CASES=	247.					

HEIGHT(METRES)	STATION 8 34.0IN 120.92W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.5-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	4.6-0	6.1-0	8.1-5	9.5-5	10.5-5	11.7-7	13.3-3	15.3-3	18.1-1	22.2-2	55
1.0-1.9	11	15	27	1	247	70	21	4	1	1	2585
2.0-2.9	269	473	1079	624	1011	629	123	21	1	1	4300
3.0-3.9	235	756	574	645	382	855	414	21	1	1	3900
4.0-4.9	.	335	140	69	353	242	427	63	1	1	2236
5.0-5.9	.	17	108	11	32	20	100	61	1	1	881
6.0-6.9	.	.	17	6	2	12	61	14	1	1	206
7.0-7.9	.	.	.	1	.	1	4	1	1	1	27
8.0-8.9	.	.	.	.	.	.	.	.	1	1	5
9.0-9.9	.	.	.	.	.	.	.	.	1	1	0
10.0+	.	.	.	.	.	.	.	.	0	0	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=					



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 8 (34.01N 120.92W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.0	3.2	3.0	2.6	2.3	2.7	2.0	2.2	1.6	2.0	2.4	2.7	2.4
1957	3.5	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.5	2.5
1958	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1959	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1960	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1961	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1962	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1963	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1964	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1965	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1966	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1967	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1968	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1969	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1970	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1971	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1972	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1973	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1974	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
1975	3.6	3.0	2.7	2.4	2.0	2.7	2.0	2.4	1.6	2.0	2.4	2.6	2.6
MEAN	3.3	3.4	3.2	2.9	2.5	2.4	2.1	1.8	1.8	2.2	2.6	3.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 8 (34.01N 120.92W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1969	4.9	4.2	6.5	5.0	3.9	4.1	2.9	2.9	2.7	2.9	3.0	3.9
1970	6.5	6.3	4.0	5.4	3.6	3.6	2.9	2.9	2.7	2.9	3.0	3.9
1971	7.7	6.7	4.7	5.9	4.0	4.4	3.4	3.4	3.2	3.4	3.5	3.9
1972	5.2	5.9	4.5	4.8	3.6	3.6	2.9	2.9	2.7	2.9	3.0	3.3
1973	4.0	4.3	4.9	4.0	3.9	4.7	3.4	3.4	3.2	3.4	3.7	4.0
1974	5.9	5.4	5.1	5.3	4.7	4.7	3.4	3.4	3.2	3.4	3.6	4.0
1975	6.1	5.1	5.1	5.3	4.7	4.7	3.4	3.4	3.2	3.4	3.6	4.0
MEAN	5.3	5.2	5.0	4.9	4.9	5.2	3.4	3.4	3.2	3.4	3.5	3.9

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.7
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 4.9
 LARGEST HS(METRES)= 7.7
 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

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-	8.1-	8.9.5	9.6-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	1	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	6	1	3	15	6	1	.	.	1	.	.	6	1
2.0-2.9	.	5	1	.	5	1	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	7	14	2	3	21	12	2	0	1	0	0	0	0	0
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-	8.1-	8.9.5	9.6-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	1	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	29	1	1	.	.	6	.	5	.	.	.	.	43
2.0-2.9	3	3	1	.	.	5	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	3	33	2	0	11	0	5	0	0	0	0	0	0	0
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-	8.1-	8.9.5	9.6-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	1	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	1	.	.	1	1	1	1	.	.	.	.	16
2.0-2.9	1	1	5	.	3	3	3	3	1	.	.	.	.	13
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	6	13	5	0	4	3	1	0	0	0	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-	8.1-	8.9.5	9.6-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	1	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	i	2	5	3	1	.	1	.	.	.	.	.	.	27
2.0-2.9	1	2	1	1	.	.	1	.	.	.	.	.	.	10
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	1	34	6	3	1	2	0	0	0	0	0	0	0	31.
MEAN HS(M) =	2.6	LARGEST HS(M)=	4.1	MEAN TP(SEC)=	7.5	NO. OF CASES=	31.							

HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	1	.	3	.	.	.	.	.	0
1.0-1.9	.	13	18	3	.	.	.	.	.	.	36
2.0-2.9	.	5	1	.	.	.	.	1	.	.	1
3.0-3.9	.	13	1	.	.	.	.	.	.	.	1
4.0-4.9	.	5	11	.	.	.	.	5	.	.	16
5.0-5.9	.	13	1	.	.	.	.	.	.	.	1
6.0-6.9	.	5	1	.	.	.	.	.	.	.	0
7.0-7.9	.	13	1	.	.	.	.	.	.	.	0
8.0-8.9	.	5	1	.	.	.	.	.	.	.	0
9.0-9.9	.	13	1	.	.	.	.	.	.	.	0
10.0+	.	5	1	.	.	.	.	.	.	.	0
TOTAL	0	29	18	6	0	0	0	1	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	4.9	MEAN TP(SEC)=	8.0	NO. OF CASES=	34.				
HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	18	1	3	.	.	.	.	.	.	0
1.0-1.9	15	1	1	.	.	.	.	5	.	.	21
2.0-2.9	13	1	5	11	.	.	.	.	.	.	16
3.0-3.9	5	1	1	.	.	.	.	.	.	.	0
4.0-4.9	13	1	1	.	.	.	.	.	.	.	0
5.0-5.9	5	1	1	.	.	.	.	.	.	.	0
6.0-6.9	13	1	1	.	.	.	.	.	.	.	0
7.0-7.9	5	1	1	.	.	.	.	.	.	.	0
8.0-8.9	13	1	1	.	.	.	.	.	.	.	0
9.0-9.9	5	1	1	.	.	.	.	.	.	.	0
10.0+	13	1	1	.	.	.	.	.	.	.	0
TOTAL	0	36	9	14	0	0	0	5	0	0	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	4.9	MEAN TP(SEC)=	8.4	NO. OF CASES=	40.				
HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	10	.	.	6	.	.	.	.	.	10
2.0-2.9	22	.	.	1	.	.	.	.	.	.	23
3.0-3.9	5	.	.	.	.	.	.	.	.	.	0
4.0-4.9	13	.	.	.	.	.	.	.	.	.	0
5.0-5.9	5	.	.	.	.	.	.	.	.	.	0
6.0-6.9	13	.	.	.	.	.	.	.	.	.	0
7.0-7.9	5	.	.	.	.	.	.	.	.	.	0
8.0-8.9	13	.	.	.	.	.	.	.	.	.	0
9.0-9.9	5	.	.	.	.	.	.	.	.	.	0
10.0+	13	.	.	.	.	.	.	.	.	.	0
TOTAL	0	32	0	0	6	0	0	0	0	0	0
MEAN HS(M) =	3.1	LARGEST HS(M)=	3.7	MEAN TP(SEC)=	7.8	NO. OF CASES=	23.				
HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	4	.	.	1	.	1	.	.	.	4
2.0-2.9	5	1	.	.	1	.	.	.	.	.	6
3.0-3.9	13	1	.	.	.	.	.	.	.	.	0
4.0-4.9	5	1	.	.	.	.	.	.	.	.	0
5.0-5.9	13	1	.	.	.	.	.	.	.	.	0
6.0-6.9	5	1	.	.	.	.	.	.	.	.	0
7.0-7.9	13	1	.	.	.	.	.	.	.	.	0
8.0-8.9	5	1	.	.	.	.	.	.	.	.	0
9.0-9.9	13	1	.	.	.	.	.	.	.	.	0
10.0+	5	1	.	.	.	.	.	.	.	.	0
TOTAL	0	8	1	0	1	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0
1.0-1.9	.	.	5	5	1	1	.	1	.	.	.	0
2.0-2.9	.	5	5	.	.	.	.	.	.	.	.	0
3.0-3.9	.	1	5	.	.	.	.	1	.	.	.	0
4.0-4.9	.	1	6	.	.	.	.	.	.	.	.	0
5.0-5.9	.	1	8	.	.	.	.	.	.	.	.	0
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	0	9	19	2	1	0	2	0	0	0	0	23.
MEAN HS(M) =	4.0	LARGEST HS(M)=	6.9	MEAN TP(SEC)=	9.0	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0
1.0-1.9	.	1	1	8	1	.	1	1	.	.	.	16
2.0-2.9	.	10	6	1	.	.	.	1	.	.	.	30
3.0-3.9	.	1	27	1	.	.	1	1	.	.	.	15
4.0-4.9	.	5	1	4	1	.	1	1	.	.	.	4
5.0-5.9	.	1	5	1	4	1	1	1	.	.	.	1
6.0-6.9	.	1	1	1	1	1	1	1	.	.	.	1
7.0-7.9	.	1	1	1	1	1	1	1	.	.	.	1
8.0-8.9	.	1	1	1	1	1	1	1	.	.	.	1
9.0-9.9	.	1	1	1	1	1	1	1	.	.	.	1
10.0+	0
TOTAL	0	14	41	10	15	3	5	0	0	0	0	58.
MEAN HS(M) =	4.3	LARGEST HS(M)=	8.1	MEAN TP(SEC)=	9.5	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	3	.	.	.	.	.	.	.	.	.	.	3
1.0-1.9	1	18	18	11	1	1	1	1	.	.	.	52
2.0-2.9	44	17	17	11	1	1	1	1	.	.	.	44
3.0-3.9	11	46	18	8	1	1	1	1	.	.	.	23
4.0-4.9	15	1	1	5	1	1	1	1	.	.	.	1
5.0-5.9	1	1	1	1	1	1	1	1	.	.	.	1
6.0-6.9	1	1	1	1	1	1	1	1	.	.	.	1
7.0-7.9	1	1	1	1	1	1	1	1	.	.	.	1
8.0-8.9	1	1	1	1	1	1	1	1	.	.	.	1
9.0-9.9	1	1	1	1	1	1	1	1	.	.	.	1
10.0+	1	1	1	1	1	1	1	1	.	.	.	1
TOTAL	4	73	96	49	18	22	9	0	0	0	0	166.
MEAN HS(M) =	3.8	LARGEST HS(M)=	7.3	MEAN TP(SEC)=	9.1	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	5	.	.	.	.	.	.	.	.	.	.	5
1.0-1.9	8	34	11	8	1	.	.	.	.	.	.	63
2.0-2.9	6	68	65	70	71	32	1	.	.	.	.	213
3.0-3.9	.	35	23	39	150	140	13	.	.	.	.	400
4.0-4.9	.	5	51	18	75	136	8	.	.	.	.	293
5.0-5.9	.	35	25	8	29	54	13	.	.	.	.	151
6.0-6.9	.	.	6	.	1	13	.	.	.	.	.	20
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	19	142	185	166	305	338	89	0	0	0	0	738.
MEAN HS(M) =	3.6	LARGEST HS(M)=	6.4	MEAN TP(SEC)=	10.6	NO. OF CASES=						

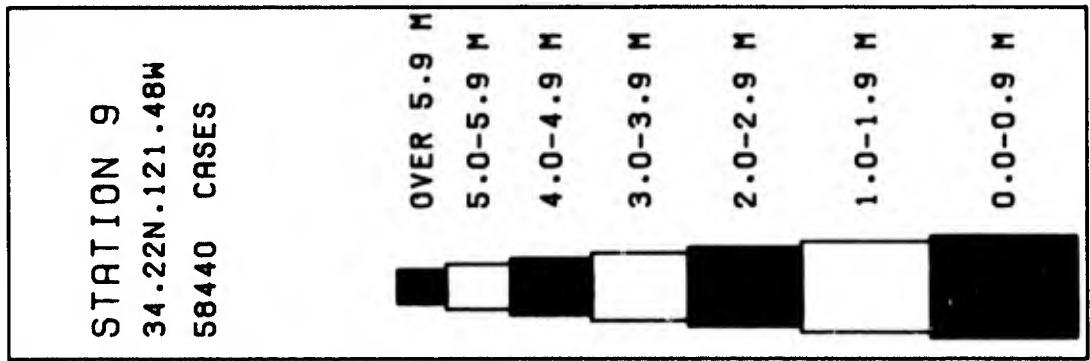
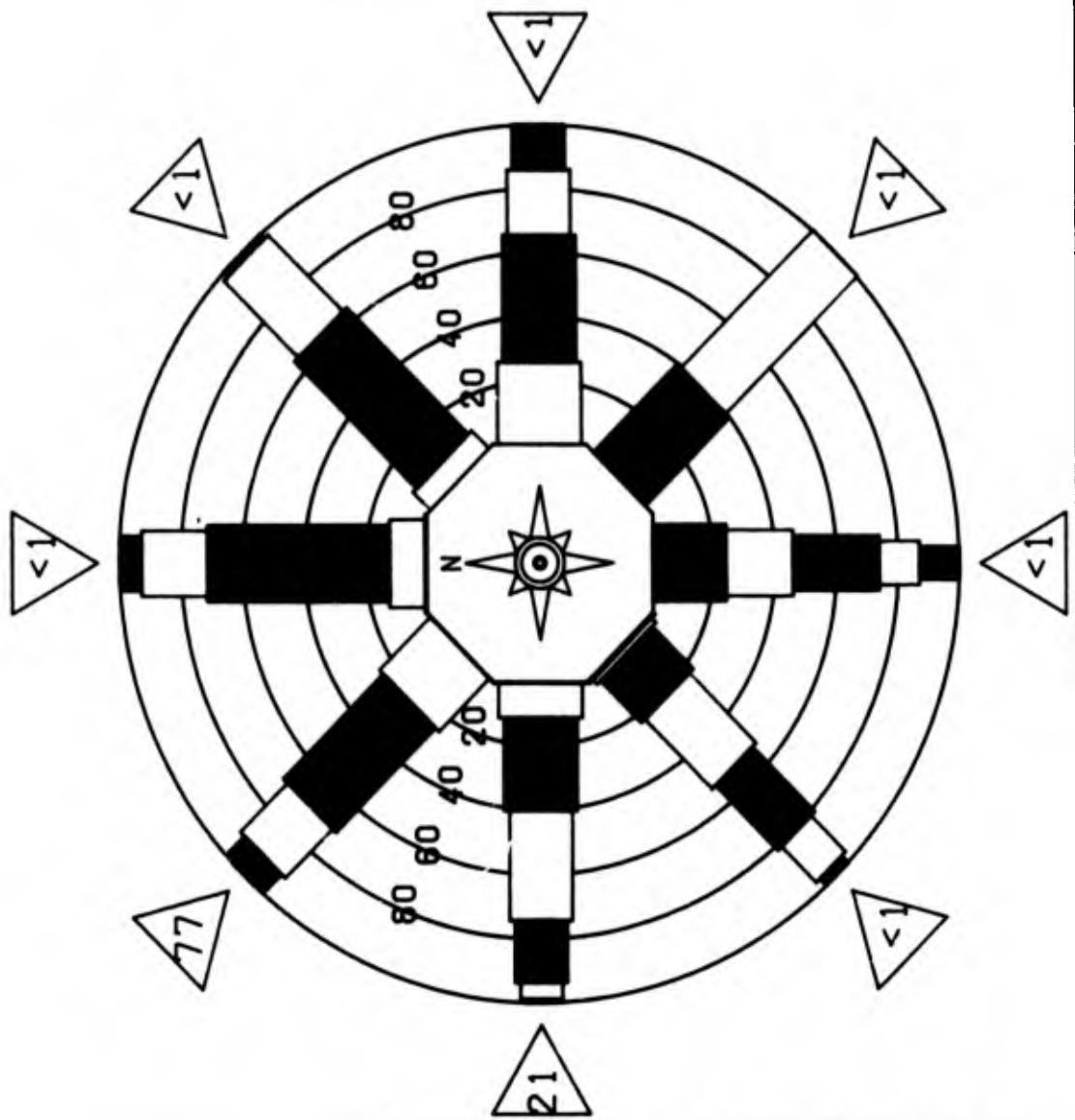
HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	18.1	18.2-	22.3-	LONGER
0.-0.9	1												411
1.0-1.9	39	37	10	121	56	34	8	1	1	1			19
2.0-2.9	41	44	123	331	610	343	118						1683
3.0-3.9	.	95	23	119	402	392	189						1632
4.0-4.9	.	6	10	5	94	528	563						1234
5.0-5.9	.	1	1			34	200						309
6.0-6.9	.	.	.		5	3	32	17					52
7.0-7.9	.	.	.		.	.	10						10
8.0-8.9	.	.	.		.	.	.						0
9.0-9.9	.	.	.		.	.	.						0
10.0+	.	.	.		.	.	.						0
TOTAL	81	185	361	576	1167	1844	1243	100	0	0			0
MEAN HS(M) =	3.4	LARGEST HS(M)=	7.5	MEAN TP(SEC)=	11.8	NO. OF CASES=	3259.						

HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	18.1	18.2-	22.3-	LONGER
0.-0.9	46	35	123	2607	1625	427	5	73	13				209
1.0-1.9	484	937	560	2511	4430	7722	5010	953	182				11326
2.0-2.9	564	2944	2233	686	429	3056	7003	3612	184				24216
3.0-3.9	.	133	836	41	17	1883	3788	3788	181				17543
4.0-4.9	.	.	99	25	1	99	629	629	1545				1595
5.0-5.9	.	.	1	3	.	.	109	128					241
6.0-6.9	.	.	.	.	.	.	1	61					62
7.0-7.9	.	.	.	.	.	.	.	.					0
8.0-8.9	.	.	.	.	.	.	.	.					0
9.0-9.9	.	.	.	.	.	.	.	.					0
10.0+	.	.	.	.	.	.	.	.					0
TOTAL	1094	6282	9416	7532	12581	14431	9365	1394	0	0			0
MEAN HS(M) =	2.9	LARGEST HS(M)=	7.7	MEAN TP(SEC)=	10.9	NO. OF CASES=	36302.						

HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	18.1	18.2-	22.3-	LONGER
0.-0.9	8	11	53										72
1.0-1.9	2053	2265	3176	506	249	94	70						84076
2.0-2.9	1714	6287	3158	1673	1454	482	61	6	1				14976
3.0-3.9	.	1480	614	407	929	835	130	4					4396
4.0-4.9	.	63	51	25	46	407	109	4					166
5.0-5.9	.	.	5	5	5	47	42	1					10
6.0-6.9	.	.	.	.	.	.	5						0
7.0-7.9	.	.	.	.	.	.	.						0
8.0-8.9	.	.	.	.	.	.	.						0
9.0-9.9	.	.	.	.	.	.	.						0
10.0+	.	.	.	.	.	.	.						0
TOTAL	3775	10206	7406	2636	2683	1865	417	11	1	0			0
MEAN HS(M) =	2.4	LARGEST HS(M)=	6.1	MEAN TP(SEC)=	8.2	NO. OF CASES=	10958.						

HEIGHT(METRES)	STATION 9 34.22N 121.48W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3	13.4-	15.3	18.1	18.2-	22.3-	LONGER
0.-0.9	3												3
1.0-1.9	121	32	1	3	1	1	1	1	1	1	1	1	156
2.0-2.9	100	434	41	22	3	16	48	6	3	3	3	3	684
3.0-3.9	.	219	41	39	3	3	3	3	3	3	3	3	294
4.0-4.9	.	1	39	.	.	.	.	.	.	.	.	.	49
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	.	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	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=							

HEIGHT(METRES)	STATION 9 34°22'N 121°48'W FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6	4	16								29
1.0-1.9	270	333	847	325	193	55	14	1	.	.	2038
2.0-2.9	244	1001	605	656	994	592	115	5	.	.	2215
3.0-3.9	.	416	143	102	457	889	406	20	.	.	2437
4.0-4.9	.	22	134	12	40	297	449	39	.	.	603
5.0-5.9	.	.	21	7	3	21	112	61	.	.	225
6.0-6.9	.	.	.	2	.	16	14	6	.	.	53
7.0-7.9	.	.	.	.	.	1	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	1	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	520	1779	1768	1104	1686	1855	1113	150	0	0	0
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
WIS STATION 9 (34.22N 121.48W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1955	3.1	3.3	3.0	2.7	2.4	2.8	2.0	2.3	1.7	2.1	2.5	2.7	2.5
1957	3.5	2.9	3.3	2.8	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.6
1958	3.5	3.1	3.0	2.8	2.7	2.6	2.7	2.9	2.9	2.9	2.9	2.8	2.8
1959	3.5	3.0	3.4	3.4	3.5	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.6
1960	3.5	3.0	3.4	3.0	2.8	2.9	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1961	3.5	3.4	3.0	3.4	3.5	3.6	3.4	3.4	3.4	3.4	3.4	3.4	3.3
1962	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1963	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1964	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1965	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1967	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1968	3.5	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1970	3.2	4.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1971	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1972	3.0	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1973	3.7	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1974	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1975	2.8	3.2	3.4	2.4	2.4	2.3	2.2	1.7	1.3	2.3	2.6	2.8	2.5
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	

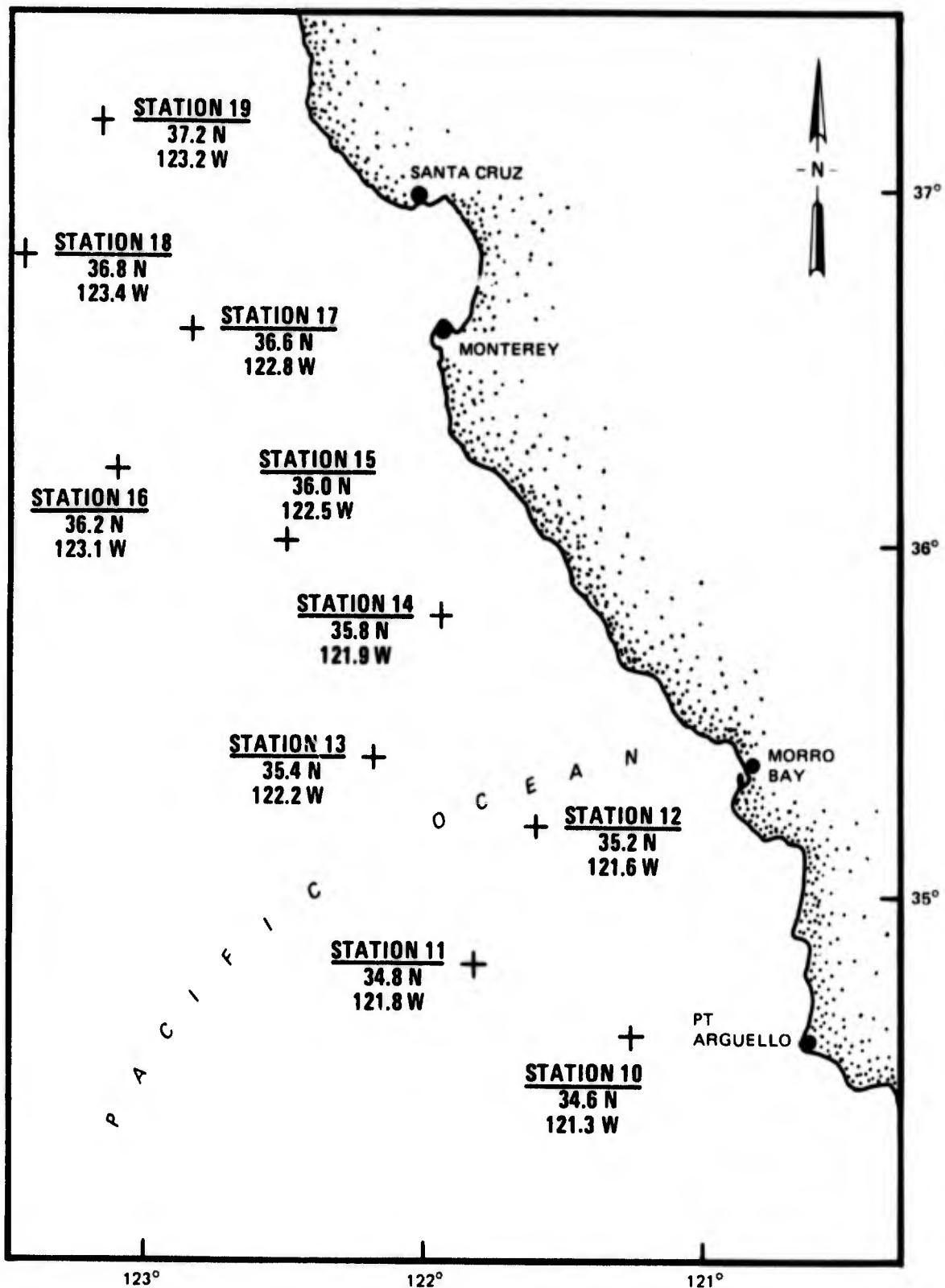
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 9 (34.22N 121.48W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.0	4.4	6.3	5.1	4.0	4.1	3.0	3.7	2.8	3.0	4.0	4.2
1957	2.4	6.8	4.7	5.5	3.7	4.5	3.0	3.8	3.3	3.0	5.0	5.7
1958	6.4	4.6	7.5	5.2	4.7	3.7	3.0	3.8	3.9	3.4	5.4	5.7
1959	8.1	4.7	3.9	4.7	4.7	3.7	3.0	3.1	3.1	3.5	4.6	5.4
1960	5.9	4.5	5.2	3.6	3.6	3.6	3.0	3.1	3.1	4.2	4.6	4.7
1961	6.0	4.7	5.7	4.3	4.9	3.7	3.7	3.7	3.7	4.2	4.9	4.7
1962	4.5	4.5	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.6	4.4
1963	6.2	6.1	4.8	4.9	3.3	4.5	3.6	3.8	3.8	3.5	4.7	6.0
1964	7.2	4.4	5.0	4.5	4.8	4.9	4.9	4.9	4.9	4.9	4.6	6.0
1965	5.5	5.4	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	5.4
1966	5.9	5.1	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.7	5.5	5.4
1967	6.2	4.3	4.9	4.4	4.3	4.7	4.7	4.7	4.7	4.7	5.7	5.4
1968	6.2	4.2	4.4	4.9	5.1	4.3	4.5	4.0	4.1	4.0	5.7	5.1
1969	6.0	5.7	6.2	4.7	5.1	3.8	4.5	4.2	4.1	4.6	5.2	5.7
1970	6.0	5.7	6.2	6.1	6.1	4.6	4.6	4.8	4.8	4.6	5.0	5.4
1971	5.0	5.5	5.6	5.8	5.8	4.1	4.1	4.1	4.1	4.0	4.9	5.6
1972	5.8	5.7	4.8	4.6	4.6	4.8	4.8	4.9	4.9	3.1	5.3	6.1
1973	5.8	5.5	6.2	6.1	4.8	5.0	4.3	4.0	3.7	5.1	4.9	7.0
1974	5.0	5.0	5.7	5.3	5.1	4.2	4.2	4.5	3.6	5.1	5.4	7.3
1975	5.1	5.4	5.0	3.4	4.9	5.2	3.6	3.1	2.2	4.1	4.0	4.3

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.8
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.7
 LARGEST HS(METRES)= 8.1
 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



HEIGHT(METRES)	STATION 10 34.61N 121.26W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.0-	6.0-	8.0-	9.5-	10.5-	11.7-	13.3-	15.3-	18.1-	22.2-	LONGER
0.-0.9											0
1.0-1.9	5			1	3	1	3				12
2.0-2.9	13			8	3	1			1		37
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	18	0	9	6	14	3	0	1	0	0	33.
MEAN HS(M) =	2.2	LARGEST HS(M)=	3.3	MEAN TP(SEC)=	8.7	NO. OF CASES=					
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
	4.0-	6.0-	8.0-	9.5-	10.5-	11.7-	13.3-	15.3-	18.1-	22.2-	LONGER
0.-0.9											0
1.0-1.9	1										1
2.0-2.9	3			5							8
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	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	3.0	MEAN TP(SEC)=	6.7	NO. OF CASES=					
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
	4.0-	6.0-	8.0-	9.5-	10.5-	11.7-	13.3-	15.3-	18.1-	22.2-	LONGER
0.-0.9											0
1.0-1.9	1										1
2.0-2.9	3			1							4
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	0
MEAN HS(M) =	2.2	LARGEST HS(M)=	2.4	MEAN TP(SEC)=	6.1	NO. OF CASES=					
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
	4.0-	6.0-	8.0-	9.5-	10.5-	11.7-	13.3-	15.3-	18.1-	22.2-	LONGER
0.-0.9											0
1.0-1.9											0
2.0-2.9	6	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	7	1	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	5.9	NO. OF CASES=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	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
TOTAL	5	6	0	0	0	0	0	1	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	8	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	0	0	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0
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
TOTAL	3	0	0	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	.	.	.	.	i	.	.	.	.	.	0
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
TOTAL	8	1	0	0	1	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	10	3	6	.	5	.	.	.	.	.	.	.	24
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	10	3	7	0	5	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0
1.0-1.9	0
2.0-2.9	.	11	6	6	3	1	.	.	.	.	.	.	16
3.0-3.9	.	1	2	1	1	1	.	.	.	.	.	.	6
4.0-4.9	.	1	2	1	1	1	.	.	.	.	.	.	6
5.0-5.9	.	1	2	1	1	1	.	.	.	.	.	.	6
6.0-6.9	.	1	2	1	1	1	.	.	.	.	.	.	6
7.0-7.9	.	1	2	1	1	1	.	.	.	.	.	.	6
8.0-8.9	.	1	2	1	1	1	.	.	.	.	.	.	6
9.0-9.9	.	1	2	1	1	1	.	.	.	.	.	.	6
10.0+	0
TOTAL	0	17	42	11	12	7	0	0	0	0	0	0	58.
MEAN HS(M) =	4.3	LARGEST HS(M)=	7.8	MEAN TP(SEC)=	9.3	NO. OF CASES=							

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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	5	1	.	.	1	.	.	.	.	.	.	.	5
1.0-1.9	8	25	23	18	17	5	13	.	.	.	.	.	109
2.0-2.9	8	49	27	11	11	13	6	.	.	.	.	.	107
3.0-3.9	.	6	49	11	10	1	1	.	.	.	.	.	64
4.0-4.9	.	6	6	3	10	1	1	.	.	.	.	.	21
5.0-5.9	.	6	6	3	10	1	1	.	.	.	.	.	6
6.0-6.9	.	6	6	3	10	1	1	.	.	.	.	.	6
7.0-7.9	.	6	6	3	10	1	1	.	.	.	.	.	6
8.0-8.9	.	6	6	3	10	1	1	.	.	.	.	.	6
9.0-9.9	.	6	6	3	10	1	1	.	.	.	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	81	105	33	54	34	21	0	0	0	0	0	209.
MEAN HS(M) =	3.5	LARGEST HS(M)=	7.2	MEAN TP(SEC)=	9.4	NO. OF CASES=							

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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	8	11	61	26	15	10	.	.	.	.	.	.	8
1.0-1.9	6	52	44	42	85	89	1	.	.	.	.	.	154
2.0-2.9	6	52	44	29	78	160	30	.	.	.	.	.	120
3.0-3.9	.	11	32	23	29	109	32	3	.	.	.	.	366
4.0-4.9	.	11	32	11	10	17	5	.	.	.	.	.	239
5.0-5.9	.	11	20	1	1	1	1	.	.	.	.	.	88
6.0-6.9	.	1	1	.	.	.	.	.	.	.	.	.	6
7.0-7.9	.	1	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	1	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	1	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	25	140	173	131	217	396	99	3	0	0	0	0	704.
MEAN HS(M) =	3.3	LARGEST HS(M)=	7.1	MEAN TP(SEC)=	10.7	NO. OF CASES=							

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

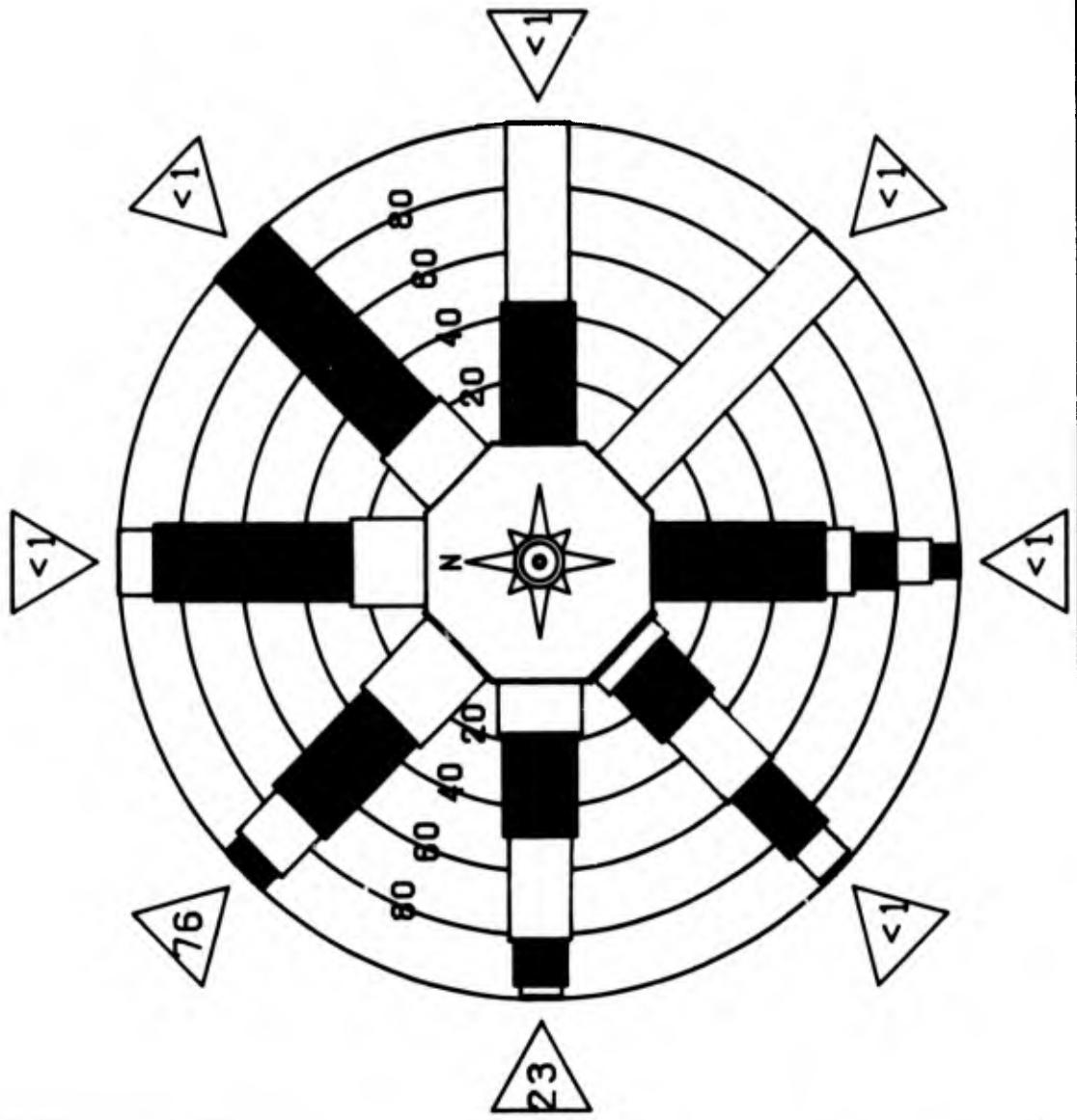
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	18	27										10								55
1.0-1.9	59	41	188	130	130						41	10								600
2.0-2.9	32	58	114	237	597						494	130								1665
3.0-3.9				20	68	287					628	330								1665
4.0-4.9	.	10									56	290	362							729
5.0-5.9												17	88							129
6.0-6.9												8	20							26
7.0-7.9												5								5
8.0-8.9																				0
9.0-9.9																				0
10.0+																				0
TOTAL	109	177	353	435	1070	1680	934	61	0	0										0
MEAN HS(M) =	3.0	LARGEST HS(M)=	7.7	MEAN TP(SEC)=	11.6	NO. OF CASES=	2827.													

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	97	107	328	41	8						13									594
1.0-1.9	767	3098	9221	3894	2588						638	135	27							20396
2.0-2.9	675	3978	3612	5408	9048						5975	1221	70							39993
3.0-3.9		1952	317	568	2708						7404	3506	216							17666
4.0-4.9	.	116	708	593	176						1606	3660	555							6717
5.0-5.9	.		68	32	6						94	802	573							1573
6.0-6.9	.		1	3							1	85	103							199
7.0-7.9	.		1								6	61								67
8.0-8.9	.		1								1									0
9.0-9.9	.		1								1									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.													

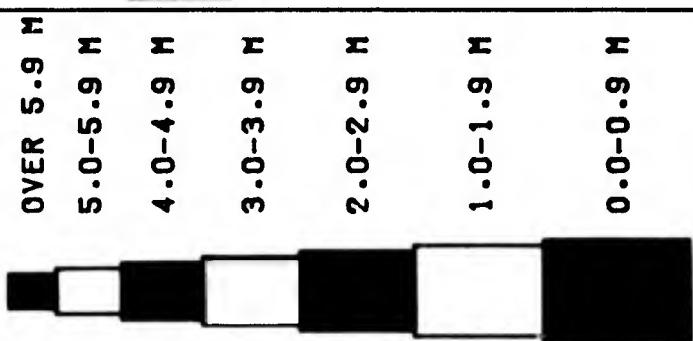
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	17	63	58																	138
1.0-1.9	1629	1930	1605	309	128						106	42								5524
2.0-2.9	2748			816	636						193	53								7081
3.0-3.9	1	559	485	159	439						354	39								2036
4.0-4.9	.	27	166	12	44						147	30								406
5.0-5.9	.		11	13	5						17	10								56
6.0-6.9	.		1	1																6
7.0-7.9	.		1																	0
8.0-8.9	.		1																	0
9.0-9.9	.		1																	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.													

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	6	8	22	3						8									1
1.0-1.9	155	92	46	11	11						11	1	i	i	i	3				149
2.0-2.9	3	25																		51
3.0-3.9																				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	260	123	66	25	48	17					1	1	1	3	0					325.
MEAN HS(M) =	2.3	LARGEST HS(M)=	4.0	MEAN TP(SEC)=	7.1	NO. OF CASES=	325.													

HEIGHT(METRES)	STATION 10 34° 61'N 121° 26'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	16.2-	18.2-	22.3-	
0.0-0.9	14	17	41	4	286	2	15	2	1	1	78	78
1.0-1.9	263	511	1114	436	656	80	142	21	2	2	2711	2711
2.0-2.9	203	796	1536	655	1044	677	142	21	2	2	2661	2661
3.0-3.9	2	271	149	12	354	876	210	408	22	2	2186	2186
4.0-4.9	.	17	76	12	33	210	408	22	2	2	187	187
5.0-5.9	.	.	11	6	3	15	93	59	13	2	107	107
6.0-6.9	.	.	.	.	.	.	1	6	2	2	22	22
7.0-7.9	.	.	.	.	.	.	1	6	2	2	7	7
8.0-8.9	.	.	.	.	.	.	.	.	2	2	0	0
9.0-9.9	.	.	.	.	.	.	.	.	2	2	0	0
10.0+	TOTAL	482	1512	1945	1194	1718	1866	1102	149	2	0	0
	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



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 10 (34.61N 121.26W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	2.9	3.2	2.8	2.5	2.9	2.6	1.9	2.2	1.5	2.0	2.3	2.6	2.4
1957	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.6	2.4
1958	2.8	2.8	2.9	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.6	2.6
1959	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1960	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1961	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1962	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1963	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1964	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1965	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1966	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1967	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1968	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1969	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1970	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1971	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1972	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1973	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1974	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
1975	2.7	2.7	2.7	2.4	2.0	2.0	1.7	2.5	1.8	2.0	2.3	2.4	2.4
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)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	4.9	4.2	6.5	4.8	3.9	4.2	2.8	3.6	2.7	3.4	3.9	3.8
1957	4.4	6.6	4.0	4.7	4.0	4.6	3.0	3.7	2.0	3.4	4.7	5.7
1958	4.7	5.8	4.7	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.7	6.2
1959	4.4	5.0	4.0	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.7	6.2
1960	6.7	6.1	4.7	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.7	6.2
1961	6.3	4.0	5.7	4.4	4.7	4.0	3.0	3.7	2.0	3.4	4.7	6.1
1962	4.6	4.4	5.5	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.6	6.4
1963	4.6	4.4	5.5	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.6	6.4
1964	5.9	5.4	4.9	4.9	4.4	4.9	3.0	3.7	2.0	3.4	4.7	6.2
1965	6.7	5.9	5.9	4.7	4.7	4.7	3.0	3.7	2.0	3.4	4.7	6.2
1966	5.7	5.0	4.7	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.6	6.2
1967	6.2	5.5	5.0	4.7	4.0	4.7	3.0	3.7	2.0	3.4	4.7	6.2
1968	6.2	4.0	4.4	4.4	4.0	4.4	3.0	3.7	2.0	3.4	4.6	6.0
1969	5.9	5.0	4.4	4.4	4.0	4.4	3.0	3.7	2.0	3.4	4.7	6.0
1970	5.9	5.7	5.1	4.7	4.9	4.5	3.0	3.7	2.0	3.4	4.7	6.0
1971	5.4	5.1	5.4	4.7	4.9	4.5	3.0	3.7	2.0	3.4	4.7	6.0
1972	6.0	4.6	5.3	4.6	4.2	4.5	3.0	3.7	2.0	3.4	4.7	6.0
1973	6.1	5.3	5.9	3.5	5.7	5.1	3.0	3.6	2.8	2.1	4.6	5.8
1974	5.3	6.0	5.9	3.4	5.3	5.7	3.1	3.6	2.8	2.1	4.6	5.8
1975	5.3	5.3	5.9	3.5	5.7	5.1	3.0	3.6	2.8	2.1	4.6	5.8

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=

3.8

MEAN FEWK WAVE PERIOD (SECONDS)=

10.6

MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=

292

STANDARD DEVIATION OF HS(METRES)=

1.00

STANDARD DEVIATION OF TP(SECONDS)=

2.5

LARGEST HS(METRES)=

16.7

TP (SECONDS) ASSOC. WITH THE LARGEST HS=

16.7

AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=

295.0

DATE OF LARGEST HS OCCURRENCE IS (YR,MO,DA,HR)

64011906

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	5	5	1	11	1	1	1	1	1	23
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
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=					
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	1	3	.	.	.	.	.	.	.	11
3.0-3.9	3	1	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
TOTAL	9	2	3	0	0	0	0	1	0	0	0
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) = 22.5	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	1	3	.	.	.	.	.	.	.	11
3.0-3.9	3	1	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
TOTAL	9	2	3	0	0	0	0	1	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	1
3.0-3.9	5	3	.	.	.	.	.	.	.	.	8
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
TOTAL	12	3	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	3	1	.	.	.	.	.	.	.	5
3.0-3.9	5	1	.	.	.	.	.	.	.	.	6
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
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=					

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	[LONGER]
0.-0.9	0
1.0-1.9	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	0	17	0	0	0	0	0	2	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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	0
5.0-5.9	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	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	[LONGER]
0.-0.9	0
1.0-1.9	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	0	12	0	0	0	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	[LONGER]
0.-0.9	0
1.0-1.9	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	0	18	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	8.0	NO. OF CASES=	16.				

HEIGHT(METRES)	STATION 11 34.82N 121.82W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										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- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	5	8	.	5	.	.	.	.	.	18
2.0-2.9	.	1	.	.	1	.	.	.	.	.	1
3.0-3.9	.	1	1	1	1	.	.	.	.	.	4
4.0-4.9	.	1	1	1	1	.	.	.	.	.	0
5.0-5.9	.	1	1	1	1	.	.	.	.	.	0
6.0-6.9	.	1	1	1	1	.	.	.	.	.	0
7.0-7.9	.	1	1	1	1	.	.	.	.	.	0
8.0-8.9	.	1	1	1	1	.	.	.	.	.	0
9.0-9.9	.	1	1	1	1	.	.	.	.	.	0
TOTAL	0	12	9	4	7	0	0	0	0	0	22.
MEAN HS(M) =	3.6	LARGEST HS(M)=	6.6	MEAN TP(SEC)=	8.7	NO. OF CASES=					
STATION 11 34.82N 121.82W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	17	8	6	1	.	.	.	.	.	20
2.0-2.9	.	5	35	13	1	.	.	.	.	.	24
3.0-3.9	.	15	22	11	1	.	.	.	.	.	25
4.0-4.9	.	15	22	11	1	.	.	.	.	.	24
5.0-5.9	.	15	22	11	1	.	.	.	.	.	24
6.0-6.9	.	15	22	11	1	.	.	.	.	.	24
7.0-7.9	.	15	22	11	1	.	.	.	.	.	24
8.0-8.9	.	15	22	11	1	.	.	.	.	.	24
9.0-9.9	.	15	22	11	1	.	.	.	.	.	24
TOTAL	0	22	49	23	16	4	0	0	0	0	72.
MEAN HS(M) =	4.6	LARGEST HS(M)=	8.3	MEAN TP(SEC)=	9.1	NO. OF CASES=					
STATION 11 34.82N 121.82W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	.	5	1	.	.	.	.	.	.	.	0
1.0-1.9	8	22	29	18	5	1	8	.	.	.	83
2.0-2.9	15	22	11	10	10	11	6	.	.	.	53
3.0-3.9	15	22	11	10	10	11	6	.	.	.	53
4.0-4.9	15	22	11	10	10	11	6	.	.	.	53
5.0-5.9	15	22	11	10	10	11	6	.	.	.	53
6.0-6.9	15	22	11	10	10	11	6	.	.	.	53
7.0-7.9	15	22	11	10	10	11	6	.	.	.	53
8.0-8.9	15	22	11	10	10	11	6	.	.	.	53
9.0-9.9	15	22	11	10	10	11	6	.	.	.	53
TOTAL	13	94	146	37	39	41	21	0	0	0	237.
MEAN HS(M) =	3.9	LARGEST HS(M)=	7.8	MEAN TP(SEC)=	9.3	NO. OF CASES=					
STATION 11 34.82N 121.82W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	3	32	10	8	6	6	1	.	.	.	64
1.0-1.9	17	66	72	86	100	29	1	.	.	.	370
2.0-2.9	15	42	25	83	142	174	20	.	.	.	371
3.0-3.9	15	32	23	83	106	144	11	3	.	.	373
4.0-4.9	15	32	23	83	106	144	11	3	.	.	373
5.0-5.9	15	32	23	83	106	144	11	3	.	.	373
6.0-6.9	15	32	23	83	106	144	11	3	.	.	373
7.0-7.9	15	32	23	83	106	144	11	3	.	.	373
8.0-8.9	15	32	23	83	106	144	11	3	.	.	373
9.0-9.9	15	32	23	83	106	144	11	3	.	.	373
TOTAL	30	179	184	188	333	444	96	3	0	0	862.
MEAN HS(M) =	3.6	LARGEST HS(M)=	6.5	MEAN TP(SEC)=	10.6	NO. OF CASES=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	3	25	10	75	34	8	1	.	.	.	.	21	483
1.0-1.9	29	25	100	123	125	147	16	.	.	.	.	1904	207
2.0-2.9	61	44	207	41	159	695	376	412	1	.	.	1215	102
3.0-3.9	.	102	41	159	695	075	412	1	.	.	.	1215	20
4.0-4.9	.	20	10	8	9	0100	695	227	75	.	.	1349	3
5.0-5.9	.	.	3	.	1	30	32	8	15	.	.	336	0
6.0-6.9	.	.	.	.	5	32	8	15	.	.	.	45	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	23	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	49	27	172	13	1764	489	58	10	1	.	.	261	480
1.0-1.9	480	1076	5455	2701	1764	489	58	10	1	.	.	12024	2866
2.0-2.9	503	2866	2289	4577	7826	4948	1011	183	1	.	.	12444	1995
3.0-3.9	.	800	439	3126	7109	3331	183	.	.	.	.	16983	109
4.0-4.9	.	821	49	189	1930	3635	335	3	.	.	.	7049	65
5.0-5.9	.	.	5	1	118	952	149	.	.	.	.	1693	18
6.0-6.9	.	.	5	5	158	124	.	.	.	.	.	293	5
7.0-7.9	.	.	.	.	10	68	.	.	.	.	.	76	6
8.0-8.9	.	.	.	.	.	6	.	.	.	.	.	6	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	13	29	66	6	227	94	59	.	.	.	.	114	2061
1.0-1.9	2061	2236	2939	410	1161	455	53	.	5	.	.	6026	1781
2.0-2.9	1781	6060	2977	1524	1161	455	53	.	.	.	.	14016	1524
3.0-3.9	.	1546	214	408	787	351	63	.	.	.	.	42016	82
4.0-4.9	.	82	294	49	44	368	100	1	.	.	.	683	56
5.0-5.9	.	.	15	5	47	46	6	.	.	.	.	169	15
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	6	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.0-0.9	155	39	6	1	10	3	1	.	.	.	.	0	216
1.0-1.9	150	485	71	20	41	23	1	.	3	.	.	603	210
2.0-2.9	.	210	29	1	11	11	1	.	.	.	.	263	5
3.0-3.9	.	5	34	3	.	.	.	.	.	.	.	42	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	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.										

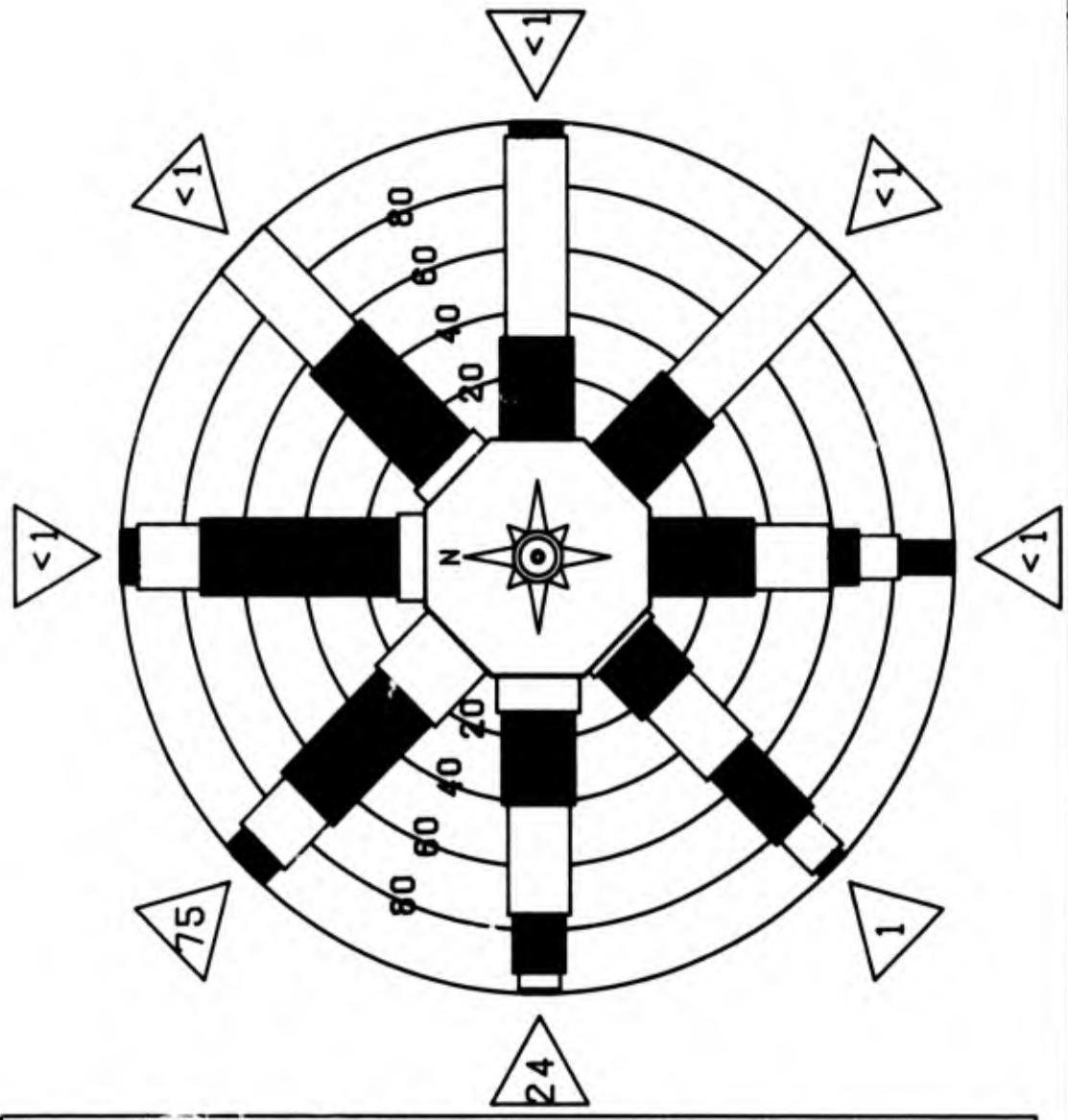
HEIGHT(METRES)	STATION 11 34° 82'N 121° 82'W PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	6.0-	6.1-	6.2-	6.3-	6.4-	6.5-	6.6-	6.7-	6.8-	6.9-	
6.0-6.9	7	5	24	324	204	64	11	1	1	1	36
7.0-7.9	274	341	861	1566	659	583	122	1	1	1	2083
8.0-8.9	404	457	1563	107	452	504	485	16	16	1	2140
9.0-9.9	.	25	14	45	311	430	347	34	34	.	2428
10.0-10.9	.	.	21	6	25	126	62	13	13	.	997
11.0-11.9	.	.	.	1	1	1	1	8	8	.	244
12.0-12.9	.	.	.	.	.	.	.	.	.	.	33
13.0-13.9	.	.	.	.	.	.	.	.	.	.	0
14.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	535	1734	1757	1115	1699	1885	1102	144	1	0	58440.

MEAN HS(M)= 2.6

LARGEST HS(M)= 6.3

MEAN TPI(SEC)= 10.2

TOTAL CASES= 58440.



STATION 11
34.82N, 121.82W
58440 CASES

WAVE HEIGHT (M)	CASES
OVER 5.9 M	1
5.0-5.9 M	24
4.0-4.9 M	75
3.0-3.9 M	15
2.0-2.9 M	1
1.0-1.9 M	<1
0.0-0.9 M	<1

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	
1956	3.2	3.3	3.0	2.6	2.4	2.7	2.0	2.3	1.7	2.0	2.4	2.6	2.5
1957	3.0	3.4	3.7	3.0	2.8	3.0	2.0	2.0	1.7	2.0	2.0	2.6	2.6
1958	3.0	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1959	3.5	4.0	3.7	3.0	2.5	2.7	2.0	2.0	1.7	2.0	2.0	2.4	2.3
1960	3.4	3.7	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1961	3.7	4.0	3.7	3.0	2.5	2.7	2.0	2.0	1.7	2.0	2.0	2.6	2.6
1962	3.0	3.2	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1963	3.2	3.4	3.7	3.0	2.5	2.7	2.0	2.0	1.7	2.0	2.0	2.6	2.6
1964	3.4	3.7	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1965	3.7	4.0	3.7	3.0	2.5	2.7	2.0	2.0	1.7	2.0	2.0	2.6	2.6
1966	3.5	4.0	3.7	3.0	2.5	2.7	2.0	2.0	1.7	2.0	2.0	2.6	2.6
1967	3.5	4.0	3.7	3.0	2.5	2.7	2.0	2.0	1.7	2.0	2.0	2.6	2.6
1968	3.0	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1969	3.0	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1970	3.0	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1971	3.1	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1972	3.1	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1973	3.1	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1974	3.1	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
1975	3.1	3.4	3.0	2.5	2.0	2.4	1.7	2.0	1.7	2.0	2.0	2.6	2.6
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	

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

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.1	4.5	6.1	5.0	4.1	4.0	3.0	3.0	2.8	3.0	3.0	4.0
1957	4.6	7.3	4.5	5.0	4.4	4.4	3.0	3.0	2.8	3.0	3.0	4.0
1958	5.7	6.3	4.5	5.0	4.1	4.1	3.0	3.0	2.9	3.0	3.0	4.0
1959	5.5	6.3	4.5	5.0	4.0	4.0	3.0	3.0	2.9	3.0	3.0	4.0
1960	6.0	6.0	4.5	5.0	4.7	4.7	3.0	3.0	2.9	3.0	3.0	4.0
1961	6.4	6.0	5.9	5.2	4.7	4.7	3.0	3.0	2.9	3.0	3.0	4.0
1962	4.0	5.7	4.5	5.0	4.7	4.7	3.0	3.0	2.9	3.0	3.0	4.0
1963	6.4	6.3	5.1	4.7	4.4	4.4	3.0	3.0	2.9	3.0	3.0	4.0
1964	6.1	6.3	5.1	4.7	4.4	4.4	3.0	3.0	2.9	3.0	3.0	4.0
1965	6.6	6.6	5.2	4.7	4.4	4.4	3.0	3.0	2.9	3.0	3.0	4.0
1966	6.9	6.6	5.6	5.0	4.7	4.7	3.0	3.0	2.9	3.0	3.0	4.0
1967	6.4	6.2	5.6	5.0	4.7	4.7	3.0	3.0	2.9	3.0	3.0	4.0
1968	4.2	4.0	4.2	4.0	3.7	3.7	3.0	3.0	2.9	3.0	3.0	4.0
1969	5.9	5.1	5.0	4.7	4.4	4.4	3.0	3.0	2.9	3.0	3.0	4.0
1970	6.2	6.8	5.5	5.2	4.7	4.7	3.0	3.0	2.9	3.0	3.0	4.0
1971	5.9	5.8	5.0	4.8	4.5	4.5	3.0	3.0	2.9	3.0	3.0	4.0
1972	6.0	5.7	4.9	4.8	4.5	4.5	3.0	3.0	2.9	3.0	3.0	4.0
1973	6.0	5.5	5.2	4.8	4.5	4.5	3.0	3.0	2.9	3.0	3.0	4.0
1974	5.0	5.5	5.8	3.4	4.8	4.9	3.9	2.9	3.1	4.2	4.9	4.6
1975	5.3	5.5	5.6	3.4	4.8	4.9	3.9	2.9	3.1	4.2	4.9	4.6

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.7
 LARGEST HS(METRES)= 8.4
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.1
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 201.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 59021609

HEIGHT(METRES)	STATION 12 35.21N 121.60W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	PEAK PERIOD(SECONDS)											
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6.0	6.0	8.9.5	10.5	11.7	13.3	15.3	18.1	22.2			0
1.0-1.9		11		11	3	3						12
2.0-2.9		15										33
3.0-3.9												
4.0-4.9												0
5.0-5.9												0
6.0-6.9												0
7.0-7.9												0
8.0-8.9												0
9.0-9.9												0
TOTAL	26	0	12	2	6	0	0	1	0	0		0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6.0	6.0	8.9.5	10.5	11.7	13.3	15.3	18.1	22.2			0
1.0-1.9		3		3	1	i						4
2.0-2.9		11		3								15
3.0-3.9		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
TOTAL	15	0	3	1	1	0	0	0	0	0		0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6.0	6.0	8.9.5	10.5	11.7	13.3	15.3	18.1	22.2			0
1.0-1.9		1		1								0
2.0-2.9		6		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	7	0	2	0	0	0	0	0	0	0		0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	6.0	6.0	8.9.5	10.5	11.7	13.3	15.3	18.1	22.2			0
1.0-1.9												0
2.0-2.9		5	i									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	5	i	0	0	0	0	0	0	0	0		0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	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	13	5	5	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	.	1
3.0-3.9	5	.	.	i	.	.	.	.	.	.	.	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	6	0	0	i	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	i	1	.	.	.	.	.	.	.	.	.	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	1	1	0	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	5	1	.	.	.	i	.	.	.	.	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	10	1	0	0	0	i	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	27
2.0-2.9	8	3	8	.	8	.	.	.	.	.	33
3.0-3.9	1	.	.	.	.	.	.	.	.	.	14
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	1	.	1	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	24
2.0-2.9	5	3	6	3	5	1	1	1	.	.	55
3.0-3.9	35	17	5	6	5	.	.	.	.	.	45
4.0-4.9	6	14	6	8	7	5	5	5	.	.	22
5.0-5.9	.	.	6	8	7	5	5	5	.	.	0
6.0-6.9	.	.	.	1	0	1	1	1	.	.	0
7.0-7.9	.	.	.	.	3	1	1	1	.	.	0
8.0-8.9	.	.	.	.	3	1	1	1	.	.	0
9.0-9.9	.	.	.	.	3	1	1	1	.	.	0
TOTAL	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-	6.1-	8.1-	9.6-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	3
1.0-1.9	18	17	3	.	.	.	.	.	.	.	38
2.0-2.9	6	29	25	20	18	6	3	.	.	.	115
3.0-3.9	49	25	20	18	16	6	3	.	.	.	154
4.0-4.9	.	17	66	13	20	32	13	.	.	.	54
5.0-5.9	.	22	5	11	6	11	.	.	.	.	5
6.0-6.9	.	.	5	1	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	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.

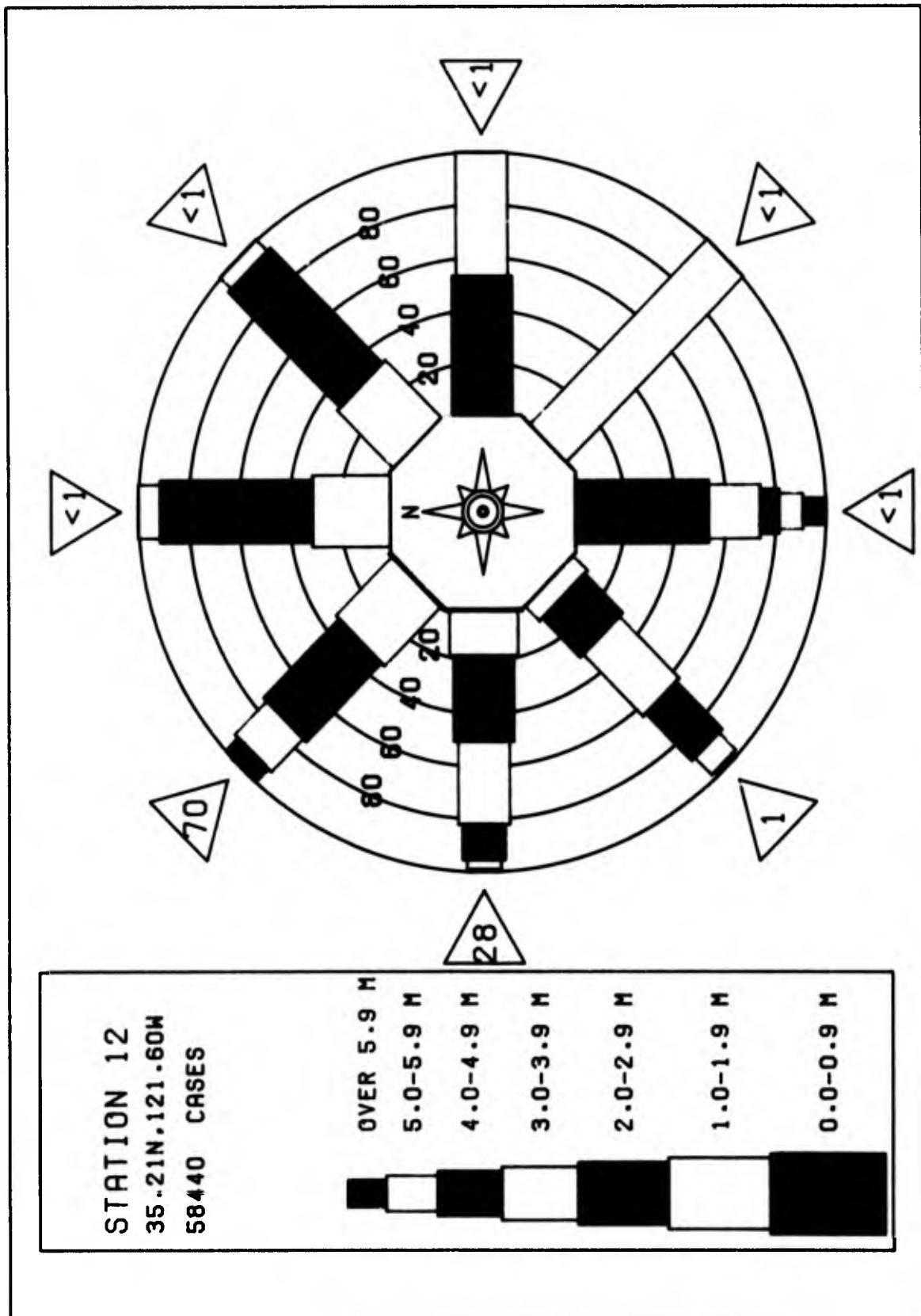
STATION 12 35.21N 121.60W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	25	13	47	39	10	13	.	.	.	.	147
2.0-2.9	10	47	44	47	142	67	3	1	.	.	591
3.0-3.9	94	17	47	47	47	217	34	.	.	.	506
4.0-4.9	.	17	47	10	47	124	21	1	.	.	289
5.0-5.9	.	.	11	11	8	17	22	1	.	.	10
6.0-6.9	.	.	3	3	3	3	6	.	.	.	0
7.0-7.9	.	.	.	.	.	.	1	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) =270.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	17	44	47	1	6							71
1.0-1.9	51	59	29	136	208	735	621	130	1	6	3	785
2.0-2.9	.	77	29	311	340	989	337	234	18	3	.	2063
3.0-3.9	.	6	3	5	58	1	27	130	32	.	.	1943
4.0-4.9	.	.	.	.	.	1	1	10	22	.	.	853
5.0-5.9	.	.	.	.	.	1	27	10	22	.	.	163
6.0-6.9	.	.	.	.	.	1	1	5	3	.	.	33
7.0-7.9	.	.	.	.	.	1	1	5	3	.	.	3
8.0-8.9	.	.	.	.	.	1	1	5	3	.	.	0
9.0-9.9	.	.	.	.	.	1	1	5	3	.	.	0
10.0+	.	.	.	.	.	1	1	5	3	.	.	0
TOTAL	102	186	518	538	1343	2054	1102	85	6	0	.	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) =292.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	119	148	381	30	10	17						705
1.0-1.9	1009	3906	8539	4087	2491	624	107	27	11	.	.	21201
2.0-2.9	888	4719	5566	5716	6992	5870	1230	85	18	.	.	30684
3.0-3.9	.	1666	1201	602	2664	7344	3677	201	17	.	.	17572
4.0-4.9	.	92	643	124	195	1613	3509	373	10	.	.	16559
5.0-5.9	.	1	51	46	5	106	910	564	.	.	.	1683
6.0-6.9	.	.	3	1	5	5	95	172	.	.	.	275
7.0-7.9	.	.	.	.	.	5	71	.	.	.	.	0
8.0-8.9	.	.	.	.	.	5	15	.	.	.	.	15
9.0-9.9	.	.	.	.	.	5	15	.	.	.	.	0
10.0+	.	.	.	.	.	5	15	.	.	.	.	0
TOTAL	2016	10532	14781	10203	14557	15579	9533	1508	56	0	.	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) =315.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	10	73	77									160
1.0-1.9	1416	1509	1324	244	96	77	27					4698
2.0-2.9	982	2024	1225	650	528	159	55					5603
3.0-3.9	5	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	1	5	1	.	.	.	.	9
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	2413	3974	3123	1106	1037	612	98	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) =337.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	156	6	27	5	1	11						0
1.0-1.9	135	58	54	34	25	8	5					202
2.0-2.9	3	11	5	10	1	1	1					319
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	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	0	328.
MEAN HS(M) =	2.2	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.1	NO. OF CASES=	328.					

HEIGHT(METRES)	STATION 12 35 21N 121 60W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.2-	LONGER	
0.0-0.9	15	22	50	3	1	2	1	2	1	1	1	93
1.0-1.9	267	549	1053	450	281	80	13	6	1	1	1	2706
2.0-2.9	214	594	511	638	1046	670	140	22	2	2	1	1630
3.0-3.9	2	229	171	93	369	885	415	399	38	1	1	2168
4.0-4.9	.	14	87	19	36	220	107	59	1	1	1	814
5.0-5.9	.	.	9	1	3	16	11	19	.	1	1	201
6.0-6.9	.	.	.	.	.	.	.	.	.	1	1	32
7.0-7.9	.	.	.	.	.	.	.	.	.	1	1	1
8.0-8.9	.	.	.	.	.	.	.	.	.	1	1	1
9.0-9.9	.	.	.	.	.	.	.	.	.	1	1	0
10.0+	TOTAL	498	1508	1891	1211	1736	1880	1085	157	6	0	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	3.0	2.7	2.8	2.5	2.3	2.5	1.8	2.2	1.5	2.0	2.3	2.5	2.4
1957	3.7	2.7	2.0	1.9	1.6	1.4	1.9	1.6	1.5	1.5	1.6	1.6	2.6
1958	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1959	3.4	2.4	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1960	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1961	3.4	2.4	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1962	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1963	3.4	2.4	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1964	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1965	3.4	2.4	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1966	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1967	3.4	2.4	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1968	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1969	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1970	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1971	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1972	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1973	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1974	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
1975	3.0	2.7	2.0	1.9	1.6	1.4	1.7	1.6	1.5	1.5	1.6	1.6	2.6
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	5.1	4.3	6.2	4.8	3.9	3.8	2.8	3.8	2.8	2.9	3.8	3.6
1957	5.4	7.1	4.4	4.9	3.0	2.8	2.4	3.7	2.7	2.7	3.1	3.0
1958	5.0	6.9	4.8	4.6	3.4	3.6	3.6	3.0	2.7	2.7	3.0	3.0
1959	5.5	6.0	4.6	4.7	3.9	3.6	3.6	3.0	2.0	2.7	4.0	4.1
1960	6.4	6.0	6.0	4.9	3.6	3.6	3.6	3.2	4.7	4.7	4.0	4.1
1961	6.7	4.5	5.5	4.4	3.4	4.6	4.4	4.7	4.7	4.6	4.2	4.3
1962	4.0	6.6	5.6	5.3	4.2	4.2	4.2	4.1	4.6	4.6	4.0	4.0
1963	5.7	5.5	5.6	5.3	4.7	5.2	4.4	4.4	4.4	4.4	5.6	5.3
1964	8.8	4.4	5.5	4.4	4.4	4.2	4.0	4.9	4.4	4.4	4.0	4.0
1965	6.7	5.5	5.5	4.4	4.4	4.1	4.1	4.7	3.3	3.3	5.1	5.1
1966	5.8	4.5	4.4	4.4	4.7	5.6	4.8	4.8	4.4	4.4	4.0	4.0
1967	6.5	4.0	4.4	4.4	4.1	4.6	4.4	4.4	4.4	4.4	4.0	4.0
1968	5.0	4.4	4.4	4.4	4.0	4.8	4.4	4.4	4.4	4.4	4.0	4.0
1969	5.6	5.6	5.5	5.5	4.7	5.1	4.6	4.2	4.7	4.7	5.7	5.8
1970	5.6	5.5	5.5	5.5	4.7	5.1	4.1	4.1	4.9	4.9	5.7	5.8
1971	5.6	5.4	5.5	5.5	4.7	4.6	4.1	4.1	4.9	4.9	5.7	5.7
1972	5.6	5.4	5.5	5.5	4.7	4.6	4.1	4.1	4.9	4.9	5.7	5.7
1973	5.6	5.4	5.5	5.5	4.7	4.6	4.1	4.1	4.9	4.9	5.7	5.7
1974	5.6	5.3	5.6	5.5	5.5	5.1	4.6	3.9	2.9	2.1	4.5	3.7
1975	5.6	5.3	5.2	5.5	5.5	5.1	4.6	3.9	2.9	2.1	4.5	4.8

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT 22.5(CENTEP) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.6
 LARGEST HS(METRES)= 12.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 198.0
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 59021612
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	13 29	6	1	.	.	11 10	1	1	.	1	14
2.0-2.9	.	.	.	.	.	.	.	.	.	.	11
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	42	6	7	0	21	1	2	0	1	0	51.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.9	NO. OF CASES=					
STATION 13 35.4N 122.16W AZIMUTH(DEGREES) = 0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	11 11	1	8	.	.	1	.	1	1	.	14
2.0-2.9	.	1	8	.	.	1	.	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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12	1	8	0	1	0	1	1	0	0	17.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	8.0	NO. OF CASES=					
STATION 13 35.4N 122.16W AZIMUTH(DEGREES) = 22.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	11 11	1	8	.	.	1	.	1	1	.	14
2.0-2.9	.	1	8	.	.	1	.	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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	12	1	8	0	1	0	1	1	0	0	17.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	8.0	NO. OF CASES=					
STATION 13 35.4N 122.16W AZIMUTH(DEGREES) = 45.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	11 11	1	8	1	1	1	.	.	.	.	14
2.0-2.9	.	1	8	1	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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	4	1	1	2	0	0	0	0	0	14.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	7.0	NO. OF CASES=					
STATION 13 35.4N 122.16W AZIMUTH(DEGREES) = 67.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	11 11	1	8	1	1	1	.	.	.	.	14
2.0-2.9	.	1	8	1	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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	9	1	0	1	0	0	0	0	0	10.
MEAN HS(M) =	2.5	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	6.9	NO. OF CASES=					

HEIGHT(METRES)	STATION 13 35.41N 122.16W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER			
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2					
0.-0.9	.	.	.	.	.	.	.	.	.	.
1.0-1.9	.	.	.	.	.	.	.	.	.	.	8		
2.0-2.9	.	1	1	.	.	.	.	1	1	.	13		
3.0-3.9	.	1	1	.	.	.	.	.	.	.	5		
4.0-4.9	.	5	.	.	.	.	.	.	.	.	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+	0	19	1	0	0	0	1	1	0	0	0	0	
TOTAL	0	19	1	0	0	0	1	1	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
PEAK PERIOD(SECONDS)													
4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER			
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2					
0.-0.9	.	.	.	.	.	.	.	.	.	.	0		
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0		
2.0-2.9	.	0	.	.	.	.	.	.	.	.	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	9	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	9	0	0	0	0	0	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
PEAK PERIOD(SECONDS)													
4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER			
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2					
0.-0.9	.	.	.	.	.	.	.	.	.	.	0		
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0		
2.0-2.9	.	1	.	.	.	.	.	.	.	.	1		
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	11	0	0	0	0	0	0	0	0	0	0	
TOTAL	0	11	0	0	0	0	0	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
PEAK PERIOD(SECONDS)													
4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER			
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2					
0.-0.9	.	.	.	.	.	.	.	.	.	.	0		
1.0-1.9	.	1	1	.	.	.	.	.	.	.	2		
2.0-2.9	i	11	.	.	.	.	.	.	.	.	18		
3.0-3.9	1	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+	i	29	0	0	11	0	0	0	0	0	0	0	
TOTAL	i	29	0	0	11	0	0	0	0	0	0	0	
MEAN HS(M) =	2.9	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.8	NO. OF CASES=							26.

HEIGHT(METRES)	STATION 13 35.41N 122.16W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0	
1.0-1.9	.	.	8	.	5	.	.	.	.	.	.	13	
2.0-2.9	.	6	.	.	.	.	.	.	.	.	.	30	
3.0-3.9	.	.	3	.	.	.	.	.	.	.	.	30	
4.0-4.9	.	.	3	.	.	.	.	.	.	.	.	30	
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	0	
6.0-6.9	.	.	1	.	.	.	.	.	.	.	.	0	
7.0-7.9	.	.	1	.	.	.	.	.	.	.	.	0	
8.0-8.9	.	.	1	.	.	.	.	.	.	.	.	0	
9.0-9.9	.	.	1	.	.	.	.	.	.	.	.	0	
10.0+	0	6	11	4	5	0	0	0	0	0	0	0	
TOTAL	0	6	11	4	5	0	0	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) =202.5												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0	
1.0-1.9	1	6	10	.	.	.	.	.	.	.	.	20	
2.0-2.9	26	17	1	3	1	1	1	1	.	.	.	48	
3.0-3.9	13	16	15	15	15	15	15	15	15	15	15	60	
4.0-4.9	.	1	1	1	1	1	1	1	1	1	1	12	
5.0-5.9	.	.	1	1	1	1	1	1	1	1	1	12	
6.0-6.9	.	.	1	1	1	1	1	1	1	1	1	12	
7.0-7.9	.	.	1	1	1	1	1	1	1	1	1	12	
8.0-8.9	.	.	1	1	1	1	1	1	1	1	1	12	
9.0-9.9	.	.	1	1	1	1	1	1	1	1	1	12	
10.0+	1	44	101	19	18	8	1	0	0	0	0	0	
TOTAL	1	44	101	19	18	8	1	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) =225.0												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	1	6	.	.	.	.	.	.	.	.	.	1	
1.0-1.9	20	4	53	8	10	1	5	.	.	.	.	25	
2.0-2.9	18	40	22	13	42	30	5	.	.	.	.	35	
3.0-3.9	.	30	22	17	35	20	1	.	.	.	.	37	
4.0-4.9	.	22	46	17	11	17	3	.	.	.	.	40	
5.0-5.9	.	.	10	1	1	10	.	.	.	.	.	18	
6.0-6.9	.	.	1	1	1	1	.	.	.	.	.	21	
7.0-7.9	.	.	1	1	1	1	.	.	.	.	.	6	
8.0-8.9	.	.	1	1	1	1	.	.	.	.	.	0	
9.0-9.9	.	.	1	1	1	1	.	.	.	.	.	0	
10.0+	39	99	206	66	100	78	9	0	0	0	0	0	
TOTAL	39	99	206	66	100	78	9	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) =247.5												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	1	6	.	.	.	.	.	.	.	.	.	1	
1.0-1.9	23	18	25	8	.	11	.	.	.	.	.	85	
2.0-2.9	10	49	64	123	112	32	1	1	1	1	.	378	
3.0-3.9	205	47	76	212	215	100	.	.	.	.	.	870	
4.0-4.9	.	20	65	39	97	275	66	.	.	.	.	564	
5.0-5.9	.	.	27	20	5	46	66	1	1	1	.	165	
6.0-6.9	.	.	1	1	1	8	15	3	.	.	.	28	
7.0-7.9	.	.	1	1	1	.	.	.	.	.	.	0	
8.0-8.9	.	.	1	1	1	.	.	.	.	.	.	0	
9.0-9.9	.	.	1	1	1	.	.	.	.	.	.	0	
10.0+	33	162	228	269	426	599	165	5	1	0	0	0	
TOTAL	33	162	228	269	426	599	165	5	1	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	18.2-	22.3-	LONGER	
0.-0.9	5	36	20											26
1.0-1.9	27	36	268	171	97	48	1							704
2.0-2.9	71	83	90	429	930	590	169	22						2502
3.0-3.9		83	90	142	607	1394	446	25						2802
4.0-4.9	.	18	23	17	138	653	845	11						1705
5.0-5.9	.	.	8	1	8	73	280	100						470
6.0-6.9	.	.	.	.	6	54	22							62
7.0-7.9	.	.	.	.	3	25								25
8.0-8.9	.	.	.	.	.	5								5
9.0-9.9	.	.	.	.	.	.								0
TOTAL	103	223	730	760	1780	2766	1797	212	11	0				0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	18.2-	22.3-	LONGER	
0.-0.9	66	35	171	20				11						303
1.0-1.9	684	1557	5754	2910	1724	485	63	10						13190
2.0-2.9	781	1634	2674	4760	7830	4763	959	54	11					32422
3.0-3.9		1986	983	585	323	6811	3027	184	12					16852
4.0-4.9	.	126	786	66	229	1911	3026	144	8					6818
5.0-5.9	.	.	92	30	6	116	1028	515						1789
6.0-6.9	.	.	3	5	5	131	186							325
7.0-7.9	.	.	3	5	5	22	61							325
8.0-8.9	.	.	3	5	5	22	61							325
9.0-9.9	.	.	3	5	5	23								325
TOTAL	1531	7338	10461	8374	13052	14108	8606	1347	35	0				0
MEAN HS(M) =	2.8	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	10.7	NO. OF CASES=	37916.							

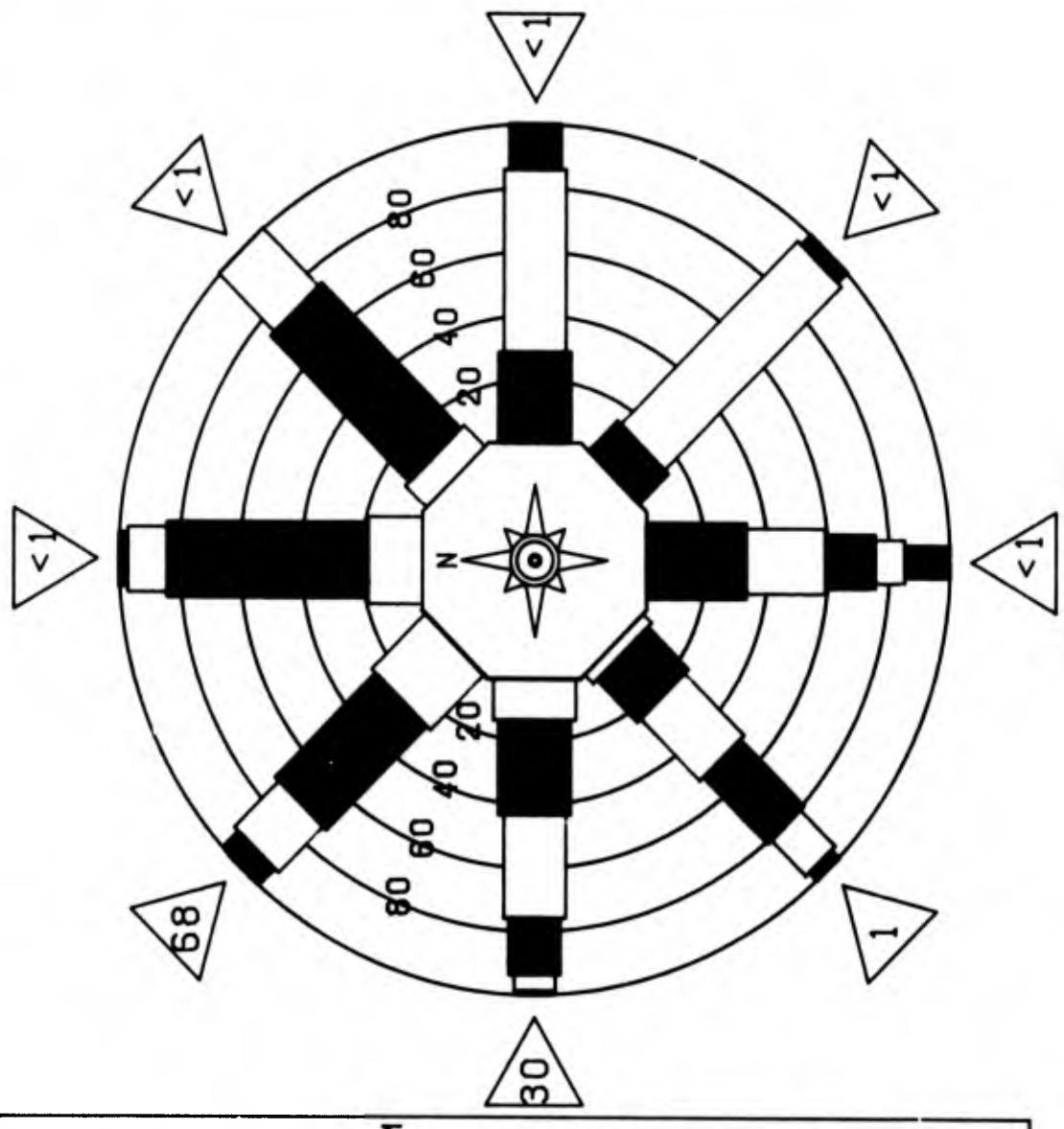
STATION 13 35.41N 122.16W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	18.2-	22.3-	LONGER	
0.-0.9	8	41	61	3										113
1.0-1.9	1906	1827	2044	265	171	70	46							6329
2.0-2.9	1952	5158	2265	1066	817	311	46							11598
3.0-3.9		1353	659	315	645	530	66	3						3587
4.0-4.9	.	71	211	17	51	232	59							689
5.0-5.9	.	1	11	5	5	42	39							115
6.0-6.9	.	.	.	.	.	.	.							0
7.0-7.9	.	.	.	.	.	.	.							0
8.0-8.9	.	.	.	.	.	.	.							0
9.0-9.9	.	.	.	.	.	.	.							0
TOTAL	3866	8431	5248	1740	1689	1189	262	3	3	3	0			0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	18.2-	22.3-	LONGER	
0.-0.9	213	26	10	6	8	1								0
1.0-1.9	220	402	83	32	30	22	1							267
2.0-2.9		118	10	1	10	22	1							170
3.0-3.9	.	6	10	.	.	.	.	.	.	.	.	.		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
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
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-		
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER		
0.-0.9	8	7	25	2	200	1	10	1	.	.	43	
1.0-1.9	289	347	815	337	642	777	578	119	1	2	2050	
2.0-2.9	311	927	544	642	116	479	903	355	27	2	4110	
3.0-3.9	.	374	182	116	55	309	435	32	.	.	2435	
4.0-4.9	.	28	124	10	4	29	141	32	.	.	1002	
5.0-5.9	.	.	20	2	3	20	61	.	.	.	265	
6.0-6.9	.	.	.	.	.	.	20	2	.	.	46	
7.0-7.9	.	.	.	.	.	.	2	2	.	.	10	
8.0-8.9	.	.	.	.	.	.	2	2	.	.	2	
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	
10.0+	.	.	.	.	.	.	.	.	.	.	0	
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

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 13 (35.41N 122.16W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.3	3.0	2.9	2.6	2.4	2.7	2.0	2.0	1.6	2.3	2.4	2.6	3.5
1957	3.0	3.1	3.0	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1958	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1959	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1960	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1961	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1962	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1963	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1964	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1965	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1966	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1967	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1968	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1969	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1970	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1971	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1972	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1973	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1974	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
1975	3.0	3.0	2.9	2.7	2.0	2.6	2.0	2.0	1.9	2.1	2.1	2.0	3.8
MEAN	3.4	3.5	3.2	3.0	2.6	2.4	2.2	2.0	2.0	2.4	3.1	3.6	

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

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.1	4.6	5.9	4.9	4.1	3.9	3.0	4.1	2.9	3.3	3.8	3.7
1957	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1958	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1959	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1960	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1961	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1962	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1963	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1964	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1965	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1966	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1967	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1968	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1969	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1970	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1971	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1972	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1973	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1974	5.0	5.0	4.7	4.9	4.1	3.4	3.4	4.0	3.4	4.3	4.1	3.9
1975	5.4	5.3	5.8	3.5	4.9	4.7	4.1	3.1	2.2	4.2	3.9	4.9

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.2
 MOST FREQUENT 22.51(CENTER) DIRECTION BAND (DEGREES)= 282.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.7
 LARGEST HS(METRES)= 8.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 254.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 64011903

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL							
	PEAK PERIOD(SECONDS)																	
0.-0.9	20	.	1	.	1	.	.	.	.	.	20						
1.0-1.9	17	.	.	.	1	.	.	1	.	.	15							
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	37	0	1	0	3	0	0	1	0	0	27.							
MEAN HS(M) = 2.1	LARGEST HS(M)= 3.5	MEAN TP(SEC)= 6.3	NO. OF CASES=															
STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 0																		
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL							
	PEAK PERIOD(SECONDS)																	
0.-0.9	4	6.0	6.1-	8.0	8.1-	9.5	10.6-	10.5	11.7	11.8-	13.3	13.4-	15.4-	18.1	18.2-	22.3-	LONGER	0
1.0-1.9	5	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	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	6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5.	
MEAN HS(M) = 2.1	LARGEST HS(M)= 2.4	MEAN TP(SEC)= 5.9	NO. OF CASES=															
STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 22.5												PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION				TOTAL		
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION				TOTAL		
	4.4- 6.1- 8.1- 9.6- 10.6- 11.6- 11.7 11.8- 13.4- 15.4- 18.2- 22.3- LONGER											4.4- 6.1- 8.1- 9.5- 10.5 11.7 11.8- 13.3 15.3 18.1 22.2 LONGER				TOTAL		
0.-0.9	3	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
1.0-1.9	8	.	.	.	1	1	.	.	.	.	.	10	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
10.0+	11	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	9.
MEAN HS(M) = 2.0	LARGEST HS(M)= 2.4	MEAN TP(SEC)= 6.3	NO. OF CASES=															
STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 45.0												PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION				TOTAL		
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											4.4- 6.1- 8.1- 9.6- 10.6- 11.6- 11.7 11.8- 13.4- 15.4- 18.2- 22.3- LONGER				TOTAL		
	4.4- 6.1- 8.0 8.1- 9.5- 10.5 11.7 11.8- 13.3 15.3 18.1 22.2 LONGER											4.4- 6.1- 8.1- 9.5- 10.5 11.7 11.8- 13.3 15.3 18.1 22.2 LONGER				TOTAL		
0.-0.9	3	.	.	.	1	.	.	.	.	.	.	0	.	.	.	.	0
1.0-1.9	8	.	.	.	1	1	.	.	.	.	.	10	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
10.0+	11	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	9.
MEAN HS(M) = 2.0	LARGEST HS(M)= 2.4	MEAN TP(SEC)= 6.3	NO. OF CASES=															
STATION 14 35.81N 121.94W AZIMUTH(DEGREES) = 67.5												PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION				TOTAL		
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											4.4- 6.1- 8.1- 9.6- 10.6- 11.6- 11.7 11.8- 13.4- 15.4- 18.2- 22.3- LONGER				TOTAL		
	4.4- 6.1- 8.0 8.1- 9.5- 10.5 11.7 11.8- 13.3 15.3 18.1 22.2 LONGER											4.4- 6.1- 8.1- 9.5- 10.5 11.7 11.8- 13.3 15.3 18.1 22.2 LONGER				TOTAL		
0.-0.9	3	.	.	.	1	.	.	.	.	.	.	0	.	.	.	.	0
1.0-1.9	3	.	.	.	1	.	.	.	.	.	.	0	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	0
10.0+	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.
MEAN HS(M) = 2.1	LARGEST HS(M)= 2.3	MEAN TP(SEC)= 6.6	NO. OF CASES=															

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
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+	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) =	2.8	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	1	.	.	.	.	.	.	.	.	6
3.0-3.9	3	5	.	.	.	.	.	.	.	.	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+	9	6	0	0	0	0	0	0	0	0	0	
TOTAL	9	6	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	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+	2	0	0	0	0	0	0	0	0	0	0	
TOTAL	2	0	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	1	1	.	1	.	.	.	.	.	5
2.0-2.9	3	1	5	.	.	.	.	.	.	.	6
3.0-3.9	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+	4	6	0	1	0	0	0	0	0	0	0	
TOTAL	4	6	0	1	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	19.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	2
2.0-2.9	3	3	11	.	10	.	.	.	.	.	.	.	11
3.0-3.9	8	3	.	.	.	.	.	.	.	.	.	.	10
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	.	1
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	11	4	12	1	10	0	0	0	0	0	0	0	25.
MEAN HS(M) =	2.9	LARGEST HS(M)=	6.6	MEAN TP(SEC)=	8.3	NO. OF CASES=							

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	19.2-	22.3-	LONGER
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	.	1
1.0-1.9	5	4	6	3	15	1	.	.	.	.	.	.	10
2.0-2.9	20	18	24	10	1	.	.	.	.	.	.	.	53
3.0-3.9	10	24	10	1	1	.	.	.	.	.	.	.	65
4.0-4.9	.	10	10	1	1	.	.	.	.	.	.	.	11
5.0-5.9	.	10	1	1	1	.	.	.	.	.	.	.	14
6.0-6.9	.	1	1	1	1	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	1	3	.	.	.	.	.	.	4
8.0-8.9	.	.	.	.	1	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	1	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	33	79	20	27	13	0	0	0	0	0	0	112.
MEAN HS(M) =	4.2	LARGEST HS(M)=	9.9	MEAN TP(SEC)=	9.1	NO. OF CASES=							

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	19.2-	22.3-	LONGER
0.-0.9	17	1	16	.	.	.	1	.	.	.	.	.	0
1.0-1.9	20	41	30	22	23	15	.	.	.	.	.	.	151
2.0-2.9	29	35	27	22	22	41	6	.	.	.	.	.	162
3.0-3.9	22	27	18	20	11	11	13	.	.	.	.	.	209
4.0-4.9	.	27	5	.	.	.	10	.	.	.	.	.	15
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	37	93	190	87	95	109	35	0	0	0	0	0	0
TOTAL	37	93	190	87	95	109	35	0	0	0	0	0	386.
MEAN HS(M) =	3.8	LARGEST HS(M)=	7.3	MEAN TP(SEC)=	9.7	NO. OF CASES=							

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.1-	19.2-	22.3-	LONGER
0.-0.9	8	5	27	42	8	27	.	.	.	.	.	.	0
1.0-1.9	6	39	39	54	171	87	15	1	.	.	.	.	117
2.0-2.9	39	39	42	90	273	47	1	.	.	.	.	.	553
3.0-3.9	27	66	16	54	171	34	1	.	.	.	.	.	402
4.0-4.9	.	1	1	5	18	34	10	1	.	.	.	.	79
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	14	159	171	167	328	579	161	6	0	0	0	0	0
TOTAL	14	159	171	167	328	579	161	6	0	0	0	0	938.
MEAN HS(M) =	3.4	LARGEST HS(M)=	6.9	MEAN TP(SEC)=	11.0	NO. OF CASES=							

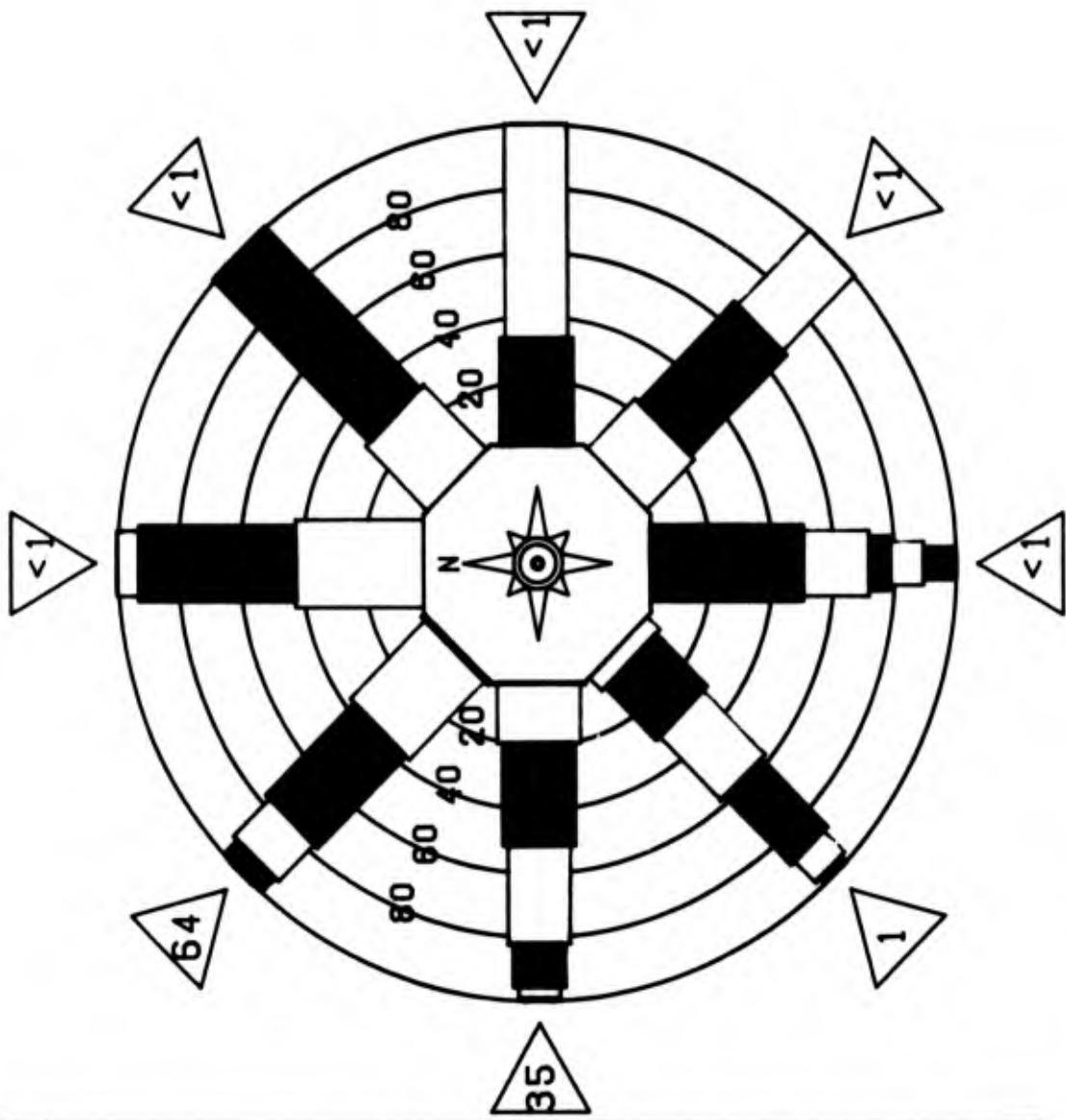
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	11	3	39	5	225	229	126	8	.	.	.	58
1.0-1.9	29	41	354	225	299	672	693	152	3	.	.	1012
2.0-2.9	39	78	162	423	66	426	1232	521	18	.	.	3298
3.0-3.9	.	54	132	66	3	595	556	252	41	.	.	3240
4.0-4.9	.	10	20	3	80	1	41	169	41	.	.	1077
5.0-5.9	.	.	.	.	.	6	20	18	.	.	.	252
6.0-6.9	.	.	.	.	.	3	10	.	.	.	.	44
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	13
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
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.					

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	212	268	585	8	6	11	107	20	1	.	.	1090
1.0-1.9	847	4635	10126	4691	2667	684	1401	87	.	.	.	2778
2.0-2.9	807	3305	3678	5325	9336	6575	7710	3624	244	.	.	30514
3.0-3.9	10	1066	1168	593	2982	1671	3692	595	10	.	.	17327
4.0-4.9	.	130	412	128	236	1671	3692	595	.	.	.	6694
5.0-5.9	.	5	58	58	6	92	892	564	.	.	.	1661
6.0-6.9	.	.	.	1	1	5	195	.	.	.	.	299
7.0-7.9	.	.	.	.	.	17	61	.	.	.	.	70
8.0-8.9	.	.	.	.	.	.	15	.	.	.	.	15
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
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.					

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	3	85	30	191	6	20	11	3	.	.	.	124
1.0-1.9	978	1122	872	472	468	210	154	25	1	.	.	3157
2.0-2.9	699	1026	1233	472	468	210	154	25	1	.	.	3050
3.0-3.9	6	54	328	85	8	15	13	3	.	.	.	803
4.0-4.9	.	5	8	15	.	.	.	.	.	.	.	44
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	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	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.					

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	94	32	22	3	5	5	1	1	1	.	.	156
1.0-1.9	95	14	21	18	20	8	6	175
2.0-2.9	3	6	1	10	8	1	26
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	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.					

HEIGHT(METRES)	STATION 14 35.8IN 121.94W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	22	35	65	1	29	82	12	2	1	1	125
1.0-1.9	200	589	1141	515	1067	744	150	5	1	1	2843
2.0-2.9	172	251	516	616	1067	744	150	5	1	1	2764
3.0-3.9	153	153	168	61	374	644	455	20	1	1	2140
4.0-4.9	20	10	8	4	225	455	41	1	1	1	2058
5.0-5.9	.	.	10	3	17	110	60	.	.	.	2058
6.0-6.9	.	.	.	1	1	12	21	.	.	.	36
7.0-7.9	.	.	.	.	.	1	1	.	.	.	1
8.0-8.9	.	.	.	.	.	1	1	.	.	.	1
9.0-9.9	.	.	.	.	.	1	1	.	.	.	1
10.0+	.	.	.	.	.	1	1	.	.	.	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=					



STATION 14
 35.81N. 121.94W
 58440 CASES

AMPLITUDE (H)	CASES
OVER 5.9 H	
5.0-5.9 H	
4.0-4.9 H	
3.0-3.9 H	
2.0-2.9 H	
1.0-1.9 H	
0.0-0.9 H	



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

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	2.0	2.0	2.0	2.4	2.4	2.5	1.7	2.1	1.5	2.0	2.0	2.0	2.4
1957	2.0	2.0	2.0	2.0	2.0	2.0	1.6	2.0	1.5	2.0	2.0	2.0	2.5
1958	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.6
1959	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.6
1960	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1961	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1962	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1963	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1964	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1965	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1966	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1967	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1968	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1969	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1970	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1971	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1972	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1973	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1974	2.0	2.0	2.0	2.0	2.0	2.0	1.4	2.0	1.5	2.0	2.0	2.0	2.4
1975	2.7	3.1	3.3	2.3	2.3	2.0	2.0	1.5	1.0	2.3	2.5	2.7	2.3
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
WIS STATION 14 (35.81N 121.94W)

YEAR	MONTH												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.9	4.4	5.3	6.0	7.0	6.3	6.0	6.1	6.0	6.3	6.0	6.0	6.6
1957	4.6	7.1	4.5	6.7	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1958	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1959	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1960	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1961	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1962	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1963	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1964	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1965	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1966	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1967	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1968	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1969	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1970	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1971	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1972	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1973	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1974	4.9	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6
1975	5.3	6.0	4.6	6.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.6

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

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 2.5
 LARGEST HS(METRES)= 6.6
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 11.1
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 201.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 59021609

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.-0.9												0
1.0-1.9												2
2.0-2.9												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
TOTAL	21	0	0	3	1	1	0	2	0	0	0	19.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	7.6	NO. OF CASES=						
STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.-0.9												0
1.0-1.9												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	6	0	3	0	3	0	0	0	0	0	0	8.
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.6	NO. OF CASES=						
STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 22.5												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.-0.9												0
1.0-1.9												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	6	0	3	0	3	0	0	0	0	0	0	8.
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.8	MEAN TP(SEC)=	7.6	NO. OF CASES=						
STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 45.0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.2-	22.3-	
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	11	3	0	0	2	0	0	1	0	0	0	12.
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.7	MEAN TP(SEC)=	7.5	NO. OF CASES=						
STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 67.5												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.2-	22.3-	
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	3	0	0	0	1	0	0	0	0	0	0	3.
MEAN HS(M) =	2.1	LARGEST HS(M)=	2.2	MEAN TP(SEC)=	7.4	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	8	.	1	.	.	.	.	.	.	.	5
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
TOTAL	8	1	1	0	0	0	0	0	0	0	7.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	1	.	.	.	.	.	.	.	3
2.0-2.9	.	15	.	.	.	.	.	.	.	.	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
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	0
1.0-1.9	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
TOTAL	0	8	0	0	0	0	0	1	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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	0
1.0-1.9	1	8	1	.	.	1	.	.	.	.	1
2.0-2.9	.	14	3	.	.	.	.	.	.	.	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
TOTAL	1	22	1	0	1	0	0	0	0	0	17.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	6	10	1	3	3	3	3	3	3	3	3	17
2.0-2.9	.	20	10	1	3	3	3	3	3	3	3	3	20
3.0-3.9	.	1	21	1	3	3	3	3	3	3	3	3	14
4.0-4.9	.	.	1	3	3	3	3	3	3	3	3	3	14
5.0-5.9	.	.	.	1	3	3	3	3	3	3	3	3	14
6.0-6.9	.	.	.	.	1	3	3	3	3	3	3	3	14
7.0-7.9	.	.	.	.	1	3	3	3	3	3	3	3	14
8.0-8.9	.	.	.	.	1	3	3	3	3	3	3	3	14
9.0-9.9	.	.	.	.	1	3	3	3	3	3	3	3	14
10.0+	.	.	.	.	1	3	3	3	3	3	3	3	14
TOTAL	1	27	14	4	4	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	3	.	.	1	1	1	1	1	1	1	1	1	4
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	15
2.0-2.9	.	10	5	5	5	5	5	5	5	5	5	5	24
3.0-3.9	.	10	5	5	5	5	5	5	5	5	5	5	24
4.0-4.9	.	.	1	1	1	1	1	1	1	1	1	1	10
5.0-5.9	.	.	.	1	1	1	1	1	1	1	1	1	10
6.0-6.9	.	.	.	1	1	1	1	1	1	1	1	1	10
7.0-7.9	.	.	.	1	1	1	1	1	1	1	1	1	10
8.0-8.9	.	.	.	1	1	1	1	1	1	1	1	1	10
9.0-9.9	.	.	.	1	1	1	1	1	1	1	1	1	10
10.0+	.	.	.	1	1	1	1	1	1	1	1	1	10
TOTAL	3	28	102	24	23	12	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	8	6	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	15	30	35	18	15	15	1	1	1	1	1	1	14
2.0-2.9	15	30	41	39	49	25	6	.	.	.	.	.	206
3.0-3.9	10	116	122	47	45	17	11	.	.	.	.	.	145
4.0-4.9	.	40	40	30	30	15	5	10	3	.	.	.	14
5.0-5.9	.	1	1	1	1	1	1	1	1	1	1	1	14
6.0-6.9	.	.	.	1	1	1	1	1	1	1	1	1	14
7.0-7.9	.	.	.	1	1	1	1	1	1	1	1	1	14
8.0-8.9	.	.	.	1	1	1	1	1	1	1	1	1	14
9.0-9.9	.	.	.	1	1	1	1	1	1	1	1	1	14
10.0+	.	.	.	1	1	1	1	1	1	1	1	1	14
TOTAL	23	92	242	144	146	95	29	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	8	140	333	308	501	716	196	18	0	0	0	0	0
1.0-1.9	5	13	25	11	.	23	.	11	1	.	.	.	75
2.0-2.9	5	22	23	104	118	23	11	1	.	.	.	.	378
3.0-3.9	10	138	24	102	105	24	68	.	.	.	.	.	374
4.0-4.9	.	20	47	47	42	102	68	.	.	.	.	.	701
5.0-5.9	.	3	3	.	.	8	37	.	.	.	.	.	284
6.0-6.9	.	.	.	.	.	.	1	6	.	.	.	.	54
7.0-7.9	.	.	.	.	.	.	6	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	140	333	308	501	716	196	18	0	0	0	0	1310.
MEAN HS(M) =	3.9	LARGEST HS(M)=	8.3	MEAN TP(SEC)=	11.0	NO. OF CASES=	1310.						

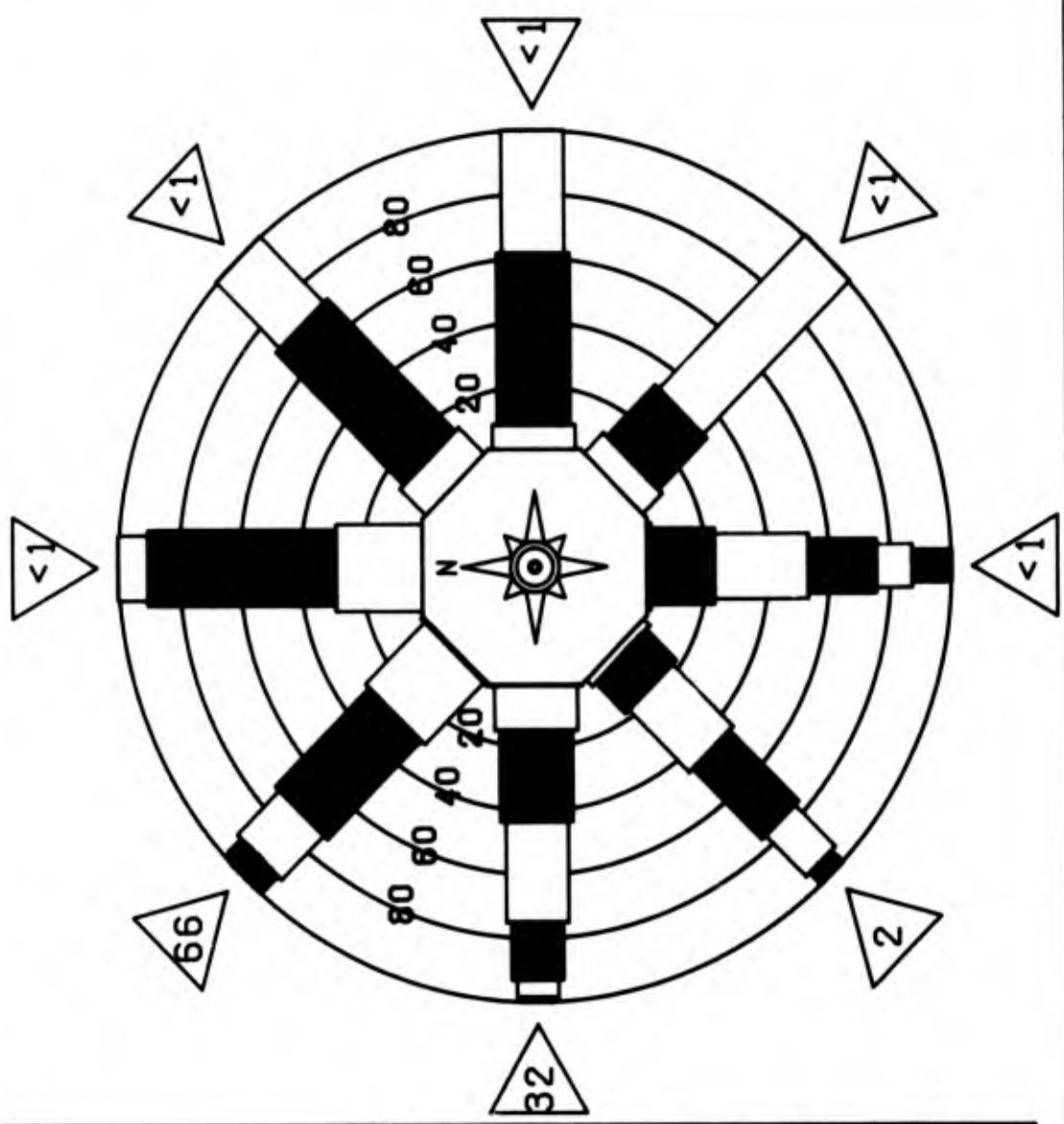
HEIGHT(METRES)	STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 270.0 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
4.0-4.9	4.4	6.0	6.1	8.0	8.1	9.5	10.5	10.6	11.7	11.8	13.3	15.3	18.1	22.2	22.3-LONGER	29
5.0-5.9	10															842
6.0-6.9	39	106	71	265	226	388	124	716	1014	684	176	16				2620
7.0-7.9			71				17	136	1430	467						2891
8.0-8.9				23	35		1	6		566		11				1850
9.0-9.9						6	1	6	102	366	62					1673
10.0+								8	3	12	25					107
TOTAL	74	271	720	768	1974	3038	1997	168	0	0	0	0	0	0	0	
MEAN HS(M) =	3.3	LARGEST HS(M)=	8.4	MEAN TP(SEC)=	11.8	NO. OF CASES=	5280.									

HEIGHT(METRES)	STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 292.5 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
4.0-4.9	4.4	6.0	6.1	8.0	8.1	9.5	10.5	10.6	11.7	11.8	13.3	15.3	18.1	22.2	22.3-LONGER	579
5.0-5.9	107	104	359													15061
6.0-6.9	422	1325	6252	2752	3543	4500	7284	546	1005	5783	1057	58				24607
7.0-7.9	1	1324	900	497	3314	6805	265	2061	3453	3453	229	8				16147
8.0-8.9		97	583	59	11	135	1081	494		112	215					6668
9.0-9.9				56	35	1	3	8	32	58						1812
10.0+											1					336
TOTAL	1017	5992	11137	8650	13382	15037	8908	1418	8	0	0	0	0	0	0	
MEAN HS(M) =	2.8	LARGEST HS(M)=	9.0	MEAN TP(SEC)=	10.9	NO. OF CASES=	38323.									

HEIGHT(METRES)	STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 315.0 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
4.0-4.9	4.4	6.0	6.1	8.0	8.1	9.5	10.5	10.6	11.7	11.8	13.3	15.3	18.1	22.2	22.3-LONGER	150
5.0-5.9	32	46	71													6388
6.0-6.9	1454	2118	2298	314	140	41										9968
7.0-7.9	1452	2132	2326	1146	771	200	67									3353
8.0-8.9		1062	6521	2724	681	291	73	14								3282
9.0-9.9		95	624	60	77	234	34	34	15							125
10.0+			1	18	23	10	34									0
TOTAL	2938	7391	5662	1841	1679	1018	219	19	1	0	0	0	0	0	0	
MEAN HS(M) =	2.4	LARGEST HS(M)=	6.5	MEAN TP(SEC)=	8.1	NO. OF CASES=	12149.									

HEIGHT(METRES)	STATION 15 36.02N 122.50W AZIMUTH(DEGREES) = 337.5 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	PEAK PERIOD(SECONDS)															
4.0-4.9	4.4	6.0	6.1	8.0	8.1	9.5	10.5	10.6	11.7	11.8	13.3	15.3	18.1	22.2	22.3-LONGER	0
5.0-5.9	215	92	15	1	25	3										320
6.0-6.9	212	350	42	17	10	10	10									621
7.0-7.9		75	47	8	1											156
8.0-8.9		3														12
9.0-9.9																0
10.0+																0
TOTAL	430	520	112	29	38	16	1	1	1	1	0	0	0	0	678.	
MEAN HS(M) =	2.3	LARGEST HS(M)=	4.4	MEAN TP(SEC)=	6.8	NO. OF CASES=	678.									

HEIGHT(METRES)	STATION 15 36°02'N 122°50'W FOR ALL DIRECTIONS											TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											
4.0-4.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	16.1	22.2			
0.0-0.9	15	15	45	1	225	69	11	.	.	.	.	76
1.0-1.9	219	435	915	410	677	690	127	.	.	.	.	2273
2.0-2.9	720	543	676	502	679	564	242	.	.	.	.	8650
3.0-3.9	269	106	104	503	341	445	37	.	.	.	.	2957
4.0-4.9	.	25	115	24	10	39	156	22	24	.	.	1050
5.0-5.9	.	.	18	16	1	3	5	4	7	.	.	298
6.0-6.9	.	.	.	.	1	1	5	7	3	.	.	54
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	13
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	455	1451	1832	1177	1774	1991	1132	161	0	0		
MEAN HS(M)=	2.8	LARGEST HS(M)=	9.0	MEAN TP(SEC)=	10.3	TOTAL CASES=	58440.					



STATION 15
36.02N, 122.50W
58440 CASES

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	3.3	3.0	3.4	2.9	2.6	2.5	2.6	1.9	2.2	1.6	2.4	2.6	2.6
1957	3.1	2.9	3.2	2.7	2.4	2.1	2.0	1.7	1.8	1.7	1.7	1.7	1.6
1958	3.0	2.8	3.2	2.7	2.4	2.1	2.0	1.7	1.8	1.7	1.7	1.6	1.6
1959	2.9	2.7	3.0	2.6	2.3	2.0	1.9	1.6	1.7	1.6	1.6	1.5	1.5
1960	2.8	2.6	2.9	2.5	2.2	1.9	1.8	1.5	1.6	1.5	1.4	1.4	1.4
1961	2.7	2.5	2.8	2.4	2.1	1.8	1.7	1.4	1.5	1.4	1.3	1.3	1.3
1962	2.6	2.4	2.7	2.3	2.0	1.7	1.6	1.3	1.4	1.3	1.2	1.2	1.2
1963	2.5	2.3	2.6	2.2	1.9	1.6	1.5	1.2	1.3	1.2	1.1	1.1	1.1
1964	2.4	2.2	2.5	2.1	1.8	1.5	1.4	1.1	1.2	1.1	1.0	1.0	1.0
1965	2.3	2.1	2.4	2.0	1.7	1.4	1.3	1.0	1.1	1.0	0.9	0.9	0.9
1966	2.2	2.0	2.3	1.9	1.6	1.3	1.2	0.9	1.0	0.9	0.8	0.8	0.8
1967	2.1	1.9	2.2	1.8	1.5	1.2	1.1	0.8	0.9	0.8	0.7	0.7	0.7
1968	2.0	1.8	2.1	1.7	1.4	1.1	1.0	0.7	0.8	0.7	0.6	0.6	0.6
1969	1.9	1.7	2.0	1.6	1.3	1.0	0.9	0.6	0.7	0.6	0.5	0.5	0.5
1970	1.8	1.6	1.9	1.5	1.2	0.9	0.8	0.5	0.6	0.5	0.4	0.4	0.4
1971	1.7	1.5	1.8	1.4	1.1	0.8	0.7	0.4	0.5	0.4	0.3	0.3	0.3
1972	1.6	1.4	1.7	1.3	1.0	0.7	0.6	0.3	0.4	0.3	0.2	0.2	0.2
1973	1.5	1.3	1.6	1.2	0.9	0.6	0.5	0.2	0.3	0.2	0.1	0.1	0.1
1974	1.4	1.2	1.5	1.1	0.8	0.5	0.4	0.1	0.2	0.1	0.0	0.0	0.0
1975	1.3	1.1	1.4	1.0	0.7	0.4	0.3	0.0	0.1	0.0	0.0	0.0	0.0
MEAN	3.5	3.6	3.3	3.0	2.5	2.4	2.1	1.9	1.9	2.4	3.1	3.6	

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	6.5	4.8	4.1	4.2	4.0	3.7	2.9	3.7	3.7	3.8
1957	4.8	5.4	4.7	4.8	4.7	4.6	4.5	3.9	3.8	3.0	3.7	3.7
1958	5.0	5.9	4.8	4.8	4.7	4.6	4.5	4.8	4.8	4.9	4.7	4.7
1959	4.7	5.0	4.3	4.3	4.2	4.1	4.0	4.7	4.7	4.9	4.7	4.7
1960	4.1	4.6	4.3	4.3	4.2	4.1	4.0	4.1	4.0	4.4	4.3	4.3
1961	4.7	4.8	4.0	4.1	4.7	4.3	4.3	4.8	4.8	4.4	4.4	4.3
1962	4.0	6.0	5.1	4.2	4.2	4.1	4.1	4.6	4.6	5.2	5.1	5.0
1963	7.7	7.5	7.2	7.4	7.4	7.4	7.4	7.6	7.6	7.6	7.6	7.5
1964	9.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1965	6.6	6.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1966	6.0	4.7	5.7	4.7	4.6	4.5	4.5	4.6	4.6	4.5	4.5	4.5
1967	6.5	5.7	4.7	4.7	4.6	4.5	4.5	4.6	4.6	4.6	4.6	4.6
1968	4.6	4.5	4.6	4.6	4.5	4.5	4.5	4.6	4.6	4.7	4.6	4.6
1969	5.8	6.4	5.0	5.0	5.0	5.0	5.0	5.9	5.9	5.9	5.9	5.9
1970	5.0	6.2	5.0	5.0	5.0	5.0	5.0	5.9	5.9	5.9	5.9	5.9
1971	5.7	5.1	5.7	5.7	5.5	5.5	5.5	5.7	5.7	5.7	5.7	5.7
1972	5.7	4.8	4.9	4.9	4.7	4.7	4.7	5.6	5.6	5.6	5.6	5.6
1973	7.1	5.7	6.4	6.3	6.4	6.4	6.4	6.6	6.6	6.6	6.6	6.6
1974	5.5	5.4	5.8	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7
1975	5.5	5.4	5.8	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7

20 YR. STATISTICS FOR PACIFIC STATION 15 (36.02N 122.50W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PERIOD (SECONDS)= 10.4
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.1
 STANDARD DEVIATION OF TP(SECONDS)= 2.6
 LARGEST HS(METRES)= 9.0
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 295.0
 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.-0.9																				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	14	53	2	0	6	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
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.-0.9																				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	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
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.-0.9																				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	7	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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.-0.9																				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	3	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	7.7	NO. OF CASES=	6.														

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL									
	PEAK PERIOD(SECONDS)																					
0.-0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
0.0-0.9																						
0.0-1.9																						
0.0-2.9																						
0.0-3.9																						
0.0-4.9																						
0.0-5.9																						
0.0-6.9																						
0.0-7.9																						
0.0-8.9																						
0.0-9.9																						
10.0+																						
TOTAL		10	3	0	0	0	0	0	0	0	0	0	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) =	90.0																		
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												PEAK PERIOD(SECONDS)		TOTAL							
0.-0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
0.0-0.9																						
0.0-1.9																						
0.0-2.9																						
0.0-3.9																						
0.0-4.9																						
0.0-5.9																						
0.0-6.9																						
0.0-7.9																						
0.0-8.9																						
0.0-9.9																						
10.0+																						
TOTAL		0	15	1	0	1	0	0	0	0	0	0	0	0	0	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) =	112.5																		
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												PEAK PERIOD(SECONDS)		TOTAL							
0.-0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
0.0-0.9																						
0.0-1.9																						
0.0-2.9																						
0.0-3.9																						
0.0-4.9																						
0.0-5.9																						
0.0-6.9																						
0.0-7.9																						
0.0-8.9																						
0.0-9.9																						
10.0+																						
TOTAL		1	6	2	0	0	0	0	0	0	0	0	0	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) =	135.0																		
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												PEAK PERIOD(SECONDS)		TOTAL							
0.-0.9	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER		
0.0-0.9																						
0.0-1.9																						
0.0-2.9																						
0.0-3.9																						
0.0-4.9																						
0.0-5.9																						
0.0-6.9																						
0.0-7.9																						
0.0-8.9																						
0.0-9.9																						
10.0+																						
TOTAL		1	27	6	1	0	0	0	0	0	0	0	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0
1.0-1.9	0
2.0-2.9	.	.	10	.	1	.	.	.	.	.	.	1
3.0-3.9	.	22	10	.	.	3	1	.	.	.	.	1
4.0-4.9	.	3	10	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	1	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	1	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	1	.	.	.	.	.	.	.	.	1
9.0-9.9	.	.	1	.	.	.	.	.	.	.	.	1
10.0+	.	.	1	.	.	.	.	.	.	.	.	0
TOTAL	0	25	22	2	4	3	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	16	15	15	15	15	10	.	.	.	.	49
2.0-2.9	.	15	15	15	15	15	10	.	.	.	.	75
3.0-3.9	.	17	15	15	17	15	10	.	.	.	.	100
4.0-4.9	.	17	15	15	17	15	10	.	.	.	.	100
5.0-5.9	.	17	15	15	17	15	10	.	.	.	.	100
6.0-6.9	.	17	15	15	17	15	10	.	.	.	.	100
7.0-7.9	.	17	15	15	17	15	10	.	.	.	.	100
8.0-8.9	.	17	15	15	17	15	10	.	.	.	.	100
9.0-9.9	.	17	15	15	17	15	10	.	.	.	.	100
10.0+	.	17	15	15	17	15	10	.	.	.	.	0
TOTAL	7	60	148	82	49	44	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	6	6	.	.	.	.	.	.	.	.	0
1.0-1.9	6	16	15	15	15	15	10	.	.	.	.	100
2.0-2.9	6	15	15	15	15	15	10	.	.	.	.	100
3.0-3.9	6	15	15	15	15	15	10	.	.	.	.	100
4.0-4.9	6	15	15	15	15	15	10	.	.	.	.	100
5.0-5.9	6	15	15	15	15	15	10	.	.	.	.	100
6.0-6.9	6	15	15	15	15	15	10	.	.	.	.	100
7.0-7.9	6	15	15	15	15	15	10	.	.	.	.	100
8.0-8.9	6	15	15	15	15	15	10	.	.	.	.	100
9.0-9.9	6	15	15	15	15	15	10	.	.	.	.	100
10.0+	6	15	15	15	15	15	10	.	.	.	.	0
TOTAL	7	124	280	197	195	205	55	4	1	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	3	10	17	17	.	.	10	.	.	.	.	0
1.0-1.9	10	14	66	78	119	44	17	1	1	1	1	57
2.0-2.9	10	29	27	41	162	289	20	1	1	1	1	589
3.0-3.9	10	29	27	41	162	289	20	1	1	1	1	146
4.0-4.9	13	86	42	20	23	215	116	.	.	.	.	379
5.0-5.9	13	86	42	20	23	13	17	3	.	.	.	186
6.0-6.9	13	86	42	20	23	13	17	3	.	.	.	186
7.0-7.9	13	86	42	20	23	13	17	3	.	.	.	186
8.0-8.9	13	86	42	20	23	13	17	3	.	.	.	186
9.0-9.9	13	86	42	20	23	13	17	3	.	.	.	186
10.0+	13	86	42	20	23	13	17	3	.	.	.	0
TOTAL	13	106	211	201	379	634	232	18	2	0	0	1061.
MEAN HS(M) =	3.8	LARGEST HS(M)=	8.3	MEAN TP(SEC)=	11.3	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9												0
1.0-1.9	10	26	212	154	106	56	.	.	.	.	.	57
2.0-2.9	27	54	1200	270	701	727	145	5	5	.	.	2145
3.0-3.9	.	35	109	75	458	1197	565	15	.	.	.	1506
4.0-4.9	.	13	39	3	94	574	763	.	.	.	.	361
5.0-5.9	.	.	.	5	59	229	65	.	.	.	.	66
6.0-6.9	.	.	.	.	5	44	17	.	.	.	.	12
7.0-7.9	.	.	.	.	.	6	6	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	37	131	416	508	1447	2631	1772	123	0	0	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9												0
1.0-1.9	15	406	2508	3	1083	385	51	.	.	.	.	106
2.0-2.9	138	403	1127	1907	6885	4642	96	.	.	.	.	6481
3.0-3.9	181	924	1127	3244	3244	6940	3028	210	1	.	.	15259
4.0-4.9	.	1020	766	272	206	2210	3468	5220	6	.	.	6681
5.0-5.9	.	51	426	35	143	1204	5220	.	.	.	.	1000
6.0-6.9	.	.	58	41	17	124	5220	5220	.	.	.	341
7.0-7.9	.	.	.	6	3	37	5220	5220	.	.	.	90
8.0-8.9	.	.	.	.	.	18	.	.	.	.	.	18
9.0-9.9	.	.	.	.	.	6	.	.	.	.	.	6
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	334	2434	4567	5508	11577	14332	8819	1393	7	0	.	0
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

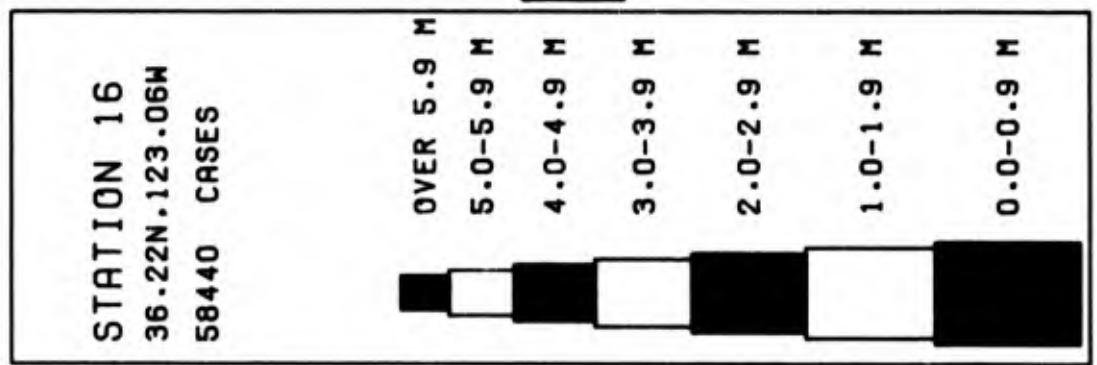
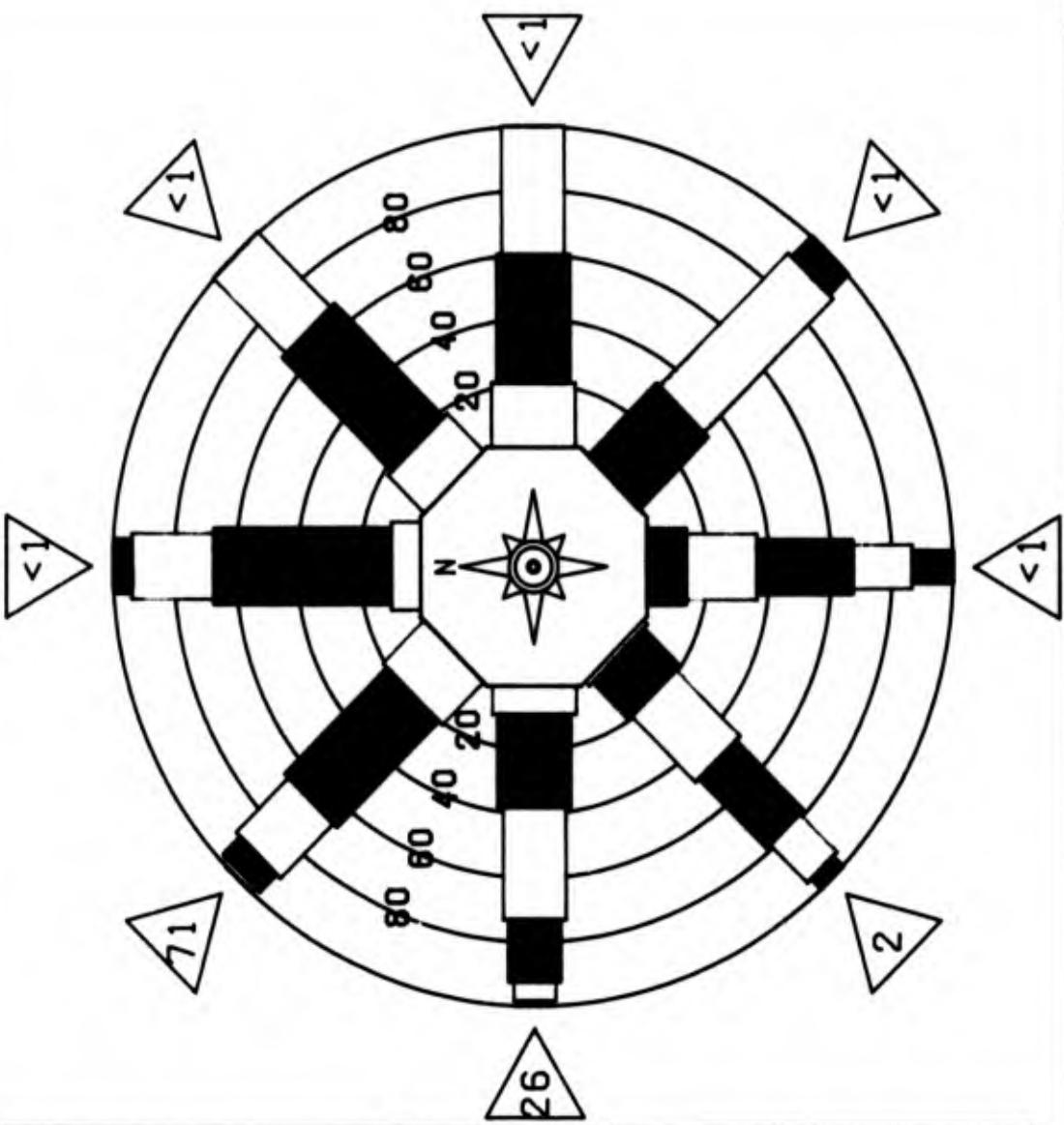
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9												0
1.0-1.9	67	10	51	5	326	66	30	.	.	.	.	113
2.0-2.9	122	2799	3030	655	1652	670	106	2	3	.	.	8153
3.0-3.9	1242	7890	4700	2355	1197	994	128	22	2	.	.	18059
4.0-4.9	.	2556	1844	614	102	494	179	10	.	.	.	7355
5.0-5.9	.	78	837	176	10	66	102	15	8	.	.	1976
6.0-6.9	.	.	112	68	1	3	15	8	.	.	.	30
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	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9												0
1.0-1.9	167	207	39	.	13	.	.	.	.	.	.	426
2.0-2.9	189	1498	231	22	34	5	3	3	5	.	.	1980
3.0-3.9	.	600	366	22	6	15	.	.	.	.	.	966
4.0-4.9	.	3	204	13	.	.	.	.	.	.	.	235
5.0-5.9	.	.	18	11	.	.	.	.	.	.	.	29
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	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°22'N 123.06W FOR ALL DIRECTIONS
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS
 PEAK PERIOD(SECONDS) TOTAL
 HEIGHT(METRES)

	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	TOTAL
0.0-0.9	155	348	581	273	153	52	8	.	.	.	.	1521
1.0-1.9	169	1050	762	605	653	10	121	6	1	.	.	4147
2.0-2.9	445	2273	1008	590	252	157	25	.	.	.	.	2708
3.0-3.9	.	21	167	335	301	450	24	.	.	.	.	1130
4.0-4.9	.	.	30	24	10	30	161	60	.	.	.	350
5.0-5.9	.	.	.	3	1	20	23	.	.	.	.	10
6.0-6.9	.	.	.	.	2	5	7	.	.	.	.	14
7.0-7.9	.	.	.	.	.	2	2	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
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)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.2	3.5	3.0	2.7	2.6	2.8	2.2	2.5	1.7	2.3	2.5	2.7	2.7
1957	4.0	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.0	2.4	2.6	2.8	2.8
1958	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1959	3.7	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1960	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1961	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1962	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1963	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1964	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1965	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1966	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1967	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1968	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1969	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1970	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1971	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1972	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1973	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1974	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
1975	3.8	4.1	3.9	3.7	3.6	3.8	3.2	3.5	2.4	2.7	2.9	3.0	2.9
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)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.1	5.3	5.6	5.0	4.5	3.9	3.6	3.9	3.1	3.8	4.1	4.3
1957	5.0	5.3	5.6	5.0	4.5	3.9	3.6	3.9	3.1	3.8	4.1	4.3
1958	5.0	5.3	5.6	5.0	4.5	3.9	3.6	3.9	3.1	3.8	4.1	4.3
1959	5.0	5.3	5.6	5.0	4.5	3.9	3.6	3.9	3.1	3.8	4.1	4.3
1960	5.7	6.3	6.0	5.5	5.1	4.7	4.4	4.9	4.0	4.2	4.6	4.8
1961	6.7	7.3	6.3	6.0	5.5	5.1	4.7	5.3	4.0	4.2	4.6	4.8
1962	6.0	6.6	6.3	6.0	5.5	5.1	4.7	5.3	4.0	4.2	4.6	4.8
1963	7.9	7.5	7.4	7.0	6.5	6.1	5.7	6.4	5.0	5.2	5.5	5.7
1964	9.1	9.4	9.0	8.7	8.4	8.0	7.7	8.4	6.0	6.2	6.5	6.7
1965	9.1	9.4	9.0	8.7	8.4	8.0	7.7	8.4	6.0	6.2	6.5	6.7
1966	6.1	6.4	6.4	6.0	5.5	5.1	4.7	5.3	4.0	4.2	4.4	4.6
1967	6.3	6.6	6.8	6.2	5.8	5.4	5.0	5.7	4.2	4.4	4.6	4.8
1968	4.7	4.9	4.6	4.5	4.3	4.0	3.7	4.6	3.4	4.2	4.5	4.8
1969	5.6	5.9	5.5	5.0	4.7	4.3	4.0	4.7	3.4	4.0	4.3	4.6
1970	5.4	5.6	5.3	5.0	4.7	4.3	4.0	4.7	3.4	4.0	4.3	4.6
1971	5.9	5.5	5.3	5.0	4.7	4.3	4.0	4.7	3.4	4.0	4.3	4.6
1972	6.7	6.9	6.4	6.0	5.3	4.6	4.2	4.9	3.7	4.3	4.6	4.9
1973	7.1	5.5	5.4	5.0	4.3	4.6	4.2	4.9	3.7	4.3	4.6	4.9
1974	5.3	5.6	6.2	5.9	5.1	4.8	4.1	5.4	2.3	4.4	4.1	4.7
1975	5.3	5.6	6.2	5.9	5.1	4.8	4.1	5.4	2.3	4.4	4.1	4.7

20 YR. STATISTICS FOR PACIFIC STATION 16 (36.22N 123.06W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.9
MEAN PEAK WAVE PERIOD (SECONDS)=	10.4
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.0
STANDARD DEVIATION OF TPI(SECONDS)=	3.0
LARGEST HS(METRES)=	9.1
TP (SECONDS)ASSOC. WITH THE LARGEST HS=	16.7
AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS=	295.0
DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)	64011903

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	PEAK PERIOD(SECONDS)													
0.-0.9	4	4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	1	5	.	.	.	.	i	.	.	.	.	.	0
2.0-2.9	2	2	3	.	.	.	i	.	.	.	.	.	25
3.0-3.9	.	2	.	.	.	.	.	.	.	.	.	.	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	3	7	3	0	0	2	0	0	0	0	0	0	0	
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) = 0.														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	PEAK PERIOD(SECONDS)													
0.-0.9	4	4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	1	5	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	3	.	.	.	.	.	.	.	.	.	.	0
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	6	0	0	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=	4.							
STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 22.5														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	PEAK PERIOD(SECONDS)													
0.-0.9	4	4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	3	3	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	3	.	.	.	.	.	.	.	.	.	.	0
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	6	0	0	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=	4.							
STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 45.0														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	PEAK PERIOD(SECONDS)													
0.-0.9	4	4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	1	5	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	5	.	.	.	.	.	.	.	.	.	.	1
3.0-3.9	.	5	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	0	0	0	
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														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	PEAK PERIOD(SECONDS)													
0.-0.9	4	4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	.	5	.	.	.	.	i	.	.	.	.	.	0
2.0-2.9	.	5	.	.	.	.	i	.	.	.	.	.	0
3.0-3.9	.	5	.	.	.	.	i	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	0	1	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	i	.	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	.	i	.	.	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	i	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	i	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	i	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	i	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	i	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	i	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	i	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	i	.	.	1
TOTAL	i	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	i	.	.	i	.	.	.	.	.	.	.	.	1
2.0-2.9	.	i	.	.	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	i	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	i	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	i	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	i	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	i	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	i	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	i	.	.	.	1
10.0+	.	.	.	.	.	.	.	.	.	i	.	.	1
TOTAL	i	0	1	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	i	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	.	i	.	.	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	i	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	i	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	i	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	i	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	i	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	i	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	i	.	.	.	1
10.0+	4	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	4	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	i	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	i	.	.	.	.	.	.	.	.	.	1
2.0-2.9	.	i	.	.	.	.	.	.	.	.	.	.	1
3.0-3.9	.	.	i	.	.	.	.	.	.	.	.	.	1
4.0-4.9	.	.	.	i	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	i	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	i	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	i	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	i	.	.	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	i	.	.	.	1
10.0+	i	i	i	0	0	0	0	0	0	0	0	0	0
TOTAL	i	i	i	0	0	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.						

HEIGHT(METRES)	STATION 17 36.62N 122.84W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	6	15	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	23
2.0-2.9	3	6	15	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	13
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	3	10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	17	28	1	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39.
MEAN HS(M) =	3.5	LARGEST HS(M)=	7.1	MEAN TP(SEC)=	8.4	NO. OF CASES=														
STATION 17 36.62N 122.84W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																				AZIMUTH(DEGREES) =202.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	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	5	6	5	5	1	5	1	1	1	1	1	1	1	1	1	1	1	1	32
2.0-2.9	.	17	8	20	15	1	20	1	1	1	1	1	1	1	1	1	1	1	1	42
3.0-3.9	.	6	20	15	15	1	20	1	1	1	1	1	1	1	1	1	1	1	1	52
4.0-4.9	.	.	11	11	11	1	11	1	1	1	1	1	1	1	1	1	1	1	1	62
5.0-5.9	.	.	.	6	6	1	6	1	1	1	1	1	1	1	1	1	1	1	1	72
6.0-6.9	.	.	.	.	11	1	11	1	1	1	1	1	1	1	1	1	1	1	1	82
7.0-7.9	.	.	.	.	.	6	6	1	6	1	1	1	1	1	1	1	1	1	1	92
8.0-8.9	.	.	.	.	.	.	6	1	1	1	1	1	1	1	1	1	1	1	1	102
9.0-9.9	.	.	.	.	.	.	.	6	1	1	1	1	1	1	1	1	1	1	1	112
10.0+	.	.	.	.	.	.	.	.	6	1	1	1	1	1	1	1	1	1	1	122
TOTAL	14	28	46	42	52	20	0	0	0	0	0	0	0	0	0	0	0	0	0	126.
MEAN HS(M) =	4.5	LARGEST HS(M)=	8.0	MEAN TP(SEC)=	9.5	NO. OF CASES=														
STATION 17 36.62N 122.84W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																				AZIMUTH(DEGREES) =225.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.0-0.9	1	6	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	34	23	23	23	15	15	15	15	15	15	15	15	15	15	15	15	15	15	142
2.0-2.9	.	42	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	241
3.0-3.9	.	8	44	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	257
4.0-4.9	.	.	44	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	267
5.0-5.9	.	.	.	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	276
6.0-6.9	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	286
7.0-7.9	.	.	.	.	.	6	6	6	6	6	6	6	6	6	6	6	6	6	6	296
8.0-8.9	.	.	.	.	.	.	6	6	6	6	6	6	6	6	6	6	6	6	6	306
9.0-9.9	.	.	.	.	.	.	.	6	6	6	6	6	6	6	6	6	6	6	6	316
10.0+	.	.	.	.	.	.	.	.	6	6	6	6	6	6	6	6	6	6	6	326
TOTAL	4	90	226	234	223	98	35	0	0	0	0	0	0	0	0	0	0	0	0	543.
MEAN HS(M) =	4.3	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	10.0	NO. OF CASES=														
STATION 17 36.62N 122.84W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																				AZIMUTH(DEGREES) =247.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.0-0.9	1	6	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	23	30	13	70	10	15	15	15	15	15	15	15	15	15	15	15	15	15	79
2.0-2.9	1	23	80	119	236	105	155	155	155	155	155	155	155	155	155	155	155	155	155	212
3.0-3.9	1	73	104	87	236	105	155	155	155	155	155	155	155	155	155	155	155	155	155	250
4.0-4.9	.	15	124	66	122	447	85	107	107	107	107	107	107	107	107	107	107	107	107	459
5.0-5.9	.	.	71	71	65	138	107	107	107	107	107	107	107	107	107	107	107	107	107	69
6.0-6.9	.	.	8	11	61	8	41	41	41	41	41	41	41	41	41	41	41	41	41	13
7.0-7.9	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
8.0-8.9	.	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1	0
9.0-9.9	.	.	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	0
10.0+	.	.	.	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	0
TOTAL	7	140	417	373	496	713	278	13	0	0	0	0	0	0	0	0	0	0	0	1438.
MEAN HS(M) =	4.1	LARGEST HS(M)=	9.0	MEAN TP(SEC)=	11.0	NO. OF CASES=														

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	
0.-0.9	11	61	358	5	100	78	6	.	.	.	.	.	34
1.0-1.9	29	61	256	402	905	920	167	17	.	.	.	.	798
2.0-2.9	.	63	80	162	912	1673	639	15	.	.	.	.	2545
3.0-3.9	.	42	15	188	870	961	23	.	.	.	.	.	2117
4.0-4.9	.	13	10	10	145	492	78	.	.	.	.	.	2117
5.0-5.9	.	.	.	.	1	97	58	.	.	.	.	.	723
6.0-6.9	.	.	5	3	3	3	10	.	.	.	.	.	164
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	42
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	42
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	58	236	724	816	2118	3687	2380	201	0	0	0	0	5986.
MEAN HS(M) =	3.4	LARGEST HS(M) =	8.3	MEAN TP(SEC) =	12.0	NO. OF CASES =							

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	
0.-0.9	131	169	352	6	358	1974	621	5	75	27	.	.	663
1.0-1.9	166	1902	6314	3586	476	5224	5261	1125	49	11	.	.	14862
2.0-2.9	316	1694	2614	476	7017	3259	254	2381	3410	400	6	.	14000
3.0-3.9	.	1081	728	480	254	2381	3410	1213	491	.	.	.	15985
4.0-4.9	.	80	472	58	27	165	165	131	273	.	.	.	7061
5.0-5.9	.	1	58	47	8	1	37	37	41	.	.	.	2002
6.0-6.9	.	.	.	.	27	165	165	131	273	.	.	.	413
7.0-7.9	.	.	.	.	.	.	37	37	41	.	.	.	413
8.0-8.9	.	.	.	.	.	.	30	30	34	.	.	.	30
9.0-9.9	.	.	.	.	.	.	8	8	10	.	.	.	8
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	813	5127	10532	8661	13439	15750	9179	1587	17	0	0	0	38063.
MEAN HS(M) =	2.8	LARGEST HS(M) =	9.2	MEAN TP(SEC) =	11.0	NO. OF CASES =							

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

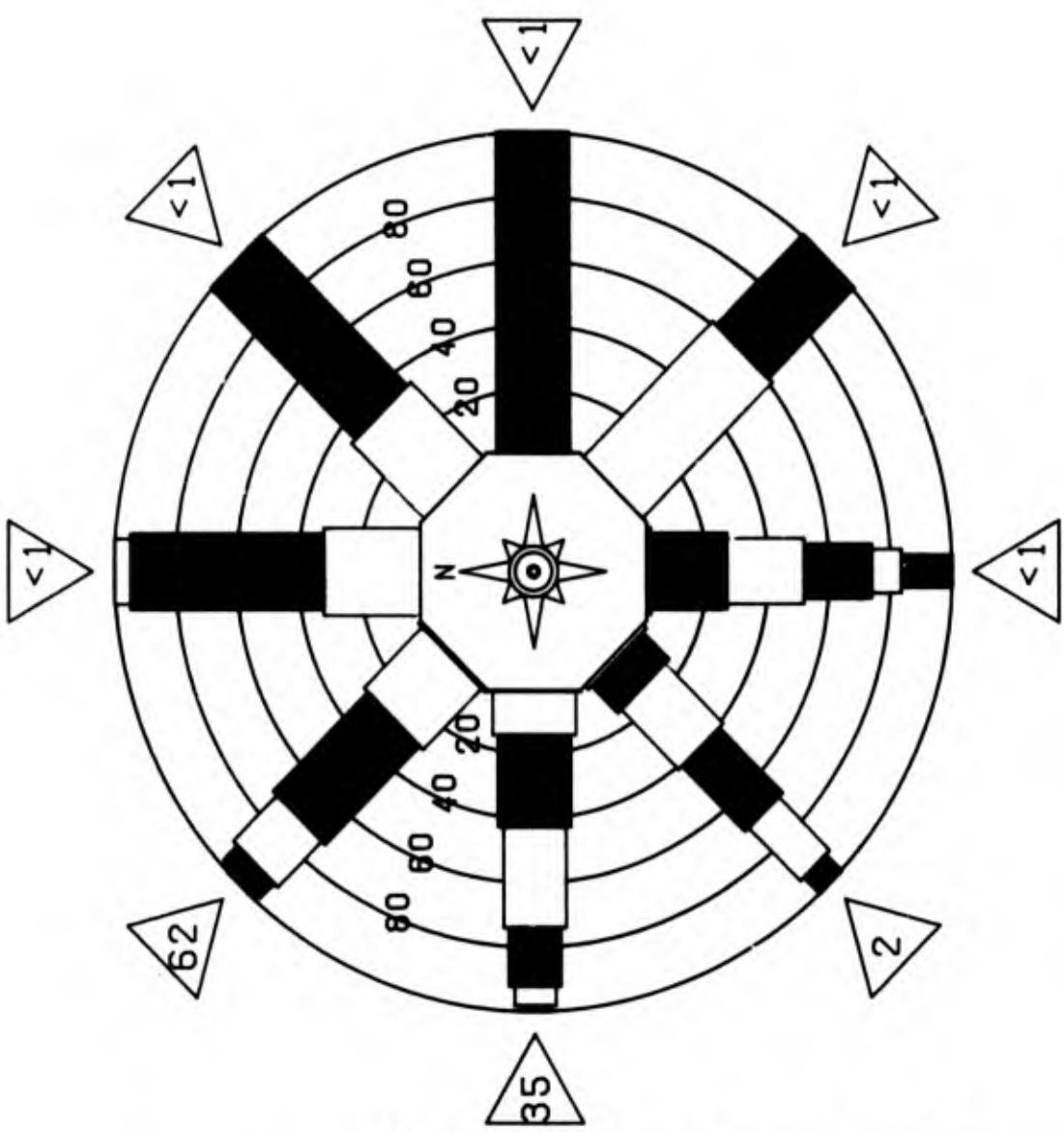
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	
0.-0.9	32	46	47	.	.	.	.	.	.	.	.	.	131
1.0-1.9	1161	1808	2022	314	135	20	10	11	3	.	.	.	5481
2.0-2.9	1257	1769	2303	1269	749	148	32	1	3	.	.	.	9531
3.0-3.9	1	1016	944	292	670	423	80	1	1	.	.	.	3411
4.0-4.9	.	63	261	118	68	236	82	1	1	.	.	.	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	0	0	11390.
MEAN HS(M) =	2.4	LARGEST HS(M) =	5.7	MEAN TP(SEC) =	8.2	NO. OF CASES =							

STATION 17 36.62N 122.84W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

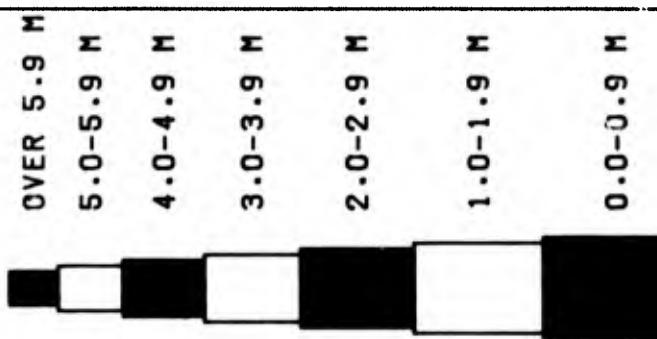
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.3	13.4-	15.4-	18.2-	22.3-	
0.-0.9	266	58	11	.	3	.	.	.	.	.	.	.	0
1.0-1.9	275	479	51	10	23	6	.	i	.	.	.	.	838
2.0-2.9	1	88	77	3	15	.	.	.	.	.	.	.	190
3.0-3.9	.	5	5	1	1	.	.	.	.	.	.	.	11
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	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	i	0	0	0	0	810.
MEAN HS(M) =	2.4	LARGEST HS(M) =	4.5	MEAN TP(SEC) =	6.6	NO. OF CASES =							

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

	4.0-	6.0-	8.0-	10.0-	10.5-	11.0-	11.7-	13.0-	13.3-	13.4-	15.0-	15.3-	18.0-	18.1-	22.0-	22.2-	22.3-	
0.0-0.9	17	21	41	413	221	73	9	3	1	1	1	1	1	1	1	1	1	81
1.0-1.9	184	306	870	630	666	664	137	7	7	7	7	7	7	7	7	7	7	2156
2.0-2.9	193	625	236	630	666	664	137	7	7	7	7	7	7	7	7	7	7	2709
3.0-3.9		239	200	109	517	933	290	29	29	29	29	29	29	29	29	29	29	2417
4.0-4.9	.	19	102	33	71	386	451	451	451	451	451	451	451	451	451	451	451	1105
5.0-5.9	.	.	16	24	16	49	183	57	57	57	57	57	57	57	57	57	57	351
6.0-6.9	.	.	1	4	3	2	20	33	33	33	33	33	33	33	33	33	33	71
7.0-7.9	.	.	.	.	1	1	8	5	5	5	5	5	5	5	5	5	5	16
8.0-8.9	.	.	.	.	.	1	3	3	3	3	3	3	3	3	3	3	3	4
9.0-9.9	.	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
10.0+	TOTAL	394	1297	1769	1214	1801	2111	1206	181	1	0							0
MEAN HS(M)=	2.8	LARGEST HS(M)=	9.2	MEAN TP(SEC)=	10.5	TOTAL CASES=	58440.											



STATION 17
36.62N, 122.84W
58440 CASES



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	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.7
1957	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1958	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1959	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1960	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1961	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1962	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1963	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1964	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1965	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1966	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1967	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1968	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1969	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1970	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1971	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1972	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1973	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1974	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1975	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
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	5.0	5.8	5.7	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
1957	5.9	6.0	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1958	6.1	6.3	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1959	6.4	6.8	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1960	6.5	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1961	6.7	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1962	6.9	7.0	7.0	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
1963	6.9	7.0	7.0	6.9	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
1964	6.9	7.2	7.2	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
1965	6.9	7.2	7.2	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
1966	6.9	7.2	7.2	7.0	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
1967	6.5	6.8	6.8	6.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
1968	6.7	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1969	6.7	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1970	6.8	6.9	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
1971	6.8	6.9	6.9	6.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
1972	6.7	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1973	6.7	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1974	6.9	6.9	6.9	6.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1975	5.4	5.5	6.2	5.6	4.8	4.6	3.5	3.5	3.3	2.0	4.6	4.0	4.7

20 YR. STATISTICS FOR PACIFIC STATION 17 (36.62N 122.84W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.6
 MOST FREQUENT (22.5 CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.1
 STANDARD DEVIATION OF TP(SECONDS)= 2.6
 LARGEST HS(METRES)= 4.0
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 16.7
 AVE DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 294.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 64011903

HEIGHT(METRES)	STATION 18 36.82N 123.41W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9													0
1.0-1.9	3	.	1	.	.	.	.	.	.	.	.	.	0
2.0-2.9	17	87	.	.	.	.	1	.	.	.	.	.	104
3.0-3.9	.	59	8	.	.	.	.	.	.	.	.	.	68
4.0-4.9	.	13	3	.	.	.	.	.	.	.	.	.	16
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	159	12	0	0	0	1	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9													0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	.	.	.	.	.	.	.	.	.	.	.	5
3.0-3.9	.	1	.	.	.	.	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	6	1	0	0	0	0	3	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9													0
1.0-1.9	1	.	1	.	.	.	.	.	.	.	.	.	2
2.0-2.9	3	.	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	4	0	1	0	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9													0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	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+	3	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	3	0	0	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.2	LARGEST HS(M)=	2.3	MEAN TP(SEC)=	5.8	NO. OF CASES=	2.						

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	.	.	i	.	.	.	.	.	.	.	.	0	0
1.0-1.9	5	i	.	.	.	.	.	.	.	.	.	6	6
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	5	i	i	0	0	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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	3	.	.	.	.	i	.	.	.	.	.	0	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	.	4	4
2.0-2.9	.	i	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	6	1	0	0	1	0	0	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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	.	3	.	.	.	i	.	.	.	.	.	0	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	.	4	4
3.0-3.9	.	5	.	.	.	.	.	.	.	.	.	5	5
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	0	8	0	0	1	0	0	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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	.	1	i	.	.	.	.	.	.	.	.	2	2
2.0-2.9	17	.	.	.	.	.	.	.	.	.	.	18	18
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	0	18	1	0	0	0	1	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	1
1.0-1.9	.	5	8	.	.	3	.	.	.	.	.	16
2.0-2.9	.	22	21	.	.	.	.	.	.	.	.	22
3.0-3.9	.	13	29	.	.	.	.	.	.	.	.	42
4.0-4.9	.	.	3	1	3	.	.	.	.	.	.	4
5.0-5.9	.	.	3	1	3	.	.	.	.	.	.	3
6.0-6.9	.	.	1	3	1	.	.	.	.	.	.	4
7.0-7.9	.	.	1	3	1	.	.	.	.	.	.	4
8.0-8.9	.	.	1	3	1	.	.	.	.	.	.	4
9.0-9.9	.	.	1	3	1	.	.	.	.	.	.	0
10.0+	.	.	1	3	1	.	.	.	.	.	.	0
TOTAL	1	40	41	2	9	1	0	0	0	0	0	59.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	30	25	5	8	.	.	.	.	.	.	73
2.0-2.9	47	24	24	20	16	2	.	.	.	.	.	101
3.0-3.9	11	46	20	11	10	1	1	.	.	.	.	124
4.0-4.9	.	58	68	20	15	5	3	.	.	.	.	46
5.0-5.9	.	.	37	15	14	1	1	.	.	.	.	28
6.0-6.9	.	.	15	14	1	.	.	.	.	.	.	0
7.0-7.9	.	.	1	1	1	.	.	.	.	.	.	0
8.0-8.9	.	.	1	5	5	3	1	.	.	.	.	13
9.0-9.9	.	.	1	5	3	1	1	.	.	.	.	0
10.0+	.	.	1	5	3	1	1	.	.	.	.	0
TOTAL	6	88	173	136	63	43	4	0	0	0	0	309.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	8	5	.	.	.	.	.	.	.	.	0
1.0-1.9	11	25	30	34	35	5	1	.	.	.	.	13
2.0-2.9	70	80	58	73	58	8	3	.	.	.	.	141
3.0-3.9	42	123	59	37	106	39	1	.	.	.	.	186
4.0-4.9	.	124	21	44	22	15	1	.	.	.	.	271
5.0-5.9	.	.	20	5	5	13	1	.	.	.	.	41
6.0-6.9	.	.	1	1	5	5	1	.	.	.	.	13
7.0-7.9	.	.	1	1	5	3	1	.	.	.	.	0
8.0-8.9	.	.	1	5	5	3	1	.	.	.	.	0
9.0-9.9	.	.	1	5	3	1	1	.	.	.	.	0
10.0+	.	.	1	5	3	1	1	.	.	.	.	0
TOTAL	11	145	362	223	200	207	82	3	3	0	0	734.

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

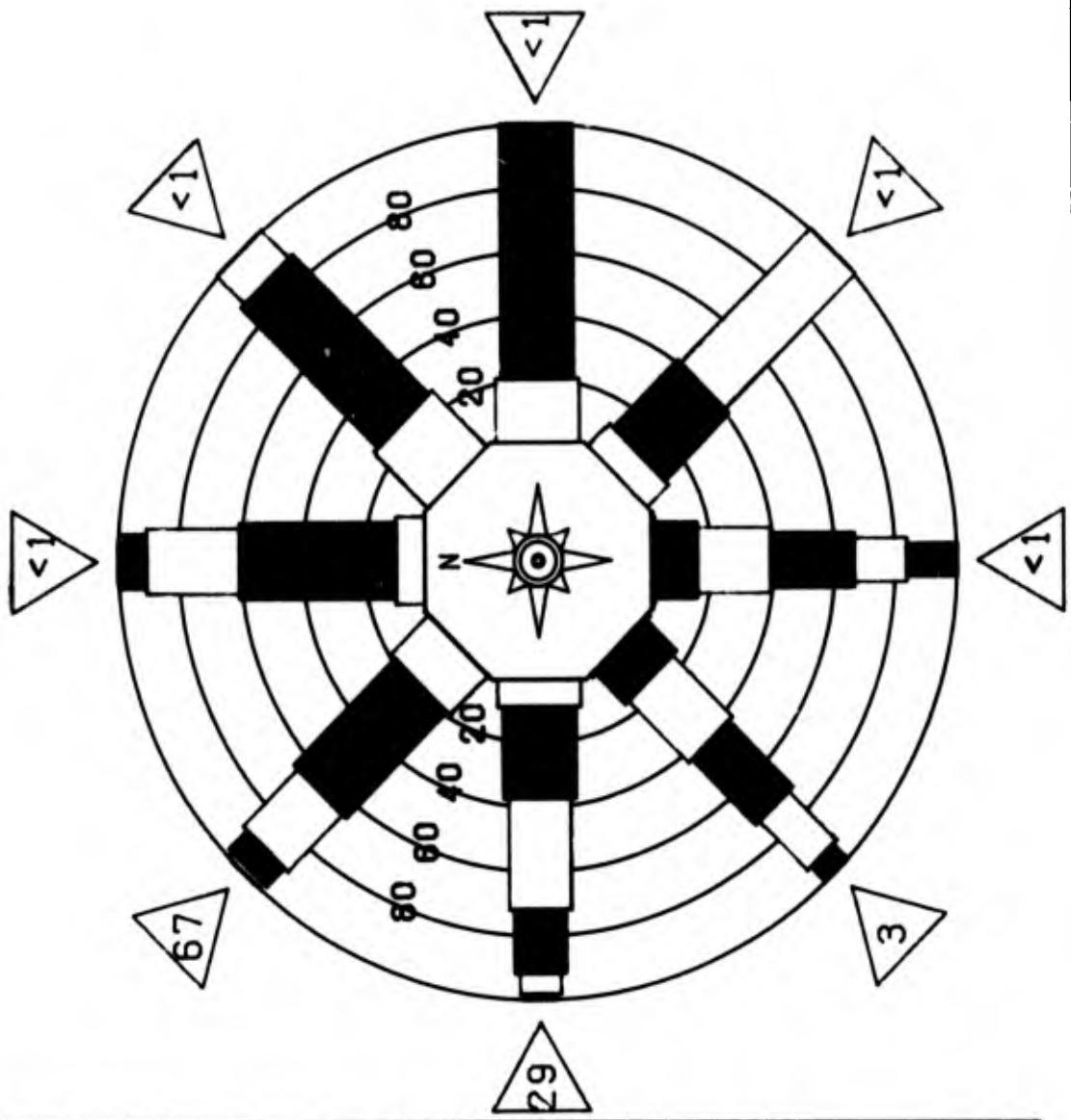
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	5	5	.	.	.	.	.	.	.	.	0
1.0-1.9	11	32	25	10	.	.	.	.	.	.	.	45
2.0-2.9	78	77	68	131	37	11	1	.	.	.	.	190
3.0-3.9	11	30	30	150	265	34	1	.	.	.	.	268
4.0-4.9	.	44	39	39	83	143	1	.	.	.	.	261
5.0-5.9	.	.	10	85	90	1	.	.	.	.	.	284
6.0-6.9	.	1	10	.	6	37	.	.	.	.	.	54
7.0-7.9	.	.	1	1	5	6	.	.	.	.	.	16
8.0-8.9	.	.	1	1	5	10	.	.	.	.	.	0
9.0-9.9	.	.	1	1	5	10	.	.	.	.	.	0
10.0+	.	.	1	1	5	10	.	.	.	.	.	0
TOTAL	16	126	245	202	403	611	320	21	0	0	0	1149.

MEAN HS(M) = 3.9 LARGEST HS(M)= 8.8 MEAN TP(SEC)= 11.3 NO. OF CASES= 1149.

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL					
	PEAK PERIOD(SECONDS)															
	4.4-	6.0	6.1-	8.0	8.1-	9.5	10.6-	10.5	11.6-	11.7	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9																
1.0-1.9	6	23	220	143	104	56	1	1	1	1	1	1	1	1	1	1
2.0-2.9	20	47	148	270	112	84	143	142	73	142	706	142	142	142	142	142
3.0-3.9	.	27	49	60	73	142	142	142	142	142	142	142	142	142	142	142
4.0-4.9	.	17	27	11	92	65	69	69	69	69	69	69	69	69	69	69
5.0-5.9	.	6	1	.	.	80	299	299	299	299	299	299	299	299	299	299
6.0-6.9	.	.	.	.	.	8	56	56	56	56	56	56	56	56	56	56
7.0-7.9	.	.	.	.	.	15	10	10	10	10	10	10	10	10	10	10
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10.0+	26	114	451	505	1601	3074	2113	161	3	0	0	0	0	0	0	0
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) = 270.0															
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 292.5					
	4.4-	6.0	6.1-	8.0	8.1-	9.5	10.6-	10.5	11.6-	11.7	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	23	10	77	5	1090	1079	376	53	23	23	23	23	23	23	23	23
1.0-1.9	112	376	2371	1090	3256	6700	4750	954	44	44	44	44	44	44	44	44
2.0-2.9	793	1108	227	294	3412	7099	3018	253	253	253	253	253	253	253	253	253
3.0-3.9	.	56	309	45	213	2465	3444	4100	4100	4100	4100	4100	4100	4100	4100	4100
4.0-4.9	.	34	52	18	191	1276	489	1	1	1	1	1	1	1	1	1
5.0-5.9	.	6	1	1	1	152	263	263	263	263	263	263	263	263	263	263
6.0-6.9	.	.	.	.	.	34	39	39	39	39	39	39	39	39	39	39
7.0-7.9	.	.	.	.	.	8	27	27	27	27	27	27	27	27	27	27
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10.0+	296	1847	4126	5539	11442	14882	8934	1556	4	0	0	0	0	0	0	0
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										AZIMUTH(DEGREES) = 315.0					
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 337.5					
	4.4-	6.0	6.1-	8.0	8.1-	9.5	10.6-	10.5	11.6-	11.7	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	32	13	39	3	287	68	25	1	1	1	1	1	1	1	1	1
1.0-1.9	1111	2256	2578	60	123	590	59	27	27	27	27	27	27	27	27	27
2.0-2.9	283	4229	2929	1651	1137	594	188	188	188	188	188	188	188	188	188	188
3.0-3.9	.	112	918	126	114	566	102	15	15	15	15	15	15	15	15	15
4.0-4.9	.	176	36	5	49	102	15	15	15	15	15	15	15	15	15	15
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10.0+	2582	12436	9617	3685	3216	2246	606	72	11	0	0	0	0	0	0	0
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										AZIMUTH(DEGREES) = 337.5					
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 337.5					
	4.4-	6.0	6.1-	8.0	8.1-	9.5	10.6-	10.5	11.6-	11.7	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	172	162	0	29	.	8	.	.	.	.	.	.	.	.	.	0
1.0-1.9	219	1046	263	46	32	1	1	1	1	1	1	1	1	1	1	1
2.0-2.9	.	20	596	35	11	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+	391	3098	975	84	62	31	1	1	1	1	1	1	1	1	1	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	6.3	MEAN TP(SEC)=	7.3	NO. OF CASES=	2724.									

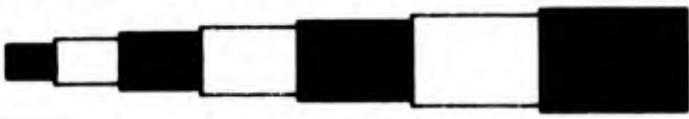
STATION 18 36° 82'N 123° 41'W FOR ALL DIRECTIONS
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS
 HEIGHT(METRES) PEAK PERIOD(SECONDS) TOTAL

HEIGHT(METRES)	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	TOTAL
0.0-0.9	5	3	11									19
1.0-1.9	144	286	523	245	148	50	8					1426
2.0-2.9	188	507	503	606	540	620	121					2060
3.0-3.9	.	503	503	104	539	966	395					2094
4.0-4.9	.	30	108	227	57	404	469					1219
5.0-5.9	.	.	46	27	12	43	178					367
6.0-6.9	.	.	.	8	1	2	28					69
7.0-7.9	.	.	.	.	1	2	5					14
8.0-8.9	.	.	.	.	.	3	3					6
9.0-9.9	.	.	.	.	.	.	3					0
10.0+	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							



STATION 18
36.82N.123.41W
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 18 (36.82N 123.41W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.3	3.6	3.1	2.7	2.7	2.8	2.2	2.5	1.8	2.4	2.6	2.8	3.7
1957	3.1	3.4	3.0	2.6	2.6	2.8	2.2	2.5	1.8	2.4	2.6	2.8	3.8
1958	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1959	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1960	4.0	4.4	4.0	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	4.0
1961	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1962	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1963	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1964	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1965	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1966	3.9	4.4	3.9	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.9
1967	3.7	4.2	3.7	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.7
1968	3.7	4.2	3.7	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.7
1969	3.7	4.2	3.7	3.0	3.0	3.0	2.4	2.4	2.0	2.7	2.9	3.0	3.7
1970	4.1	4.5	4.5	3.7	3.7	3.4	2.6	2.2	1.4	2.5	2.1	2.1	4.1
1971	4.1	4.5	4.5	3.7	3.7	3.4	2.6	2.2	1.4	2.5	2.1	2.1	4.1
1972	4.1	4.5	4.5	3.7	3.7	3.4	2.6	2.2	1.4	2.5	2.1	2.1	4.1
1973	4.1	4.5	4.5	3.7	3.7	3.4	2.6	2.2	1.4	2.5	2.1	2.1	4.1
1974	3.4	3.3	3.4	3.0	3.0	3.0	2.3	1.9	1.4	2.0	1.9	1.0	2.2
1975	3.9	3.3	3.6	3.0	3.0	3.5	2.3	1.9	1.4	2.0	1.9	1.0	3.0
MEAN	3.6	3.7	3.4	3.2	2.7	2.6	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	
1956	5.1	5.9	5.6	4.9	4.6	4.0	3.6	3.8	3.1	4.3	3.8	4.0	
1957	5.2	6.0	5.4	4.7	4.0	3.5	3.6	3.9	3.2	4.3	3.9	4.0	
1958	6.0	6.5	5.4	4.7	4.0	3.4	3.1	3.4	2.9	4.1	3.7	4.0	
1959	6.3	6.5	5.7	5.0	4.4	3.7	3.1	3.4	2.9	4.2	3.8	4.0	
1960	6.4	6.4	5.8	5.1	4.2	3.5	3.1	3.4	2.9	4.3	3.9	4.0	
1961	6.6	6.7	5.9	5.1	4.3	3.6	3.0	3.4	2.9	4.4	3.9	4.0	
1962	4.0	6.3	5.9	5.0	4.3	3.6	3.1	3.4	2.9	4.5	4.0	4.7	
1963	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1964	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1965	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1966	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1967	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1968	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1969	6.2	6.3	5.5	4.5	4.0	3.4	2.9	3.2	2.7	4.6	4.2	4.9	
1970	7.6	6.5	6.0	5.0	4.0	3.7	3.4	3.7	3.0	4.9	4.6	4.1	
1971	5.9	6.0	5.9	5.4	4.5	4.0	3.0	3.9	3.6	4.7	4.3	4.6	
1972	6.8	6.9	6.0	5.7	4.7	4.0	3.0	3.9	3.6	4.8	4.5	4.6	
1973	6.8	6.9	6.0	5.7	4.7	4.0	3.0	3.9	3.6	4.8	4.5	4.6	
1974	6.3	6.2	5.9	5.7	4.7	4.0	3.0	3.9	3.6	4.8	4.5	4.6	
1975	5.3	5.5	6.3	3.9	5.2	4.8	3.9	3.6	2.2	4.5	4.3	4.6	

20 YR. STATISTICS FOR PACIFIC STATION 18 (36.82N 123.41W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.0
 MEAN PEAK WAVE PERIOD (SECONDS)= 10
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 1.0
 LARGEST HS(METRES)= 9.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 294.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 64011900

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		
2.0-2.9	.	.	.	.	.	.	.	.	.	.
3.0-3.9	22	.	1	.	.	11	.	.	.	.	0
4.0-4.9	1	30	1	.	.	.	.	.	.	.	11
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	1	.	.	.	.	.	.	.	.	1
3.0-3.9	15	1	.	.	.	.	.	.	.	.	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	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=					
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	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	0
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) = 45.0											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	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	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	5
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=					

HEIGHT(METRES)	STATION 19 37.22N 123.18W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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	1	0	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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	6	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.6	MEAN TP(SEC)=	5.4	NO. OF CASES=	4.				
STATION 19 37.22N 123.18W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	.	.	.	.	.	.	.	.	.	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	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	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	1	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.0	LARGEST HS(M)=	2.0	MEAN TP(SEC)=	5.2	NO. OF CASES=	1.				

STATION 19 37°22'N 123°18'W AZIMUTH(DEGREES) = 180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	.	1
1.0-1.9	3	1	6	.	1	.	.	.	.	.	.	1
2.0-2.9	1	1	8	1	.	.	.	.	.	.	.	1
3.0-3.9	.	1	.	1	1	.	.	.	.	.	.	1
4.0-4.9	.	1	8	1	.	.	.	.	.	.	.	1
5.0-5.9	.	1	.	1	1	.	.	.	.	.	.	1
6.0-6.9	.	1	.	1	1	.	.	.	.	.	.	1
7.0-7.9	.	1	.	1	1	.	.	.	.	.	.	1
8.0-8.9	.	1	.	1	1	.	.	.	.	.	.	1
9.0-9.9	.	1	.	1	1	.	.	.	.	.	.	1
TOTAL	8	20	17	2	3	0	0	0	0	0	0	0
MEAN HS(M) =	3.6	LARGEST HS(M)=	7.3	MEAN TP(SEC)=	7.7	NO. OF CASES=	35.					

STATION 19 37°22'N 123°18'W AZIMUTH(DEGREES) = 202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	17	17	4	3	.	.	.	.	.	.	45
2.0-2.9	1	18	13	4	20	6	1	.	.	.	.	65
3.0-3.9	8	18	13	14	15	11	6	.	.	.	.	65
4.0-4.9	.	20	15	15	15	11	6	.	.	.	.	22
5.0-5.9	.	1	1	1	1	1	1	.	.	.	.	0
6.0-6.9	.	1	1	1	1	1	1	.	.	.	.	0
7.0-7.9	.	1	1	1	1	1	1	.	.	.	.	0
8.0-8.9	.	1	1	1	1	1	1	.	.	.	.	0
9.0-9.9	.	1	1	1	1	1	1	.	.	.	.	0
TOTAL	9	43	78	62	66	23	1	0	0	0	0	0
MEAN HS(M) =	4.6	LARGEST HS(M)=	7.9	MEAN TP(SEC)=	9.5	NO. OF CASES=	174.					

STATION 19 37°22'N 123°18'W AZIMUTH(DEGREES) = 225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	5	6	.	1	.	.	.	.	.	.	0
1.0-1.9	8	30	37	25	18	1	1	.	.	.	.	113
2.0-2.9	8	49	53	49	78	18	1	.	.	.	.	247
3.0-3.9	.	17	23	66	82	59	5	.	.	.	.	168
4.0-4.9	.	17	23	66	82	59	5	.	.	.	.	281
5.0-5.9	.	5	34	41	76	12	1	.	.	.	.	114
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
TOTAL	8	101	242	262	309	202	53	1	0	0	0	0
MEAN HS(M) =	4.5	LARGEST HS(M)=	9.3	MEAN TP(SEC)=	10.3	NO. OF CASES=	700.					

STATION 19 37°22'N 123°18'W AZIMUTH(DEGREES) = 247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	1	53	20	15	5	.	.	.	.	.	.	0
1.0-1.9	6	32	120	88	107	20	10	3	.	.	.	402
2.0-2.9	.	15	135	100	154	208	121	3	.	.	.	736
3.0-3.9	.	1	82	51	154	355	124	1	.	.	.	834
4.0-4.9	.	6	22	22	66	160	124	.	.	.	.	124
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
TOTAL	7	166	463	322	612	767	418	10	0	0	0	0
MEAN HS(M) =	4.1	LARGEST HS(M)=	9.5	MEAN TP(SEC)=	11.1	NO. OF CASES=	1630.					

STATION 19 37°22'N 123°18'W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	11	3	22	8	136	73	1	.	.	.	.	44
1.0-1.9	25	54	216	189	651	1042	160	15	.	.	.	760
2.0-2.9	52	256	462	191	1013	2024	843	21	.	.	.	2277
3.0-3.9	.	8	56	25	249	1050	1164	46	.	.	.	2686
4.0-4.9	.	.	10	3	11	213	679	86	.	.	.	230
5.0-5.9	.	.	.	1	1	8	128	90	.	.	.	21
6.0-6.9	.	.	.	.	3	3	41	3	.	.	.	0
7.0-7.9	.	.	.	.	.	3	18	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	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°22'N 123°18'W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.3	15.3	18.1	22.2	22.3-	
0.0-0.9	83	213	268	337	1702	512	41	35	.	.	.	574
1.0-1.9	299	1567	5593	4462	1955	5284	910	49	15	.	.	13020
2.0-2.9	299	1473	2344	383	2934	7397	3011	253	.	.	.	15459
3.0-3.9	.	961	239	92	263	2566	3014	503	3	.	.	7441
4.0-4.9	.	82	49	51	25	193	1260	544	.	.	.	2152
5.0-5.9	.	.	6	1	1	164	3524	.	.	.	.	538
6.0-6.9	.	.	.	.	.	29	59	.	.	.	.	68
7.0-7.9	.	.	.	.	.	20	.	.	.	.	.	20
8.0-8.9	.	.	.	.	.	10	.	.	.	.	.	10
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	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.	.	.	.	.	.

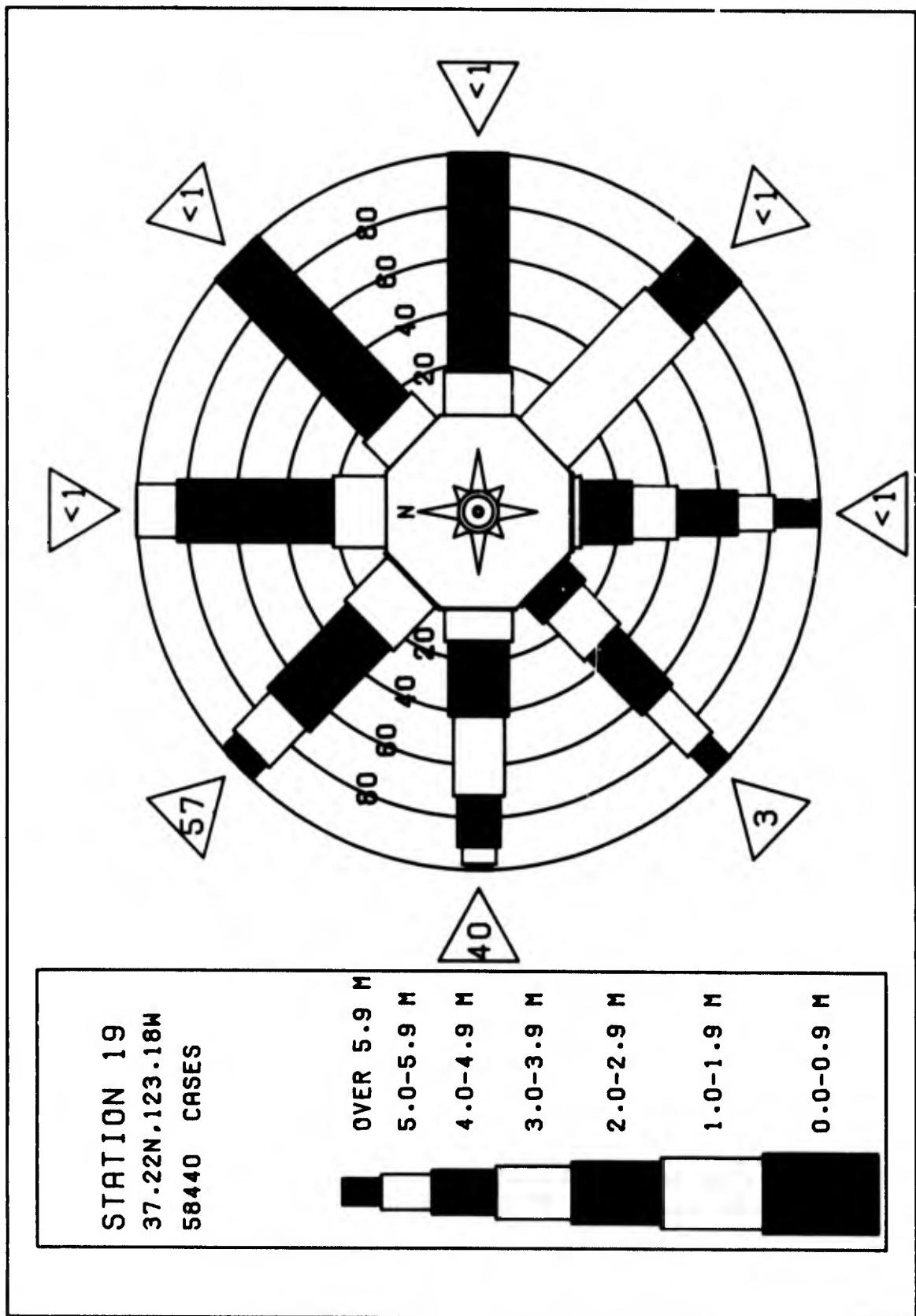
STATION 19 37°22'N 123°18'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	13.3	15.3	18.1	22.2	22.3-	
0.0-0.9	18	42	32	1	95	18	5	10	1	.	.	93
1.0-1.9	1533	1502	1302	301	773	148	37	1	.	.	.	10234
2.0-2.9	1379	999	314	669	496	116	12	.	.	.	.	3684
3.0-3.9	116	261	66	13	248	87	5	.	.	.	.	842
4.0-4.9	.	13	20	13	6	25	.	.	.	.	.	0
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
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°22'N 123°18'W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	13.3	15.3	18.1	22.2	22.3-	
0.0-0.9	290	11	8	1	18	3	.	.	.	3	.	0
1.0-1.9	420	681	59	29	13	25	.	1	3	.	.	1205
2.0-2.9	289	289	72	8	13	25	.	.	.	.	.	1578
3.0-3.9	.	13	13	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	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°22'N 123°18'W PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.6-	15.4-	18.2-	22.3-	
0.0-0.9	11	26	32	1	196	6	5	4	2	1	71
1.0-1.9	111	319	715	387	662	952	649	114	31	1	1860
2.0-2.9	240	615	519	662	498	1017	390	31	1	1	2794
3.0-3.9	.	206	153	105	498	437	501	44	1	1	2488
4.0-4.9	.	26	102	31	62	63	216	63	1	1	1223
5.0-5.9	.	.	21	24	21	64	36	44	1	1	411
6.0-6.9	.	.	1	8	1	6	6	44	1	1	101
7.0-7.9	.	.	.	.	1	1	1	1	1	1	16
8.0-8.9	.	.	.	.	.	1	1	1	1	1	6
9.0-9.9	.	.	.	.	.	.	1	1	1	1	1
TOTAL	424	1272	1543	1222	1788	2235	1283	204	2	0	0
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	3.6	3.7	3.7	3.6	2.6	2.6	2.7	3.9	3.7	3.7	2.6	3.8	3.8
1957	3.1	3.5	3.4	3.0	2.0	2.0	2.4	3.1	3.1	3.1	2.9	3.0	3.0
1958	3.4	3.9	4.2	4.0	3.0	3.0	3.4	4.0	4.0	4.0	3.7	3.8	3.8
1959	3.9	4.4	4.2	4.0	3.0	3.0	3.4	4.0	4.0	4.0	3.8	3.9	3.9
1960	3.9	4.4	4.2	4.0	3.0	3.0	3.4	4.0	4.0	4.0	3.8	3.9	3.9
1961	3.2	3.5	3.2	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1962	3.5	3.7	3.2	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1963	3.4	3.7	3.2	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1964	3.6	4.2	3.4	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1965	3.6	4.2	3.4	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1966	3.1	3.6	3.0	2.8	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1967	3.8	4.0	3.6	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1968	3.5	3.9	3.5	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1969	3.4	3.6	3.6	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1970	3.5	4.0	3.6	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1971	3.6	4.0	3.6	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1972	3.6	4.0	3.6	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1973	3.5	3.7	3.4	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1974	3.7	3.7	3.9	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
1975	2.9	3.5	3.6	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0	3.0
MEAN	3.8	3.9	3.5	3.1	2.6	2.4	2.2	2.0	2.0	2.6	3.3	3.9	3.5

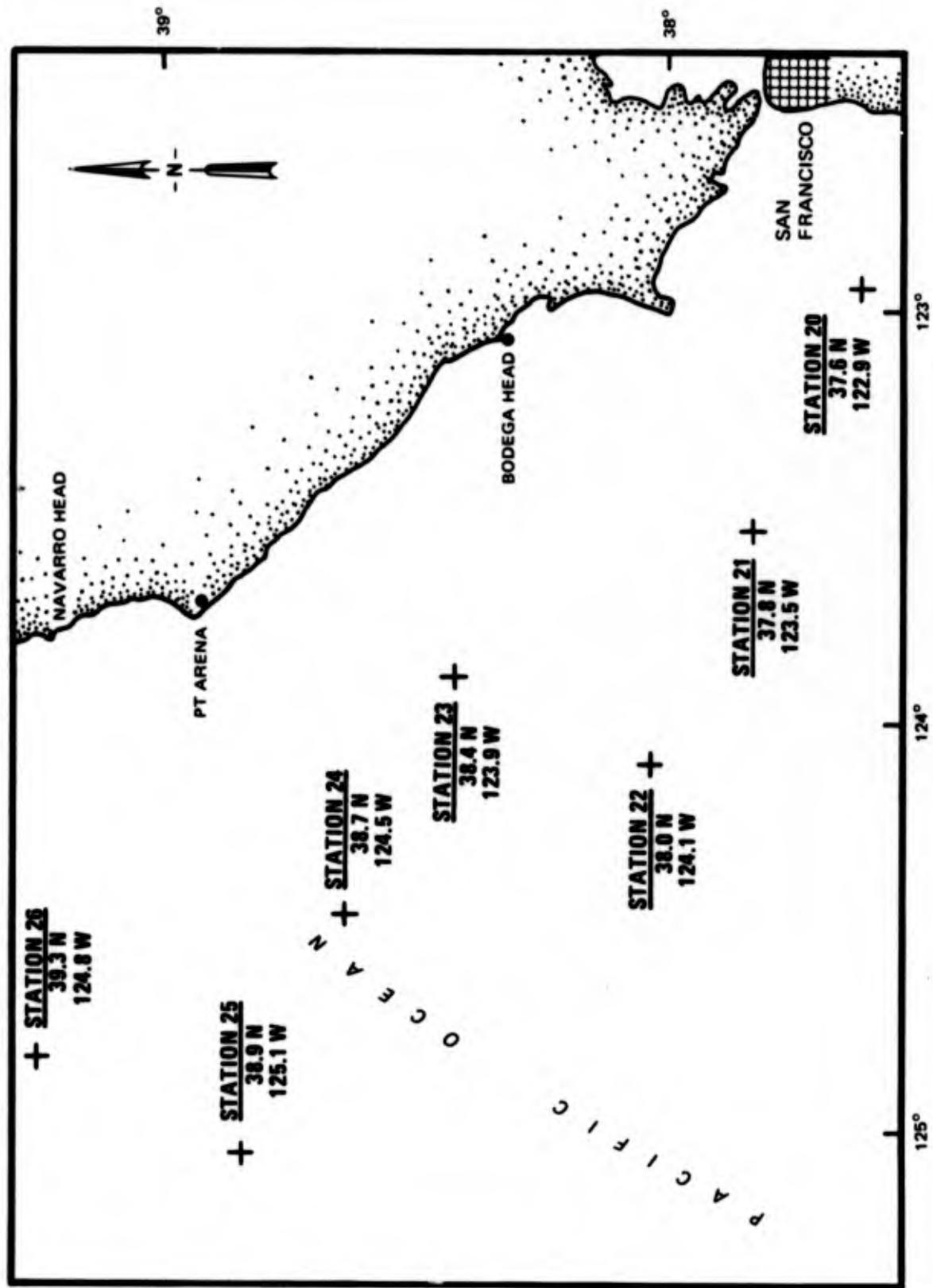
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 19 (37.22N 123.18W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.3	6.3	5.6	5.0	4.2	3.8	3.1	3.5	3.1	4.7	3.9	4.0
1957	5.3	6.0	5.9	5.2	4.8	4.2	3.7	4.4	4.0	4.0	3.7	4.0
1958	6.4	6.6	6.9	6.2	5.8	5.2	4.7	5.4	5.0	5.0	4.7	4.7
1959	6.6	7.0	7.0	6.4	5.8	5.2	4.7	5.4	5.0	5.0	4.7	4.7
1960	8.1	7.3	4.0	3.0	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1961	6.6	5.1	6.1	3.9	3.4	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1962	4.3	5.6	5.2	4.0	3.4	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1963	9.3	9.0	5.4	4.0	3.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1964	9.4	9.5	4.6	3.6	2.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1965	6.6	6.3	5.2	4.6	3.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1966	6.3	6.1	6.0	4.9	4.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1967	6.9	6.9	6.0	5.0	4.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1968	5.9	5.9	5.7	4.7	3.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1969	5.7	5.7	5.7	5.0	4.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1970	7.5	6.6	6.5	5.9	4.9	4.0	4.7	5.1	5.1	5.1	4.7	5.0
1971	6.1	5.0	5.4	4.9	4.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1972	6.0	5.0	5.4	4.7	4.0	2.0	2.4	3.0	3.0	3.0	2.8	3.0
1973	7.5	6.4	6.2	5.7	5.0	4.0	4.4	5.0	5.0	5.0	4.7	5.0
1974	7.5	6.7	6.6	5.7	5.0	4.0	4.4	5.0	5.0	5.0	4.7	5.0
1975	5.3	5.9	6.9	3.6	4.6	4.4	3.4	3.5	1.9	4.4	4.2	4.9

20 YR. STATISTICS FOR PACIFIC STATION 19 (37.22N 123.18W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.9
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.1
 STANDARD DEVIATION OF TP(SECONDS)= 3.0
 LARGEST HS(METRES)= 9.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 242.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9	75		3				5		5			83
2.0-2.9	78						5		1			85
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
TOTAL	154	0	3	5	9	7	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9	11											11
2.0-2.9	15						1					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
TOTAL	26	0	0	0	1	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9	5											5
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
TOTAL	22	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9	5			1								5
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
TOTAL	11	0	1	0	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.

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9													0
1.0-1.9													4
2.0-2.9	3			1									6
3.0-3.9	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
10.0+	.			.									0
TOTAL	9	0	1	0	0	0	0	0	0	0	0	0	7.
MEAN HS(M) =	2.0	LARGEST HS(M)=	2.3	MEAN TP(SEC)=	5.8	NO. OF CASES=							
STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 90.0													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9													0
1.0-1.9													3
2.0-2.9	8			3									8
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	9	0	3	0	0	0	0	0	0	0	0	0	8.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	6.5	NO. OF CASES=							
STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 112.5													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9													0
1.0-1.9													0
2.0-2.9	10												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	15	0	0	0	0	0	0	0	0	0	0	0	9.
MEAN HS(M) =	2.0	LARGEST HS(M)=	2.3	MEAN TP(SEC)=	5.1	NO. OF CASES=							
STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 135.0													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9													0
1.0-1.9													0
2.0-2.9	10												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	15	0	0	0	0	0	0	0	0	0	0	0	9.
MEAN HS(M) =	2.0	LARGEST HS(M)=	2.3	MEAN TP(SEC)=	5.1	NO. OF CASES=							
STATION 20 37.62N 122.95W AZIMUTH(DEGREES) = 157.5													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9													0
1.0-1.9													0
2.0-2.9	3												3
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	6	0	0	0	0	0	0	0	0	0	0	0	4.
MEAN HS(M) =	1.9	LARGEST HS(M)=	2.0	MEAN TP(SEC)=	4.9	NO. OF CASES=							

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	8	1	3	.	.	.	.	.	.	.	9
2.0-2.9	3	18	3	.	.	.	.	.	.	.	24
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	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=									

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	3	10	6	1	1	1	.	.	.	.	0
1.0-1.9	3	10	6	1	1	1	.	.	.	.	3
2.0-2.9	.	5	25	5	25	5	.	.	.	.	18
3.0-3.9	.	.	.	.	.	13	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	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=									

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	3	15	6	1	1	1	.	.	.	.	0
1.0-1.9	10	27	42	59	73	100	68	3	.	.	268	
2.0-2.9	.	56	62	63	101	68	22	1	.	.	366	
3.0-3.9	.	13	72	56	95	52	12	.	.	.	322	
4.0-4.9	.	.	23	56	20	52	12	1	.	.	240	
5.0-5.9	.	.	3	1	5	8	6	1	.	.	20	
6.0-6.9	.	.	.	.	.	1	1	.	.	.	4
7.0-7.9	.	.	.	.	.	.	1	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	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=									

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	8	53	17	25	17	17	.	.	.	.	0
1.0-1.9	18	20	102	116	164	73	37	3	1	.	489	
2.0-2.9	1	59	42	42	166	278	154	8	.	.	645	
3.0-3.9	.	13	58	44	135	261	102	8	.	.	355	
4.0-4.9	.	.	5	1	42	99	125	5	.	.	146	
5.0-5.9	.	.	.	.	8	8	13	11	.	.	11
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	27	148	259	294	554	719	334	33	1	0	1398.	
MEAN HS(M) = 3.8	LARGEST HS(M)= 8.5	MEAN TP(SEC)= 11.3	NO. OF CASES=									

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	22.3-	LONGER	58
1.0-1.9	6	11	34	13	216	88	23	1	1	1	1	1003
2.0-2.9	22	21	131	306	1064	1165	179	10	3	1	1	2994
3.0-3.9	.	54	65	102	648	1836	845	34	.	.	.	3584
4.0-4.9	.	8	47	11	123	590	978	66	.	.	.	1803
5.0-5.9	.	.	10	11	1	90	382	64	.	.	.	583
6.0-6.9	.	.	.	1	1	6	63	35	.	.	.	18
7.0-7.9	.	.	.	.	1	10	8	.	.	.	.	10
8.0-8.9	.	.	.	.	.	.	10	.	.	.	.	10
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	143	429	462	17	15	10	23	54	.	.	.	1076
1.0-1.9	193	2760	7103	4772	2381	633	1083	300	23	.	.	18108
2.0-2.9	453	1224	2597	5068	8052	6293	1080	319	.	.	.	12985
3.0-3.9	1	631	518	516	2583	8576	3880	319	3	.	.	17023
4.0-4.9	.	138	260	107	242	2371	4293	533	.	.	.	7927
5.0-5.9	.	.	30	1	150	1305	693	1	.	.	.	2265
6.0-6.9	.	5	23	30	49	150	184	405	.	.	.	585
7.0-7.9	.	.	.	1	5	.	13	82	.	.	.	98
8.0-8.9	.	.	.	.	.	.	13	82	.	.	.	98
9.0-9.9	.	.	.	.	.	.	10	.	.	.	.	10
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.					

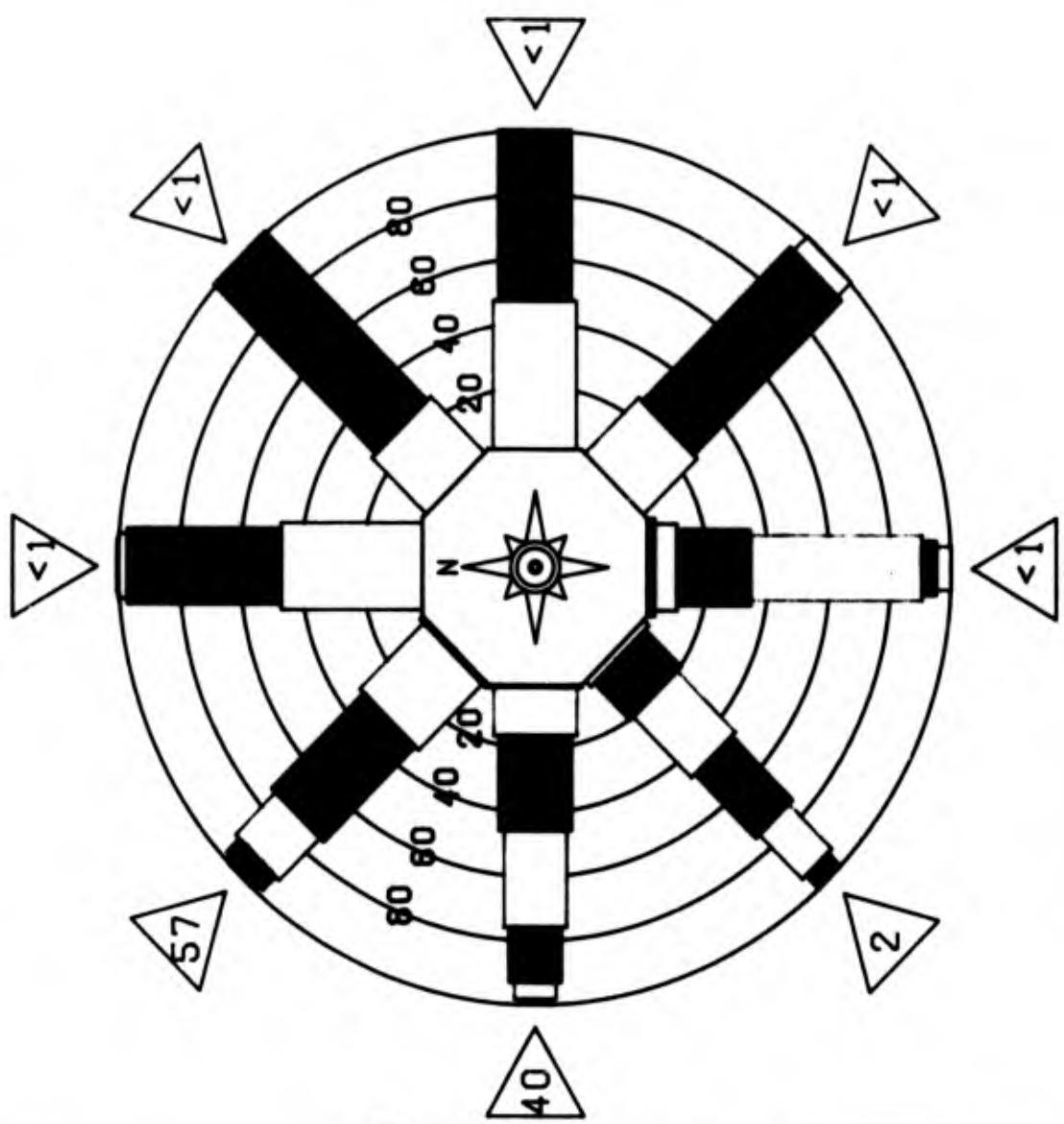
STATION 20 37.62N 122.95W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	17	51	32	58	8	1	6	6	.	.	.	100
1.0-1.9	913	1095	1021	227	58	8	1	6	.	.	.	3329
2.0-2.9	1019	1307	1788	1493	708	75	23	5	.	.	.	6418
3.0-3.9	29	131	453	330	349	335	63	11	.	.	.	1686
4.0-4.9	.	3	11	27	15	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	287	15	35	3	23	3	3	1	.	.	.	0
1.0-1.9	347	27	77	13	21	11	3	1	.	.	.	494
2.0-2.9	13	.	3	13	21	.	.	.	.	.	.	31
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	647	42	115	19	24	14	3	1	0	0	.	511.
MEAN HS(M) =	2.1	LARGEST HS(M)=	3.9	MEAN TP(SEC)=	6.2	NO. OF CASES=	511.					

HEIGHT(METRES)	STATION 20 37.62N 122.95W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
4.0-6.0	4.4	6.1	8.1	9.6	10.6	11.6	11.8	13.4	15.4	16.2	22.3
6.0-8.0	6.0	8.0	9.5	10.5	11.7	13.3	15.3	16.1	22.2	LONGER	
8.0-10.0	16	49	52	53	26	78	4	6	.	.	122
10.0-12.0	174	396	825	532	1097	781	126	10	2	.	2301
12.0-14.0	203	270	474	712	388	1110	482	359	.	.	1675
14.0-16.0	5	96	115	107	58	334	546	56	.	.	348
16.0-18.0	.	17	46	32	21	39	180	80	.	.	1069
18.0-20.0	.	.	9	13	21	33	29	44	.	.	342
20.0-22.0	.	.	1	3	3	3	4	9	.	.	86
22.0-24.0	.	.	.	.	.	.	1	.	.	.	13
24.0-26.0	.	.	.	.	.	.	.	.	.	.	0
TOTAL	396	828	1549	1401	1835	2340	1371	245	2	0	
MEAN HS(M)=	2.8	LARGEST HS(M)=	9.6	MEAN TP(SEC)=	10.8	TOTAL CASES=	58440.				



STATION 20
 37.62N.122.95W
 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 20 (37.62N 122.95W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.3	3.6	3.6	3.7	3.6	3.6	3.6	3.7	3.7	3.7	3.6	3.8	3.6
1957	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1958	3.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1959	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1960	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1961	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1962	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1963	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1964	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1965	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1966	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1967	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1968	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1969	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1970	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1971	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1972	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1973	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1974	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1975	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MEAN	3.6	3.7	3.4	3.0	2.5	2.2	2.0	1.8	1.9	2.5	3.3	3.7	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 20 (37.62N 122.95W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	4.9	6.9	5.5	5.4	3.8	4.0	2.8	3.6	3.1	5.2	3.7	3.9
1957	4.9	8.5	5.5	7.4	4.0	4.4	2.9	3.7	3.6	4.0	3.7	3.5
1958	6.4	6.3	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1959	6.3	6.8	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1960	7.6	6.8	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1961	6.6	6.6	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1962	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1963	8.3	9.6	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1964	9.2	4.5	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1965	7.2	6.6	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1966	5.5	5.5	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1967	5.0	5.0	5.0	5.0	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1968	5.0	5.0	5.0	5.0	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1969	5.2	5.2	5.2	5.2	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1970	6.6	7.4	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1971	6.3	6.3	5.5	5.5	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1972	7.0	5.1	6.2	6.0	4.1	4.0	3.9	4.0	4.0	4.0	3.6	3.6
1973	7.0	5.5	6.5	6.4	5.0	4.0	4.0	4.0	4.0	4.0	3.6	3.6
1974	5.8	5.5	6.5	6.4	5.0	4.0	4.0	4.0	4.0	4.0	3.6	3.6
1975	5.6	5.6	7.2	3.7	4.6	4.2	3.1	3.4	1.7	4.5	4.4	4.6

20 YR. STATISTICS FOR PACIFIC STATION 20 (37.62N 122.95W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.9
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.1
 STANDARD DEVIATION OF TP(SECONDS)= 9.6
 LARGEST HS(METRES)= 12.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 226.0
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 63020100
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

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	16.2- 22.2	22.3- LONGER		
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	41	.	.	.	i	5	3	.	.	.	44	44
2.0-2.9	78	.	.	.	5	1	.	.	.	.	85	85
3.0-3.9	3	.	.	.	5	1	.	.	.	.	3	3
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	122	0	0	1	10	5	0	0	0	0	0	0
TOTAL	122	0	0	1	10	5	0	0	0	0	0	0
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												0
1.0-1.9												0
2.0-2.9		5										5
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	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- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	8	.	.	.	.	.	.	.	.	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+	11	0	0	0	0	0	0	0	0	0	0
TOTAL	11	0	0	0	0	0	0	0	0	0	0
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	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	1	.	.	.	.	.	.	.	6
2.0-2.9	8	.	.	.	.	.	.	.	.	.	8
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	6	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 90.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	1	1	.	.	.	.	.	.	.	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	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 112.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	6	3	.	.	.	.	.	.	.	17
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	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 135.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	1	.	.	.	.	.	.	.	.	14
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	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 157.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	2
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+	1	7	0	0	0	0	0	0	0	0	0
TOTAL	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	5	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	6	11	1	.	.	.	.	.	.	.	18	18
2.0-2.9	8	8	1	.	.	8	.	.	.	.	20	20
3.0-3.9	.	10	13	1	.	.	.	.	.	.	2	2
4.0-4.9	.	8	8	1	.	.	.	.	.	.	0	0
5.0-5.9	.	10	13	1	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	1	1	.	.	.	.	.	1	1
7.0-7.9	.	.	.	1	5	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	5	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	11	29	22	5	6	8	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	3	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	1	20	15	3	3	3	.	.	.	.	4	4
2.0-2.9	46	59	15	1	6	8	.	.	.	.	120	120
3.0-3.9	13	34	15	17	13	13	1	.	.	.	93	93
4.0-4.9	.	46	41	29	6	.	.	.	.	.	0	0
5.0-5.9	.	.	1	13	10	.	.	.	.	.	24	24
6.0-6.9	.	.	.	3	5	.	.	.	.	.	8	8
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	4	79	154	98	84	42	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	8	1	.	.	.	.	.	.	0	0
1.0-1.9	11	34	47	44	11	6	.	.	.	.	123	123
2.0-2.9	59	61	47	77	65	29	5	1	.	.	266	266
3.0-3.9	35	128	77	116	77	1	1	1	.	.	442	442
4.0-4.9	.	97	95	77	82	18	1	.	.	.	370	370
5.0-5.9	.	3	78	39	18	23	1	.	.	.	154	154
6.0-6.9	.	.	3	3	1	1	1	.	.	.	32	32
7.0-7.9	.	.	.	5	1	1	.	.	.	.	23	23
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	11	131	344	345	316	233	70	3	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	8	1	.	.	.	.	.	.	0	0
1.0-1.9	5	5	37	6	11	.	5	.	.	.	115	115
2.0-2.9	5	53	136	70	154	35	17	3	.	.	495	495
3.0-3.9	17	63	106	133	152	225	47	1	.	.	902	902
4.0-4.9	23	109	46	210	179	203	130	.	.	.	898	898
5.0-5.9	.	77	59	16	24	248	5	.	.	.	646	646
6.0-6.9	.	8	27	18	23	205	5	.	.	.	160	160
7.0-7.9	.	.	3	1	5	22	.	.	.	.	34	34
8.0-8.9	.	.	.	1	5	3	.	.	.	.	14	14
9.0-9.9	.	.	.	.	6	3	.	.	.	.	9	9
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	22	210	473	344	777	884	565	9	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.-0.9	5	15	10	6	183	61	1	.	.	.	36
1.0-1.9	35	73	282	545	1002	1079	1165	1082	78	5	949
2.0-2.9	.	82	109	186	1079	1165	1264	73	.	.	2221
3.0-3.9	.	11	29	29	246	1303	1264	53	.	.	2972
4.0-4.9	.	.	10	17	34	249	793	88	.	.	1191
5.0-5.9	.	.	.	3	1	15	157	131	.	.	307
6.0-6.9	.	.	.	.	1	5	39	23	.	.	25
7.0-7.9	.	.	.	.	.	.	25	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.-0.9	80	292	270	3	1605	431	15	46	.	.	661
1.0-1.9	323	1716	5023	3376	1271	5111	751	58	16	.	32248
2.0-2.9	424	1271	2296	4633	2698	7700	2967	248	5	.	15163
3.0-3.9	1	716	244	426	304	2600	3798	414	3	.	2600
4.0-4.9	.	70	309	104	47	44	229	147	650	.	2425
5.0-5.9	.	.	27	47	5	1	217	429	.	.	655
6.0-6.9	.	.	.	3	5	1	27	106	.	.	134
7.0-7.9	.	.	.	.	1	.	27	106	.	.	13
8.0-8.9	.	.	.	.	.	.	11	.	.	.	11
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.-0.9	6	37	3	1	61	11	.	.	.	.	71
1.0-1.9	1110	1792	1083	251	881	114	20	3	.	.	3853
2.0-2.9	1764	347	2185	2109	773	660	71	1	.	.	9622
3.0-3.9	11	927	800	542	42	179	34	5	.	.	3514
4.0-4.9	.	25	128	106	1	1	3	5	.	.	10
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
TOTAL	2891	4826	4233	3012	1758	767	130	9	0	0	10312.

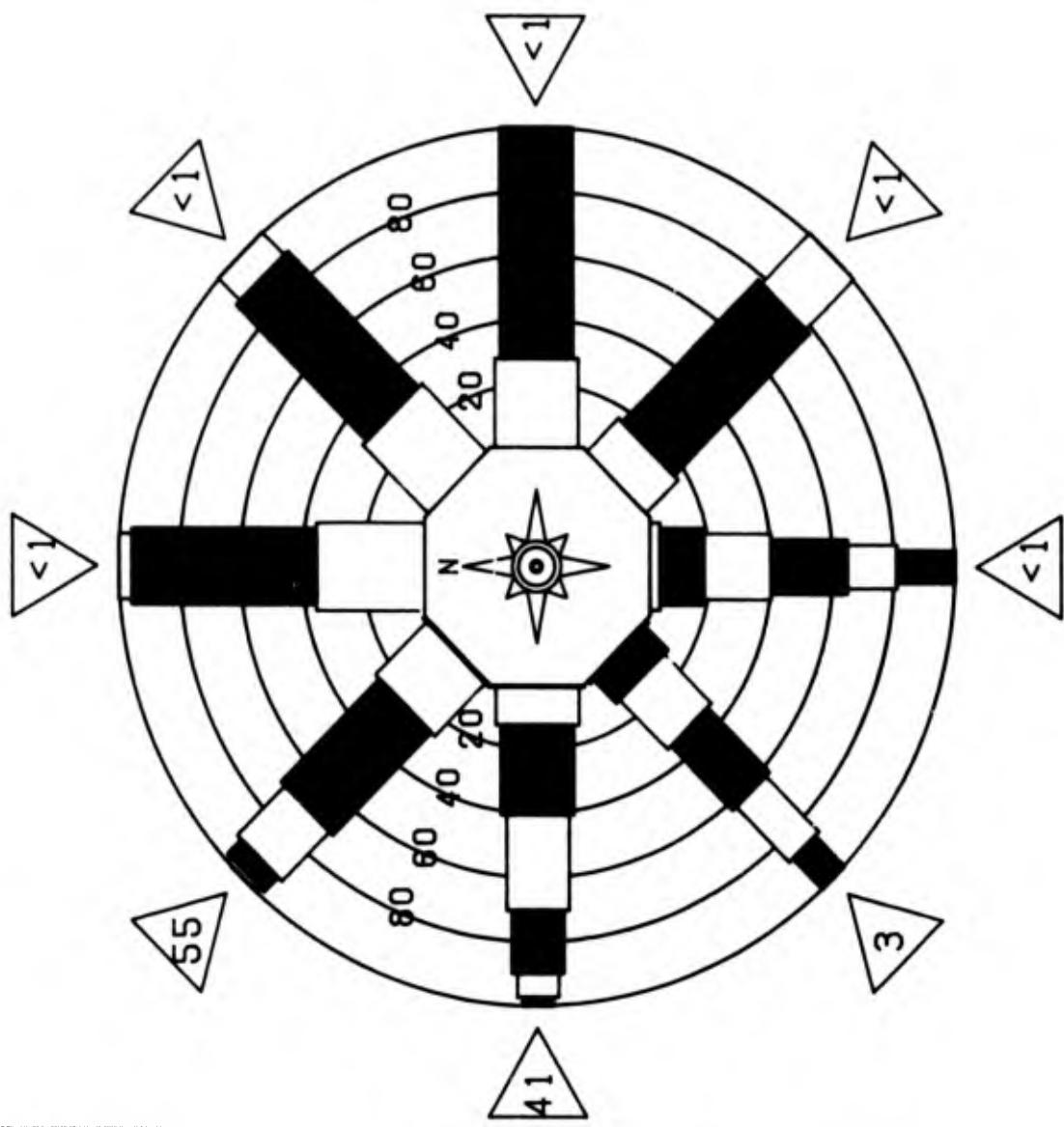
MEAN HS(M) = 2.5 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 8.3 NO. OF CASES= 10312.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.-0.9	330	6	26	1	30	10	1	1	1	1	0
1.0-1.9	634	203	109	17	30	8	1	1	1	1	1005
2.0-2.9	17	71	6	6	1	1	1	1	1	1	1114
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
TOTAL	981	283	135	24	34	20	1	1	1	0	872.

MEAN HS(M) = 2.3 LARGEST HS(M)= 4.0 MEAN TP(SEC)= 6.2 NO. OF CASES= 872.

HEIGHT(METRES)	STATION 21 37 83N 123 53W FOR ALL DIRECTIONS											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	9	33	31	31	186	1	50	52	5	.	.	75
1.0-1.9	185	315	620	383	186	635	90	52	32	2	.	1786
2.0-2.9	304	734	500	374	990	1073	400	32	47	.	.	1714
3.0-3.9	3	199	158	137	495	455	523	47	74	.	.	2497
4.0-4.9	.	19	79	38	93	455	523	47	74	.	.	1254
5.0-5.9	.	.	26	16	23	24	24	50	50	.	.	674
6.0-6.9	.	.	1	1	0	0	0	1	1	.	.	134
7.0-7.9	.	.	.	.	1	1	1	1	1	.	.	29
8.0-8.9	.	.	.	.	1	2	1	1	1	.	.	7
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	1
TOTAL	501	989	1463	1343	1804	2300	1331	238	2	0	.	0
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	3.8	3.7	3.6	3.2	2.7	2.7	2.7	1.8	2.0	1.7	2.7	2.9	3.7
1957	3.5	4.0	4.4	4.4	4.0	3.9	3.4	3.1	3.0	2.9	3.2	3.0	3.9
1958	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1959	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1960	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1961	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1962	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1963	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1964	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1965	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1966	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1967	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1968	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1969	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1970	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1971	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1972	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1973	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1974	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
1975	4.0	4.4	4.4	4.4	4.4	4.6	4.0	4.1	4.0	4.4	4.0	4.0	4.0
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	3.6

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	5.3	6.9	5.8	5.3	4.3	4.1	2.9	3.5	3.2	4.5	3.8	4.1
1957	5.4	6.6	5.0	5.0	4.4	4.4	3.0	3.0	3.0	4.4	3.8	4.7
1958	6.7	7.9	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1959	6.6	7.9	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1960	6.7	8.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1961	6.6	7.5	6.6	6.6	5.2	5.2	4.4	4.4	4.4	5.0	5.0	5.0
1962	4.1	5.5	6.6	6.6	5.2	5.2	4.4	4.4	4.4	5.0	5.0	5.0
1963	6.9	9.1	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1964	7.3	9.2	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1965	6.5	8.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1966	6.5	8.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1967	6.7	8.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1968	6.7	8.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1969	7.7	9.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1970	7.7	9.0	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1971	6.2	7.9	6.9	6.9	5.7	5.7	4.4	4.4	4.4	5.0	5.0	5.0
1972	8.0	9.2	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1973	8.0	9.2	7.0	7.0	6.2	6.2	4.4	4.4	4.4	5.0	5.0	5.0
1974	7.5	9.2	7.4	7.4	6.0	6.0	4.4	4.4	4.4	5.0	5.0	5.0
1975	5.3	5.7	7.4	7.4	5.8	5.8	4.4	4.4	4.4	5.0	5.0	5.2

20 YR. STATISTICS FOR PACIFIC STATION 21 (37.83N 123.53W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.8
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 202
 STANDARD DEVIATION OF HS(METRES)= 2.0
 STANDARD DEVIATION OF TP(SECONDS)= 0.9
 LARGEST HS(METRES)= 9.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.0
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 26.0
 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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												1
2.0-2.9												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	68	120	3	0	10	1	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												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	8	5	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												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	11	0	1	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9												0
1.0-1.9												0
2.0-2.9												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	5	0	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.

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	PEAK PERIOD(SECONDS)											
0.-0.9	4	6.0	6.1	8.1	9.6	10.6	11.8	13.4	15.4	18.2	22.3 LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	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	1	0	0	0	0	0	0	0	0	0	
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) = 90.0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	PEAK PERIOD(SECONDS)											
0.-0.9	4	6.0	6.1	8.1	9.6	10.6	11.8	13.4	15.4	18.2	22.3 LONGER	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	8	5	.	.	.	.	1	.	.	.	13
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	11	6	0	0	0	0	1	0	0	0	0	
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) = 112.5												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	PEAK PERIOD(SECONDS)											
0.-0.9	4	6.0	6.1	8.1	9.6	10.6	11.8	13.4	15.4	18.2	22.3 LONGER	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	.	.	.	.	.	.	.	.	.	0
3.0-3.9	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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	6	0	0	0	0	0	0	0	0	0	
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) = 135.0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	PEAK PERIOD(SECONDS)											
0.-0.9	4	6.0	6.1	8.1	9.6	10.6	11.8	13.4	15.4	18.2	22.3 LONGER	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	.	.	.	.	.	.	.	.	.	0
3.0-3.9	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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	6	0	0	0	0	0	0	0	0	0	
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												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL	
	PEAK PERIOD(SECONDS)											
0.-0.9	4	6.0	6.1	8.1	9.6	10.6	11.8	13.4	15.4	18.2	22.3 LONGER	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	0
2.0-2.9	1	1	.	.	.	.	5	.	.	.	11
3.0-3.9	6	5	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	13	6	0	0	0	5	0	0	0	0	
MEAN HS(M) =	3.6	LARGEST HS(M)=	5.7	MEAN TP(SEC)=	8.3	NO. OF CASES=	18.					

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	3	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	15	.	5	1	1	1	.	.	.	.	23
2.0-2.9	.	17	18	.	.	1	.	.	.	.	.	36
3.0-3.9	.	.	4	8	.	.	.	.	.	.	.	12
4.0-4.9	.	.	1	2	5	.	.	.	.	.	.	10
5.0-5.9	.	.	.	3	11	1	.	.	.	.	.	15
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	4	67	60	38	17	5	0	0	0	0	0	0
MEAN HS(M) =	4.7	LARGEST HS(M)=	8.0	MEAN TP(SEC)=	8.6	NO. OF CASES=	118.					

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	1	.	.	1	.	1	1	.	.	.	.	0
1.0-1.9	5	20	14	16	1	1	1	.	.	.	.	46
2.0-2.9	5	26	75	26	17	13	13	.	.	.	.	166
3.0-3.9	.	34	88	23	37	10	1	.	.	.	.	193
4.0-4.9	.	.	116	63	15	8	6	.	.	.	.	208
5.0-5.9	.	.	6	63	25	25	8	.	.	.	.	133
6.0-6.9	.	.	.	5	2	1	11	3	.	.	.	40
7.0-7.9	.	.	.	.	1	1	1	.	.	.	.	15
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	112	298	192	120	78	21	0	0	0	0	0
MEAN HS(M) =	4.9	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	9.6	NO. OF CASES=	494.					

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	47	65	35	22	1	5	.	.	.	.	163
2.0-2.9	8	69	90	44	65	143	60	5	.	.	.	298
3.0-3.9	.	56	121	63	63	53	53	1	.	.	.	259
4.0-4.9	.	.	13	59	47	15	1	25	.	.	.	159
5.0-5.9	.	.	.	.	1	.	8	5	.	.	.	21
6.0-6.9	.	.	.	.	.	.	6	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	179	418	278	299	278	184	11	0	0	0	0
MEAN HS(M) =	4.5	LARGEST HS(M)=	9.4	MEAN TP(SEC)=	10.4	NO. OF CASES=	979.					

STATION 22 38.04N 124.11W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	1	47	30	11	8	.	.	.	.	.	.	0
1.0-1.9	13	35	99	68	162	99	17	1	.	.	.	494
2.0-2.9	13	49	46	53	270	318	68	.	.	.	.	804
3.0-3.9	.	16	71	55	133	268	217	3	.	.	.	422
4.0-4.9	.	3	51	22	41	97	24	5	.	.	.	203
5.0-5.9	.	.	.	11	8	13	41	8	.	.	.	203
6.0-6.9	.	.	.	.	.	3	20	5	.	.	.	0
7.0-7.9	.	.	.	.	.	.	3	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	14	149	300	190	622	798	592	22	0	0	0	1582.
MEAN HS(M) =	3.9	LARGEST HS(M)=	8.4	MEAN TP(SEC)=	11.6	NO. OF CASES=	1582.					

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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	3	22	8	157	145	23	13	.	.	.	.	8
1.0-1.9	17	43	168	179	870	962	115	11	.	.	.	2563
2.0-2.9	.	39	68	107	132	1849	802	52	.	.	.	3636
3.0-3.9	.	5	29	30	154	681	1013	44	.	.	.	1956
4.0-4.9	.	.	6	1	25	142	566	116	.	.	.	856
5.0-5.9	.	.	.	.	.	17	80	56	.	.	.	154
6.0-6.9	.	.	.	.	.	.	23	11	.	.	.	14
7.0-7.9	.	.	.	.	.	.	.	18	.	.	.	10
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	20	108	524	665	1892	3677	2632	295	0	0	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	37	46	92	5	1796	1016	297	20	27	.	.	180
1.0-1.9	102	299	2120	3078	6652	4500	764	35	18	.	.	5654
2.0-2.9	109	294	1091	3078	2556	7669	2984	261	.	.	.	14308
3.0-3.9	.	432	116	290	303	2782	1403	420	1	.	.	21666
4.0-4.9	.	44	260	88	23	299	1403	620	.	.	.	2214
5.0-5.9	.	.	35	35	8	15	251	410	.	.	.	703
6.0-6.9	.	.	.	10	8	30	00	.	.	.	.	120
7.0-7.9	.	.	.	.	.	.	15	.	.	.	.	14
8.0-8.9	.	.	.	.	.	.	15	.	.	.	.	14
9.0-9.9	.	.	.	.	.	.	15	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	248	1115	3674	5302	10557	15562	9337	1918	22	0	.	0
MEAN HS(M) =	3.2	LARGEST HS(M)=	9.8	MEAN TP(SEC)=	11.9	NO. OF CASES=	27914.					

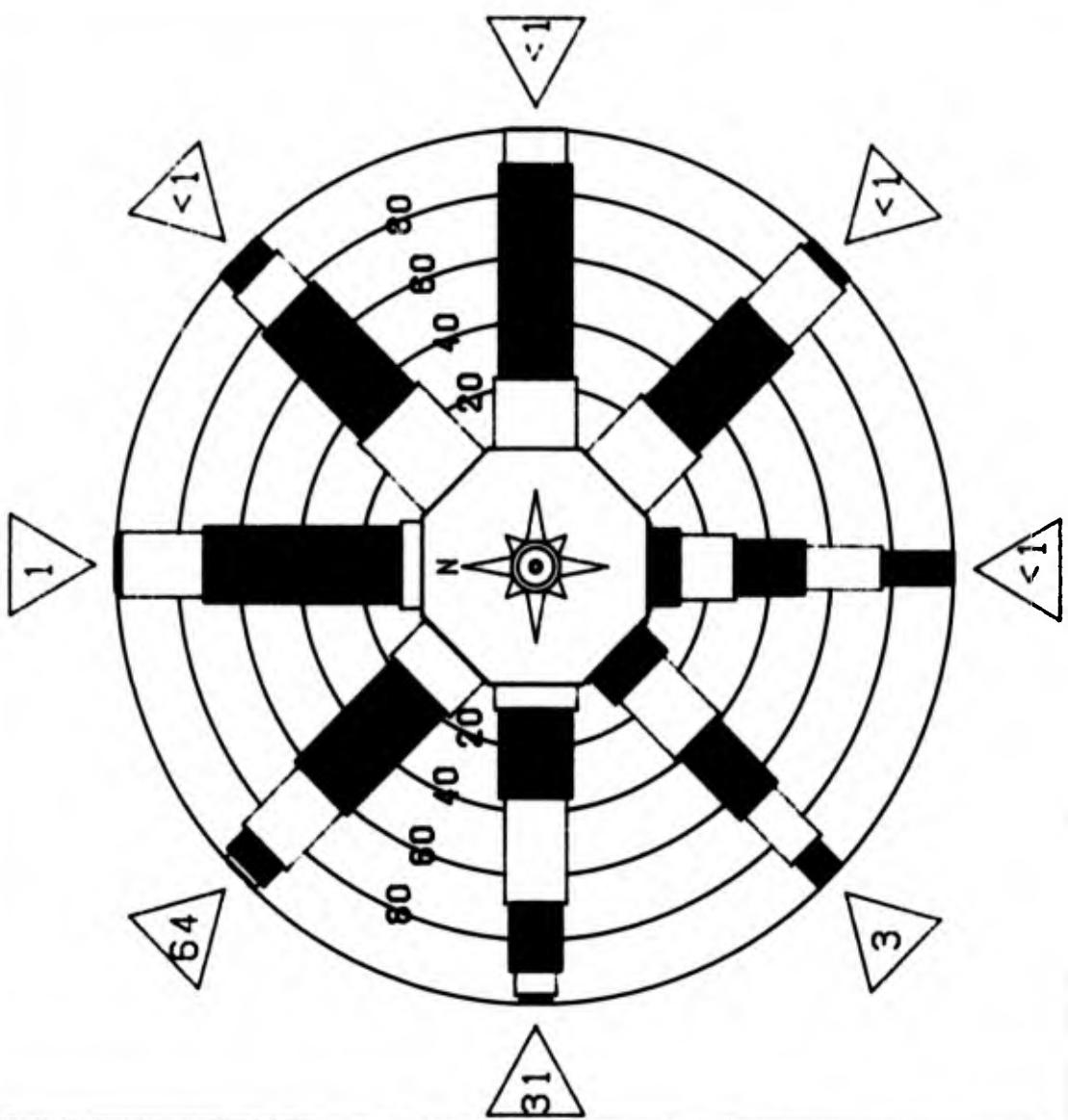
STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	49	35	22	646	213	61	6	15	.	.	.	106
1.0-1.9	949	1908	2024	3143	1964	436	73	12	5	.	.	5221
2.0-2.9	1440	2557	2054	3143	1404	1283	203	17	5	.	.	12474
3.0-3.9	.	2469	1333	3143	1404	1283	203	17	5	.	.	1080
4.0-4.9	.	198	669	189	92	453	260	8	.	.	.	1869
5.0-5.9	.	.	70	10	3	35	118	27	15	.	.	309
6.0-6.9	.	.	.	.	.	.	5	.	.	.	.	33
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2438	10257	6948	4399	3711	2270	664	95	10	0	.	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	6.9	MEAN TP(SEC)=	8.7	NO. OF CASES=	18008.					

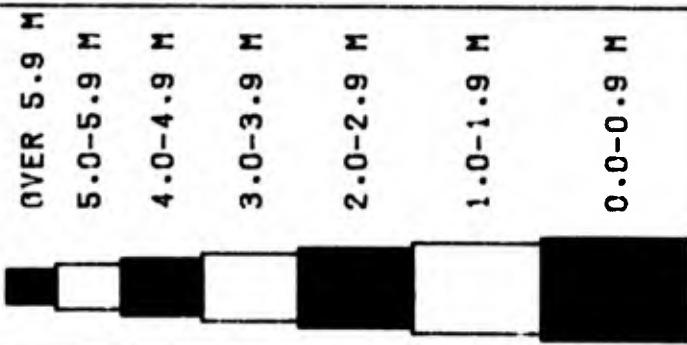
STATION 22 38.04N 124.11W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	49	35	22	646	213	61	6	15	.	.	.	106
1.0-1.9	167	15	212	29	.	17	.	.	.	.	.	15
2.0-2.9	379	2368	378	30	23	1	3	.	5	.	.	425
3.0-3.9	.	1204	473	52	27	18	.	.	1	.	.	3187
4.0-4.9	.	73	168	87	6	30	.	.	.	.	.	1775
5.0-5.9	.	.	22	10	1	.	.	.	.	.	.	384
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	33
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	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.					

HEIGHT(METRES)	STATION 22 38°04'N 124°11'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	8	9	12								29
1.0-1.9	125	258	444	261	140	78	3	4	.	.	457
2.0-2.9	207	848	465	674	968	600	99	6	2	.	486
3.0-3.9	.	441	220	97	510	1123	407	31	.	.	282
4.0-4.9	.	45	142	49	80	437	535	40	.	.	133
5.0-5.9	.	.	47	23	19	63	247	77	.	.	47
6.0-6.9	.	.	2	19	6	28	41	49	.	.	12
7.0-7.9	.	.	.	.	3	20	8	10	.	.	2
8.0-8.9	.	.	.	.	1	1	1	3	.	.	6
9.0-9.9	.	.	.	.	.	.	.	1	.	.	1
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=					



STATION 22
38.04N.124.11W
58440 CASES



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	
1956	3.6	3.8	3.3	3.7	3.8	3.8	3.5	3.5	3.8	3.5	3.7	3.0	3.8
1957	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.1	3.9
1958	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1959	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1960	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.9
1961	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.9
1962	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1963	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1964	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1965	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1966	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1967	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1968	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1969	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1970	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1971	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1972	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1973	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1974	3.6	3.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.0	3.9
1975	3.1	3.5	3.8	3.9	2.7	2.8	2.5	2.3	1.9	1.3	2.0	3.1	3.1
MEAN	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
1956	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.1	
1957	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1958	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1959	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1960	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1961	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1962	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1963	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1964	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1965	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1966	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1967	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1968	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1969	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1970	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1971	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1972	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1973	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1974	5.4	6.9	5.7	5.0	6.6	6.2	3.5	5.5	6.3	6.3	6.7	
1975	5.3	5.7	7.5	4.2	5.0	4.7	3.9	3.8	2.1	4.5	4.7	4.7

20 YR. STATISTICS FOR PACIFIC STATION 22 (38.04N 124.11W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.1
 STANDARD DEVIATION OF TP(SECONDS)= 2.7
 LARGEST HS(METRES)= 0.8
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 254.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 64011900

HEIGHT(METRES)	STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER		
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2				
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	134	0	0	1	8	0	0	0	0	0			0
MEAN HS(M) =	2.0	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	5.6	NO. OF CASES=							65.
STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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													0
5.0-5.9													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			0
MEAN HS(M) =	2.0	LARGEST HS(M)=	2.4	MEAN TP(SEC)=	5.6	NO. OF CASES=							9.
STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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													0
5.0-5.9													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			0
MEAN HS(M) =	2.1	LARGEST HS(M)=	2.4	MEAN TP(SEC)=	5.1	NO. OF CASES=							2.
STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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													0
5.0-5.9													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			0
MEAN HS(M) =	1.9	LARGEST HS(M)=	1.9	MEAN TP(SEC)=	5.2	NO. OF CASES=							1.

HEIGHT(METRES)	STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	0
1.0-1.9	.	.	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	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=								
STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	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	.	.	.	.	.	.	.	.	.	5
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) = 2.5	LARGEST HS(M)= 2.9	MEAN TP(SEC)= 6.6	NO. OF CASES=								
STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	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
10.0+	.	.	.	.	.	.	.	.	.	.	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=								
STATION 23 38.44N 123.88W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	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	.	.	.	.	.	.	.	.	.	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+	.	.	.	.	.	.	.	.	.	.	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=								

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	5	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	6	.	.	.	.	.	.	.	.	.	14
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	16
3.0-3.9	.	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	6	.	.	.	.	.	.	.	.	.	6
5.0-5.9	.	5	8	6	.	.	.	.	.	.	.	10
6.0-6.9	.	.	1	.	1	.	1	.	.	.	.	2
7.0-7.9	.	.	.	.	.	1	1	.	.	.	.	2
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	18	7	8	10	2	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	3	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	15	15	.	.	.	.	.	.	.	.	75
2.0-2.9	4	17	25	30	16	1	1	.	.	.	.	110
3.0-3.9	8	20	25	35	20	1	1	.	.	.	.	81
4.0-4.9	.	30	35	42	16	1	1	.	.	.	.	114
5.0-5.9	.	3	24	32	17	1	1	.	.	.	.	80
6.0-6.9	.	3	24	32	17	1	1	.	.	.	.	33
7.0-7.9	.	3	13	17	1	1	1	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	64	126	99	122	42	1	0	0	0	0	278.
MEAN HS(M) =	4.8	LARGEST HS(M)=	7.6	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	5	6	.	.	.	.	.	.	.	.	0
1.0-1.9	8	30	63	8	8	3	3	.	.	.	.	120
2.0-2.9	24	13	84	80	30	3	3	.	.	.	.	449
3.0-3.9	23	90	67	140	102	20	20	.	.	.	.	442
4.0-4.9	1	1	63	85	40	15	15	.	.	.	.	209
5.0-5.9	.	.	3	22	8	8	8	.	.	.	.	56
6.0-6.9	.	.	.	8	5	15	15	.	.	.	.	11
7.0-7.9	.	.	.	.	5	6	6	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	126	392	314	473	290	84	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	5	56	16	3	.	.	.	.	.	.	1
1.0-1.9	8	52	135	65	145	53	25	3	.	.	.	130
2.0-2.9	92	111	109	427	278	42	42	3	.	.	.	543
3.0-3.9	94	121	121	252	634	167	3	.	.	.	.	1061
4.0-4.9	18	121	52	25	62	246	164	3	.	.	.	1071
5.0-5.9	1	52	60	25	62	246	164	3	.	.	.	235
6.0-6.9	.	5	1	1	11	11	17	3	.	.	.	46
7.0-7.9	.	.	.	.	.	8	.	.	.	.	.	20
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	252	486	402	902	1098	699	10	0	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

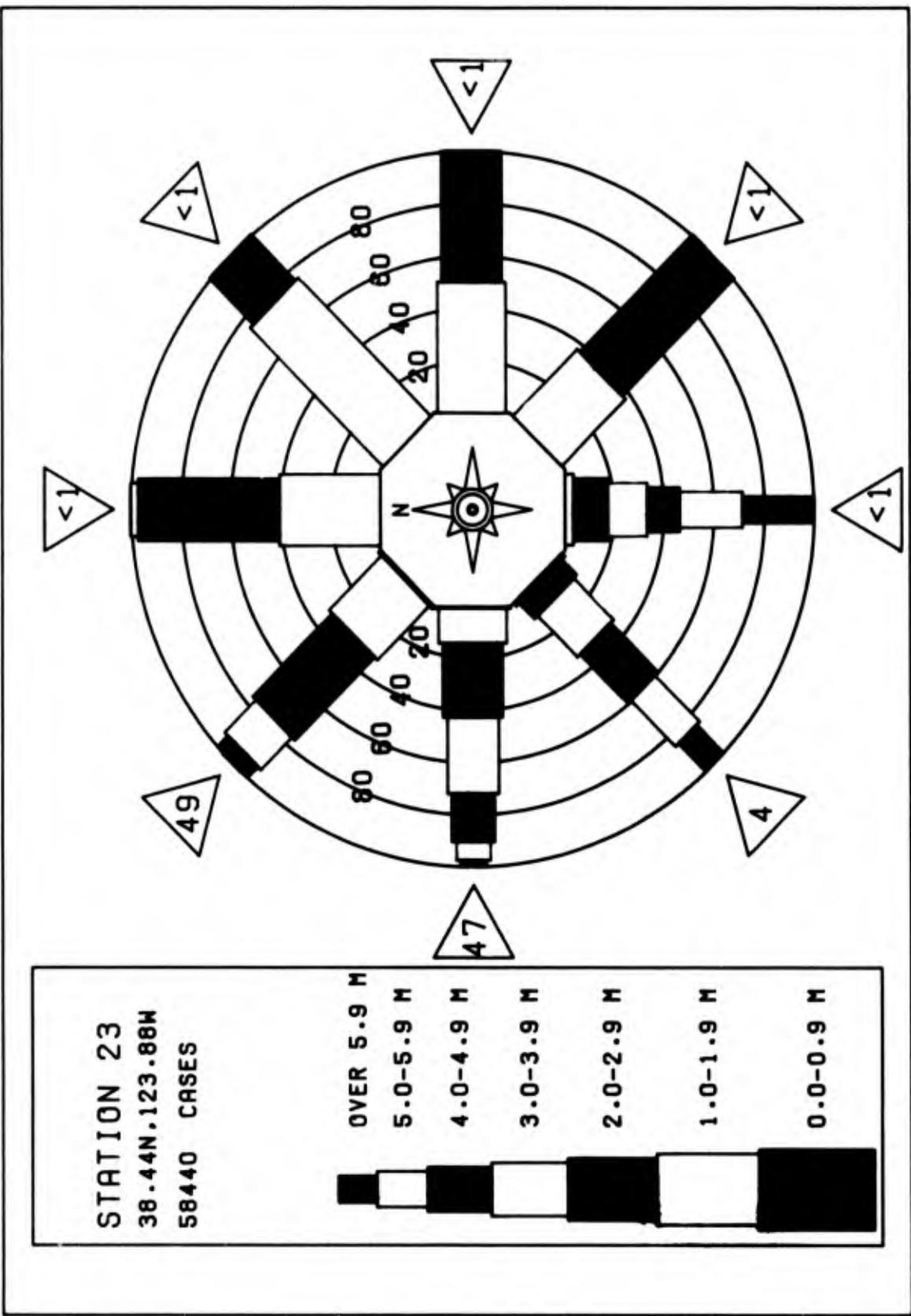
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.0-0.9	3	27	11	11	205	266	59	3	8	1	1	1	1	1	1	1	1	1	1	1	52	
1.0-1.9	11	70	49	150	1505	1502	1274	244	1	1	1	1	1	1	1	1	1	1	1	1	1208	
2.0-2.9	1	60	123	205	1505	1502	1274	244	1	1	1	1	1	1	1	1	1	1	1	1	1202	
3.0-3.9	.	10	85	30	292	1439	1435	68	1	1	1	1	1	1	1	1	1	1	1	1	1359	
4.0-4.9	.	1	15	32	35	272	183	188	1	1	1	1	1	1	1	1	1	1	1	1	1359	
5.0-5.9	.	.	1	10	1	30	183	188	1	1	1	1	1	1	1	1	1	1	1	1	1211	
6.0-6.9	.	.	.	6	5	37	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1211	
7.0-7.9	.	.	.	6	5	37	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1211	
8.0-8.9	.	.	.	6	5	37	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1211	
9.0-9.9	.	.	.	6	5	37	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1211	
TOTAL	31	294	1028	1252	2898	5679	3786	463	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	3.5	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	12.1	NO. OF CASES=	9034.															

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.0-0.9	71	325	386	11	15	65	41	41	41	13	13	13	13	13	13	13	13	13	13	13	833	
1.0-1.9	352	2077	6481	3930	1877	610	200	200	200	200	200	200	200	200	200	200	200	200	200	200	22209	
2.0-2.9	201	275	2183	4935	2026	5238	845	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	22209	
3.0-3.9	1	393	410	300	2026	2381	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	1530	
4.0-4.9	46	171	104	47	47	241	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	
5.0-5.9	.	29	5	47	47	241	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	1218	
6.0-6.9	.	.	.	5	6	27	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	625	3616	9674	9132	13182	15599	8742	1657	14	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.8	LARGEST HS(M)=	9.3	MEAN TP(SEC)=	11.2	NO. OF CASES=	36390.															

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.0-0.9	5	29	44	5	65	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	83	
1.0-1.9	101	1374	1163	236	732	62	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	
2.0-2.9	1343	1473	2686	1919	571	386	73	1	1	1	1	1	1	1	1	1	1	1	1	1	8254	
3.0-3.9	46	52	564	473	13	78	6	1	1	1	1	1	1	1	1	1	1	1	1	1	2206	
4.0-4.9	.	5	10	41	13	78	6	1	1	1	1	1	1	1	1	1	1	1	1	1	153	
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2405	2973	4467	2674	1401	547	112	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.3	LARGEST HS(M)=	4.8	MEAN TP(SEC)=	8.4	NO. OF CASES=	8530.															

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.0-0.9	1	77	32	35	1	20	6	3	3	3	3	3	3	3	3	3	3	3	3	3	444	
1.0-1.9	550	54	181	25	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	846	
2.0-2.9	17	1	6	13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	47
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
TOTAL	944	87	222	43	25	11	3	3	3	3	3	3	3	3	3	3	3	3	3	3	768.	
MEAN HS(M) =	2.1	LARGEST HS(M)=	3.7	MEAN TP(SEC)=	6.3	NO. OF CASES=	768.															

HEIGHT(METRES)	STATION 23 38°44'N 123°88'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0.0-0.9	8	38	44	2	1	2	1	4	1	1	.	95
1.0-1.9	185	364	822	447	223	47	113	4	1	.	.	2098
2.0-2.9	222	250	560	737	104	663	113	7	.	.	.	4597
3.0-3.9	6	78	137	120	482	1063	196	27	.	.	.	3318
4.0-4.9	.	12	54	54	44	443	214	46	.	.	.	1199
5.0-5.9	.	.	22	20	15	15	246	63	.	.	.	481
6.0-6.9	.	.	1	12	16	16	49	51	.	.	.	145
7.0-7.9	.	.	.	.	4	4	11	8	.	.	.	27
8.0-8.9	.	.	.	.	1	2	1	1	.	.	.	9
9.0-9.9	.	.	.	.	.	.	1	1	.	.	.	2
TOTAL	421	742	1640	1391	1901	2326	1339	210	1	0	.	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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.9	3.7	3.3	3.7	3.0	2.5	1.7	2.1	1.7	2.3	2.6	2.9	3.0
1957	4.7	4.7	4.4	4.7	4.0	3.6	2.9	3.0	3.0	3.0	3.0	3.7	3.8
1958	4.1	4.1	4.0	4.0	3.7	3.4	2.9	3.0	3.0	3.0	3.0	3.8	3.8
1959	4.4	4.4	4.0	4.4	3.7	3.4	2.9	3.0	3.0	3.0	3.0	4.0	3.9
1960	4.1	4.1	4.0	4.0	3.7	3.4	2.9	3.0	3.0	3.0	3.0	3.8	3.8
1961	4.4	4.4	4.0	4.4	3.7	3.4	2.9	3.0	3.0	3.0	3.0	4.0	3.8
1962	4.4	4.4	4.0	4.4	3.7	3.4	2.9	3.0	3.0	3.0	3.0	4.0	3.8
1963	4.4	4.4	4.0	4.4	3.7	3.4	2.9	3.0	3.0	3.0	3.0	4.0	3.8
1964	4.9	4.9	4.0	4.9	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.5	4.5
1965	4.3	4.3	4.0	4.3	3.7	3.4	2.9	3.0	3.0	3.0	3.0	4.0	3.9
1966	4.9	4.9	4.0	4.9	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.5	4.5
1967	4.7	4.7	4.0	4.7	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.4	4.4
1968	4.9	4.9	4.0	4.9	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.5	4.5
1969	4.0	4.0	4.0	4.0	3.7	3.4	2.9	3.0	3.0	3.0	3.0	4.0	4.0
1970	4.7	4.7	4.0	4.7	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.4	4.4
1971	4.4	4.4	4.0	4.4	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.0	4.0
1972	4.7	4.7	4.0	4.7	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.4	4.4
1973	4.4	4.4	4.0	4.4	4.0	3.6	3.0	3.0	3.0	3.0	3.0	4.0	4.0
1974	4.0	4.0	4.0	4.0	3.7	3.4	2.9	3.0	3.0	3.0	3.0	3.8	3.8
1975	3.1	3.6	3.7	2.4	2.5	1.9	1.9	1.5	1.5	0.9	2.7	3.1	3.2
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	3.5

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 23 (38.44N 123.88W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	5.4	7.3	5.5	6.6	8.8	3.6	2.6	3.1	3.0	4.6	3.7	3.9
1957	5.5	7.1	6.6	4.9	4.4	3.4	3.4	3.0	4.4	4.4	4.6	5.4
1958	6.8	7.1	6.6	4.4	4.4	3.6	3.4	3.0	4.4	4.4	4.6	6.4
1959	7.3	7.6	6.6	4.9	4.9	3.6	3.4	3.0	4.4	4.4	4.6	6.4
1960	8.2	8.6	4.4	4.4	4.4	3.6	3.4	3.0	4.4	4.4	4.6	6.0
1961	6.4	6.5	4.4	4.4	4.4	3.6	3.4	3.0	4.4	4.4	4.6	6.8
1962	4.2	4.7	5.0	5.0	5.0	3.2	3.2	3.0	4.4	4.4	4.6	7.0
1963	9.0	9.1	5.5	5.7	5.6	3.7	3.7	3.8	4.4	4.4	4.8	8.0
1964	9.3	4.9	5.5	5.9	5.6	3.6	3.6	3.8	4.4	4.4	4.8	7.8
1965	6.8	5.8	4.4	4.4	4.4	3.6	3.6	3.6	4.4	4.4	4.7	5.6
1966	6.1	5.8	6.0	6.3	6.3	3.6	3.6	3.6	4.4	4.4	4.7	6.7
1967	6.6	5.9	5.9	5.9	5.9	3.6	3.6	3.6	4.4	4.4	4.7	6.6
1968	7.3	5.9	5.9	5.9	5.9	3.6	3.6	3.6	4.4	4.4	4.7	6.8
1969	5.5	6.5	5.5	5.5	5.5	3.6	3.6	3.6	4.4	4.4	4.9	7.3
1970	7.0	6.5	5.5	5.5	5.5	3.6	3.6	3.6	4.4	4.4	4.9	7.6
1971	7.1	6.5	5.5	5.5	5.5	3.6	3.6	3.6	4.4	4.4	4.9	7.7
1972	6.7	6.0	6.0	6.0	6.0	3.6	3.6	3.6	4.4	4.4	4.7	7.4
1973	6.7	6.4	6.0	6.0	6.0	3.6	3.6	3.6	4.4	4.4	4.7	7.4
1974	9.3	6.2	6.8	6.2	4.6	4.1	3.8	3.3	3.7	4.2	4.5	5.3
1975	5.7	5.9	7.4	3.7	4.7	3.8	3.2	3.3	3.7	4.2	4.5	5.3

20 YR. STATISTICS FOR PACIFIC STATION 23 (38.44N 123.88W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=

2.9

MEAN PEAK WAVE PERIOD (SECONDS)=

10.9

MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=

292.5

STANDARD DEVIATION OF HS(METRES)=

2.1

STANDARD DEVIATION OF TP(SECONDS)=

2.1

LARGEST HS(METRES)=

9.5

TP (SECONDS) ASSOC WITH THE LARGEST HS=

14.3

AVE. DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS=

239.0

DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

57022418

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.-0.9												0
1.0-1.9	5	5	.									10
2.0-2.9	20	18	6	6	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
TOTAL	25	24	11	0	1	0	0	0	0	0		0
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.-0.9												0
1.0-1.9	3	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
TOTAL	11	0	4	0	0	0	0	0	0	0		0
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.-0.9												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 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.-0.9												0
1.0-1.9	i	..	..	..	..	..	..	..	..	..		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	i	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=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	i	i	.	.	.	.	.	.	.	.	.	.	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	i	i	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	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+	0
TOTAL	0	5	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	.	.	6
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+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	6	3	.	.	.	.	.	.	.	.	.	.	6
3.0-3.9	6	1	.	.	.	.	.	.	.	.	.	.	6
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+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	7	4	2	1	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	.	3
2.0-2.9	8	10	.	.	.	.	.	.	.	.	.	18
3.0-3.9	.	27	3	.	1	1	5	.	.	.	.	34
4.0-4.9	.	10	15	1	.	.	.	.	.	.	.	26
5.0-5.9	.	27	11	.	.	.	.	.	.	.	.	27
6.0-6.9	.	1	17	11	.	.	.	.	.	.	.	17
7.0-7.9	.	27	3	29	5	.	.	.	.	.	.	37
8.0-8.9	.	.	3	29	5	.	.	.	.	.	.	37
9.0-9.9	.	.	.	29	5	.	.	.	.	.	.	37
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	47	46	32	41	10	0	0	0	0	0	114.
MEAN HS(M) =	5.1	LARGEST HS(M)=	7.8	MEAN TP(SEC)=	9.0	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	1	.	.	.	.	.	.	.	.	0
1.0-1.9	1	23	13	3	3	3	.	.	.	.	.	23
2.0-2.9	64	92	11	11	11	11	.	.	.	.	.	43
3.0-3.9	22	114	54	47	22	11	.	.	.	.	.	161
4.0-4.9	.	106	66	47	22	11	.	.	.	.	.	160
5.0-5.9	.	25	87	59	11	5	.	.	.	.	.	229
6.0-6.9	.	8	25	25	11	1	.	.	.	.	.	61
7.0-7.9	.	.	1	1	15	1	.	.	.	.	.	20
8.0-8.9	.	.	.	1	1	1	.	.	.	.	.	20
9.0-9.9	.	.	.	.	1	1	.	.	.	.	.	20
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2	99	351	230	193	94	18	0	0	0	0	591.
MEAN HS(M) =	5.1	LARGEST HS(M)=	10.0	MEAN TP(SEC)=	9.8	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	8	10	1	1	.	.	.	.	.	.	0
1.0-1.9	18	61	42	20	22	15	.	.	.	.	.	20
2.0-2.9	119	102	78	121	100	17	.	.	.	.	.	178
3.0-3.9	42	188	65	66	126	17	.	.	.	.	.	177
4.0-4.9	.	148	67	59	126	73	.	.	.	.	.	164
5.0-5.9	.	13	70	58	15	29	1	.	.	.	.	142
6.0-6.9	.	.	1	13	5	8	.	.	.	.	.	125
7.0-7.9	.	.	.	8	5	11	.	.	.	.	.	19
8.0-8.9	.	.	.	.	5	8	.	.	.	.	.	13
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	18	230	503	322	345	339	223	6	0	0	0	1173.
MEAN HS(M) =	4.5	LARGEST HS(M)=	9.2	MEAN TP(SEC)=	10.4	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	8	10	1	1	.	.	.	.	.	.	0
1.0-1.9	15	56	118	102	122	92	10	3	.	.	.	124
2.0-2.9	56	50	58	350	371	88	.	.	.	.	.	139
3.0-3.9	18	75	34	130	326	246	5	.	.	.	.	981
4.0-4.9	.	1	5	39	107	289	11	.	.	.	.	834
5.0-5.9	.	6	6	13	20	56	10	.	.	.	.	115
6.0-6.9	.	.	1	.	6	15	1	.	.	.	.	23
7.0-7.9	.	.	.	.	6	6	.	.	.	.	.	6
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	21	159	349	258	701	922	715	30	0	0	0	1857.
MEAN HS(M) =	4.0	LARGEST HS(M)=	8.4	MEAN TP(SEC)=	11.6	NO. OF CASES=						

STATION 24 38.65N 124.46W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9												11
1.0-1.9	6	41	10	106	174	27	11	22	.	.	.	666
2.0-2.9	10	44	152	4222	590	1093	186	23	.	.	.	2921
3.0-3.9	.	49	66	1423	759	2267	656	45	.	.	.	2160
4.0-4.9	.	8	29	122	153	626	1247	106	.	.	.	1466
5.0-5.9	.	5	5	37	168	630	106	71	.	.	.	970
6.0-6.9	.	.	1	20	83	25	13	.	.	.	.	176
7.0-7.9	.	.	.	.	.	22	.	.	.	.	.	35
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	22
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
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 =									

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	34	37	135	3	1161	343	17	29	.	.	.	209
1.0-1.9	104	429	2832	2049	1161	343	799	247	13	.	.	6822
2.0-2.9	99	277	1329	3157	6771	270	2955	239	.	.	.	16870
3.0-3.9	318	107	311	2530	7654	2619	3515	426	3	.	.	13924
4.0-4.9	.	35	169	100	354	42	349	13510	426	.	.	7225
5.0-5.9	.	25	46	42	349	13510	2952	3569	.	.	.	2385
6.0-6.9	.	.	10	8	349	13510	2952	3569	.	.	.	602
7.0-7.9	.	.	.	.	1	27	3569	.	.	.	.	75
8.0-8.9	.	.	.	.	.	11	.	.	.	.	.	11
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	237	1096	4588	5673	10866	15157	8926	1703	16	0	.	0
MEAN HS(M) = 3.1	LARGEST HS(M) = 9.4	MEAN TP(SEC) = 11.8	NO. OF CASES =									28219.

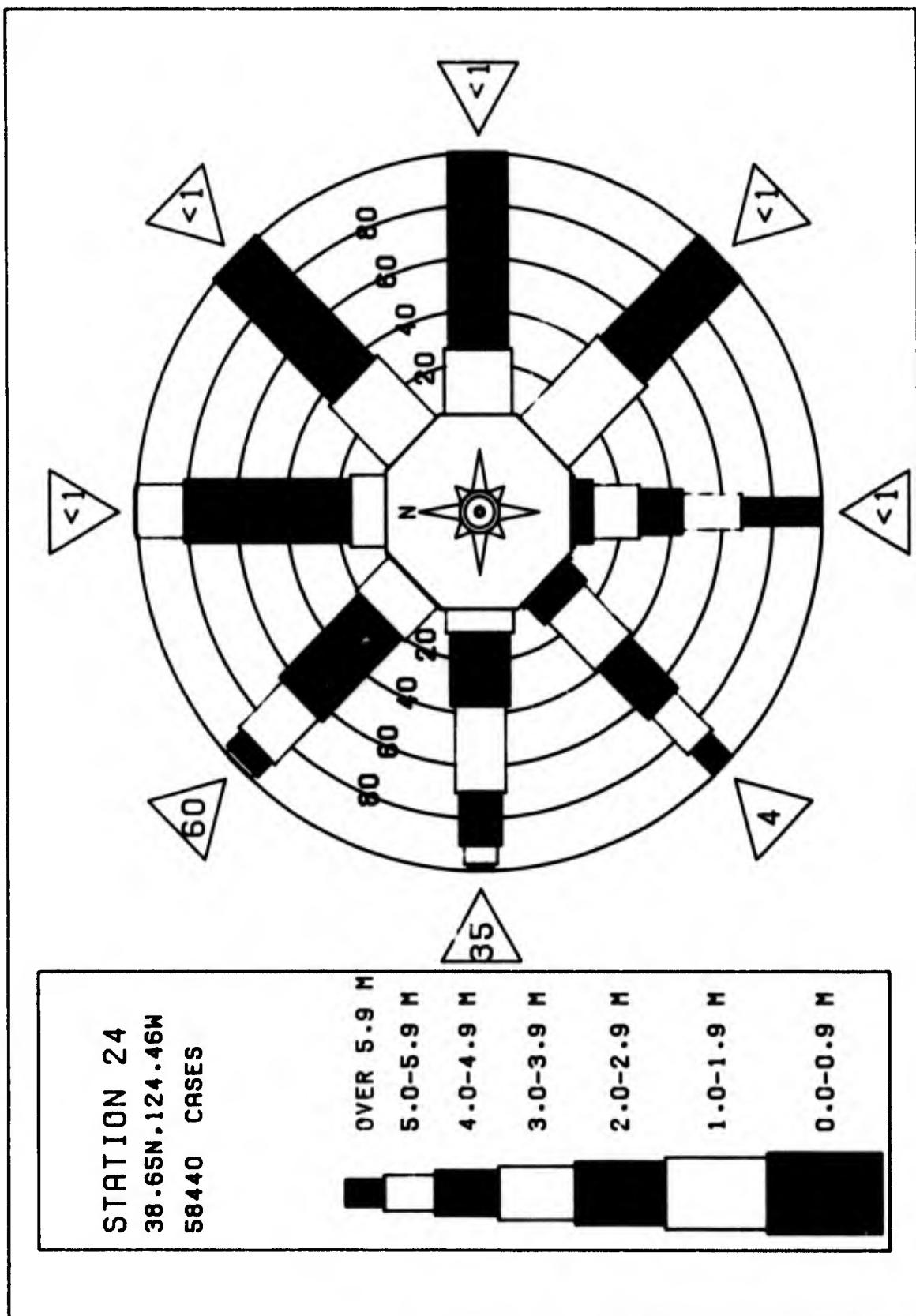
STATION 24 38.65N 124.46W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	42	46	29	627	222	65	8	13	.	.	.	117
1.0-1.9	684	2133	2051	627	1562	386	92	13	.	.	.	6003
2.0-2.9	1117	4242	3058	3024	1562	386	157	10	.	.	.	13446
3.0-3.9	5	1675	1468	2073	1562	1057	157	10	.	.	.	1551
4.0-4.9	54	645	22	207	70	39	158	11	.	.	.	2222
5.0-5.9	.	6	5	6	5	.	.	20	.	.	.	31
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2048	8355	6803	4356	3445	1928	496	62	0	0	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	232	17	44	3	6	1	5	1	.	.	.	17
1.0-1.9	301	2571	477	27	20	6	5	1	.	.	.	602
2.0-2.9	747	1057	169	146	18	1	6	6	.	.	.	1887
3.0-3.9	17	1	1	1	1	1	1	1	.	.	.	348
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	21
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
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 =									

HEIGHT(METRES)	STATION 24 30.65N 126.46W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	7	10	17	289	153	43	6	4	1	1	34
1.0-1.9	126	289	516	289	872	502	103	7	1	1	1439
2.0-2.9	161	752	472	677	506	1120	420	26	1	1	1749
3.0-3.9	305	205	104	567	430	1120	420	45	1	1	1700
4.0-4.9	.	21	142	63	507	430	244	67	1	1	1313
5.0-5.9	.	.	30	34	24	75	40	45	1	1	131
6.0-6.9	.	.	4	20	15	4	1	1	1	1	24
7.0-7.9	.	.	1	1	1	1	1	1	1	1	24
8.0-8.9	.	.	1	1	1	1	1	1	1	1	24
9.0-9.9	.	.	1	1	1	1	1	1	1	1	24
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	294	1384	1488	1188	1781	2284	1339	209	1	0	
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	
1956	3.7	3.8	3.3	2.8	2.8	2.8	2.2	2.4	2.8	2.4	2.6	3.0	2.8
1957	3.8	3.9	3.4	2.9	2.9	2.9	2.4	2.6	2.9	2.6	2.7	3.1	2.9
1958	3.9	4.0	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1959	4.0	4.1	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1960	4.1	4.2	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1961	4.2	4.3	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1962	4.3	4.4	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1963	4.4	4.5	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1964	4.5	4.6	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1965	4.6	4.7	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1966	4.7	4.8	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1967	4.8	4.9	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1968	4.9	5.0	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1969	5.0	5.1	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1970	5.1	5.2	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1971	5.2	5.3	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1972	5.3	5.4	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1973	5.4	5.5	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1974	5.5	5.6	3.6	3.1	3.1	3.1	2.7	2.9	3.1	2.8	2.9	3.1	3.0
1975	5.6	5.6	3.8	2.7	2.8	2.5	2.3	1.9	1.2	2.8	3.1	3.1	2.8
MEAN	3.9	3.9	3.6	3.2	2.7	2.5	2.4	2.2	2.1	2.7	3.5	4.0	

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	
1956	5.5	7.4	5.9	5.0	4.6	4.1	3.8	3.5	3.1	4.5	3.7	4.0	
1957	5.7	9.1	5.1	5.1	5.2	3.7	3.1	3.4	4.7	4.7	4.4	4.0	
1958	6.5	7.8	6.5	4.9	4.9	4.1	3.7	3.2	3.0	4.0	4.0	4.0	
1959	8.0	7.8	5.5	5.8	5.1	4.0	3.5	3.2	3.0	3.7	3.6	3.6	
1960	10.0	7.8	6.4	5.8	5.1	4.0	3.5	3.2	3.0	3.7	3.6	3.6	
1961	6.3	5.7	5.5	5.9	4.6	4.0	3.5	3.2	3.0	3.7	3.6	3.6	
1962	4.3	6.7	5.5	5.9	4.6	4.0	3.5	3.2	3.0	3.7	3.6	3.6	
1963	10.0	9.2	5.5	5.9	4.7	4.7	4.4	4.4	4.0	4.0	4.0	4.0	
1964	9.4	4.9	6.2	6.2	5.2	4.7	4.4	4.4	4.0	4.0	4.0	4.0	
1965	9.8	6.0	6.0	6.2	5.2	4.7	4.0	3.5	3.0	3.5	3.5	3.5	
1966	7.6	6.0	6.6	6.6	5.0	4.7	4.0	3.9	3.5	3.5	3.5	3.5	
1967	6.7	6.1	6.6	6.6	5.2	4.7	4.3	4.3	4.0	4.1	4.0	4.0	
1968	7.2	6.1	6.9	6.9	5.3	4.5	4.0	4.2	3.8	4.1	4.0	4.0	
1969	5.3	6.8	6.1	6.6	5.6	4.6	4.0	3.8	3.8	4.0	4.0	4.0	
1970	7.2	5.9	6.0	5.4	5.7	4.7	4.0	3.9	3.7	4.7	4.7	4.7	
1971	7.2	5.9	6.0	5.4	5.7	4.7	4.0	3.9	3.7	4.7	4.7	4.7	
1972	6.8	5.2	6.7	6.7	5.0	4.2	3.7	3.7	3.1	4.1	4.1	4.1	
1973	7.6	6.4	6.8	6.8	5.6	4.9	4.2	4.2	3.7	4.6	4.6	4.6	
1974	8.6	6.6	6.8	6.8	5.6	5.4	5.0	5.1	3.6	5.0	5.3	6.0	
1975	5.6	5.6	7.3	4.4	5.0	5.2	4.1	4.2	2.1	4.6	5.1	4.6	

20 YR. STATISTICS FOR PACIFIC STATION 24 (38.65N 124.46W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.8
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.1
 STANDARD DEVIATION OF TP(SECONDS)= 2.6
 LARGEST HS(METRES)= 15.0
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 213.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 63013118

HEIGHT(METRES)	STATION 25 38.85N 125.05W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
1.0-1.9	17	6	.	.	.	.	.	.	.	.	0	23
2.0-2.9	46	218	1	32	1	5	3	.	.	.	215	215
3.0-3.9	.	11	37	.	.	.	.	.	.	.	46	46
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	63	404	72	2	8	0	0	0	0	0	0	0
TOTAL	63	404	72	2	8	0	0	0	0	0	325.	325.
MEAN HS(M) =	3.0	LARGEST HS(M)=	6.0	MEAN TP(SEC)=	7.0	NO. OF CASES=						
HEIGHT(METRES)	STATION 25 38.85N 125.05W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	3	1	.	.	.	.	.	.	.	.	4	4
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	3	1	0	0	0	0	0	0	0	0	0	0
TOTAL	3	1	0	0	0	0	0	0	0	0	3	3
MEAN HS(M) =	2.5	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	5.9	NO. OF CASES=						
HEIGHT(METRES)	STATION 25 38.85N 125.05W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	1	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	0	0	0	0	0	0	0	0	1.	1.
HEIGHT(METRES)	STATION 25 38.85N 125.05W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3-LONGER		
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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=						

HEIGHT(METRES)	STATION 25 38.85N 125.05W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	11.8- 15.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0	400
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	3	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	1	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	0	4	0	0	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	11.8- 15.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0.-0.9	5	1	.	.	.	.	.	1	.	.	.	0	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	6	2	0	0	0	0	1	0	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	11.8- 15.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0.-0.9	3	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	1	1	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	3	0	0	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	11.8- 15.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	3	3	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	3	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	3	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	3	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	3	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	3	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	3	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	3	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	3	.	.	.	.	.	.	.	.	0	0
TOTAL	4	6	3	3	0	1	0	0	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	
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	11	6	.	.	.	.	.	.	.	.	19
2.0-2.9	.	13	30	11	1	3	.	.	.	.	.	44
3.0-3.9	.	.	27	27	11	1	.	.	.	.	.	46
4.0-4.9	.	.	6	27	11	5	.	.	.	.	.	39
5.0-5.9	.	.	.	5	11	6	.	.	.	.	.	46
6.0-6.9	.	.	.	.	11	6	.	.	.	.	.	17
7.0-7.9	.	.	.	.	.	6	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	6	37	73	43	55	17	0	0	0	0	0	0
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	
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	30	6	3	1	10	3	.	.	.	.	400
2.0-2.9	42	54	5	6	10	10	3	.	.	.	.	1200
3.0-3.9	25	140	20	20	10	10	4	.	.	.	.	1200
4.0-4.9	.	10	75	45	5	5	1	.	.	.	.	1000
5.0-5.9	.	.	75	77	1	1	1	.	.	.	.	1000
6.0-6.9	.	.	15	54	17	13	6	.	.	.	.	1000
7.0-7.9	.	.	3	3	13	13	2	.	.	.	.	1000
8.0-8.9	.	.	.	8	8	8	1	.	.	.	.	1000
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	1000
10.0+	.	.	.	.	.	.	.	.	.	.	.	1000
TOTAL	6	95	302	193	209	71	23	0	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	
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	.	.	3	.	.	.	.	.	.	.	0
1.0-1.9	6	54	37	3	6	85	3	.	.	.	.	1000
2.0-2.9	128	304	58	61	85	37	.	.	.	.	.	1000
3.0-3.9	41	205	121	68	102	37	.	.	.	.	.	1000
4.0-4.9	.	161	123	77	102	37	.	.	.	.	.	1000
5.0-5.9	.	26	20	53	24	24	8	.	.	.	.	1000
6.0-6.9	.	1	20	3	11	11	.	.	.	.	.	1000
7.0-7.9	.	.	.	3	11	11	.	.	.	.	.	1000
8.0-8.9	.	.	.	.	11	11	.	.	.	.	.	1000
9.0-9.9	.	.	.	.	11	11	.	.	.	.	.	1000
10.0+	.	.	.	.	11	11	.	.	.	.	.	1000
TOTAL	9	223	547	369	349	360	166	8	0	0	0	4
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	
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1	17	96	8	.	.	.	.	.	.	.	0
1.0-1.9	15	156	150	95	124	51	6	4	3	.	.	1000
2.0-2.9	1	126	106	145	165	270	41	3	3	.	.	1000
3.0-3.9	41	157	60	326	2910	196	6	.	.	.	.	1000
4.0-4.9	.	100	800	88	234	278	.	.	.	.	.	1000
5.0-5.9	.	11	50	42	102	160	21	.	.	.	.	1000
6.0-6.9	.	1	1	1	10	11	6	.	.	.	.	1000
7.0-7.9	.	.	.	.	3	6	.	.	.	.	.	1000
8.0-8.9	.	.	.	.	3	6	.	.	.	.	.	1000
9.0-9.9	.	.	.	.	3	6	.	.	.	.	.	1000
10.0+	.	.	.	.	3	6	.	.	.	.	.	1000
TOTAL	17	286	595	458	1000	1197	741	42	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	18	90	287	147	154	37	3	.	.	.	.	736
1.0-1.9	18	75	209	657	1009	924	183	5	.	.	.	3170
2.0-2.9	.	63	111	229	1122	2412	1008	41	.	.	.	6010
3.0-3.9	.	15	104	222	342	1608	1480	116	.	.	.	1623
4.0-4.9	.	15	107	227	63	395	1110	272	188	.	.	1720
5.0-5.9	.	42	17	13	3	73	61	44	.	.	.	550
6.0-6.9	.	1	13	.	5	1	1	10	.	.	.	113
7.0-7.9	.	.	.	5	1	1	1	13	.	.	.	16
8.0-8.9	.	.	.	3	1	.	.	.	.	.	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	23	22	83	.	.	.	.	16	16	.	.	128
1.0-1.9	116	270	2166	1370	708	188	519	32	4	.	.	4674
2.0-2.9	85	379	1331	3037	5848	3254	2272	148	4	.	.	14510
3.0-3.9	.	352	116	366	2660	6394	2867	126	1	.	.	12311
4.0-4.9	.	42	186	114	473	460	1267	226	.	.	.	6834
5.0-5.9	.	54	58	6	11	30	234	248	.	.	.	2485
6.0-6.9	.	.	5	1	.	63	80	.	.	.	.	527
7.0-7.9	.	.	.	.	.	18	.	.	.	.	.	144
8.0-8.9	.	.	.	.	.	.	5	.	.	.	.	16
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	224	1065	3966	4951	9774	13113	7388	1348	9	0	.	24467.
MEAN HS(M) =	3.2	LARGEST HS(M)=	9.8	MEAN TP(SEC)=	11.7	NO. OF CASES=	24467.	.	.	.	.	.

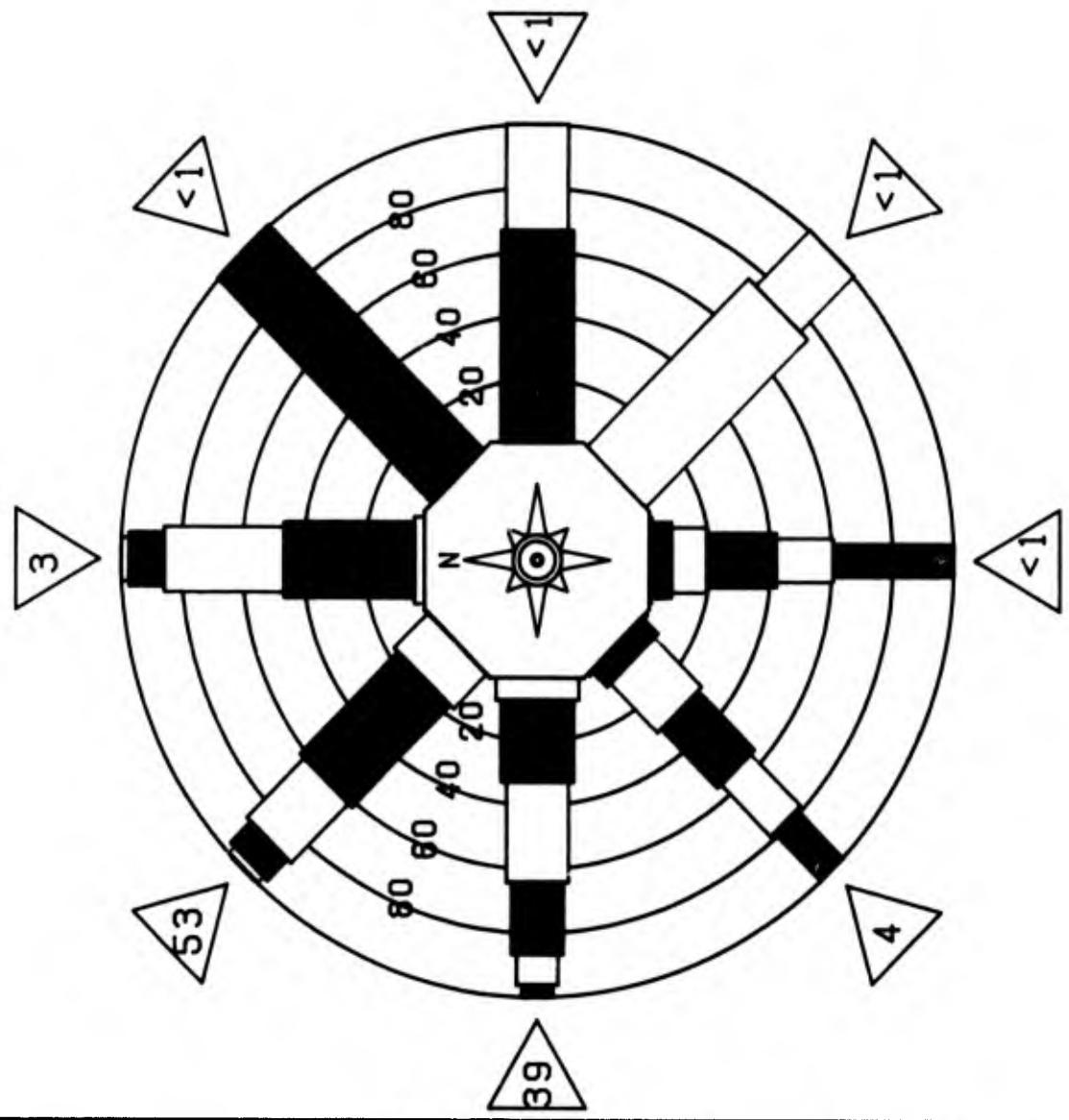
STATION 25 38.85N 125.05W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	30	18	8	.	.	.	.	11	.	.	.	56
1.0-1.9	866	1425	1694	663	184	41	.	.	.	.	.	4704
2.0-2.9	1208	4440	1988	2590	1554	301	66	11	3	.	.	16168
3.0-3.9	.	2144	475	296	1254	1180	138	11	3	.	.	15501
4.0-4.9	.	184	521	34	80	417	236	18	.	.	.	1480
5.0-5.9	.	.	114	15	3	1	136	10	25	.	.	320
6.0-6.9	.	5	15	3	1	1	13	25	.	.	.	6
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	188	15	.	.	.	.	.	.	.	.	.	15
1.0-1.9	427	403	44	.	.	.	.	.	.	.	.	435
2.0-2.9	.	3015	304	78	41	3	3	.	.	8	.	4886
3.0-3.9	.	699	30	47	23	5	1	.	.	.	.	1917
4.0-4.9	.	106	1076	65	15	39	5	.	.	.	.	1306
5.0-5.9	.	167	61	3	1	.	.	.	.	.	.	232
6.0-6.9	.	1	8	.	.	.	.	.	.	.	.	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	PEAK PERIOD(SECONCS)	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	22.3-	TOTAL
0.0-0.9	5	5	9	124	201	430	176	104	26	6	3	1	0	19
1.0-1.9	182	603	412	170	113	555	559	623	75	24	1	0	0	1089
2.0-2.9	.	609	170	113	555	555	1040	337	20	41	0	0	0	8265
3.0-3.9	.	48	247	37	133	443	540	483	292	60	0	0	0	2014
4.0-4.9	.	.	76	46	133	443	122	255	75	49	0	0	0	632
5.0-5.9	.	.	6	34	172	520	443	255	75	49	0	0	0	203
6.0-6.9	.	.	4	172	172	172	172	172	172	172	172	172	172	57
7.0-7.9	.	.	1	1	1	1	1	1	1	1	1	1	1	0
8.0-8.9	.	.	1	1	1	1	1	1	1	1	1	1	1	0
9.0-9.9	.	.	1	1	1	1	1	1	1	1	1	1	1	0
10.0+	.	.	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	311	1796	1350	1078	1728	2222	1289	194	1	0	0	0	0	0
MEAN HS(M)=	3.2	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	10.5	TOTAL CASES=	58440.							



STATION 25
38.85N, 125.05W
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 25 (38.85N 125.05W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.2	4.0	3.4	2.8	2.9	2.8	2.5	2.5	2.5	2.9	2.6	2.5	3.1
1957	4.4	3.8	3.7	3.0	2.9	2.9	2.5	2.5	2.5	2.3	2.5	2.4	2.9
1958	4.5	4.0	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1959	4.3	4.6	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1960	4.6	4.6	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1961	4.6	4.6	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1962	4.7	4.7	4.7	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1963	4.5	4.4	4.4	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1964	4.6	4.6	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1965	4.6	4.6	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1966	4.6	4.6	4.6	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1967	4.7	4.7	4.7	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1968	4.7	4.7	4.7	4.0	4.4	4.0	3.7	3.7	3.7	3.9	3.7	3.7	3.7
1969	4.4	4.0	3.9	3.4	3.4	3.0	2.8	2.8	2.5	2.1	1.5	3.0	3.4
1970	4.0	4.0	3.8	3.4	3.4	3.0	2.8	2.8	2.5	2.1	1.5	3.0	3.4
1971	4.9	4.4	4.4	3.9	3.9	3.0	2.8	2.8	2.5	2.1	1.7	3.0	3.4
1972	5.0	4.0	4.0	3.7	3.7	3.0	2.8	2.8	2.5	2.1	1.7	3.0	3.4
1973	4.6	4.5	4.5	4.0	4.0	3.0	2.8	2.8	2.5	2.1	1.7	3.0	3.4
1974	4.4	4.1	4.1	3.7	3.7	3.0	2.8	2.8	2.5	2.1	1.5	3.0	3.4
1975	3.3	3.9	4.0	2.8	3.0	2.8	2.5	2.1	1.5	3.0	3.4	3.4	3.0
MEAN	4.2	4.2	3.8	3.4	2.8	2.7	2.6	2.3	2.2	2.9	3.7	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
1956	6.1	7.9	5.8	4.9	5.0	4.6	3.9	3.7	3.7	4.8	4.2	4.1
1957	6.9	9.7	7.8	5.3	5.4	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1958	7.1	8.8	7.0	5.1	5.4	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1959	7.7	8.1	7.5	5.4	4.4	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1960	9.2	9.4	6.6	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1961	6.7	5.9	6.6	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1962	4.7	5.0	6.6	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1963	9.4	9.6	6.6	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1964	9.8	8.1	6.6	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1965	7.0	6.3	6.3	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1966	7.3	6.6	6.6	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1967	7.0	9.9	7.0	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1968	8.1	6.9	5.0	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1969	5.7	7.0	6.0	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1970	7.3	7.0	6.7	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1971	8.0	6.6	6.7	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1972	6.9	5.9	6.0	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1973	8.1	6.7	6.0	5.0	5.0	4.0	3.7	3.7	3.7	4.0	5.5	7.0
1974	10.1	7.0	7.6	5.8	5.5	5.8	5.4	4.6	4.3	2.7	4.9	5.0
1975	5.8	5.7	7.7	4.6	5.9	5.4	4.6	4.3	2.7	4.9	5.0	5.7

20 YR. STATISTICS FOR PACIFIC STATION 25 (38.85N 125.05W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.6
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.2
 STANDARD DEVIATION OF TP(SECONDS)= 10.0
 LARGEST HS(METRES)= 10.4
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 214.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 74011518

HEIGHT(METRES)	STATION 26 39.26N 124.81W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		0
2.0-2.9	51	176	18	3	3	8	.	1	.	.	97
3.0-3.9	.	71	30	3	.	.	.	.	.	.	115
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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	93	255	51	6	11	0	0	1	0	0	248.
MEAN HS(M) =	2.7	LARGEST HS(M)=	4.4	MEAN TP(SEC)=	6.9	NO. OF CASES=					
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
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
3.0-3.9	5	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+	5	3	0	0	1	0	0	0	0	0	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=					
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
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0
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+	3	0	0	0	0	0	0	0	0	0	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=					
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
0.-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		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+	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) =	2.5	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	5.6	NO. OF CASES=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	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.
TOTAL	3	0	0	0	0	0	0	0	0	0	0.
MEAN HS(M) =	2.8	LARGEST HS(M)=	2.9	MEAN TP(SEC)=	5.6	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	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.
TOTAL	3	0	0	0	0	0	0	0	0	0	0.
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	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.
TOTAL	9	0	0	0	0	0	0	0	0	0	0.
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	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.
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°26'N 124°81'W AZIMUTH(DEGREES) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.0-0.9	11	11	.	.	.	.	.	.	.	.	22
1.0-1.9	.	11	1	.	.	.	.	.	.	.	1
2.0-2.9	.	3	18	6	4	1	6	.	.	.	17
3.0-3.9	.	3	5	6	1	13	13	.	.	.	10
4.0-4.9	.	.	.	1	1	1	.	.	.	.	2
5.0-5.9	.	.	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	.	.	.	.	.	.	.	1
7.0-7.9	.	.	.	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	1
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 =					

STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.0-0.9	1	.	.	.	.	1	.	.	.	.	9
1.0-1.9	6	16	8	.	.	15	.	.	.	.	44
2.0-2.9	1	15	97	8	15	20	23	.	.	.	1345
3.0-3.9	.	3	59	102	34	100	132	1	.	.	1054
4.0-4.9	.	.	.	1	6	23	35	.	.	.	200
5.0-5.9	.	.	.	.	1	11	10	.	.	.	250
6.0-6.9	.	.	.	.	5	3	5	.	.	.	250
7.0-7.9	.	.	.	.	.	3	5	.	.	.	0
8.0-8.9	.	.	.	.	.	.	5	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	8	70	245	234	282	107	31	0	0	0	504.
MEAN HS(M) =	5.3	LARGEST HS(M) =	9.9	MEAN TP(SEC) =	10.1	NO. OF CASES =					

STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.0-0.9	1	6	8	.	21	2	1	.	.	.	15
1.0-1.9	10	153	43	21	2	1	1	.	.	.	580
2.0-2.9	1	142	87	65	145	112	29	.	.	.	600
3.0-3.9	.	51	220	121	65	167	78	58	.	.	477
4.0-4.9	.	.	107	125	93	10	10	5	.	.	258
5.0-5.9	.	27	1	5	25	17	10	5	.	.	130
6.0-6.9	.	.	.	5	1	3	12	.	.	.	10
7.0-7.9	.	.	.	.	5	1	5	.	.	.	0
8.0-8.9	.	.	.	.	.	.	5	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	11	252	487	352	446	409	211	13	6	0	1287.
MEAN HS(M) =	4.6	LARGEST HS(M) =	9.7	MEAN TP(SEC) =	10.5	NO. OF CASES =					

STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.0-0.9	6	30	37	32	20	.	1	.	.	.	0
1.0-1.9	15	160	104	141	123	87	22	6	.	.	126
2.0-2.9	1	100	104	70	122	70	27	6	.	.	1063
3.0-3.9	.	17	118	34	145	420	254	314	13	.	982
4.0-4.9	.	.	40	14	61	154	14	14	20	.	625
5.0-5.9	.	.	10	17	23	10	12	3	1	.	196
6.0-6.9	.	.	1	.	5	10	12	3	1	.	32
7.0-7.9	.	.	.	.	5	10	12	3	1	.	6
8.0-8.9	.	.	.	.	.	.	1	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
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 =					

STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	10	150	142	164	170	242	6	.	.	.	13
1.0-1.9	15	27	221	508	918	1064	245	242	20	.	.	64
2.0-2.9	23	41	152	56	171	814	1021	1367	51	.	.	2968
3.0-3.9	.	13	46	32	246	1021	1367	1220	116	.	.	4547
4.0-4.9	.	.	17	8	63	270	125	160	94	.	.	2776
5.0-5.9	.	.	.	5	3	8	27	5	.	.	.	1194
6.0-6.9	.	.	.	.	3	1	1	23	.	.	.	227
7.0-7.9	.	.	.	.	.	8	27	5	.	.	.	41
8.0-8.9	.	.	.	.	3	1	1	23	.	.	.	28
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	38	157	542	174	2190	4874	3404	356	0	0	0	0
MEAN HS(M) =	3.6	LARGEST HS(M)=	8.8	MEAN TP(SEC)=	12.3	NO. OF CASES=	7281.					

STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	18	61	109	6	1048	277	22	22	.	.	.	177
1.0-1.9	109	316	2732	1753	1048	277	22	22	.	.	.	6279
2.0-2.9	92	346	1201	350	2149	3863	700	245	.	.	.	12909
3.0-3.9	.	273	82	587	2695	6537	2700	257	.	.	.	1201
4.0-4.9	.	27	147	106	391	2821	3204	408	.	.	.	7104
5.0-5.9	.	.	35	65	60	424	1408	448	.	.	.	2460
6.0-6.9	.	.	.	10	10	25	213	297	.	.	.	555
7.0-7.9	.	.	.	.	.	25	243	39	.	.	.	51
8.0-8.9	.	.	.	.	.	10	4	6	.	.	.	10
9.0-9.9	.	.	.	.	.	.	10	.	.	.	.	0
TOTAL	219	903	4396	5459	10373	14338	8295	1501	0	0	0	0
MEAN HS(M) =	3.1	LARGEST HS(M)=	9.3	MEAN TP(SEC)=	11.8	NO. OF CASES=	26596.					

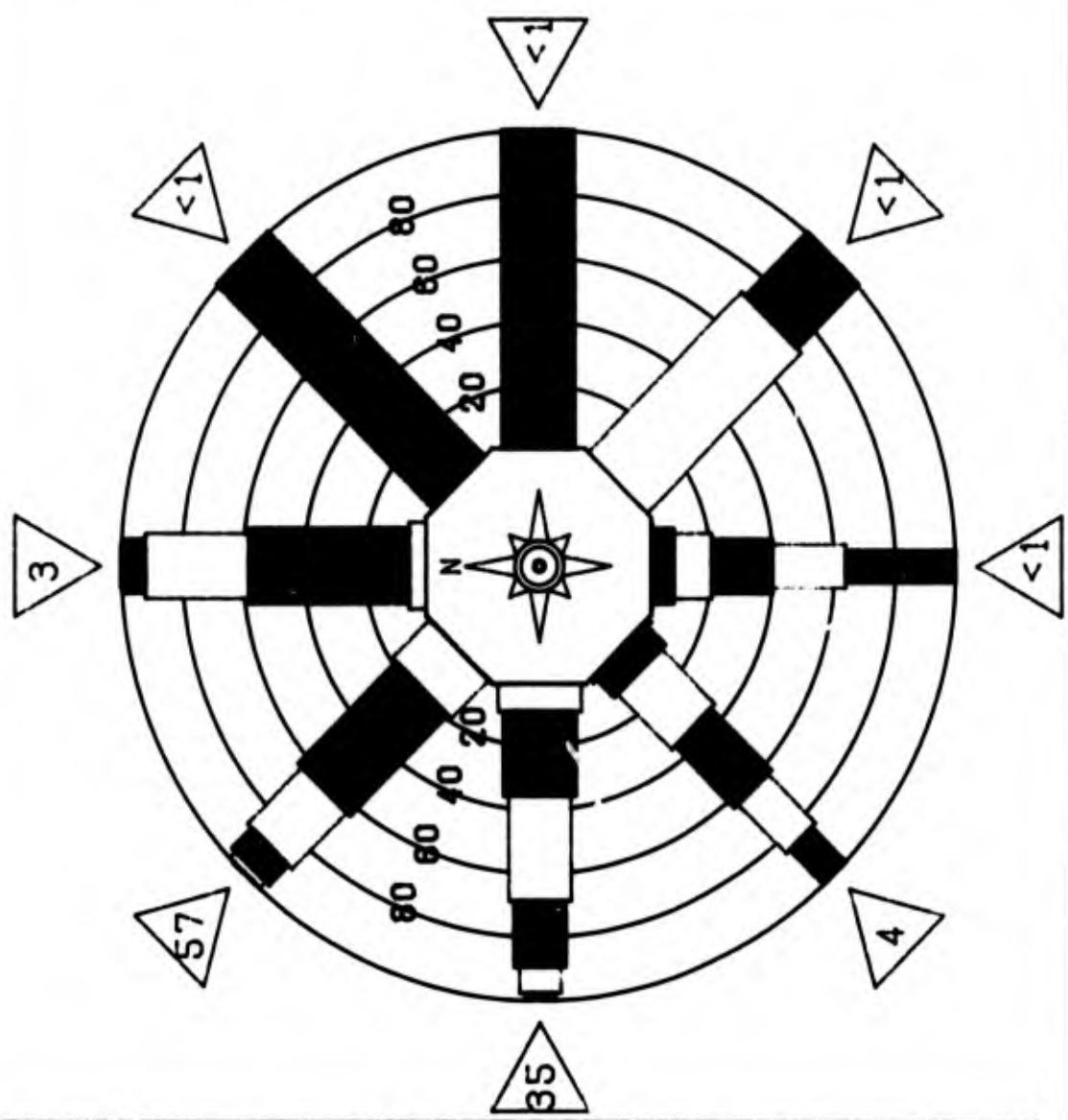
STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	30	32	13	1	213	47	3	13	.	.	.	76
1.0-1.9	867	1581	1949	550	2809	1765	636	116	.	.	.	5223
2.0-2.9	1302	2313	2803	1423	1231	184	10	.	.	.	.	12503
3.0-3.9	1709	431	294	1423	1231	184	10	.	.	.	.	12102
4.0-4.9	.	148	446	73	100	438	206	6	.	.	.	1426
5.0-5.9	.	.	78	16	15	22	116	20	.	.	.	205
6.0-6.9	.	.	1	11	3	.	3	18	.	.	.	36
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2199	7231	5233	3772	3439	2162	633	67	0	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	6.6	MEAN TP(SEC)=	8.9	NO. OF CASES=	14470.					

STATION 26 39°26'N 124°81'W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	30	32	13	1	213	47	3	13	.	.	.	76
1.0-1.9	867	1581	1949	550	2809	1765	636	116	.	.	.	5223
2.0-2.9	616	393	311	65	46	51	5	6	.	.	.	5002
3.0-3.9	2346	770	559	47	32	5	1	6	.	.	.	3277
4.0-4.9	.	135	573	116	15	32	5	.	.	.	.	879
5.0-5.9	.	.	80	17	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	896	6740	1756	282	108	84	10	2	6	0	0	5783.
MEAN HS(M) =	2.9	LARGEST HS(M)=	5.6	MEAN TP(SEC)=	7.3	NO. OF CASES=	5783.					

HEIGHT(METRES)	STATION 26 39°26'N 124°31'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	4	9	13	1							27
1.0-1.9	133	226	500	246	143	35	5				1264
2.0-2.9	214	311	424	677	603	527	130				1209
3.0-3.9		475	424	677	541	1117	493	29			2611
4.0-4.9		41	164	51	96	402	505	40			1404
5.0-5.9			43	40	40	96	262	60			541
6.0-6.9			4	14	27	14	45	44			148
7.0-7.9				1		0	1	4			26
8.0-8.9					1		1				0
9.0-9.9						1					0
TOTAL	351	1584	1312	1128	1760	2307	1334	197	0	0	0
MEAN HS(M)=	3.1	LARGEST HS(M)=	9.9	MEAN TP(SEC)=	10.6	TOTAL CASES=	58440.				



STATION 26
39.26N.124.81W
58440 CASES

OVER 5.9 H	5.0-5.9 H	4.0-4.9 H	3.0-3.9 H	2.0-2.9 H	1.0-1.9 H	C.0-0.9 H
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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	
1956	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1957	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1958	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1959	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1960	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1961	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1962	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1963	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1964	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1965	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1966	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1967	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1968	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1969	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1970	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1971	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1972	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1973	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1974	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1975	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
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	

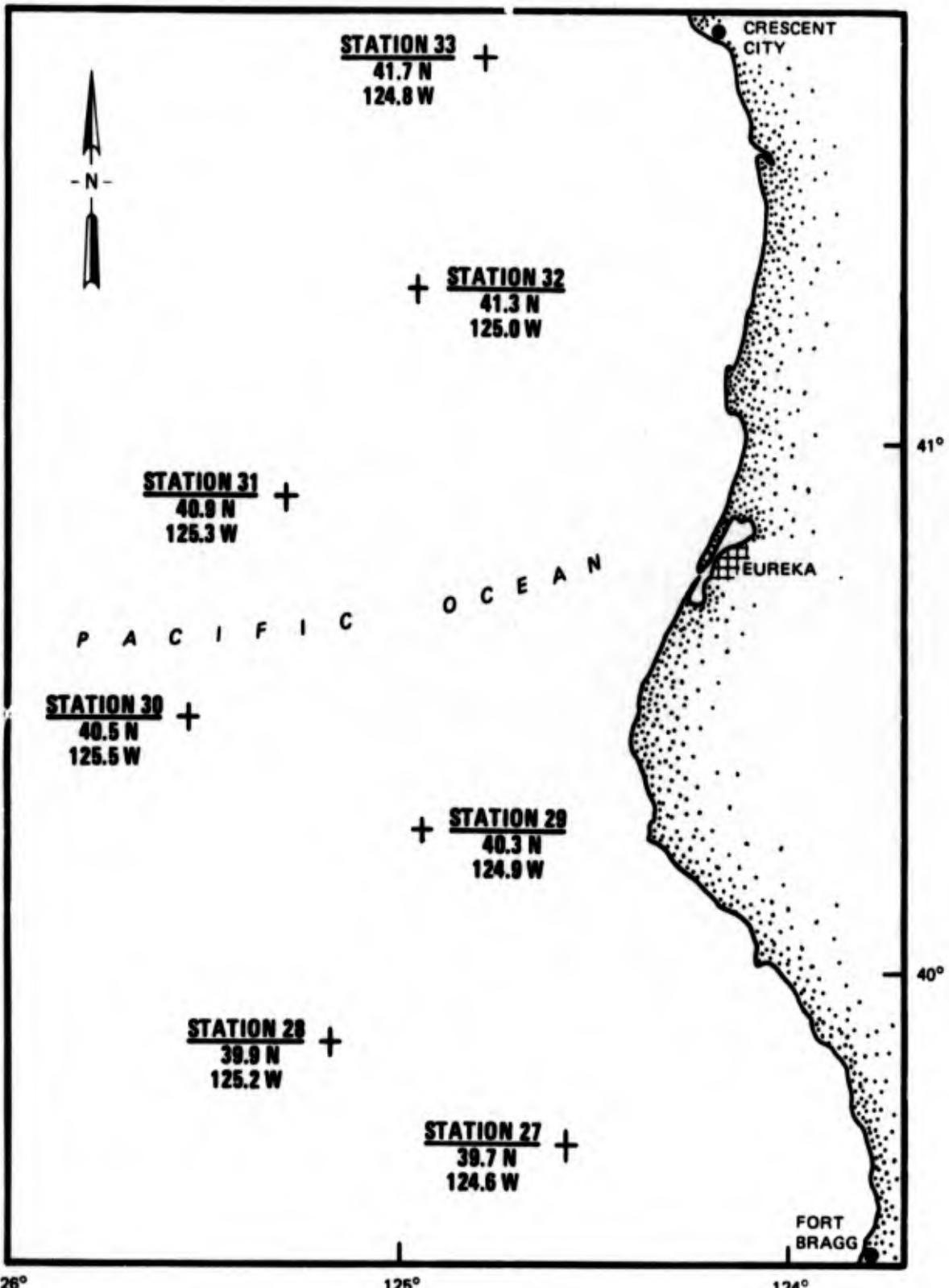
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 26 (39.26N 124.81W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1957	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1958	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1959	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1960	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1961	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1962	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1963	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1964	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1965	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1966	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1967	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1968	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1969	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1970	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1971	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1972	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1973	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1974	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1975	7.0	7.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0

20 YR. STATISTICS FOR PACIFIC STATION 26 (39.26N 124.81W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.1
 MEAN PEAK WAVE PERIOD (SECCONDS)= 10.7
 MOST FREQUENT 22% CENTER DIRECTION BAND (DEGREES)= 290.4
 STANDARD DEVIATION OF HS(METRES)= 2.0
 STANDARD DEVIATION OF TP(SECOND)= 3.1
 LARGEST HS(METRES)= 9.0
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 12.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 210.2
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011521

APPENDIX D: STA 27 THROUGH 33



126°

125°

124°

HEIGHT(METRES)	STATION 27 39.67N 124.57W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL	
	PEAK PERIOD(SECONDS)												
	4.4-	6.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9													0
1.0-1.9	56	11	.	.	.	.	.	.	.	.	.	.	67
2.0-2.9	88	12	25	8	11	.	.	3	1	.	.	.	167
3.0-3.9	6	3	.	.	.	.	.	.	.	.	.	.	6
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+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	150	31	25	11	11	0	3	1	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9													0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	.	.	5
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+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	5	.	.	.	.	.	.	.	.	.	.	.	5
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+	0	1	0	0	0	0	0	0	0	0	0	0	0
TOTAL	5	0	1	0	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
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+	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	0.	LARGEST HS(M)=	0.	MEAN TP(SEC)=	0.	NO. OF CASES=	0.						

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	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
TOTAL	1	0	1	0	0	0	0	0	0	0	0
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) = 90.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	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
TOTAL	10	2	4	0	0	0	0	0	0	0	0
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) = 112.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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
TOTAL	3	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=	5.				
STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 135.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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
TOTAL	3	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=	5.				
STATION 27 39.67N 124.57W AZIMUTH(DEGREES) = 157.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.6-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	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	1	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	1.7	LARGEST HS(M)=	1.7	MEAN TP(SEC)=	4.7	NO. OF CASES=	1.				

STATION 27 39.67N 124.57W 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																					0	
5.0-5.9																					0	
6.0-6.9																					0	
7.0-7.9																					0	
8.0-8.9																					0	
9.0-9.9																					0	
TOTAL	23	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.7	LARGEST HS(M)=	4.6	MEAN TP(SEC)=	6.0	NO. OF CASES=	17.															

STATION 27 39.67N 124.57W 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																					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	16	12	78	44	106	37	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.7	LARGEST HS(M)=	7.6	MEAN TP(SEC)=	10.0	NO. OF CASES=	179.															

STATION 27 39.67N 124.57W 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																					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	18	133	353	349	571	430	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	5.0	LARGEST HS(M)=	10.3	MEAN TP(SEC)=	10.6	NO. OF CASES=	1165.															

STATION 27 39.67N 124.57W 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																					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	28	244	641	571	1164	1594	720	59	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.3	LARGEST HS(M)=	10.9	MEAN TP(SEC)=	11.3	NO. OF CASES=	2949.															

STATION 27 39° 67'N 124° 57'W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.2-	22.3-	
0-0.9													
0.0-1.9	25	112	398	261	212	68	10						
0.0-2.9	30	128	353	281	1310	1123	251						1063
0.0-3.9		109	365	390	1351	1363	1212						4065
0.0-4.9		15	111	61	417	1935	1700						6097
0.0-5.9				22	106	470	1096						4317
0.0-6.9				23	20	73	270						1863
0.0-7.9				24	6	10	46						566
0.0-8.9				25	1	3	34						97
0.0-9.9				26	1	3	10						21
10.0+													11
TOTAL	55	304	968	1640	3465	6963	4186	572	0	0			0
MEAN HS(M) =	3.7	LARGEST HS(M)=	9.3	MEAN TP(SEC)=	12.1	NO. OF CASES=	10638.						

MEAN HS(M) = 3.7 LARGEST HS(M)= 9.3 MEAN TP(SEC)= 12.1 NO. OF CASES= 10638.

STATION 27 39° 6'N 126° 57'W 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	18	13	.	.	.	.	225
1.0-1.9	193	505	1365	1863	1045	217	62	17	.	.	.	.	7285
2.0-2.9	138	333	1177	3304	2221	3723	635	208	17	.	.	.	16136
3.0-3.9	333	109	364	2465	8045	2325	369	.	.	.	.	.	11866
4.0-4.9	.	41	169	102	430	2428	3186	431	.	.	.	.	6750
5.0-5.9	.	1	47	83	74	379	1190	268	.	.	.	.	2204
6.0-6.9	.	.	5	10	13	17	174	268	.	.	.	.	467
7.0-7.9	.	.	.	.	.	1	18	75	.	.	.	.	46
8.0-8.9	.	.	.	.	.	1	18	.	.	.	.	.	108
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	18
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	354	1350	5556	5736	10262	12817	7610	1391	18	0	.	.	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	11.5	NO. OF CASES=	26369.						

MEAN HS(M) = 3.0 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 11.5 NO. OF CASES= 26369.

STATION 27 39° 6'N 126° 57'W 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										86
0.0-1.9	1330	1786	1672	552	179	44							5473
0.0-2.9		1391	2246	2855	1656								1315
0.0-3.9	29	1172	210	312	1266	303	124	6	5				4444
0.0-4.9				102	78	203	600						930
0.0-5.9			10	25	10	18	23	3					106
0.0-6.9				1	1		1						4
0.0-7.9													0
0.0-8.9													0
0.0-9.9													0
TOTAL	2416	6040	5140	3856	3183	1400	292	15	5	0			0
MEAN HS(M) =	2.5	LARGEST HS(M)=	6.4	MEAN TP(SEC)=	8.7	NO. OF CASES=	13074.						

MEAN HS(M) = 2.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 8.7 NO. OF CASES= 13074.

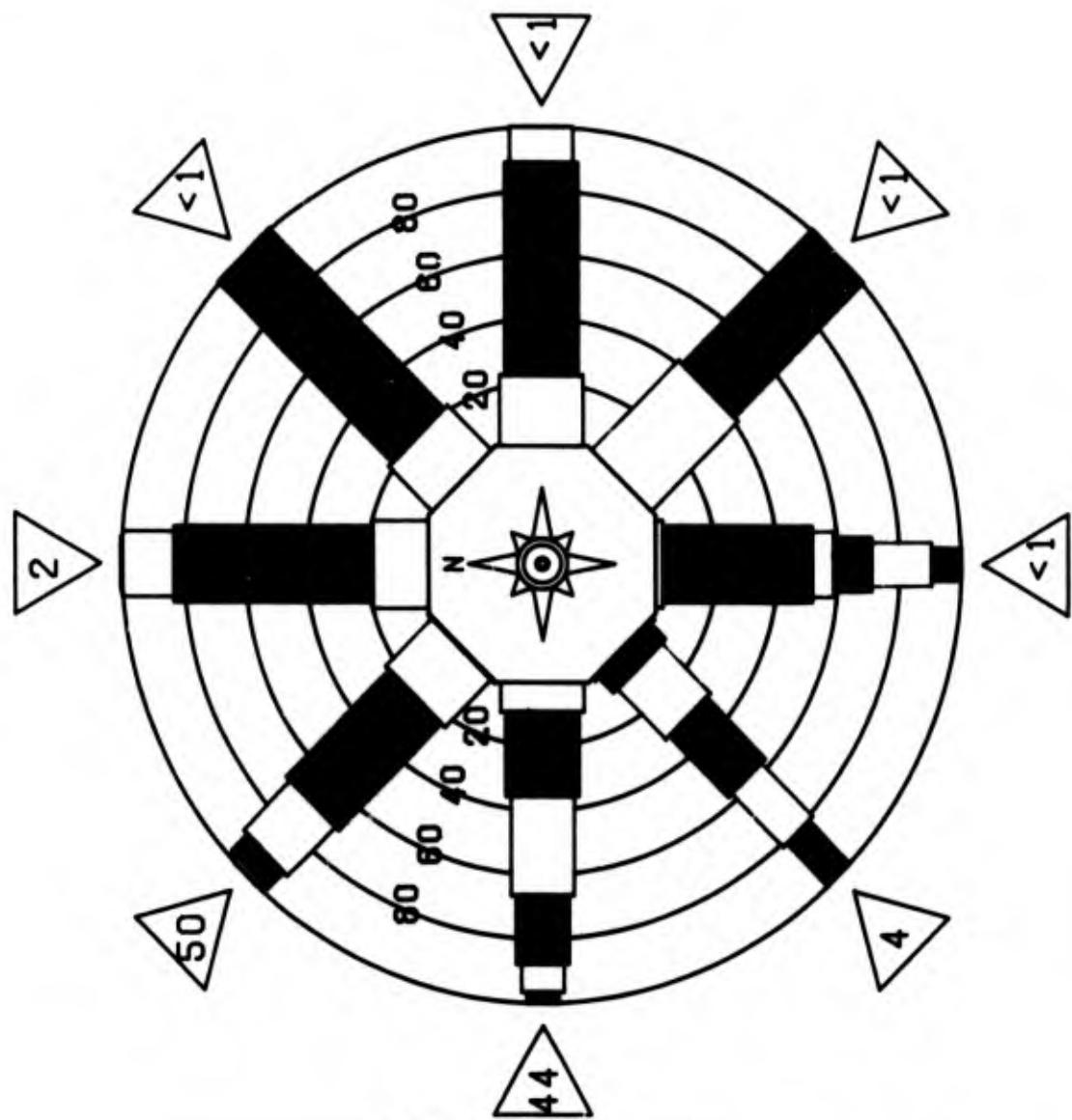
STATION 27 39 67N 126 57W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION
PEAK PERIOD(DEGREES)

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER		
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	11
0.0-1.9	453	395	11	.	.	.	.	.	.	.	.	824
0.0-2.9	1254	2144	521	13	3	.	.	.	.	.	.	4054
0.0-3.9	70	527	511	66	61	.	.	.	.	.	.	1475
0.0-4.9	.	42	116	90	56	44	8	1	.	.	.	260
0.0-5.9	.	1	1	1	3	6	.	.	.	.	.	0
0.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
0.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
0.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
0.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1777	3080	1364	226	120	50	8	1	0	0	0	3881.
MEAN HS(M) =	2.6	LARGEST HS(M)=	5.3	MEAN TP(SEC)=	7.2	NO. OF CASES=						

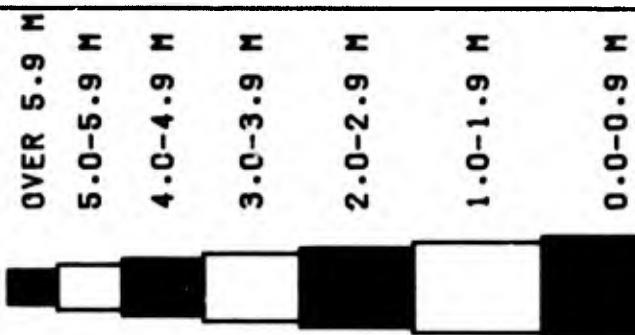
MEAN HS(M) = 2.6 LARGEST HS(M)= 5.3 MEAN TP(SEC)= 7.2 NO. OF CASES= 3881.

STATION 87 32° 67'N 124° 57'W FOR ALL DIRECTIONS
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS
 HEIGHT(METRES) PEAK PERIOD(SECONDS) TOTAL

	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	16.1	22.2	22.3		TOTAL
0.0-0.9	4	11	14	1								30
1.0-1.9	176	290	572	271	143	33	3	2			1	1402
2.0-2.9	294	566	502	256	94	20	1	1				1475
3.0-3.9	10	237	190	157	56	10	1	1				1505
4.0-4.9												1425
5.0-5.9												573
6.0-6.9												189
7.0-7.9												186
8.0-8.9												2
9.0-9.9												0
TOTAL	486	1121	1415	1242	1886	2326	1291	202	1	0		
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



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	
1956	4.0	3.9	3.6	2.9	3.8	3.7	3.3	3.0	3.5	3.8	3.7	3.4	3.9
1957	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1958	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1959	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1960	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1961	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1962	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1963	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1964	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1965	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1966	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1967	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1968	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1969	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1970	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1971	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1972	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1973	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1974	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
1975	4.0	4.0	3.7	3.3	4.0	4.0	3.4	3.4	3.5	3.5	3.4	3.4	3.0
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
1956	6.4	8.4	5.7	5.4	4.7	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1957	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1958	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1959	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1960	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1961	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1962	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1963	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1964	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1965	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1966	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1967	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1968	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1969	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1970	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1971	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1972	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1973	7.0	9.0	6.5	5.5	4.8	4.1	3.5	3.7	2.8	4.9	3.9	4.1
1974	10.0	6.0	7.0	5.7	5.0	4.7	4.4	4.3	4.1	2.1	4.6	5.3
1975	6.5	6.0	7.3	4.6	4.5	5.2	4.3	4.1	2.1	4.6	5.3	5.5

20 YR. STATISTICS FOR PACIFIC STATION 27 (39.67N 124.57W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 29.0
 STANDARD DEVIATION OF HS(METRES)= 1.0
 STANDARD DEVIATION OF TP(SECONDS)= 1.0
 LARGEST HS(METRES)= 10.0
 TP (SECONDS) AS(°C WITH THE LARGEST HS= 10.0
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 23.7
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 69121200

HEIGHT(METRES)	STATION 28 39.87N 125.17W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	22.3-	0
1.0-1.9	66	13	.	.	.	.	.	.	.	.	93
2.0-2.9	119	386	5	8	3	10	.	.	3	1	522
3.0-3.9	11	301	3	3	.	.	.	.	.	.	12
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
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=					
STATION 28 39.87N 125.17W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	.	8	8	.	.	1	1	.	.	.	18
2.0-2.9	.	6	.	.	.	.	.	.	.	.	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	8	14	1	0	1	2	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	11	.	1	.	.	.	.	.	.	12
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	1	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	.	i	i	3	.	.	.	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
TOTAL	i	i	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=					

STATION 28 39.87N 125.17W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 90.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
4.0-6.0	6.0-8.0	8.0-10.5	10.5-11.7	11.7-13.3	13.3-15.3	15.3-18.1	18.1-22.2	22.2-22.3+	LONGER	0	0
0.0-0.9	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	3	1	.	.	.	.	.	.	.	4	4
2.0-2.9	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0
TOTAL	3	1	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 112.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
4.0-6.0	6.0-8.0	8.0-10.5	10.5-11.7	11.7-13.3	13.3-15.3	15.3-18.1	18.1-22.2	22.2-22.3+	LONGER	0	0
0.0-0.9	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	8	1	.	.	.	.	.	.	.	9	9
2.0-2.9	5	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0
TOTAL	8	6	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 135.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
4.0-6.0	6.0-8.0	8.0-10.5	10.5-11.7	11.7-13.3	13.3-15.3	15.3-18.1	18.1-22.2	22.2-22.3+	LONGER	0	0
0.0-0.9	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	1	.	.	.	.	.	.	.	.	1	1
2.0-2.9	6	.	.	.	.	.	.	.	.	6	6
3.0-3.9	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0
TOTAL	7	0	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											AZIMUTH(DEGREES) = 157.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
4.0-6.0	6.0-8.0	8.0-10.5	10.5-11.7	11.7-13.3	13.3-15.3	15.3-18.1	18.1-22.2	22.2-22.3+	LONGER	0	0
0.0-0.9	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	1	.	.	.	.	.	.	.	.	1	1
2.0-2.9	3	1	0	.	.	.	.	.	.	4	4
3.0-3.9	6	.	.	.	.	.	.	.	.	6	6
4.0-4.9	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	0	0
TOTAL	4	19	6	0	0	3	0	0	0	0	0
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) =180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.1-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
0.0-1.9	6	10	1	.	.	.	.	.	.	.	17
0.0-2.9	.	30	13	.	.	.	11	.	.	.	54
0.0-3.9	.	27	15	20	.	1	.	.	.	.	56
0.0-4.9	.	.	27	20	24	1	.	.	.	.	50
0.0-5.9	.	.	10	20	25	15	.	.	.	.	42
0.0-6.9	.	.	5	10	15	11	.	.	.	.	15
0.0-7.9	.	.	.	6	10	11	.	.	.	.	7
0.0-8.9	.	.	.	6	10	11	.	.	.	.	0
TOTAL	7	67	86	48	67	39	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.1-	
0.0-0.9	3	.	.	1	.	.	.	.	.	.	0
0.0-1.9	10	29	13	18	16	6	.	.	.	.	62
0.0-2.9	.	154	17	18	10	30	16	.	.	.	207
0.0-3.9	.	70	27	112	53	6	10	.	.	.	19
0.0-4.9	.	10	17	118	80	8	5	1	.	.	63
0.0-5.9	.	22	118	81	34	6	6	.	.	.	23
0.0-6.9	.	5	18	15	16	1	6	.	.	.	12
0.0-7.9	.	.	.	15	15	1	1	.	.	.	4
0.0-8.9	.	.	.	.	5	1	.	.	.	.	5
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.1-	
0.0-0.9	1	.	.	1	.	.	.	.	.	.	0
0.0-1.9	11	51	46	5	1	5	1	.	.	.	180
0.0-2.9	.	220	68	71	164	131	16	.	.	.	774
0.0-3.9	.	102	260	63	116	123	82	.	.	.	570
0.0-4.9	.	5	210	133	54	56	55	15	.	.	344
0.0-5.9	.	3	136	50	32	59	13	.	.	.	32
0.0-6.9	.	3	29	27	17	13	6	.	.	.	12
0.0-7.9	.	5	1	1	1	1	1	.	.	.	4
0.0-8.9	.	.	.	1	1	1	1	.	.	.	2
TOTAL	12	378	620	483	444	447	280	18	0	0	6
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.3-	13.4-	15.4-	18.1-	
0.0-0.9	11	36	65	23	17	1	.	.	.	.	0
0.0-1.9	20	53	111	140	201	93	26	5	.	.	156
0.0-2.9	.	114	54	107	154	578	130	11	.	.	1248
0.0-3.9	.	35	65	27	176	462	121	8	.	.	1240
0.0-4.9	.	3	63	26	145	126	381	10	.	.	1246
0.0-5.9	.	.	10	15	13	53	85	4	.	.	216
0.0-6.9	.	.	1	1	1	.	1	1	.	.	18
0.0-7.9	.	.	.	1	1	1	1	1	.	.	4
0.0-8.9	.	.	.	.	1	1	1	1	.	.	2
TOTAL	31	244	388	353	805	1356	963	85	0	0	0
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. -0.9																					0
1.0-1.9	18	5	1	330	261	251	54	3	.	.	.	.	.	.	.	.	.	.	.	987
2.0-2.9	23	70	200	286	1120	1219	284	39	.	.	.	.	.	.	.	.	.	.	.	3232
3.0-3.9	23	35	200	286	1120	1219	1001	37	.	.	.	.	.	.	.	.	.	.	.	3232
4.0-4.9	.	17	51	99	249	1939	1253	68	.	.	.	.	.	.	.	.	.	.	.	3333
5.0-5.9	.	.	17	22	85	306	747	179	.	.	.	.	.	.	.	.	.	.	.	1356
6.0-6.9	.	.	.	.	10	56	143	142	.	.	.	.	.	.	.	.	.	.	.	351
7.0-7.9	.	.	.	.	3	5	22	6	.	.	.	.	.	.	.	.	.	.	.	351
8.0-8.9	.	.	.	.	1	1	5	20	.	.	.	.	.	.	.	.	.	.	.	27
9.0-9.9	.	.	.	.	1	1	5	20	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	41	204	648	1188	2648	5819	3758	531	0	0	.	.	.	.	.	.	.	.	.	0
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. -0.9	13	62	99	1651	870	207	44	3	.	.	.	.	.	.	.	.	.	.	.	162
1.0-1.9	157	426	2900	3317	6045	3429	573	27	18	.	.	.	.	.	.	.	.	.	.	6252
2.0-2.9	87	268	1589	2522	6384	2402	201	1	.	.	.	.	.	.	.	.	.	.	.	15353
3.0-3.9	87	249	102	357	438	2614	3068	585	.	.	.	.	.	.	.	.	.	.	.	12218
4.0-4.9	.	22	152	111	48	6384	3068	585	.	.	.	.	.	.	.	.	.	.	.	6791
5.0-5.9	.	.	34	62	89	373	1218	412	.	.	.	.	.	.	.	.	.	.	.	2204
6.0-6.9	.	.	1	11	15	58	168	262	.	.	.	.	.	.	.	.	.	.	.	538
7.0-7.9	.	.	.	.	3	5	34	54	.	.	.	.	.	.	.	.	.	.	.	91
8.0-8.9	.	.	.	.	.	.	17	.	.	.	.	.	.	.	.	.	.	.	.	17
9.0-9.9	.	.	.	.	.	.	3	.	.	.	.	.	.	.	.	.	.	.	.	3
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	257	1001	4877	5529	9975	13073	7548	1350	19	0	.	.	.	.	.	.	.	.	.	0
MEAN HS(M) =	3.1	LARGEST HS(M)=	9.0	MEAN TP(SEC)=	11.6	NO. OF CASES=	25511.														

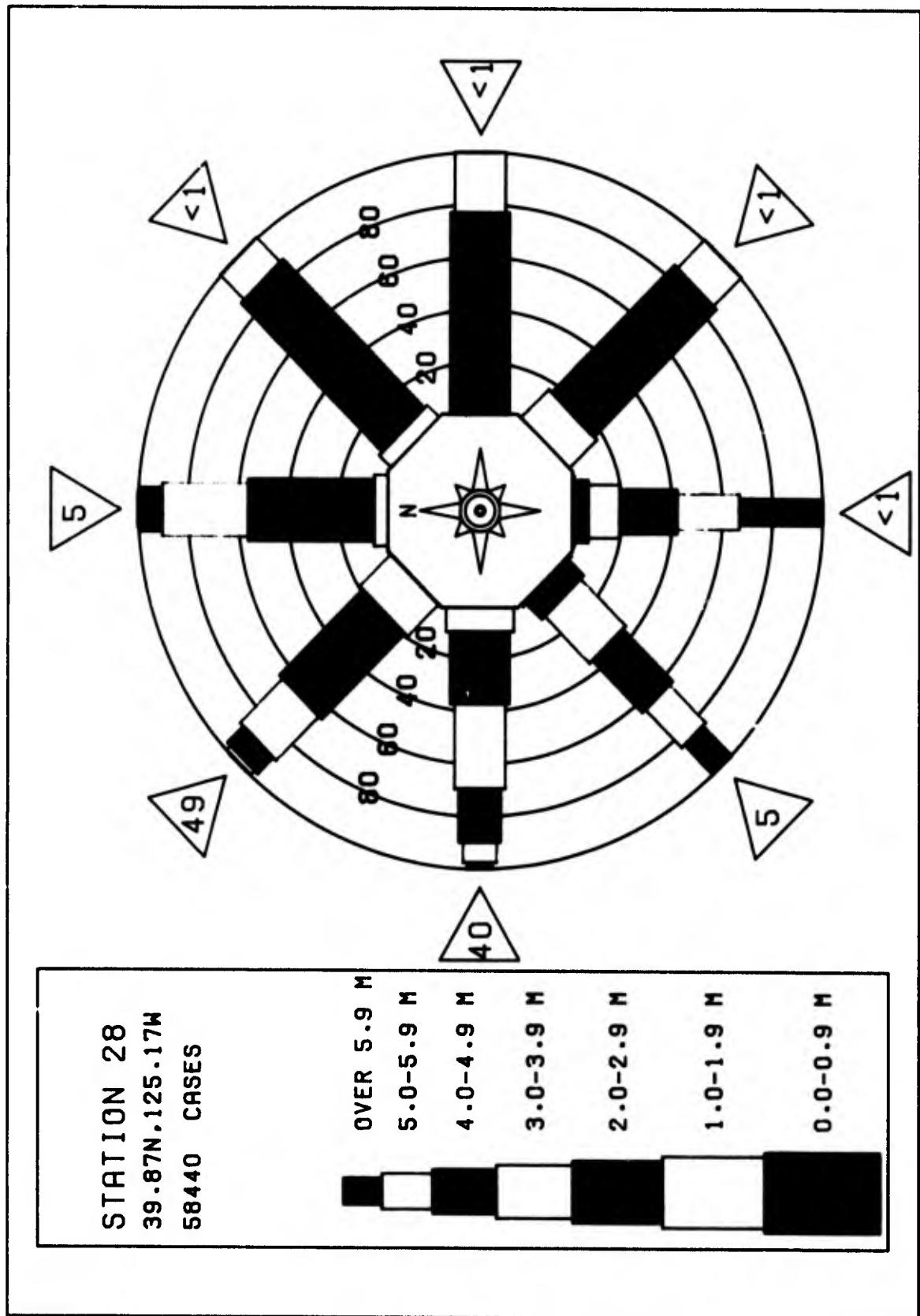
STATION 28 39.87N 125.17W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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. -0.9	25	25	1	393	176	37	.	.	.	.	10	.	.	.	.	.	.	.	.	51
1.0-1.9	894	1232	1622	2529	1587	275	95	10	.	.	.	.	.	.	.	.	.	.	.	4327
2.0-2.9	1485	1067	1902	2529	1587	275	95	10	5	.	.	.	.	.	.	.	.	.	.	10899
3.0-3.9	.	1579	275	266	1232	966	162	10	5	.	.	.	.	.	.	.	.	.	.	4495
4.0-4.9	.	154	369	39	88	340	142	6	.	.	.	.	.	.	.	.	.	.	.	1118
5.0-5.9	.	.	47	39	8	17	97	8	.	.	.	.	.	.	.	.	.	.	.	229
6.0-6.9	.	.	3	18	.	.	3	3	3	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2404	6020	4218	3284	3091	1635	499	37	5	0	.	.	.	.	.	.	.	.	.	0
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. -0.9	25	13	10	11	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	13
1.0-1.9	374	244	265	123	70	1	1	1	1	1	1	1	1	1	1	1	1	1	1	620	
2.0-2.9	934	4079	2455	640	61	83	49	14	5	1	1	1	1	1	1	1	1	1	1	5488	
3.0-3.9	.	2455	640	61	83	49	14	5	1	1	1	1	1	1	1	1	1	1	1	3192	
4.0-4.9	.	160	684	92	15	49	5	.	.	.	.	.	.	.	.	.	.	.	.	1005
5.0-5.9	.	1	37	30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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° 8'N 122° 17'W PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	3	8	10								21
1.0-1.9	154	202	493	234	131	30	4	1	.	.	1245
2.0-2.9	274	796	413	676	907	502	99	9	2	.	3675
3.0-3.9	.	516	117	115	529	1000	774	30	.	.	3280
4.0-4.9	.	59	184	42	180	500	200	46	.	.	1401
5.0-5.9	.	2	61	48	33	94	253	61	.	.	552
6.0-6.9	.	.	9	32	20	21	48	47	.	.	177
7.0-7.9	.	.	.	5	12	5	6	2	.	.	138
8.0-8.9	.	.	.	.	3	4	3	2	.	.	100
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
TOTAL	431	1582	1287	1151	1745	2259	1309	200	2	0	
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	3.9	4.0	3.6	3.6	2.9	2.9	2.7	3.4	2.3	1.9	2.6	2.8	3.2
1957	4.1	4.7	3.5	3.7	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1958	4.1	4.5	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1959	4.1	4.4	3.4	3.4	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1960	4.1	4.3	3.4	3.4	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1961	4.1	4.3	3.4	3.4	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1962	4.1	4.3	3.4	3.4	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1963	4.1	4.3	3.4	3.4	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1964	4.1	4.3	3.4	3.4	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1965	3.9	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1966	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1967	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1968	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1969	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1970	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1971	3.7	4.2	3.7	3.7	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1972	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1973	4.0	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1974	4.2	4.0	3.6	3.6	2.7	2.7	2.4	3.4	2.3	1.7	2.7	2.7	3.4
1975	3.4	3.7	3.9	2.8	3.0	2.7	2.4	2.1	1.4	3.0	3.4	3.0	3.4
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	

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	6.5	8.2	5.8	5.1	4.7	4.4	3.7	3.0	3.2	4.7	4.1	4.8	
1957	6.0	8.9	7.0	7.0	4.1	4.0	3.5	4.2	4.2	4.9	4.9	4.9	
1958	6.4	8.0	7.0	7.0	4.1	4.0	3.5	4.2	4.2	4.9	4.9	4.9	
1959	6.3	8.0	7.0	7.0	4.1	4.0	3.5	4.2	4.2	4.9	4.9	4.9	
1960	6.3	8.0	7.0	7.0	4.1	4.0	3.5	4.2	4.2	4.9	4.9	4.9	
1961	6.3	8.1	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1962	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1963	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1964	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1965	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1966	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1967	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1968	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1969	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1970	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1971	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1972	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1973	6.3	8.9	5.6	4.8	4.5	4.2	3.7	4.2	4.2	5.5	5.5	5.5	
1974	10.8	7.0	7.3	4.0	4.5	5.1	4.2	4.4	4.7	5.4	5.3	4.9	
1975	6.3	6.6	7.6	4.0	4.5	5.1	4.2	4.4	4.7	5.4	5.3	4.9	

20 YR. STATISTICS FOR PACIFIC STATION 28 (39.87N 125.17W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.6
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.2
 STANDARD DEVIATION OF TP(SECONDS)= 2.7
 LARGEST HS(METRES)= 10.8
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 12.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 206.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 74011515

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	138	32	.	.	.	.	.	.	.	.	170
2.0-2.9	219	118	41	11	3	.	5	1	.	.	397
3.0-3.9	29	11	11	8	.	.	.	.	.	.	60
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	386	161	53	19	3	0	5	1	0	0	
MEAN HS(M) =	2.3	LARGEST HS(M)=	4.0	MEAN TP(SEC)=	6.4	NO. OF CASES=	371.				
STATION 29 40°28'N 124°93'W AZIMUTH(DEGREES) = 0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	20	1	i	.	5	.	.	.	.	.	21
2.0-2.9	27	5	i	.	5	.	.	1	.	.	36
3.0-3.9	5	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	
MEAN HS(M) =	2.2	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	6.3	NO. OF CASES=	40.				
STATION 29 40°28'N 124°93'W AZIMUTH(DEGREES) = 22.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	1	.	.	.	.	.	.	.	.	.	1
2.0-2.9	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+											0
TOTAL	4	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	5.7	NO. OF CASES=	3.				
STATION 29 40°28'N 124°93'W AZIMUTH(DEGREES) = 45.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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
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	4	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	5.7	NO. OF CASES=	3.				
STATION 29 40°28'N 124°93'W AZIMUTH(DEGREES) = 67.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	3	.	.	.	.	.	.	.	.	.	0
2.0-2.9	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+		3	0	0	0	0	0	0	0	0	0
TOTAL	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	0	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	i	.	.	.	.	.	.	.	0
1.0-1.9	ii	1	1	.	.	.	.	.	.	.	1
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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	ii	6	1	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-2.9	10	.	.	.	.	.	.	.	.	.	10
2.0-3.9	10	.	.	.	.	.	.	.	.	.	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	10	0	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-2.9	3	.	.	.	.	.	.	.	.	.	3
2.0-3.9	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	4	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	5.5	NO. OF CASES=	3.					

STATION 29 40°28'N 124°9'W 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	1	.	.	.	.	.	.	.	.	.	.	15	.	.	.	.	.	.	.	.
2.0-2.9	1	5	3	3	3	4	4	4	4	4	4	12	.	.	.	.	.	.	.	.
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	.	.	.	.
5.0-5.9	.	.	.	.	.	1	3	.	.	.	.	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	13	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	3.3	LARGEST HS(M)=	5.9	MEAN TP(SEC)=	6.9	NO. OF CASES=	25.														

STATION 29 40°28'N 124°9'W 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	13	22	14	44	16	16	15	15	15	15	15	49	.	.	.	.	.	.	.	.
2.0-2.9	.	17	47	20	20	20	20	20	20	20	20	106	.	.	.	.	.	.	.	.
3.0-3.9	.	1	20	44	70	70	70	70	70	70	70	156	.	.	.	.	.	.	.	.
4.0-4.9	.	1	8	6	6	6	6	6	6	6	6	157	.	.	.	.	.	.	.	.
5.0-5.9	.	1	1	1	1	1	1	1	1	1	1	157	.	.	.	.	.	.	.	.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	.	.	.	.	.	.	.	.
TOTAL	13	77	156	118	222	91	5	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.9	LARGEST HS(M)=	8.2	MEAN TP(SEC)=	9.9	NO. OF CASES=	408.														

STATION 29 40°28'N 124°9'W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

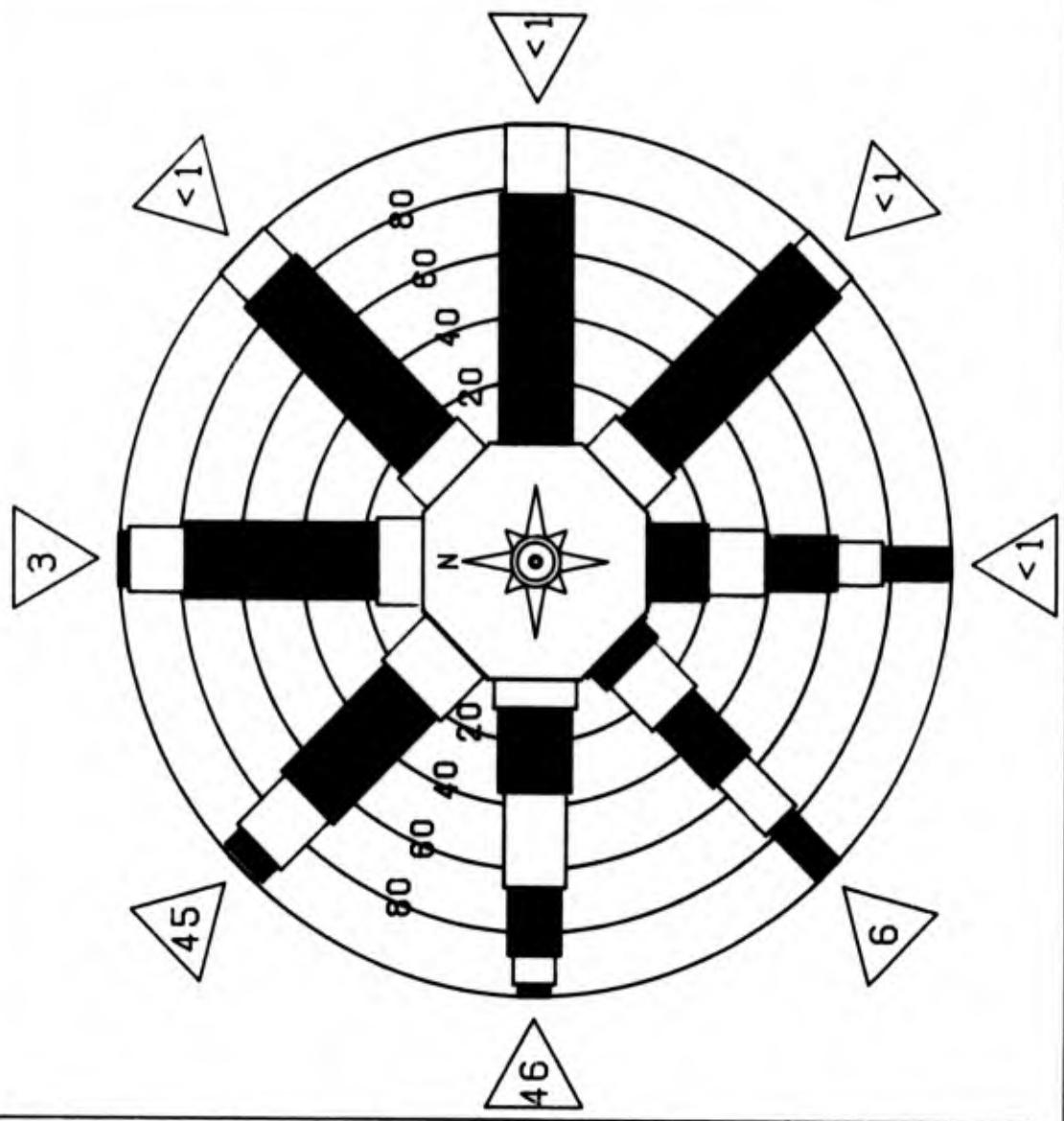
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-		13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	13	.	5	20	11	11	11	11	11	11	11	11	.	.	.	.	.	.	.	.
1.0-1.9	11	34	34	20	20	20	20	20	20	20	20	225	.	.	.	.	.	.	.	.
2.0-2.9	3	112	106	23	23	23	23	23	23	23	23	606	.	.	.	.	.	.	.	.
3.0-3.9	5	56	54	157	157	157	157	157	157	157	157	640	.	.	.	.	.	.	.	.
4.0-4.9	5	111	111	157	157	157	157	157	157	157	157	640	.	.	.	.	.	.	.	.
5.0-5.9	5	18	6	6	6	6	6	6	6	6	6	426	.	.	.	.	.	.	.	.
6.0-6.9	.	.	23	23	23	23	23	23	23	23	23	170	.	.	.	.	.	.	.	.
7.0-7.9	.	.	23	23	23	23	23	23	23	23	23	170	.	.	.	.	.	.	.	.
8.0-8.9	.	.	23	23	23	23	23	23	23	23	23	170	.	.	.	.	.	.	.	.
9.0-9.9	.	.	23	23	23	23	23	23	23	23	23	170	.	.	.	.	.	.	.	.
10.0+	.	.	23	23	23	23	23	23	23	23	23	170	.	.	.	.	.	.	.	.
TOTAL	27	209	518	392	653	576	201	7	0	0	0	12	.	.	.	.	.	.	.	.
MEAN HS(M) =	5.1	LARGEST HS(M)=	11.5	MEAN TP(SEC)=	10.6	NO. OF CASES=	1524.													

STATION 29 40°28'N 124°9'W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

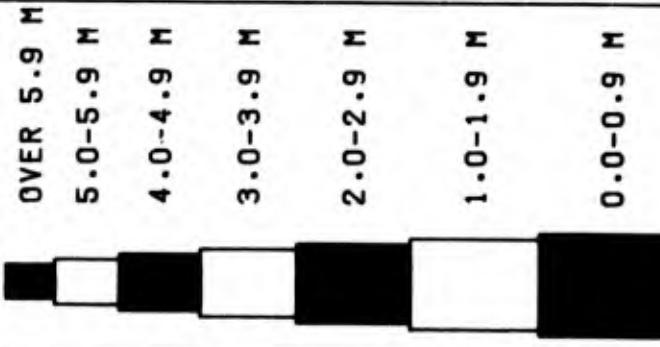
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-		13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	6	54	90	70	20	20	20	20	20	20	20	248	.	.	.	.	.	.	.	.
1.0-1.9	32	61	207	205	164	164	164	164	164	164	164	750	.	.	.	.	.	.	.	.
2.0-2.9	.	142	119	254	254	254	254	254	254	254	254	1727	.	.	.	.	.	.	.	.
3.0-3.9	.	32	168	77	485	485	485	485	485	485	485	1587	.	.	.	.	.	.	.	.
4.0-4.9	.	1	88	97	163	163	163	163	163	163	163	1036	.	.	.	.	.	.	.	.
5.0-5.9	.	1	17	44	79	207	207	207	207	207	207	676	.	.	.	.	.	.	.	.
6.0-6.9	.	1	1	3	37	62	47	47	47	47	47	163	.	.	.	.	.	.	.	.
7.0-7.9	.	1	1	1	1	15	13	13	13	13	13	332	.	.	.	.	.	.	.	.
8.0-8.9	.	1	1	1	1	8	1	1	1	1	1	332	.	.	.	.	.	.	.	.
9.0-9.9	.	1	1	1	1	8	1	1	1	1	1	332	.	.	.	.	.	.	.	.
10.0+	.	1	1	1	1	1	1	1	1	1	1	7	.	.	.	.	.	.	.	.
TOTAL	38	290	709	751	1441	2002	893	84	0	0	0	3644.	.	.	.	.	.	.	.	.
MEAN HS(M) =	4.3	LARGEST HS(M)=	10.9	MEAN TP(SEC)=	11.4	NO. OF CASES=	3644.													

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.-0.9	1	6	171	106	11.7	11.3	13.4	15.4	18.2	22.3	LONGER		
1.0-1.9	27	143	508	367	1606	1021	244	29	15	.	.	1281	7
2.0-2.9	29	73	420	1006	1575	1020	209	49	.	.	.	4443	
3.0-3.9	1	130	135	417	1575	1020	207	99	.	.	.	6276	
4.0-4.9	1	11	162	58	142	527	170	162	.	.	.	4509	
5.0-5.9	.	.	63	10	142	527	170	162	.	.	.	2142	
6.0-6.9	.	.	17	51	64	301	220	.	.	.	.	683	
7.0-7.9	.	.	.	11	17	23	87	.	.	.	.	138	
8.0-8.9	.	.	.	3	3	6	5	.	.	.	.	17	
9.0-9.9	.	.	.	.	3	15	.	.	.	.	.	15	
10.0+	TOTAL	58	357	1294	1973	3901	7085	4261	667	15	0	0	
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) =270.0													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
0.-0.9	1	6	171	106	11.7	11.3	13.4	15.4	18.2	22.3	LONGER		
1.0-1.9	27	143	508	367	1606	1021	244	29	15	.	.	1281	7
2.0-2.9	29	73	420	1006	1575	1020	209	49	.	.	.	4443	
3.0-3.9	1	130	135	417	1575	1020	207	99	.	.	.	6276	
4.0-4.9	1	11	162	58	142	527	170	162	.	.	.	4509	
5.0-5.9	.	.	63	10	142	527	170	162	.	.	.	2142	
6.0-6.9	.	.	17	51	64	301	220	.	.	.	.	683	
7.0-7.9	.	.	.	11	17	23	87	.	.	.	.	138	
8.0-8.9	.	.	.	3	3	6	5	.	.	.	.	17	
9.0-9.9	.	.	.	.	3	15	.	.	.	.	.	15	
10.0+	TOTAL	58	357	1294	1973	3901	7085	4261	667	15	0	0	
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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
0.-0.9	1	6	171	106	11.7	11.3	13.4	15.4	18.2	22.3	LONGER		
1.0-1.9	27	143	508	367	1606	1021	244	29	15	.	.	202	
2.0-2.9	29	73	420	1006	1575	1020	209	49	.	.	.	6655	
3.0-3.9	1	130	135	417	1575	1020	207	99	.	.	.	15096	
4.0-4.9	1	11	162	58	142	527	170	162	.	.	.	11166	
5.0-5.9	.	.	63	10	142	527	170	162	.	.	.	9406	
6.0-6.9	.	.	17	51	64	301	220	.	.	.	.	2064	
7.0-7.9	.	.	.	11	17	23	87	.	.	.	.	549	
8.0-8.9	.	.	.	3	3	6	5	.	.	.	.	82	
9.0-9.9	.	.	.	.	3	15	.	.	.	.	.	18	
10.0+	TOTAL	454	1355	5504	5492	9325	11480	7270	1325	33	0	0	
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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
0.-0.9	1	6	171	106	11.7	11.3	13.4	15.4	18.2	22.3	LONGER		
1.0-1.9	27	143	508	367	1606	1021	244	29	15	.	.	6655	
2.0-2.9	29	73	420	1006	1575	1020	209	49	.	.	.	15096	
3.0-3.9	1	130	135	417	1575	1020	207	99	.	.	.	11166	
4.0-4.9	1	11	162	58	142	527	170	162	.	.	.	9406	
5.0-5.9	.	.	63	10	142	527	170	162	.	.	.	2064	
6.0-6.9	.	.	17	51	64	301	220	.	.	.	.	549	
7.0-7.9	.	.	.	11	17	23	87	.	.	.	.	82	
8.0-8.9	.	.	.	3	3	6	5	.	.	.	.	18	
9.0-9.9	.	.	.	.	3	15	.	.	.	.	.	0	
10.0+	TOTAL	2625	4966	4257	3480	2994	1339	284	13	6	0	0	
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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
0.-0.9	1	6	171	106	11.7	11.3	13.4	15.4	18.2	22.3	LONGER		
1.0-1.9	27	143	508	367	1606	1021	244	29	15	.	.	6655	
2.0-2.9	29	73	420	1006	1575	1020	209	49	.	.	.	15096	
3.0-3.9	1	130	135	417	1575	1020	207	99	.	.	.	11166	
4.0-4.9	1	11	162	58	142	527	170	162	.	.	.	9406	
5.0-5.9	.	.	63	10	142	527	170	162	.	.	.	2064	
6.0-6.9	.	.	17	51	64	301	220	.	.	.	.	549	
7.0-7.9	.	.	.	11	17	23	87	.	.	.	.	82	
8.0-8.9	.	.	.	3	3	6	5	.	.	.	.	18	
9.0-9.9	.	.	.	.	3	15	.	.	.	.	.	0	
10.0+	TOTAL	1961	3874	1381	227	256	50	8	1	0	0	0	
MEAN HS(M) = 2.6 LARGEST HS(M)= 5.4 MEAN TP(SEC)= 7.1 NO. OF CASES= 4543.													

HEIGHT(METRES)	STATION 29 40.28N 124.93W FOR ALL DIRECTIONS											TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER	
0.0-0.9	7	7	13									27
1.0-1.9	207	251	537	247	113	26	2	1	.	.	.	1384
2.0-2.9	308	261	454	124	624	472	85	4	3	.	.	3617
3.0-3.9	15	270	175	157	579	1005	708	24	2	.	.	2555
4.0-4.9	.	20	139	148	144	544	514	46	.	.	.	1457
5.0-5.9	.	1	50	63	144	205	59	.	.	.	.	618
6.0-6.9	.	.	14	41	47	19	54	.	.	.	.	238
7.0-7.9	.	.	2	11	17	12	15	.	.	.	.	57
8.0-8.9	.	.	2	2	4	6	1	1	.	.	.	11
9.0-9.9	.	.	.	.	1	1	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
WIS STATION 29 (40.28N 124.93W)

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	4.6	4.0	4.7	3.9	3.8	3.6	3.2	3.2	3.6	3.6	3.8	3.2
1957	4.7	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1958	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1959	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1960	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1961	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1962	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1963	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1964	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1965	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1966	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1967	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1968	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1969	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1970	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1971	4.6	4.9	4.6	4.0	3.9	3.7	3.4	3.4	3.7	3.7	3.9	3.0
1972	4.7	4.0	4.7	3.7	3.0	3.0	3.4	3.7	3.0	3.0	3.7	3.4
1973	4.7	4.0	4.7	3.7	3.0	3.0	3.4	3.7	3.0	3.0	3.7	3.4
1974	4.5	4.1	4.6	3.7	2.9	2.5	2.3	1.9	1.3	2.9	3.0	3.4
1975	3.9	3.8	3.8	2.7	2.9	2.5	2.3	1.9	1.3	2.9	3.0	2.9
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
WIS STATION 29 (40.28N 124.93W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1957	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1958	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1959	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1960	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1961	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1962	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1963	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1964	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1965	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1966	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1967	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1968	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1969	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1970	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1971	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1972	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1973	7.0	6.3	6.8	5.1	6.1	6.1	3.6	3.6	2.9	6.6	6.0	6.3
1974	11.5	7.0	6.8	6.0	5.0	4.8	4.0	4.0	4.0	2.3	5.6	5.6
1975	6.5	6.8	7.0	4.2	4.5	4.0	4.0	4.0	4.0	5.6	5.6	6.1

20 YR. STATISTICS FOR PACIFIC STATION 29 (40.28N 124.93W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.2
 STANDARD DEVIATION OF TP(SECONDS)= 3.2
 LARGEST HS(METRES)= 11.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 12.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 214.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 74011515

HEIGHT(METRES)	STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 0 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.0-0.9	4	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	116	8.0	9.7	.	.	.	.	.	.	.	.	.	0
2.0-2.9	210	9.0	11.3	15	11	11	11	11	11	11	11	11	1156
3.0-3.9	.	8.70	11.8	10	11	11	11	11	11	11	11	11	1118
4.0-4.9	.	58	11.3	10	11	11	11	11	11	11	11	11	1121
5.0-5.9	.	.	11.3	10	11	11	11	11	11	11	11	11	1123
6.0-6.9	.	.	.	11	11	11	11	11	11	11	11	11	1100
7.0-7.9	.	.	.	.	11	11	11	11	11	11	11	11	1100
8.0-8.9	.	.	.	.	.	11	11	11	11	11	11	11	1100
9.0-9.9	.	.	.	.	.	.	11	11	11	11	11	11	1100
10.0+	.	.	.	.	.	.	.	11	11	11	11	11	1100
TOTAL	329	1865	423	44	30	2	6	3	3	3	0	0	0
MEAN HS(M) =	3.1	LARGEST HS(M)=	6.3	MEAN TP(SEC)=	7.2	NO. OF CASES=	1588.						
HEIGHT(METRES)	STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 22.5 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.0-0.9	4	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	11	8.0	30	1	.	.	.	1	.	.	.	.	24
3.0-3.9	11	9.2	5	1	.	.	.	.	1	.	.	.	45
4.0-4.9	.	5	.	.	.	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	00
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	00
TOTAL	12	77	1	0	0	0	1	0	3	0	0	0	58.
MEAN HS(M) =	3.0	LARGEST HS(M)=	4.2	MEAN TP(SEC)=	7.2	NO. OF CASES=	58.						
HEIGHT(METRES)	STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 45.0 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.0-0.9	4	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	15	8.0	3	1	.	.	.	3	.	.	.	.	21
3.0-3.9	15	9.5	.	.	.	.	.	.	.	.	.	.	00
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	00
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	00
TOTAL	15	3	1	0	3	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	2.9	MEAN TP(SEC)=	6.7	NO. OF CASES=	14.						
HEIGHT(METRES)	STATION 30 40.49N 125.53W AZIMUTH(DEGREES) = 67.5 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
0.0-0.9	4	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9	i	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	.	00
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	00
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	00
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	00
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	00
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	00
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	00
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	00
10.0+	i	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1	0	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.						

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	8	3	.	.	.	.	.	.	.	.	11	11
2.0-2.9	.	6	.	.	.	.	.	.	.	.	6	6
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	8	9	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.7	MEAN TP(SEC)=	6.2	NO. OF CASES=	11.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9	0	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1	1
2.0-2.9	0	0
3.0-3.9	0	0
4.0-4.9	0	0
5.0-5.9	0	0
6.0-6.9	0	0
7.0-7.9	0	0
8.0-8.9	0	0
9.0-9.9	0	0
TOTAL	0	9	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	6.4	NO. OF CASES=	6.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9	0	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1	1
2.0-2.9	0	0
3.0-3.9	0	0
4.0-4.9	0	0
5.0-5.9	0	0
6.0-6.9	0	0
7.0-7.9	0	0
8.0-8.9	0	0
9.0-9.9	0	0
TOTAL	0	4	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	6.0	NO. OF CASES=	6.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	.	1	.	.	.	.	.	.	.	.	1	1
2.0-2.9	.	18	3	.	.	.	5	.	.	.	26	26
3.0-3.9	11	.	.	.	.	.	.	.	.	.	11	11
4.0-4.9	.	.	3	.	.	.	.	.	.	.	3	3
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	0	31	6	0	0	5	0	0	0	0	27	27
MEAN HS(M) =	3.0	LARGEST HS(M)=	5.5	MEAN TP(SEC)=	7.6	NO. OF CASES=	27.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.-0.9	4	11	1	.	.	.	.	.	.	.	0
1.0-1.9	8	54	1	.	.	1	17	1	.	.	20
2.0-2.9	.	20	53	4	6	2	.	.	.	.	70
3.0-3.9	.	.	61	18	62	10	8	3	.	.	80
4.0-4.9	.	.	11	14	10	10	8	.	.	.	63
5.0-5.9	.	.	.	11	11	10	10	3	.	.	53
6.0-6.9	.	.	.	1	1	10	10	3	.	.	14
7.0-7.9	.	.	.	1	1	10	10	3	.	.	14
8.0-8.9	.	.	.	1	1	10	10	3	.	.	14
9.0-9.9	.	.	.	1	1	10	10	3	.	.	14
TOTAL	9	85	129	67	73	56	7	0	0	0	44
MEAN HS(M) = 5.5	LARGEST HS(M)= 10.4	MEAN TP(SEC)= 9.5	NO. OF CASES=	259.							
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.-0.9	.	1	.	.	.	.	.	.	.	.	0
1.0-1.9	10	25	15	10	10	10	10	10	10	10	60
2.0-2.9	.	100	230	120	120	120	120	120	120	120	1000
3.0-3.9	.	71	203	120	120	120	120	120	120	120	416
4.0-4.9	.	.	203	120	120	120	120	120	120	120	416
5.0-5.9	.	.	23	130	120	120	120	120	120	120	260
6.0-6.9	.	.	.	30	120	120	120	120	120	120	154
7.0-7.9	.	.	.	.	27	120	120	120	120	120	154
8.0-8.9	.	.	.	.	.	14	120	120	120	120	154
9.0-9.9	.	.	.	.	.	.	14	120	120	120	154
TOTAL	10	212	500	348	320	110	74	1	0	0	80
MEAN HS(M) = 5.3	LARGEST HS(M)= 11.2	MEAN TP(SEC)= 9.8	NO. OF CASES=	949.							
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.-0.9	.	1	.	.	.	.	.	.	.	.	0
1.0-1.9	11	53	65	45	56	1	1	3	.	.	100
2.0-2.9	10	203	97	95	143	130	29	1	.	.	703
3.0-3.9	1	66	275	124	186	172	104	1	.	.	661
4.0-4.9	.	.	219	124	100	142	135	.	.	.	524
5.0-5.9	.	.	44	111	73	74	63	6	.	.	460
6.0-6.9	.	.	3	35	43	24	17	11	.	.	126
7.0-7.9	.	.	.	3	3	24	17	11	.	.	126
8.0-8.9	.	.	.	.	3	24	17	11	.	.	126
9.0-9.9	.	.	.	.	.	1	1	1	.	.	126
TOTAL	32	322	704	497	619	587	373	25	0	0	80
MEAN HS(M) = 4.7	LARGEST HS(M)= 10.9	MEAN TP(SEC)= 10.5	NO. OF CASES=	1862.							
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	
0.-0.9	.	1	.	.	.	.	.	.	.	.	0
1.0-1.9	6	54	77	56	34	1	1	8	.	.	239
2.0-2.9	10	22	122	160	222	92	42	11	.	.	178
3.0-3.9	1	118	62	162	222	143	145	10	.	.	1477
4.0-4.9	1	39	62	60	226	143	296	10	.	.	1246
5.0-5.9	.	1	63	41	92	198	403	13	.	.	811
6.0-6.9	.	.	5	15	27	27	85	24	.	.	246
7.0-7.9	.	.	.	5	17	17	10	6	.	.	38
8.0-8.9	.	.	.	.	1	1	5	.	.	.	38
9.0-9.9	.	.	.	.	.	.	5	.	.	.	38
TOTAL	17	254	445	518	1001	1517	988	116	0	0	80
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	25	106	414	342	246	51	1	6	1	1	1	0
1.0-1.9	18	21	223	267	1190	1098	570	29	29	29	29	4540
2.0-2.9	.	94	21	266	268	1782	574	29	29	29	29	5196
3.0-3.9	.	15	70	203	1339	1445	58	174	174	174	174	5200
4.0-4.9	.	.	32	34	123	325	795	145	145	145	145	1483
5.0-5.9	.	.	.	5	20	11	162	145	145	145	145	407
6.0-6.9	.	.	.	.	1	1	20	16	16	16	16	50
7.0-7.9	.	.	.	.	.	6	1	1	1	1	1	20
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	43	259	824	1404	2751	5683	3702	512	0	0	0	0

MEAN HS(M) = 3.6 LARGEST HS(M)= 9.1 MEAN TP(SEC)= 12.2 NO. OF CASES= 8885.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	15	41	135	1726	823	5	27	5	5	5	5	196
1.0-1.9	165	564	3044	3251	5790	3437	560	22	32	32	32	65016
2.0-2.9	70	244	1656	456	2195	8916	2300	165	165	165	165	11475
3.0-3.9	.	200	158	158	158	2222	1176	240	240	240	240	6525
4.0-4.9	.	18	158	158	107	379	1176	240	240	240	240	2184
5.0-5.9	.	.	51	13	20	77	215	287	287	287	287	982
6.0-6.9	.	.	.	3	3	20	63	63	63	63	63	100
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	250	1067	5174	5633	9376	12264	7466	1399	43	0	0	0

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	61	23	13	444	174	39	3	8	8	8	8	97
1.0-1.9	980	1127	1672	2919	1786	342	77	10	10	10	10	6450
2.0-2.9	1192	1186	1670	2919	1786	342	77	10	10	10	10	5609
3.0-3.9	.	1021	133	261	1076	342	177	8	8	8	8	3632
4.0-4.9	.	70	215	15	59	296	176	8	8	8	8	844
5.0-5.9	.	.	56	17	5	15	107	8	8	8	8	206
6.0-6.9	.	.	5	1	1	6	1	1	1	1	1	16
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2233	4427	3769	3158	3099	1636	546	33	13	0	0	0

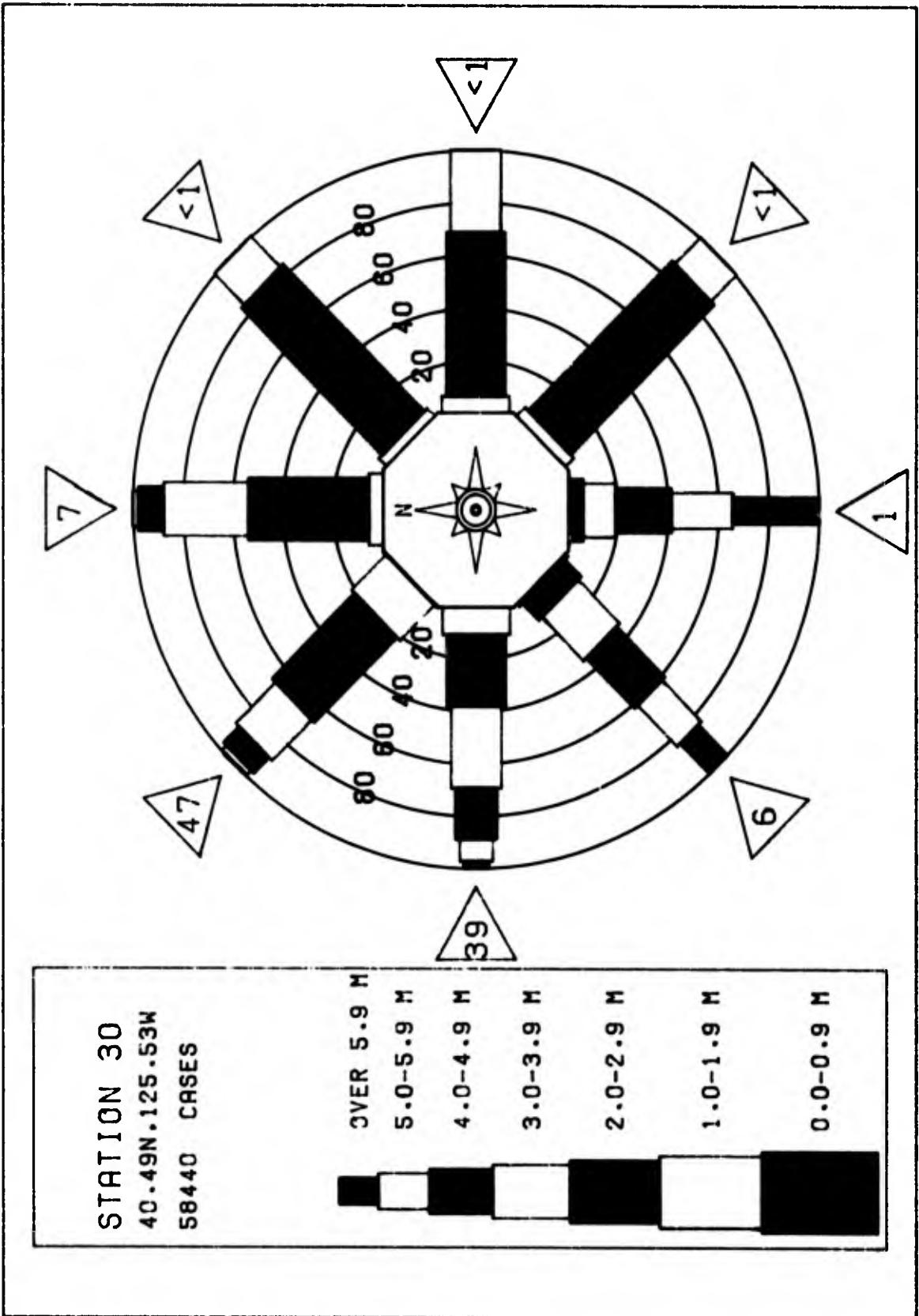
MEAN HS(M) = 2.5 LARGEST HS(M)= 6.4 MEAN TP(SEC)= 9.0 NO. OF CASES= 11066.

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	525	13	8	8	8	8	8	8	8	8	8	13
1.0-1.9	1019	4074	285	184	82	8	17	8	8	8	8	5656
2.0-2.9	.	2166	522	39	140	75	5	6	6	6	6	2647
3.0-3.9	.	227	516	10	20	47	6	6	6	6	6	621
4.0-4.9	.	.	.	1	.	.	.	.	.	.	.	104
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	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	1544	6772	1125	244	251	125	28	0	0	0	0	5904.

MEAN HS(M) = 2.8 LARGEST HS(M)= 6.0 MEAN TP(SEC)= 7.1 NO. OF CASES= 5904.

HEIGHT(METRES)	STATION 30 40°49'N 125°53'W PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	7	15									1322
1.0-1.9	184	216	523	256	126	26	4	3	.	.	8729
2.0-2.9	260	764	405	676	920	456	93	6	3	.	2625
3.0-3.9	.	470	885	129	689	1052	373	26	1	.	1438
4.0-4.9	.	59	184	47	187	466	243	28	.	.	612
5.0-5.9	.	1	85	46	95	107	50	59	.	.	163
6.0-6.9	.	.	0	32	23	32	50	49	.	.	52
7.0-7.9	.	.	.	7	18	5	0	10	.	.	15
8.0-8.9	.	.	.	.	4	5	4	2	.	.	1
9.0-9.9	.	.	.	.	.	.	.	.	.	.	1
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	
1956	4.1	4.0	3.7	3.9	3.9	3.7	3.3	3.2	3.0	3.0	3.6	3.3
1957	5.7	5.7	5.9	5.2	5.6	5.1	4.9	4.9	4.9	4.9	5.0	4.9
1958	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1959	4.4	4.4	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0
1960	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1961	4.4	4.4	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0
1962	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
1963	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1964	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1965	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
1966	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
1967	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1968	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1969	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
1970	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
1971	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
1972	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
1973	5.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
1974	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1975	3.5	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
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											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	7.0	6.0	5.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1957	5.7	5.7	5.9	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1958	7.4	7.7	7.7	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1959	6.6	7.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1960	6.4	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1961	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
1962	5.9	5.9	5.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
1963	5.5	5.5	5.5	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
1964	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1965	6.0	7.0	7.0	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
1966	7.0	7.5	7.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1967	6.0	7.0	7.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1968	10.4	6.7	5.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1969	7.4	7.4	7.4	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
1970	7.4	7.6	6.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1971	9.0	9.0	9.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
1972	6.9	9.0	9.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
1973	6.9	9.0	9.0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
1974	11.0	7.4	6.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
1975	5.9	6.6	7.3	4.0	5.2	4.7	4.2	3.9	2.6	5.4	5.0	5.0

20 YR. STATISTICS FOR PACIFIC STATION 30 (40.49N 125.53W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.6
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 2.9
 STANDARD DEVIATION OF TP(SECONDS)= 2.7
 LARGEST HS(METRES)= 11.2
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 12.5
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 206.0
 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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	116	30	1	.	.	.	.	.	.	.	0
1.0-1.9	140	636	1	1	6	1	3	1	.	.	803
2.0-2.9	3	566	51	1	6	1	3	1	.	.	634
3.0-3.9	.	42	102	1	.	.	.	.	.	.	145
4.0-4.9	.	.	8	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	259	1274	179	5	14	1	4	1	0	0	0
TOTAL	259	1274	179	5	14	1	4	1	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	0
1.0-1.9	11	22	1	.	.	.	.	.	.	.	22
2.0-2.9	.	1	.	.	.	.	.	.	.	.	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+	12	48	1	0	0	0	0	0	0	0	0
TOTAL	12	48	1	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	4.0	MEAN TP(SEC)=	6.6	NO. OF CASES=	38.				

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	3	.	.	.	.	.	.	.	4
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+	2	0	3	0	0	0	0	0	0	0	0
TOTAL	2	0	3	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	5
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+	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) =	2.6	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	5.6	NO. OF CASES=	4.				

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	0
1.0-1.9	.	i	i	.	.	.	.	.	.	.	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	2.
MEAN HS(M) =	2.6	LARGEST HS(M)=	2.9	MEAN TP(SEC)=	5.8	NO. OF CASES=					
STATION 31 40.90N 125.26W AZIMUTH(DEGREES) = 90.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	1	1	.	.	.	.	.	.	.	4
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	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=					
STATION 31 40.90N 125.26W AZIMUTH(DEGREES) = 112.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	1	1	.	.	.	.	.	.	.	4
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	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=					
STATION 31 40.90N 125.26W AZIMUTH(DEGREES) = 135.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	6	0	0	.	.	.	.	.	.	.	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	0
MEAN HS(M) =	2.1	LARGEST HS(M)=	2.2	MEAN TP(SEC)=	5.4	NO. OF CASES=					
STATION 31 40.90N 125.26W AZIMUTH(DEGREES) = 157.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.6- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	0
1.0-1.9	5	3	0	.	.	.	.	.	.	.	5
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) =	2.1	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	5.4	NO. OF CASES=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	5	5	.	.	.	.	.	.	.	21
2.0-2.9	.	1	1	.	6	.	.	.	.	.	6
3.0-3.9	.	.	1	3	1	.	.	.	.	.	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
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=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	15	11	.	.	.	.	.	.	.	34
2.0-2.9	21	35	15	13	.	.	.	.	.	.	107
3.0-3.9	22	103	45	36	13	14	1	.	.	.	269
4.0-4.9	5	25	61	76	12	1	1	.	.	.	113
5.0-5.9	.	8	20	56	27	5	.	.	.	.	106
6.0-6.9	.	.	3	14	5	.	.	.	.	.	23
7.0-7.9	.	.	1	1	1	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	83	186	146	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=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	27	34	11	17	.	.	.	.	.	97
2.0-2.9	1	126	111	46	56	62	8	.	.	.	419
3.0-3.9	4	24	120	119	126	140	37	.	.	.	733
4.0-4.9	1	1	142	157	108	124	23	6	.	.	455
5.0-5.9	.	18	77	176	124	227	1	.	.	.	246
6.0-6.9	.	.	15	97	102	27	.	.	.	.	70
7.0-7.9	.	.	15	15	10	25	.	.	.	.	30
8.0-8.9	.	.	.	3	24	10	.	.	.	.	16
9.0-9.9	.	.	.	.	24	13	.	.	.	.	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=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	5	51	107	63	10	16	.	.	.	.	0
1.0-1.9	10	125	112	246	170	63	73	7	.	.	1604
2.0-2.9	23	101	177	552	596	232	11	.	.	.	1364
3.0-3.9	1	106	66	131	404	484	445	11	.	.	1366
4.0-4.9	.	8	3	13	112	207	115	25	.	.	276
5.0-5.9	.	.	1	3	25	17	11	1	.	.	45
6.0-6.9	.	.	.	3	3	1	1	1	.	.	6
7.0-7.9	.	.	.	.	3	1	1	1	.	.	0
8.0-8.9	.	.	.	.	.	1	1	1	.	.	0
9.0-9.9	.	.	.	.	.	1	1	1	.	.	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=					

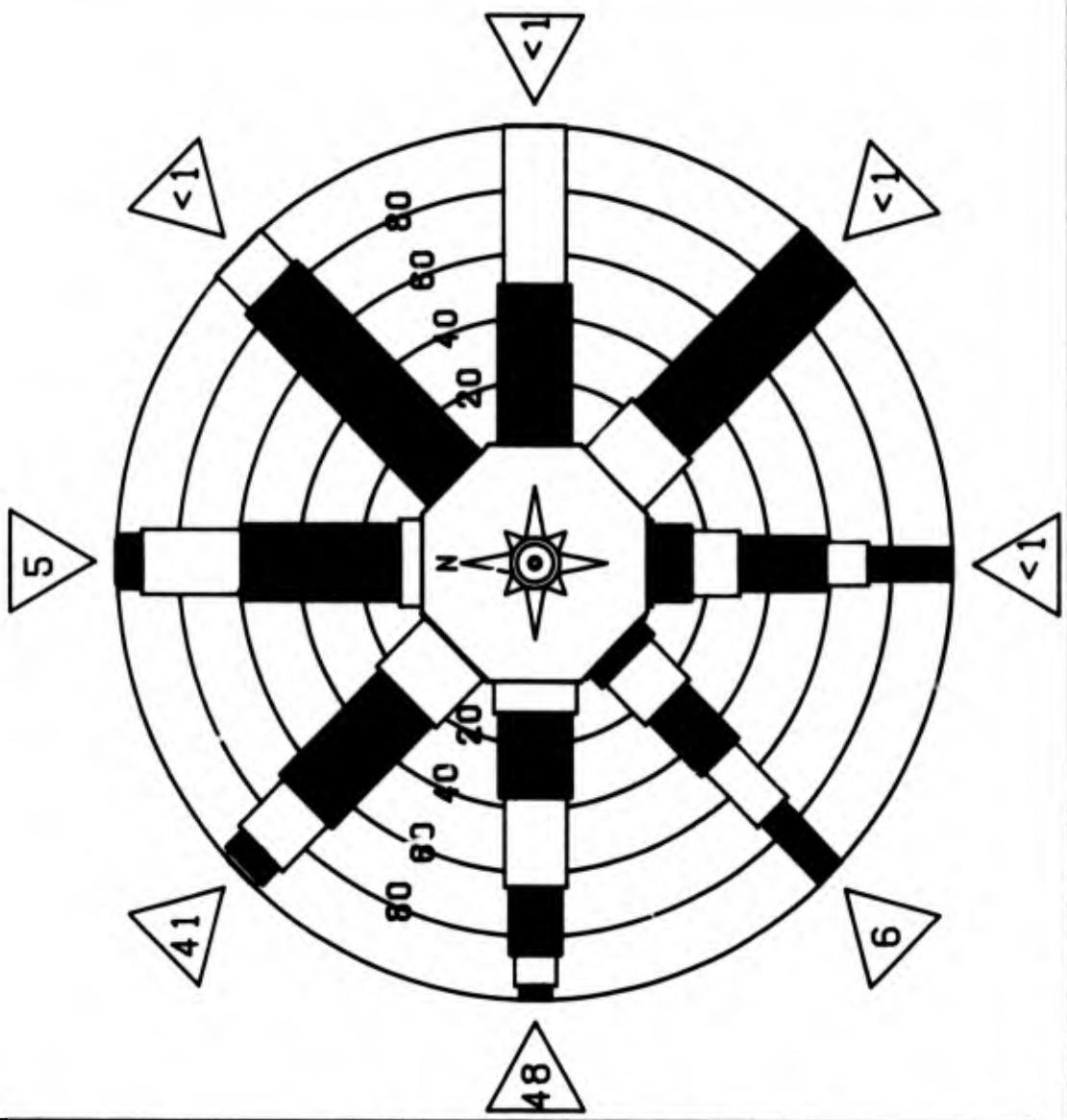
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	6	152	670	424	145	53	220	29	10	.	.	11
1.0-1.9	10	151	1052	1154	1647	961	362	52	10	.	.	4695
2.0-2.9	.	112	272	132	171	362	621	54	.	.	.	4279
3.0-3.9	.	20	282	132	434	2505	1654	97	.	.	.	5016
4.0-4.9	.	77	94	145	924	1377	159	.	.	.	.	2476
5.0-5.9	.	5	41	20	114	376	210	.	.	.	.	626
6.0-6.9	.	.	.	20	17	90	97	.	.	.	.	254
7.0-7.9	.	.	.	5	13	11	11	.	.	.	.	15
8.0-8.9	.	.	.	.	5	11	11	.	.	.	.	15
9.0-9.9	.	.	.	.	.	11	.	.	.	.	.	1
TOTAL	65	357	1704	2151	4266	7391	4579	661	10	0	.	1
MEAN HS(M) =	3.7	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	12.0	NO. OF CASES=	12394.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	44	80	106	1676	781	157	23	6	.	.	.	230
1.0-1.9	217	752	3295	1640	3478	5352	3100	446	11	.	.	6907
2.0-2.9	100	328	1040	138	465	2282	4909	2005	181	5	.	10190
3.0-3.9	.	205	138	177	1800	4252	2376	2005	181	.	.	9118
4.0-4.9	.	18	68	83	20	373	971	306	.	.	.	1642
5.0-5.9	.	.	10	23	73	239	232	.	.	.	.	577
6.0-6.9	.	.	.	3	3	34	13	.	.	.	.	50
7.0-7.9	.	.	.	.	10	10	5	.	.	.	.	15
8.0-8.9	.	.	.	.	.	5	.	.	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	361	1383	5724	5812	8953	10991	6438	1123	5	0	.	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	9.2	MEAN TP(SEC)=	11.4	NO. OF CASES=	23855.					

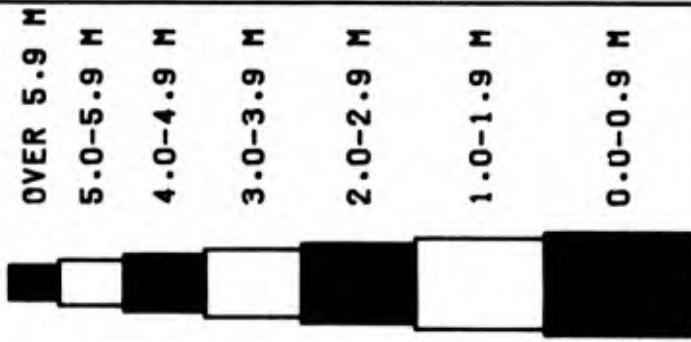
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	54	30	111	398	175	44	5	5	.	.	.	95
1.0-1.9	1096	1271	1510	2061	1259	251	51	5	.	.	.	4469
2.0-2.9	1132	2301	1548	2061	1259	251	116	6	6	.	.	6603
3.0-3.9	963	145	193	888	651	218	90	1	.	.	.	2973
4.0-4.9	.	90	217	15	51	213	66	1	.	.	.	683
5.0-5.9	.	49	20	.	3	3	.	.	.	.	.	144
6.0-6.9	.	1	1	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2282	4655	3481	2688	2333	1168	327	18	6	0	.	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	6.0	MEAN TP(SEC)=	8.6	NO. OF CASES=	9924.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	516	275	113	1	1	1	1	1	1	1	.	6
1.0-1.9	597	3448	207	134	65	37	3	1	.	.	.	4067
2.0-2.9	1	1877	200	172	63	37	3	1	.	.	.	2249
3.0-3.9	203	345	10	44	15	.	.	.	.	.	.	617
4.0-4.9	1	32	3	3	.	.	.	.	.	.	.	644
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	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 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	10	11	12	254	107	27	2	1	1	1	1	33
1.0-1.9	201	253	560	254	857	437	74	4	1	1	1	1405
2.0-2.9	245	291	457	705	852	934	305	25	1	1	1	1466
3.0-3.9	1	407	94	130	907	934	305	25	1	1	1	1472
4.0-4.9	40	12	48	146	602	672	41	1	1	1	1	1517
5.0-5.9	1	51	60	76	164	262	54	1	1	1	1	680
6.0-6.9	1	1	22	47	98	98	47	1	1	1	1	277
7.0-7.9	1	1	2	20	28	24	14	1	1	1	1	89
8.0-8.9	1	1	1	2	1	1	1	1	1	1	1	17
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1	4
TOTAL	457	1409	1340	1229	1817	2264	1264	188	2	0	2	2
MEAN HS(M)=	3.2	LARGEST HS(M)=	11.7	MEAN TP(SEC)=	10.6	TOTAL CASES=	58440.					



STATION 31
40.90N, 125.28W
58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 31 (40.90N 125.28W)

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	4.6	4.0	3.8	3.0	3.8	3.6	3.3	3.3	3.0	3.0	3.7	3.5
1957	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1958	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1959	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1960	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1961	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1962	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1963	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1964	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1965	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1966	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1967	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1968	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1969	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1970	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1971	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1972	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1973	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1974	4.4	4.5	3.9	3.4	3.0	3.4	3.7	3.4	3.0	3.0	3.4	3.4
1975	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6
MEAN	4.4	4.2	3.8	3.3	2.7	2.4	2.3	2.1	2.2	3.0	4.0	4.6

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 31 (40.90N 125.28W)

YEAR	MONTH										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1955	7.9	8.0	6.0	4.8	4.2	4.4	3.7	3.0	4.4	6.9	4.5
1956	5.7	6.0	5.2	4.7	4.1	3.6	3.1	3.0	4.4	7.0	6.7
1957	7.7	7.8	7.4	5.2	5.1	4.4	3.9	3.4	4.9	6.6	6.6
1958	6.4	6.8	5.2	4.7	4.1	3.6	3.1	3.0	4.6	6.0	6.0
1959	6.9	7.0	6.1	5.0	4.4	3.9	3.4	3.0	4.7	6.0	6.0
1960	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1961	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1962	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1963	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1964	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1965	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1966	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1967	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1968	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1969	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1970	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1971	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1972	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1973	5.1	5.4	4.6	3.7	3.2	2.8	2.4	2.3	3.0	4.0	4.5
1974	11.7	9.6	8.5	7.4	6.5	5.4	4.7	4.4	3.9	3.8	11.7
1975	6.2	6.9	7.5	3.9	4.7	4.4	3.9	3.6	2.5	5.8	6.0

20 YR. STATISTICS FOR PACIFIC STATION 31 (40.90N 125.28W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.3
 STANDARD DEVIATION OF TP(SECONDS)= 3.6
 LARGEST HS(METRES)= 11.7
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 213.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011515

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.0	6.1-	8.9.5	9.6-	10.6-	11.6-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9													0
1.0-1.9	90	41	3										134
2.0-2.9	119	42	10		3	10			5	1			569
3.0-3.9	11	234	22		3				3				274
4.0-4.9		10	6										16
5.0-5.9													0
6.0-6.9													0
7.0-7.9													0
8.0-8.9													0
9.0-9.9													0
TOTAL	207	712	41	4	20	0	8	1	0	0	0		0
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) = 0													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.0	6.1-	8.9.5	9.6-	10.6-	11.6-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9													0
1.0-1.9	1	1											0
2.0-2.9	23	27	6					1					52
3.0-3.9	5	13											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
TOTAL	29	41	6	0	0	0	1	0	0	0	0		0
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) = 22.5													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.0	6.1-	8.9.5	9.6-	10.6-	11.6-	13.3	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9													0
1.0-1.9	1	1											0
2.0-2.9	23	27	6					1					52
3.0-3.9	5	13											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
TOTAL	29	41	6	0	0	0	1	0	0	0	0		0
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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.0	6.1-	8.9.5	9.6-	10.6-	11.6-	13.3	13.4-	15.4-	18.2-	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													0
5.0-5.9													0
6.0-6.9													0
7.0-7.9													0
8.0-8.9													0
9.0-9.9													0
TOTAL	9	0	1	0	0	0	0	0	0	0	0		0
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													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL		
	4.4-	6.0	6.1-	8.9.5	9.6-	10.6-	11.6-	13.3	13.4-	15.4-	18.2-	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													0
5.0-5.9													0
6.0-6.9													0
7.0-7.9													0
8.0-8.9													0
9.0-9.9													0
TOTAL	4	0	0	0	0	1	0	0	0	0	0		0
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	6.9	NO. OF CASES=	4.						

STATION 32 41°31'N 125°03'W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
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	3	0	0	0	0	0	0	0	0	0	0	0	2
MEAN HS(M) =	2.6	LARGEST HS(M)=	2.8	MEAN TP(SEC)=	5.6	NO. OF CASES=							2.

STATION 32 41°31'N 125°03'W AZIMUTH(DEGREES) = 112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	1	1	.	.	.	.	.	.	.	.	.	2
2.0-2.9	1	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	4	2	0	0	0	0	0	0	0	0	0	0	5
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	5.9	NO. OF CASES=							5.

STATION 32 41°31'N 125°03'W AZIMUTH(DEGREES) = 135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	5	.	.	.	.	.	.	.	.	.	.	5
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+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	0	0	0	0	0	0	0	0	0	0	0	3
MEAN HS(M) =	2.1	LARGEST HS(M)=	2.3	MEAN TP(SEC)=	5.2	NO. OF CASES=							3.

STATION 32 41°31'N 125°03'W AZIMUTH(DEGREES) = 157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	.	.	3
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+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	9	1	3	0	0	0	0	0	0	0	0	0	9.
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	6.3	NO. OF CASES=							9.

STATION 32 41° 31'N 125° 03'W AZIMUTH(DEGREES) = 180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9											0
1.0-1.9	3	:	:	:	:						3
2.0-2.9	17	:	i	:	3	:					21
3.0-3.9		1	:		4						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	20	i	i	0	6	0	0	0	0	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	5.3	MEAN TP(SEC)=	7.1	NO. OF CASES=	19.				

STATION 32 41° 31'N 125° 03'W AZIMUTH(DEGREES) = 202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9											0
1.0-1.9											0
2.0-2.9	8	10	13	13	16	16	14	16	16	16	37
3.0-3.9	1	22	23	23	22	22	23	22	22	22	145
4.0-4.9		6	28	29	29	29	29	29	29	29	145
5.0-5.9											103
6.0-6.9											33
7.0-7.9											0
8.0-8.9											0
9.0-9.9											0
10.0+											5
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° 31'N 125° 03'W AZIMUTH(DEGREES) = 225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9											0
1.0-1.9											158
2.0-2.9	13	23	43	5	25	10	10	10	10	10	250
3.0-3.9		118	152	233	233	112	105	20	20	20	914
4.0-4.9		27	207	207	244	191	42	42	42	42	720
5.0-5.9		1	67	122	124	123	61	61	61	61	450
6.0-6.9			1	122	124	123	123	123	123	123	151
7.0-7.9				1	124	124	124	124	124	124	151
8.0-8.9					1	22	12	12	12	12	51
9.0-9.9						3	5	5	5	5	6
10.0+											6
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° 31'N 125° 03'W AZIMUTH(DEGREES) = 247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9											1
1.0-1.9	3	42	94	61	13	5	5	18			241
2.0-2.9	1	51	114	237	256	80	27				776
3.0-3.9	3	128	181	162	342	559	160	16			1458
4.0-4.9		22	147	116	142	266	410	410			988
5.0-5.9			49	92	142	142	142	142			366
6.0-6.9			8	30	15	114	143	34			90
7.0-7.9					1	47	24	5			6
8.0-8.9						3	3				0
9.0-9.9											0
10.0+											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	66	1	11			1770
2.0-2.9	10	42	258	795	1522	1235	347	25	5		4339
3.0-3.9	.	57	87	220	1279	1475	1241	25	.		6585
4.0-4.9	.	17	138	73	175	1755	1241	128	.		4164
5.0-5.9	.	1	30	39	112	408	1081	172	.		1243
6.0-6.9	.	.	3	13	78	78	246	155	.		548
7.0-7.9	.	.	.	15	15	35	35	37	.		102
8.0-8.9	.	.	.	5	1	10	13	.	.		27
9.0-9.9	.	.	.	.	.	3	3	.	.		3
10.0+	.	.	.	.	.	.	.	.	.		0
TOTAL	38	237	1230	1750	3646	7080	4901	52	5	0	
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) =290.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	203	229	4472	2337	1072	253	39	8			9300
2.0-2.9	82	1702	4078	5924	3730	509	27	13			17314
3.0-3.9	.	132	148	446	2436	5634	2266	208			11334
4.0-4.9	.	15	143	144	321	2383	2878	352	.		6216
5.0-5.9	.			65	78	302	997	426	.		10355
6.0-6.9	.	.	47	10	27	55	213	201	.		507
7.0-7.9	.	.	.	.	11	18	8	8	.		37
8.0-8.9	.	.	.	.	8	3	.	.	.		11
9.0-9.9	.	.	.	.	3	.	.	.	.		0
10.0+	.	.	.	.	.	.	.	.	.		0
TOTAL	346	1386	6689	7105	9898	12382	6951	1233	13	0	
MEAN HS(M) =	2.9	LARGEST HS(M) =	9.0	MEAN TP(SEC) =	11.4	NO. OF CASES =	26901.				

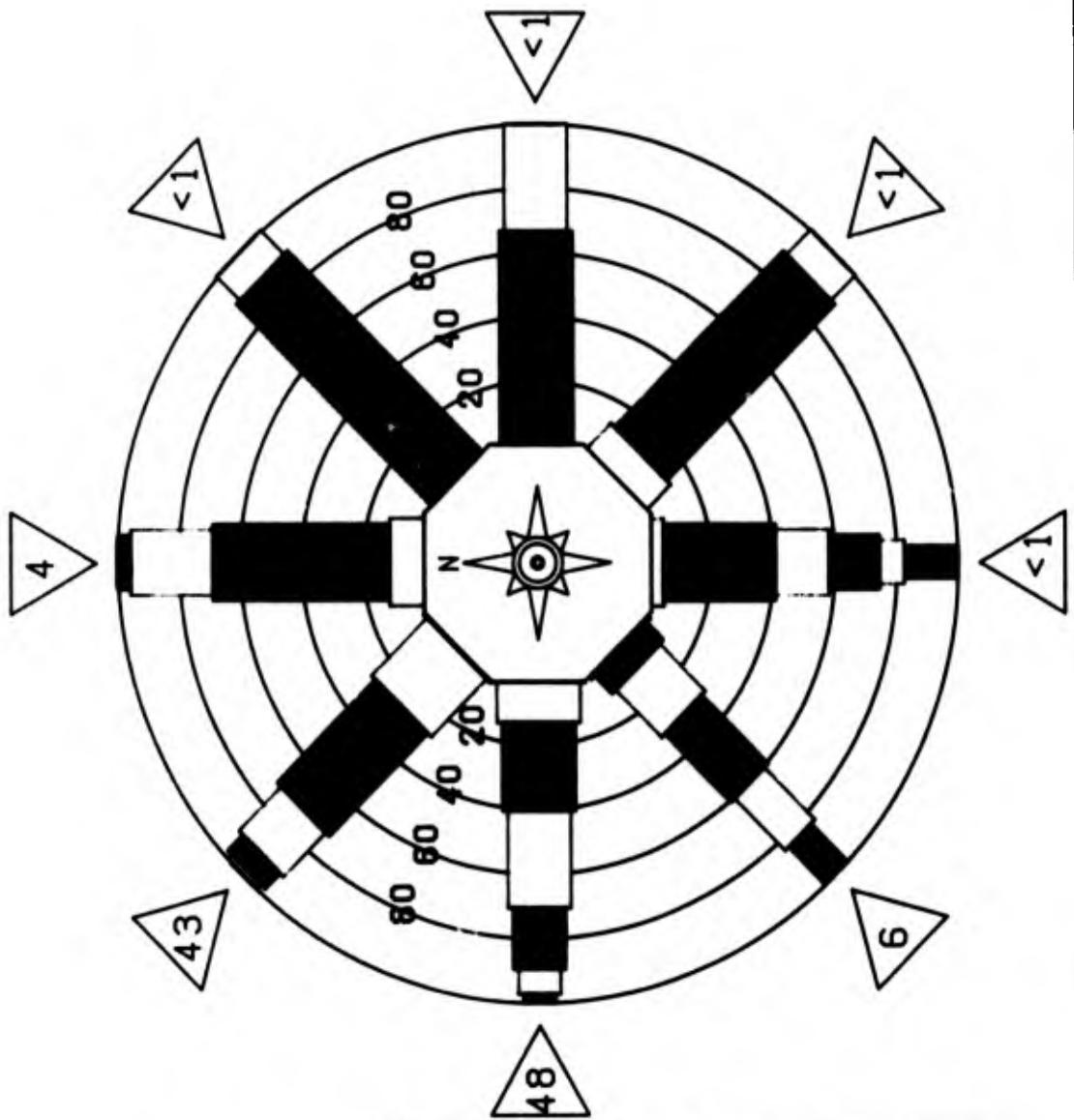
STATION 32 41.31N 125.03W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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	56	5			1	8				119
1.0-1.9	1199	1452	1692	436	104	61	1				4953
2.0-2.9	1206	2160	1504	2144	1141	253	47				8475
3.0-3.9	1	672	152	174	654	569	97	11			2760
4.0-4.9	.	68	203	22	44	200	53	3			615
5.0-5.9	.	1	27	20	.	3	27	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	
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	631	225	22	1	1	1	1				881
1.0-1.9	1047	2970	188	85	49	1	5	1			4345
2.0-2.9	.	1317	234	32	83	3	3	1			1673
3.0-3.9	.	112	165	8	42	15	.	.			342
4.0-4.9	.	.	8	3	.	.	.	.			11
5.0-5.9	.	.	.	.	.	.	.	.			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	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 =					

HEIGHT(METRES)	STATION 32 41°31'N 125.03W FOR ALL DIRECTIONS											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	16.2- 22.2	22.3- LONGER		
0.0-0.9	11	17	19									48
1.0-1.9	216	276	699	338	152	39	4	4				1727
2.0-2.9	256	697	385	279	806	516	94	55				1512
3.0-3.9	1	293	91	116	524	1037	392	26				2480
4.0-4.9	.	30	103	61	121	510	519	46				1390
5.0-5.9	.				69	116	257	63				571
6.0-6.9	.	.	26	43	33	42	66	39				190
7.0-7.9	.	.	3	7	14	14	15	5				57
8.0-8.9	.	.	.	.	1	2	3	1				2
9.0-9.9	.	.	.	.	.	1	1	1				1
10.0+	.	.	.	.	.	1	1	1				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.					



STATION 32
41.31N, 125.03W
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
WIS STATION 32 (41.31N 125.03W)

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	4.1	3.9	3.6	3.0	2.8	2.5	2.1	2.1	1.8	2.6	2.6	3.3
1957	3.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1958	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1959	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1960	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1961	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1962	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1963	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1964	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1965	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1966	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1967	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1968	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1969	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1970	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1971	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1972	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1973	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1974	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1975	3.6	3.6	3.6	2.6	2.6	2.9	2.0	1.8	1.2	3.0	3.6	3.3
MEAN	4.1	3.9	3.6	3.2	2.6	2.3	2.2	2.0	2.1	2.9	3.8	4.3

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 32 (41.31N 125.03W)

YEAR	MONTH										
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	7.3	7.5	6.0	6.8	6.6	6.3	6.4	6.4	6.3	6.7	6.5
1957	6.1	6.1	7.0	6.4	6.0	6.0	6.0	6.0	6.0	6.6	7.0
1958	6.3	6.3	6.4	6.0	6.0	6.0	6.0	6.0	6.0	6.6	6.5
1959	7.7	6.6	6.4	6.0	6.0	6.0	6.0	6.0	6.0	6.6	6.5
1960	7.9	6.2	5.7	6.6	6.6	6.9	6.4	6.4	6.4	6.7	6.5
1961	7.4	7.4	7.0	6.7	6.7	6.7	6.7	6.7	6.7	7.1	7.2
1962	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1963	7.4	7.4	7.0	6.5	6.5	6.5	6.5	6.5	6.5	7.1	7.2
1964	9.0	4.9	5.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1965	6.5	5.5	5.0	4.7	4.7	4.7	4.7	4.7	4.7	5.0	5.0
1966	7.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.0	7.0
1967	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	7.0	7.0
1968	7.9	6.0	5.0	5.7	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1969	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1970	8.4	6.0	5.0	5.7	6.4	6.4	6.4	6.4	6.4	6.4	10.4
1971	9.1	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	8.0
1972	8.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	7.9
1973	11.0	6.4	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	9.2
1974	11.0	6.0	7.0	6.7	6.1	4.5	3.0	3.0	3.0	3.0	6.5
1975	6.2	6.0	7.2	6.7	6.1	4.5	3.0	3.0	3.0	3.0	6.3

20 YR. STATISTICS FOR PACIFIC STATION 32 (41.31N 125.03W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.26
 STANDARD DEVIATION OF TP(SECONDS)= 3.26
 LARGEST HS(METRES)= 11.0
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 11.0
 AVE. DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 216.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 74011515

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.-0.9												0
1.0-1.9	107	8	.	.	.	.	.	.	.	.	.	115
2.0-2.9	162	29	15	1	6	1	1	1	1	1	1	213
3.0-3.9	11	5	6	1	6	1	1	1	1	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=						

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.-0.9												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=						

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.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	3	.	1	.	.	.	.	.	.	7
2.0-2.9	1	.	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	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=						

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.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	1	.	1	.	.	.	.	.	.	3
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	1	0	1	0	0	0	0	0		4.
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	7.9	NO. OF CASES=						

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	3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	.	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+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	i	0	0	0	0	0	0	0	0	0	0	0	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	3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
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	1	4	0	0	0	0	0	0	0	0	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	3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	6	0	0	0	0	0	0	0	0	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	3-LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	i	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	5	i	3	0	0	0	0	0	0	0	0	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	0
1.0-1.9	15	6	1	.	.	.	.	.	.	.	15	15
2.0-2.9	.	2	1	.	.	.	.	.	.	.	2	2
3.0-3.9	.	3	1	.	.	.	.	.	.	.	3	3
4.0-4.9	.	3	1	.	.	.	.	.	.	.	3	3
5.0-5.9	.	3	1	.	.	.	.	.	.	.	3	3
6.0-6.9	.	6	2	11	10	10	10	10	10	10	60	60
7.0-7.9	.	6	2	22	22	22	22	22	22	22	52	52
8.0-8.9	.	6	2	32	32	32	32	32	32	32	50	50
9.0-9.9	.	1	1	37	37	37	37	37	37	37	37	37
10.0+	.	1	1	1	1	1	1	1	1	1	1	1
TOTAL	16	6	1	0	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	0
1.0-1.9	15	6	18	11	10	10	10	10	10	10	49	49
2.0-2.9	28	10	11	11	10	10	10	10	10	10	51	51
3.0-3.9	28	10	11	11	10	10	10	10	10	10	50	50
4.0-4.9	3	6	22	22	22	22	22	22	22	22	20	20
5.0-5.9	1	1	3	37	37	37	37	37	37	37	21	21
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	16	30	41	40	105	45	4	0	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	0
1.0-1.9	15	15	29	11	27	27	27	27	27	27	97	97
2.0-2.9	49	140	140	63	159	46	46	46	46	46	358	358
3.0-3.9	1	27	123	203	154	83	83	83	83	83	606	606
4.0-4.9	.	1	37	142	142	174	174	174	174	174	613	613
5.0-5.9	.	6	29	139	139	203	203	203	203	203	432	432
6.0-6.9	.	6	5	8	8	87	87	87	87	87	163	163
7.0-7.9	.	.	5	8	29	29	29	29	29	29	60	60
8.0-8.9	.	.	.	11	11	11	11	11	11	11	24	24
9.0-9.9	.	.	.	.	.	.	.	.	.	.	16	16
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	16	92	335	453	666	634	163	0	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	0
1.0-1.9	11	32	107	11	15	20	20	20	20	20	185	185
2.0-2.9	30	270	270	242	229	92	92	92	92	92	177	177
3.0-3.9	140	162	237	505	501	75	75	75	75	75	1718	1718
4.0-4.9	2	191	181	359	359	660	660	660	660	660	1783	1783
5.0-5.9	1	92	201	277	277	343	343	343	343	343	1592	1592
6.0-6.9	.	6	6	135	135	333	333	333	333	333	844	844
7.0-7.9	.	3	49	164	164	147	147	147	147	147	397	397
8.0-8.9	.	.	13	44	44	22	22	22	22	22	60	60
9.0-9.9	.	.	.	5	5	34	34	34	34	34	11	11
10.0+	.	.	.	.	.	6	6	6	6	6	10	10
TOTAL	16	226	828	971	1672	2578	1154	82	0	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° 72'N 124° 78'W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	18	224	1157	516	301	77	5	.	.	.	.	.	40
1.0-1.9	77	224	781	1557	1818	1026	230	23	5	.	.	.	2349
2.0-2.9	6	76	123	167	441	2041	3723	1072	50	5	.	.	5536
3.0-3.9	.	123	229	116	540	2886	1072	50	5	.	.	.	7631
4.0-4.9	.	29	229	116	120	800	1053	205	.	.	.	.	6038
5.0-5.9	.	3	61	130	130	1053	195	.	.	.	.	.	4977
6.0-6.9	.	3	61	130	130	1053	195	.	.	.	.	.	1000
7.0-7.9	.	3	61	130	130	1053	195	92	.	.	.	.	234
8.0-8.9	.	3	61	130	130	1053	195	92	.	.	.	.	44
9.0-9.9	.	3	61	130	130	1053	195	92	.	.	.	.	13
10.0+	.	3	61	130	130	1053	195	92	.	.	.	.	1
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° 72'N 124° 78'W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	73	109	183	1	1001	323	51	26	.	.	.	.	366
1.0-1.9	255	156	4564	2361	8020	3201	4502	25	.	.	.	.	9709
2.0-2.9	90	506	1887	4218	8520	3201	4502	1762	180	.	.	.	15709
3.0-3.9	.	152	198	482	2378	4762	1762	2525	275	.	.	.	9920
4.0-4.9	.	8	118	107	340	1930	2525	275	.	.	.	.	5303
5.0-5.9	.	37	54	59	262	841	210	152	.	.	.	.	1692
6.0-6.9	.	3	5	35	35	210	152	.	.	.	.	.	445
7.0-7.9	.	3	5	35	35	210	152	.	.	.	.	.	22
8.0-8.9	.	3	5	35	35	210	152	.	.	.	.	.	11
9.0-9.9	.	3	5	35	35	210	152	.	.	.	.	.	3
10.0+	.	3	5	35	35	210	152	.	.	.	.	.	0
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° 72'N 124° 78'W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

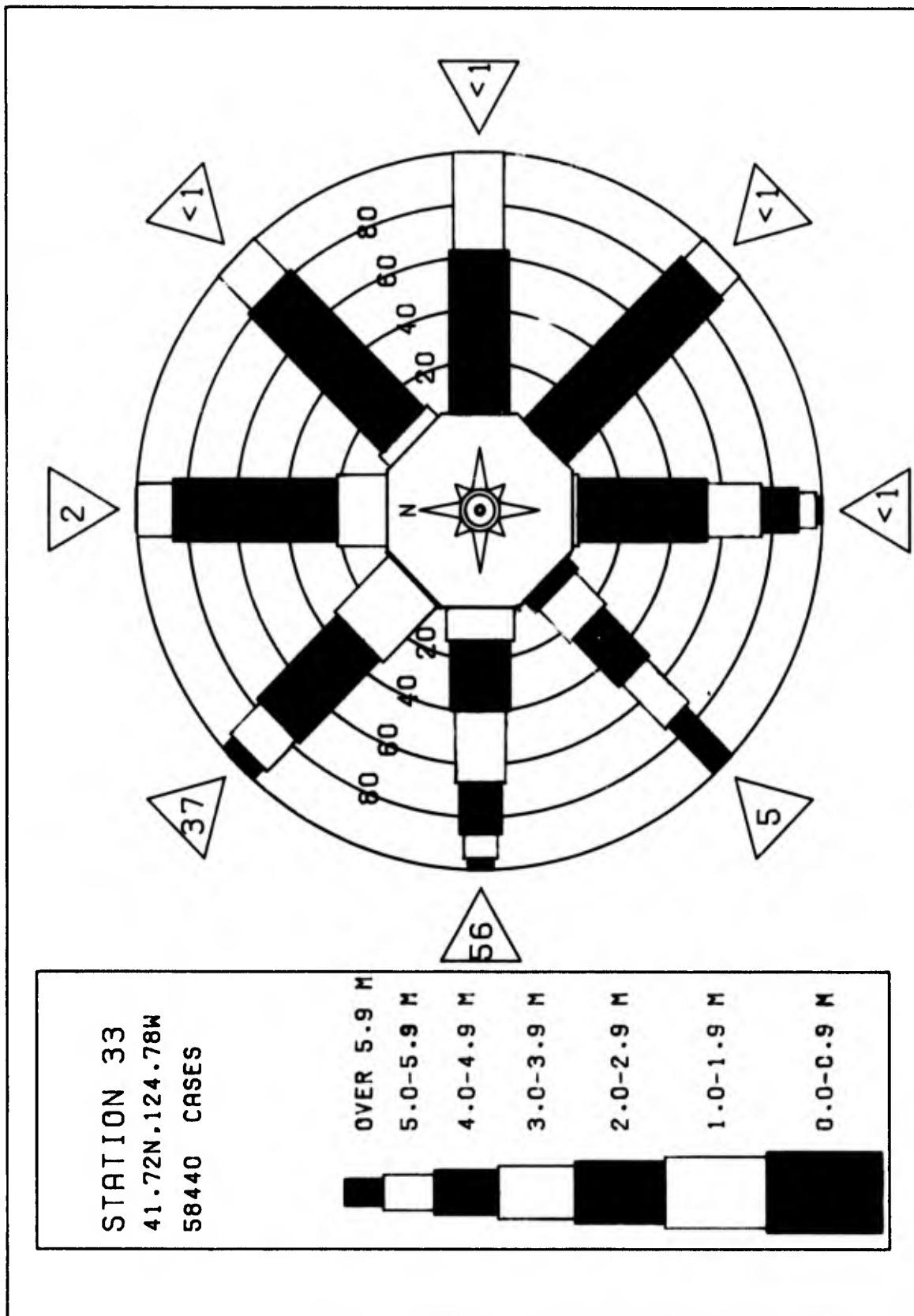
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	61	63	1	439	61	51	3	13	.	.	.	.	125
1.0-1.9	135	1666	1767	1825	977	128	20	7	.	.	.	.	5153
2.0-2.9	117	1496	1588	1825	746	446	71	6	.	.	.	.	2440
3.0-3.9	17	469	285	224	23	97	18	.	.	.	.	.	2314
4.0-4.9	37	37	138	37	23	97	18	.	.	.	.	.	350
5.0-5.9	3	15	17	1	.	.	.	.	.	.	.	.	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	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° 72'N 124° 78'W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	3	5	53	3	1	.	.	.	.	.	.	.	8
1.0-1.9	595	258	268	88	54	.	.	.	.	.	.	.	910
2.0-2.9	1297	1283	268	42	29	.	.	.	.	.	.	.	2661
3.0-3.9	56	261	27	6	6	.	.	.	.	.	.	.	678
4.0-4.9	.	11	27	.	.	.	.	.	.	.	.	.	50
5.0-5.9	.	3	.	.	.	.	.	.	.	.	.	.	3
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1951	1818	638	139	90	0	4	0	0	0	0	.	2719.

HEIGHT(METRES)	STATION 33 41°72'N 124°78'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	15	17	20								52
1.0-1.9	248	314	767	333	138	47	6	1	.	.	1863
2.0-2.9	281	352	482	797	665	449	75	25	.	.	3503
3.0-3.9	10	125	125	153	586	947	298	355	.	.	2269
4.0-4.9	.	14	83	67	146	576	486	355	.	.	1409
5.0-5.9	.	.	26	51	77	193	286	600	.	.	693
6.0-6.9	.	.	1	16	38	73	109	166	.	.	273
7.0-7.9	.	.	1	10	30	29	12	.	.	.	83
8.0-8.9	.	.	.	3	9	6	1	.	.	.	19
9.0-9.9	.	.	.	.	1	2	1	.	.	.	4
10.0+	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
WIS STATION 33 (41.72N 124.78W)

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	6.7	5.9	6.0	5.0	5.7	2.5	2.0	2.0	1.8	2.7	3.0	3.6
1957	6.9	6.5	6.8	5.8	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1958	6.4	5.4	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1959	6.4	5.4	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1960	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1961	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1962	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1963	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1964	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1965	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1966	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1967	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1968	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1969	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1970	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1971	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1972	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1973	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1974	6.4	5.2	5.9	5.0	5.5	2.9	2.5	2.0	1.8	2.7	3.0	3.6
1975	3.8	3.8	3.6	2.5	2.6	2.0	1.9	1.7	1.1	3.1	3.8	3.7
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

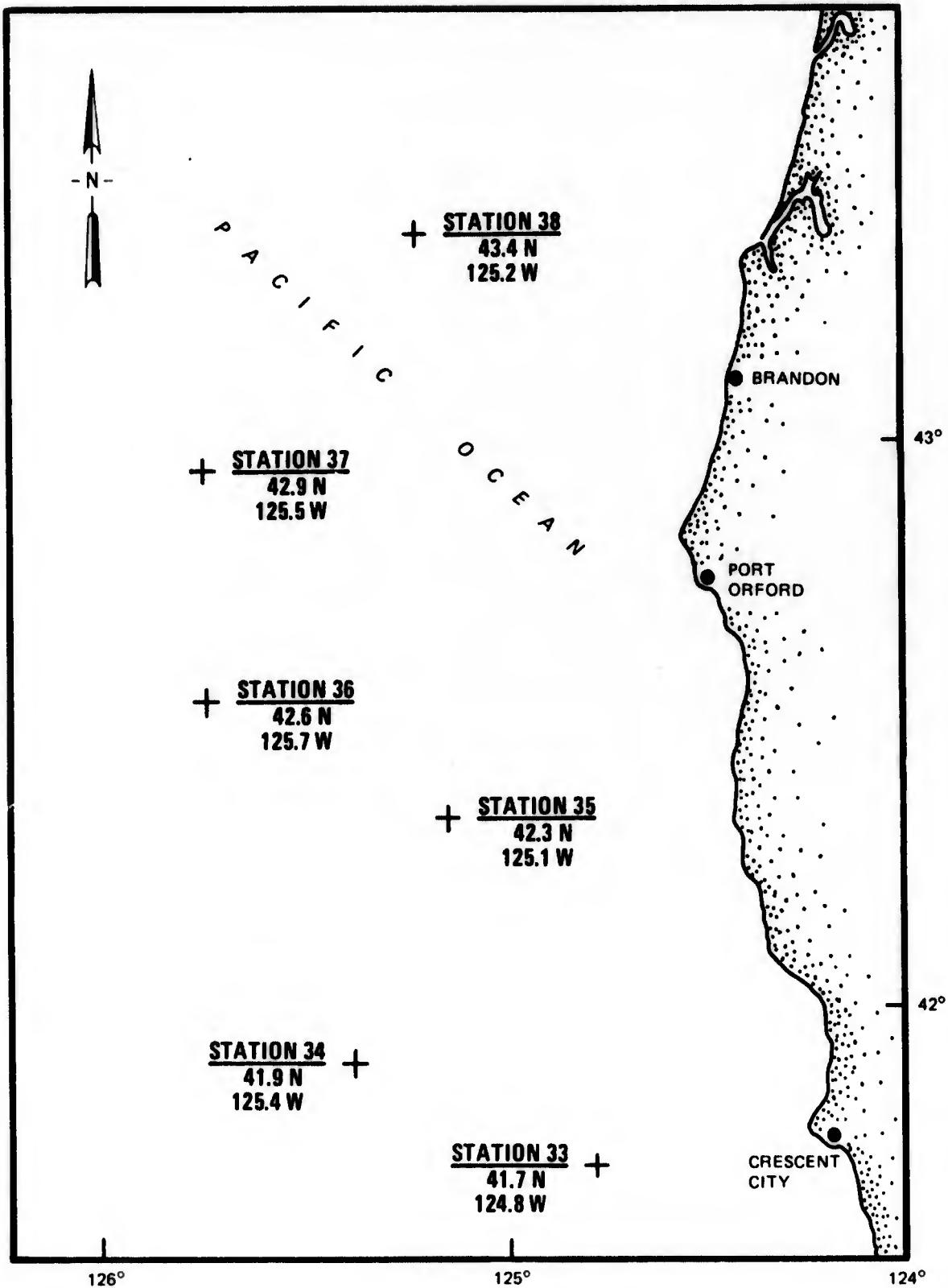
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 33 (41.72N 124.78W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	6.2	7.7	6.2	4.7	4.0	3.8	3.8	3.8	3.8	4.3	6.7	
1957	6.4	7.0	6.2	4.6	4.0	3.9	3.8	3.8	3.8	4.7	6.9	
1958	6.4	7.2	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1959	6.4	7.2	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1960	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1961	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1962	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1963	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1964	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1965	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1966	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1967	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1968	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1969	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1970	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1971	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1972	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1973	6.4	7.4	6.2	4.7	4.2	3.9	3.8	3.8	3.8	4.7	6.9	
1974	6.4	7.4	6.2	4.1	3.9	3.5	3.3	4.2	1.9	3.4	6.4	7.5

20 YR. STATISTICS FOR PACIFIC STATION 33 (41.72N 124.78W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.1
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.8
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 2.4
 STANDARD DEVIATION OF TP(SECONDS)= 2.5
 LARGEST HS(METRES)= 12.1
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.0
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 234.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 69121118

APPENDIX E: STA 34 THROUGH 38



HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											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.-0.9																				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	157	531	41	1	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	
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) = 0																					
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																					
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL									
4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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																				0	
5.0-5.9																				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	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	
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) = 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.-0.9																				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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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) = 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.-0.9																				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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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.-0.9																				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	7	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	6.9	NO. OF CASES=	8.														

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	1	i	.	.	.	.	.	.	.	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	3	6	i	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	6.7	NO. OF CASES=	7.				
STATION 34 41° 93'N 125° 39'W AZIMUTH(DEGREES) = 90.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	8	.	.	.	i	.	.	.	.	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	0	14	0	0	1	0	0	0	0	0	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	7.3	NO. OF CASES=	10.				
STATION 34 41° 93'N 125° 39'W AZIMUTH(DEGREES) = 112.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	6	.	.	.	i	.	.	.	.	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	0	14	0	0	1	0	0	0	0	0	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	7.3	NO. OF CASES=	10.				
STATION 34 41° 93'N 125° 39'W AZIMUTH(DEGREES) = 135.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	6	5	.	.	.	.	.	.	.	11
2.0-2.9	.	6	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	6	5	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	2.7	MEAN TP(SEC)=	6.4	NO. OF CASES=	7.				
STATION 34 41° 93'N 125° 39'W AZIMUTH(DEGREES) = 157.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	15	.	.	.	.	.	.	.	.	16
2.0-2.9	3	15	.	.	.	.	.	.	.	.	0
3.0-3.9	.	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	3	21	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	4.7	MEAN TP(SEC)=	6.6	NO. OF CASES=	15.				

HEIGHT(METRES)	STATION 34 41.93N 125.39W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	15	.	.	.	.	.	.	.	.	.	.	25
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	.	12
3.0-3.9	.	18	5	10	.	1	.	.	.	.	.	.	34
4.0-4.9	.	1	5	6	1	.	.	.	.	.	.	.	13
5.0-5.9	.	.	1	1	.	.	.	.	.	.	.	.	1
6.0-6.9	.	.	.	1	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	1	.	.	.	.	.	.	.	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	47	11	17	1	1	0	0	0	0	0	0	57.	
MEAN HS(M) =	3.9	LARGEST HS(M)=	7.3	MEAN TP(SEC)=	7.7	NO. OF CASES=								
4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	5	27	10	15	18	1	.	.	.	.	.	.	42
2.0-2.9	5	49	40	24	25	15	15	.	.	.	.	.	125
3.0-3.9	.	20	32	53	109	15	15	.	.	.	.	.	213
4.0-4.9	.	5	32	53	109	15	15	.	.	.	.	.	96
5.0-5.9	.	.	6	5	23	25	25	1	.	.	.	.	115
6.0-6.9	.	.	3	1	10	27	27	6	.	.	.	.	110
7.0-7.9	.	.	1	1	1	6	6	6	.	.	.	.	13
8.0-8.9	.	.	.	.	1	2	2	2	.	.	.	.	3
9.0-9.9	.	.	.	.	.	6	6	6	.	.	.	.	3
10.0+	.	.	.	.	.	6	6	6	.	.	.	.	3
TOTAL	5	101	180	126	245	160	21	0	0	0	0	0	502.	
MEAN HS(M) =	5.4	LARGEST HS(M)=	12.2	MEAN TP(SEC)=	10.2	NO. OF CASES=								
4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	1	1	1	1	1	1	1	1	1	1	1	1	9	
2.0-2.9	6	23	37	17	20	5	10	.	.	.	.	.	107
3.0-3.9	6	136	121	151	56	75	10	.	.	.	.	.	449
4.0-4.9	.	41	241	123	140	130	10	.	.	.	.	.	720
5.0-5.9	.	.	11	224	215	124	25	1	.	.	.	.	690
6.0-6.9	.	.	10	83	214	103	72	8	.	.	.	.	590
7.0-7.9	.	.	1	5	118	145	47	.	.	.	.	.	313
8.0-8.9	.	.	.	.	11	75	29	.	.	.	.	.	115
9.0-9.9	.	.	.	.	1	18	18	.	.	.	.	.	7
10.0+	.	.	.	.	1	18	18	.	.	.	.	.	32
TOTAL	7	199	522	523	775	833	309	9	0	0	0	0	1870.	
MEAN HS(M) =	5.4	LARGEST HS(M)=	13.1	MEAN TP(SEC)=	10.9	NO. OF CASES=								
4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 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	1	27	136	35	6	13	.	.	.	.	.	.	226
2.0-2.9	8	59	249	209	220	688	8	.	.	.	.	.	911
3.0-3.9	.	130	155	126	662	650	58	.	.	.	.	.	1911
4.0-4.9	.	34	275	128	213	701	314	1	.	.	.	.	1743
5.0-5.9	.	.	114	220	152	258	487	8	.	.	.	.	865
6.0-6.9	.	.	8	92	102	133	100	27	.	.	.	.	403
7.0-7.9	.	.	.	11	11	49	124	12	.	.	.	.	97
8.0-8.9	.	.	.	1	1	15	23	12	.	.	.	.	25
9.0-9.9	.	.	.	.	.	5	5	5	.	.	.	.	10
10.0+	.	.	.	.	.	10	10	10	.	.	.	.	10
TOTAL	8	260	936	1033	1750	2740	1434	90	0	0	0	0	4838.	
MEAN HS(M) =	4.6	LARGEST HS(M)=	11.2	MEAN TP(SEC)=	11.6	NO. OF CASES=								

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	10	15	1	1	266	61	1	1	1	1	26
1.0-1.9	94	256	1160	501	1906	977	193	23	6	6	2339
2.0-2.9	8	87	838	1808	1983	3429	1310	61	6	6	5846
3.0-3.9	.	131	143	224	159	598	3104	2046	60	6	7310
4.0-4.9	.	32	242	159	104	135	819	1700	60	6	3067
5.0-5.9	.	.	85	66	75	128	583	224	225	225	1062
6.0-6.9	.	.	5	1	18	11	102	99	99	99	231
7.0-7.9	.	.	.	1	18	20	25	25	25	25	25
8.0-8.9	.	.	.	1	3	3	5	5	5	5	13
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	112	506	2488	3064	4948	8552	5669	711	6	6	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	80	85	138	1	1	256	39	1	1	1	303
1.0-1.9	308	1064	4164	1909	809	2749	379	17	17	17	14703
2.0-2.9	109	402	2032	4055	4950	4373	1572	159	159	159	9584
3.0-3.9	.	244	210	555	2491	1937	2114	2114	2114	2114	4624
4.0-4.9	.	8	162	555	371	320	914	914	914	914	1667
5.0-5.9	.	58	66	76	42	63	225	116	116	116	459
6.0-6.9	.	.	1	6	5	5	35	35	35	35	48
7.0-7.9	.	.	.	.	.	.	6	6	6	6	9
8.0-8.9	.	.	.	.	.	.	3	3	3	3	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	497	1803	6764	6684	8746	9715	5184	858	6	6	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	9.5	MEAN TP(SEC)=	11.1	NO. OF CASES=	23538.				

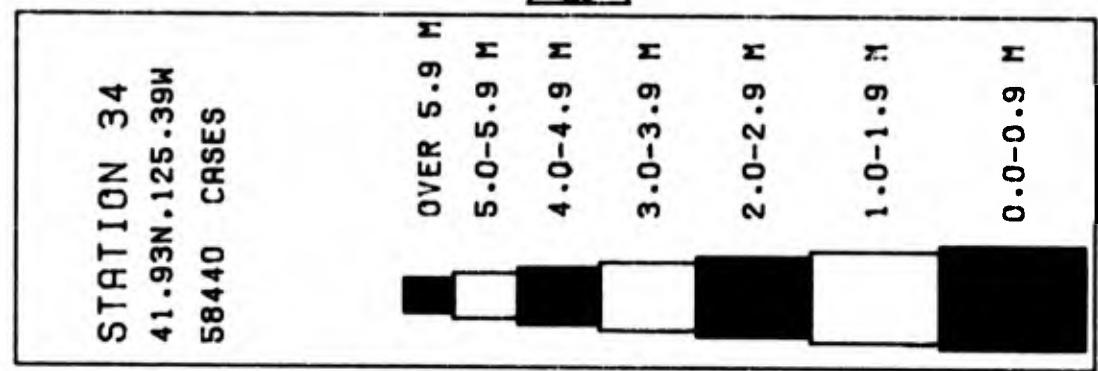
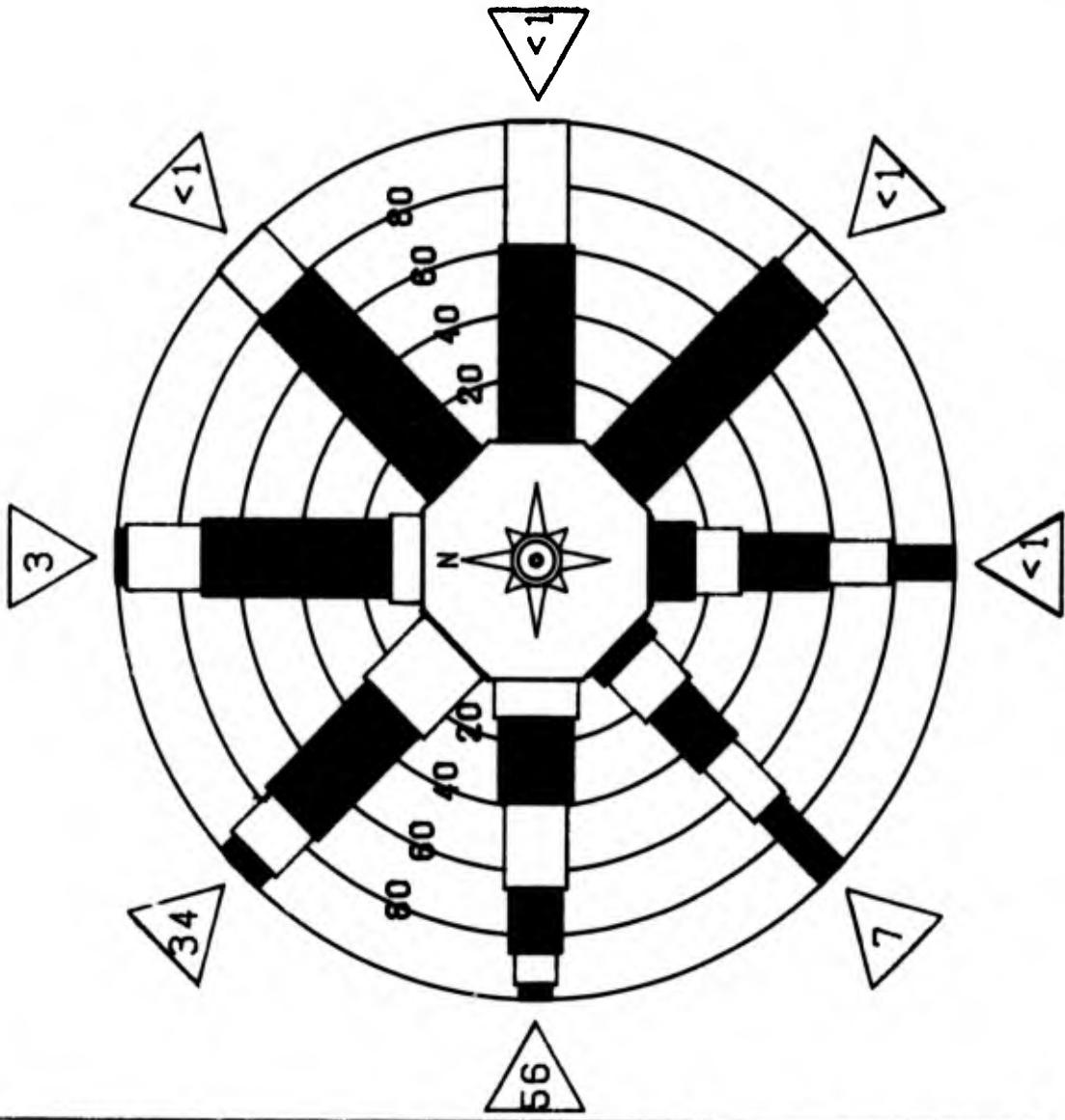
STATION 34 41° 93N 125° 39W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	61	39	3	1	1	1	1	1	1	1	103
1.0-1.9	1305	1350	1358	296	75	47	1	1	1	1	4240
2.0-2.9	1093	2393	1450	1625	797	145	20	20	20	20	2215
3.0-3.9	.	828	140	157	598	414	70	70	70	70	456
4.0-4.9	.	34	189	17	32	140	44	44	44	44	6
5.0-5.9	.	.	23	17	.	.	22	22	22	22	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2459	4644	2849	2122	1502	744	157	16	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	5	13	.	.	.	.	.	.	.	6
1.0-1.9	562	200	13	.	.	.	.	.	.	.	775
2.0-2.9	744	2655	100	80	41	1	5	1	.	.	3164
3.0-3.9	1	903	100	100	47	1	3	1	.	.	194
4.0-4.9	.	34	130	100	17	.	.	.	.	.	4
5.0-5.9	.	.	1	3	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1308	3797	447	96	105	1	13	1	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	5.4	MEAN TP(SEC)=	6.7	NO. OF CASES=	3378.				

HEIGHT(METRES)	STATION 34 41° 93'N 126° 39'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PEAK FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	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	292	683	274	115	38	4	.	.	.	.	1641
2.0-2.9		610	441	790	704	396	60	4	.	.	.	306
3.0-3.9		260	105	144	586	894	274	23	.	.	.	286
4.0-4.9	.	23	124	58	152	617	456	30	.	.	.	270
5.0-5.9	.	.	44	71	75	202	110	50	.	.	.	750
6.0-6.9	.	.	3	27	36	135	14	36	.	.	.	309
7.0-7.9	.	.	.	3	17	4	2	.	.	.	.	118
8.0-8.9	.	.	.	.	17	4	1	.	.	.	.	30
9.0-9.9	.	.	.	.	.	1	.	.	.	.	.	6
TOTAL	461	1198	1423	1366	1807	2273	1276	165	0	0	.	4
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
WIS STATION 34 (41.93N 125.39W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1957	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1958	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1959	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1960	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1961	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1962	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1963	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1964	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1965	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1966	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1967	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1968	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1969	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1970	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1971	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1972	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1973	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1974	4.9	4.0	4.3	4.7	5.8	6.5	7.1	6.0	5.0	4.8	4.0	3.8	4.1
1975	3.9	3.9	3.7	2.6	2.6	2.0	1.9	1.8	1.5	3.2	4.0	3.9	4.8
MEAN	4.6	4.3	3.9	3.3	2.6	2.3	2.1	2.0	2.1	3.1	4.1	3.9	4.8

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 34 (41.93N 125.39W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.9	7.7	6.5	6.8	6.3	6.0	7.6	7.6	6.9	6.9	6.7	5.8
1957	8.9	8.6	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.9	6.9
1958	8.9	8.3	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1959	8.9	8.3	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1960	8.9	8.4	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1961	8.9	8.6	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1962	8.9	8.6	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1963	8.9	8.6	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1964	8.9	8.6	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1965	8.9	8.7	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1966	8.9	8.7	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1967	8.9	8.7	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1968	8.9	8.7	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1969	8.9	8.7	7.9	7.4	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1970	10.0	9.4	7.9	7.7	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1971	9.9	9.3	7.9	7.7	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1972	9.9	9.3	7.9	7.7	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1973	13.1	9.3	7.9	7.7	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1974	13.1	7.4	7.9	7.7	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7
1975	6.0	7.4	7.9	7.7	7.0	6.7	7.9	7.6	7.0	6.9	6.7	6.7

20 YR. STATISTICS FOR PACIFIC STATION 34 (41.93N 125.39W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 17.7
 MOST FREQUENT (22.5 CENTER) DIRECTION BAND (DEGREES)= 20.5
 STANDARD DEVIATION OF HS(METRES)= 1.4
 STANDARD DEVIATION OF TP(SECONDS)= 1.6
 LARGEST HS(METRES)= 17.8
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 17.8
 AVE DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 21.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 74011516

HEIGHT(METRES)	STATION 35 42°34'N 125°13'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-16.1	16.2-22.2	22.3- LONGER	0
1.0-1.9	0.5 10	0 45	0 15	3 .	3 .	0 3	0 .	0 .	0 .	0 .	0.5 177
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0 200
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0 000
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0 000
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0 000
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0 000
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0 000
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0 000
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0 000
10.0+	.	.	.	.	.	.	.	.	.	.	0 000
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=					
STATION 35 42°34'N 125°13'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-16.1	16.2-22.2	22.3- LONGER	0
1.0-1.9	13 20	0 3	0 1	0 .	0 1	0 .	0 .	0 .	0 .	0 .	1 24
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0 000
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0 000
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0 000
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0 000
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0 000
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0 000
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0 000
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0 000
10.0+	.	.	.	.	.	.	.	.	.	.	0 000
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=					
STATION 35 42°34'N 125°13'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-16.1	16.2-22.2	22.3- LONGER	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0 000
2.0-2.9	1	0	1	0	0	0	0	0	0	0	0 000
3.0-3.9	3	0	0	0	0	0	0	0	0	0	0 000
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0 000
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0 000
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0 000
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0 000
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0 000
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0 000
10.0+	4	0	1	0	0	0	0	0	0	0	0 000
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=					
STATION 35 42°34'N 125°13'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
PEAK PERIOD(SECONDS)											
0.0-0.9	4.4-6.0	6.1-8.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-16.1	16.2-22.2	22.3- LONGER	0
1.0-1.9	0	0	0	0	0	0	0	0	0	0	0 000
2.0-2.9	1	0	0	0	0	0	0	0	0	0	0 000
3.0-3.9	1	0	0	0	0	0	0	0	0	0	0 000
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0 000
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0 000
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0 000
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0 000
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0 000
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0 000
10.0+	2	0	0	0	0	1	0	0	0	0	3.
TOTAL	2	0	0	0	0	1	0	0	0	0	
MEAN HS(M) =	2.8	LARGEST HS(M)=	3.3	MEAN TP(SEC)=	7.5	NO. OF CASES=					

STATION 35 42°34'N 125°13'W 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	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	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	3.3	MEAN TP(SEC)=	5.8	NO. OF CASES=	3.				

STATION 35 42°34'N 125°13'W 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	.	.	.	.	.	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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1	2	0	0	1	0	0	0	0	0	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	7.2	NO. OF CASES=	4.				

STATION 35 42°34'N 125°13'W 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	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	3	3	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	2.8	MEAN TP(SEC)=	6.3	NO. OF CASES=	4.				

STATION 35 42°34'N 125°13'W 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	13	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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	13	3	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.6	MEAN TP(SEC)=	5.8	NO. OF CASES=	10.				

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	4.6-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.6-	11.7-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
10.0+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
TOTAL	11	24	5	7	0	0	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	3.2	LARGEST HS(M)=	4.8	MEAN TP(SEC)=	7.1	NO. OF CASES=	31.									
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	4.6-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.6-	11.7-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
10.0+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
TOTAL	4	74	90	87	211	110	15	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	5.2	LARGEST HS(M)=	11.1	MEAN TP(SEC)=	10.3	NO. OF CASES=	356.									
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	4.6-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.6-	11.7-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
10.0+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
TOTAL	8	148	486	491	817	916	302	6	0	0	0	0	0	0	0	32
MEAN HS(M) =	5.4	LARGEST HS(M)=	12.4	MEAN TP(SEC)=	11.0	NO. OF CASES=	1870.									
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL			
	4.6-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.6-	11.7-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
2.0-2.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
5.0-5.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
6.0-6.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
7.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
8.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
9.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
10.0+	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100
TOTAL	14	242	978	1143	1945	2992	1612	116	1	0	0	0	0	0	0	0
MEAN HS(M) =	4.6	LARGEST HS(M)=	11.0	MEAN TP(SEC)=	11.6	NO. OF CASES=	5303.									

STATION 35 42°34'N 125°13'W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.6-	10.5-	11.7-	13.3-	13.4-	15.3-	18.1-	22.2-	22.3-	
0.0-0.9	20	5	41	5	376	71	6	.	.	.	.	.	71
1.0-1.9	87	42	152	670	2150	1057	212	32	5	.	.	.	3197
2.0-2.9	6	45	1004	2150	2150	1057	212	32	5	.	.	.	6656
3.0-3.9	.	135	198	410	2150	1057	1146	212	32	.	.	.	5808
4.0-4.9	.	20	244	174	600	1057	1503	212	32	.	.	.	7229
5.0-5.9	.	65	102	102	600	614	1646	212	32	.	.	.	6296
6.0-6.9	.	1	59	59	102	120	626	212	32	.	.	.	1153
7.0-7.9	.	3	17	17	120	120	626	212	32	.	.	.	1153
8.0-8.9	.	1	1	1	120	120	626	212	32	.	.	.	224
9.0-9.9	.	.	.	.	120	120	626	212	32	.	.	.	46
10.0+	.	.	.	.	120	120	626	212	32	.	.	.	14
TOTAL	115	682	3128	3545	5522	9025	6169	749	5	0	.	.	0
MEAN HS(M) =	3.6	LARGEST HS(M) =	9.8	MEAN TP(SEC) =	11.8	NO. OF CASES =	16929.						

STATION 35 42°34'N 125°13'W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.6-	10.5-	11.7-	13.3-	13.4-	15.3-	18.1-	22.2-	22.3-	
0.0-0.9	128	197	123	1	225	990	277	37	.	.	.	.	359
1.0-1.9	182	1398	4280	2252	4907	2893	417	15	.	.	.	.	10077
2.0-2.9	136	218	1251	4163	2130	4342	1574	126	.	.	.	.	15018
3.0-3.9	210	241	537	342	1622	2056	323	.	.	.	.	.	4500
4.0-4.9	8	140	77	56	268	770	313	.	.	.	.	.	1546
5.0-5.9	.	41	68	41	38	162	68	.	.	.	.	.	3500
6.0-6.9	.	1	1	5	1	20	3	.	.	.	.	.	20
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	652	2251	7188	7105	8471	9433	5072	825	0	0	.	.	0
MEAN HS(M) =	2.8	LARGEST HS(M) =	8.4	MEAN TP(SEC) =	10.9	NO. OF CASES =	23972.						

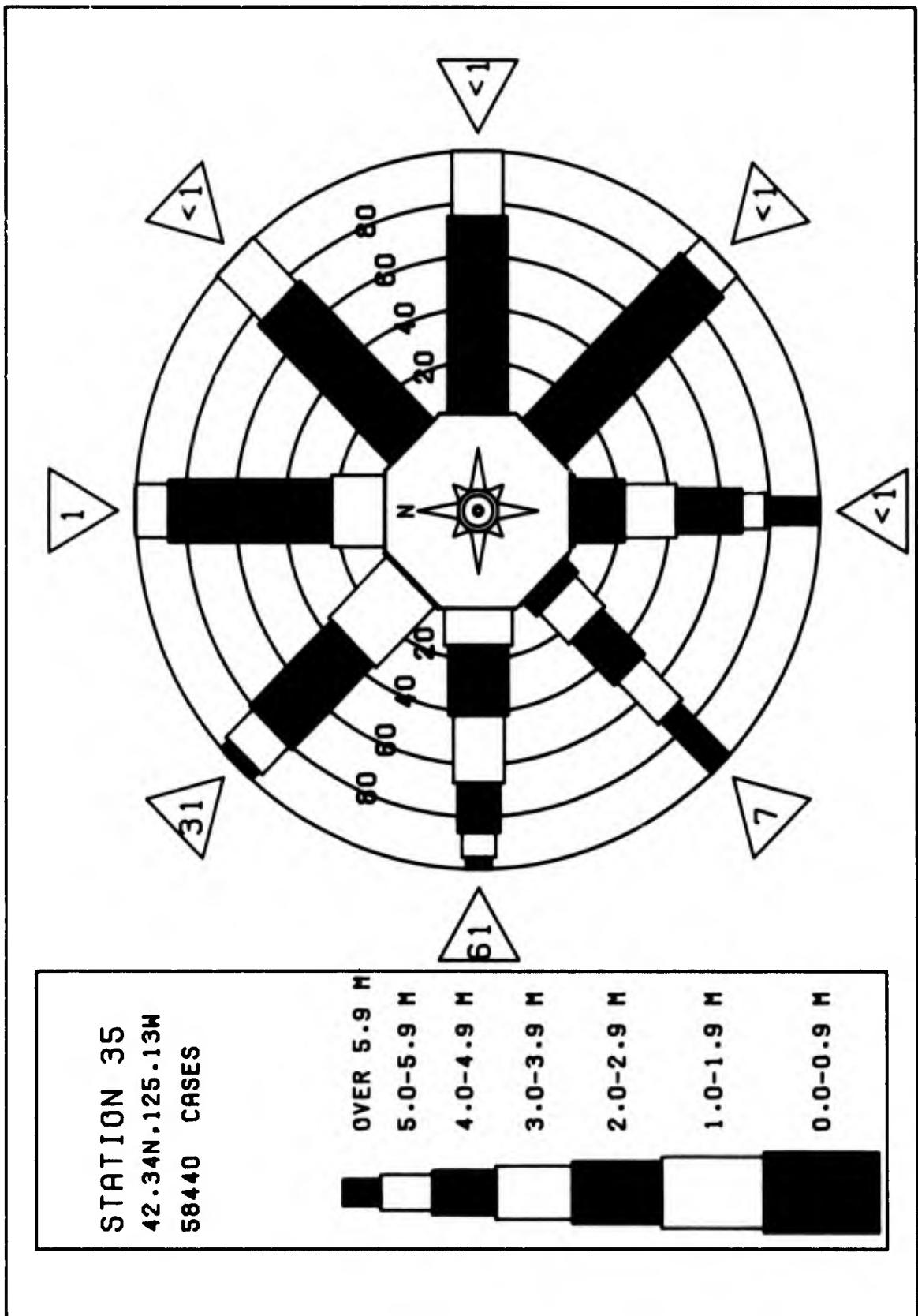
STATION 35 42°34'N 125°13'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.6-	10.5-	11.7-	13.3-	13.4-	15.3-	18.1-	22.2-	22.3-	
0.0-0.9	73	32	11	.	.	.	.	.	.	.	.	.	116
1.0-1.9	1408	1596	1368	308	27	27	6	13	.	.	.	.	6351
2.0-2.9	768	2174	1154	1368	732	186	14	3	.	.	.	.	1673
3.0-3.9	8	465	124	138	423	23	56	15	.	.	.	.	268
4.0-4.9	20	124	30	6	23	56	15	.	.	.	.	.	14
5.0-5.9	.	8	.	.	.	.	.	.	.	.	.	.	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	2257	4287	2899	1873	1276	462	84	19	0	0	.	.	0
MEAN HS(M) =	2.2	LARGEST HS(M) =	5.6	MEAN TP(SEC) =	8.1	NO. OF CASES =	7700.						

STATION 35 42°34'N 125°13'W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0-	8.1-	9.6-	10.5-	11.7-	13.3-	13.4-	15.3-	18.1-	22.2-	22.3-	
0.0-0.9	39	22	20	6	.	.	.	.	.	.	.	.	9
1.0-1.9	545	1507	150	65	18	1	5	.	.	.	.	.	2291
2.0-2.9	8	206	277	15	6	1	5	.	.	.	.	.	516
3.0-3.9	1	32	.	.	.	.	.	.	.	.	.	.	34
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	.	.	2050.
MEAN HS(M) =	2.4	LARGEST HS(M) =	4.6	MEAN TP(SEC) =	6.8	NO. OF CASES =	2050.						

HEIGHT(METRES)	STATION 35 42°34'N 125°13'W PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	16.2-	22.3-	
0.0-0.9	22	14	17								53
1.0-1.9	238	369	779	328	140	36					1895
2.0-2.9	164	446	462	810	809	418					4170
3.0-3.9	4	130	126	142	120	906					1270
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	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						



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	
1956	4.8	5.0	6.3	5.7	5.7	5.6	5.0	4.9	5.0	5.7	5.1	5.9	5.1
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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	5.0
MEAN	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
1956	10.0	7.6	6.7	5.0	4.2	3.8	3.3	3.0	2.8	4.5	4.2	5.3
1957	5.8	5.4	5.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.7
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	10.9	7.5	7.7	5.7	5.0	4.0	3.5	3.2	3.1	2.0	6.0	6.7
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	12.0	7.3	6.9	5.7	4.1	3.5	3.2	3.1	2.0	6.0	6.4	7.4
1975	6.9	7.3	7.5	5.7	4.1	3.5	3.2	3.1	2.0	6.0	6.7	8.4

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 DEGREES) DIRECTION BAND (DEGREES)=
 STANDARD DEVIATION OF HS(METRES)=
 STANDARD DEVIATION OF TP(SECONDS)=
 LARGEST HS(METRES)=
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 226.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 69121121

STATION 36 42.55N 125.74W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.6-	13.4-	15.4-	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+												0
TOTAL	168	736	77	1	0	0	6	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 22.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.6-	13.4-	15.4-	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+												0
TOTAL	23	61	0	0	5	0	1	1	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 45.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.6-	13.4-	15.4-	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+												0
TOTAL	3	4	3	0	0	0	1	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 67.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.6-	13.4-	15.4-	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+												0
TOTAL	1	8	1	0	0	0	1	0	0	0	0	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	7.7	NO. OF CASES=	8.					

HEIGHT(METRES)	STATION 36 42.55N 125.74W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											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.-0.9	0	
1.0-1.9	1	6	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
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	
TOTAL	1	17	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																				
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	.	.	5	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	0
2.0-2.9	.	.	5	.	.	.	.	.	.	.	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	0	10	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																				
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	.	.	6	10	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	10	1	.	.	.	.	.	.	.	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+	.	.	6	11	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
TOTAL	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION																				
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL								
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	.	.	6	10	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
2.0-2.9	.	10	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
3.0-3.9	.	.	5	17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
4.0-4.9	.	.	8	5	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	25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	6	25	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	3.3	LARGEST HS(M)=	5.0	MEAN TP(SEC)=	6.8	NO. OF CASES=	23.													

STATION 36 42° 55'N 125° 74'W 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	.	1	15	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	1	15	23	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16
3.0-3.9	.	23	27	27	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	29
4.0-4.9	.	27	27	20	5	3	.	.	.	1	.	.	.	.	.	.	.	.	.	40
5.0-5.9	.	27	17	20	3	1	.	.	.	.	.	.	.	.	.	.	.	.	.	13
6.0-6.9	.	17	1	20	3	1	.	.	.	.	.	.	.	.	.	.	.	.	.	8
7.0-7.9	.	1	3	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	4
8.0-8.9	.	1	1	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1
9.0-9.9	.	1	1	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1
10.0+	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	1	45	51	36	7	11	1	0	0	0	0	0	0	0	0	0	0	0	0	1
MEAN HS(M) =	4.9	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	8.9	NO. OF CASES=	96.													

STATION 36 42° 55'N 125° 74'W 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	5	13	13	13	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	74
2.0-2.9	61	131	131	134	22	13	15	15	15	15	15	15	15	15	15	15	15	15	15	135
3.0-3.9	27	131	131	134	92	90	100	100	100	100	100	100	100	100	100	100	100	100	100	220
4.0-4.9	1	75	95	100	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	66
5.0-5.9	1	17	10	49	49	49	50	50	50	50	50	50	50	50	50	50	50	50	50	47
6.0-6.9	.	1	1	1	13	13	32	32	32	32	32	32	32	32	32	32	32	32	32	57
7.0-7.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	54
8.0-8.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	21
9.0-9.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10.0+	5	102	273	199	291	199	15	43	1	0	0	0	0	0	0	0	0	0	0	25
TOTAL	5	102	273	199	291	199	15	43	1	0	0	0	0	0	0	0	0	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° 55'N 125° 74'W 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	5	22	75	23	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	156
2.0-2.9	145	106	66	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	506
3.0-3.9	63	297	62	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	297	776
4.0-4.9	.	183	237	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	191	856
5.0-5.9	.	18	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	614
6.0-6.9	.	17	17	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	421
7.0-7.9	.	17	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	155
8.0-8.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	59
9.0-9.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
10.0+	5	230	684	551	879	916	348	10	0	0	0	0	0	0	0	0	0	0	0	35
TOTAL	5	230	684	551	879	916	348	10	0	0	0	0	0	0	0	0	0	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° 55'N 125° 74'W 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	10	35	138	46	10	5	1	.	.	.	.	.	.	.	.	.	.	.	.	1
1.0-1.9	13	104	265	349	242	85	1	.	.	.	.	.	.	.	.	.	.	.	.	244
2.0-2.9	159	850	357	751	631	50	301	.	.	.	.	.	.	.	.	.	.	.	.	1062
3.0-3.9	.	34	323	133	451	934	212	727	646	58	301	.	.	.	.	.	.	.	.	3066
4.0-4.9	.	159	234	112	217	251	251	251	251	251	251	251	251	251	251	251	251	251	251	2176
5.0-5.9	.	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	1983
6.0-6.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	980
7.0-7.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	574
8.0-8.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	171
9.0-9.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	37
10.0+	23	332	1031	1224	2018	2891	1660	11	123	3	0	0	0	0	0	0	0	0	0	11
TOTAL	23	332	1031	1224	2018	2891	1660	11	123	3	0	0	0	0	0	0	0	0	0	5452.
MEAN HS(M) =	4.6	LARGEST HS(M)=	11.4	MEAN TP(SEC)=	11.5	NO. OF CASES=	5452.													

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	18	6	15	1	292	49	.	.	.	.	.	40
1.0-1.9	22	390	1360	540	1875	905	124	23	3	.	.	2717
2.0-2.9	.	157	1042	2123	2099	3194	1101	58	.	.	.	6274
3.0-3.9	.	174	189	477	136	641	3338	1974	80	.	.	7292
4.0-4.9	.	32	309	118	77	843	1825	212	.	.	.	72510
5.0-5.9	.	.	112	118	138	160	698	231	.	.	.	6328
6.0-6.9	.	.	8	77	78	160	699	231	.	.	.	1252
7.0-7.9	.	.	.	3	32	18	99	94	.	.	.	246
8.0-8.9	.	.	.	3	15	35	6	.	.	.	.	59
9.0-9.9	.	.	.	.	5	8	1	.	.	.	.	14
10.0+	TOTAL	117	759	3035	3484	5158	8527	5867	705	3	0	13
MEAN HS(M) =	3.7	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	11.7	NO. OF CASES=	16179.					

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	99	77	106	1	234	34	.	.	.	.	.	283
1.0-1.9	468	1081	3947	1729	742	2511	754	15	.	.	.	8122
2.0-2.9	159	634	2103	3868	4681	4125	1471	106	.	.	.	8961
3.0-3.9	259	249	530	2181	391	1796	1923	239	.	.	.	4617
4.0-4.9	.	17	159	92	71	331	628	328	.	.	.	1703
5.0-5.9	.	.	80	65	46	77	220	92	.	.	.	400
6.0-6.9	.	.	25	1	1	1	47	.	.	.	.	54
7.0-7.9	.	.	1	1	1	1	6	.	.	.	.	8
8.0-8.9	.	.	.	1	1	1	1	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	TOTAL	726	2108	6644	6311	7919	9075	4883	780	0	0	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	8.6	MEAN TP(SEC)=	11.0	NO. OF CASES=	22483.					

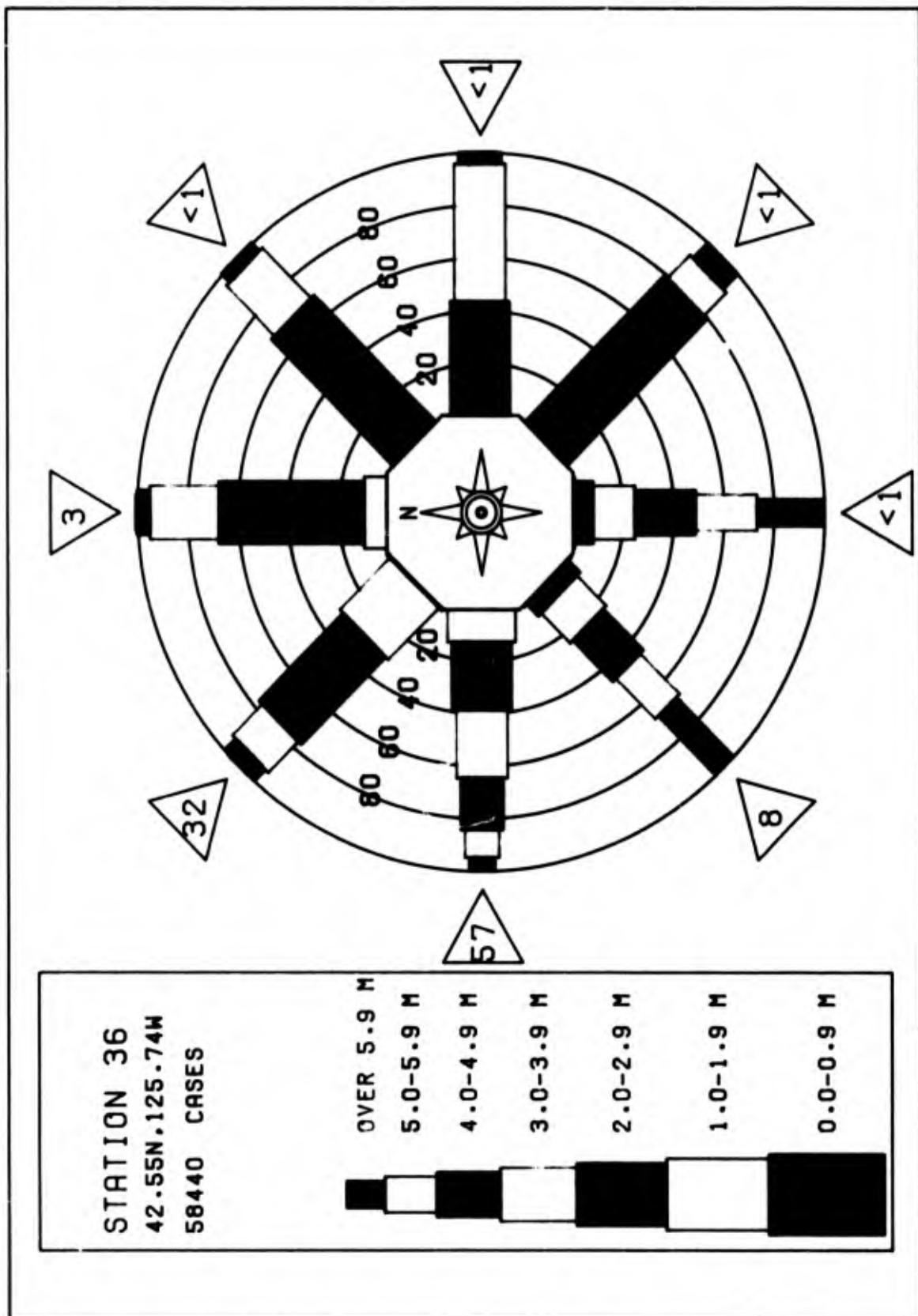
STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	78	15	3	311	73	34	.	6	.	.	.	96
1.0-1.9	1344	1208	1141	311	758	37	10	6	.	.	.	6117
2.0-2.9	1043	2351	956	1411	463	393	63	5	.	.	.	6152
3.0-3.9	737	95	131	131	17	104	63	1	.	.	.	1007
4.0-4.9	.	49	113	5	.	.	22	.	.	.	.	336
5.0-5.9	.	1	18	5	.	.	1	.	.	.	.	46
6.0-6.9	.	.	.	.	.	.	1	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	TOTAL	2465	4361	2346	1863	1311	628	123	12	0	0	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	6.1	MEAN TP(SEC)=	8.1	NO. OF CASES=	7671.					

STATION 36 42.55N 125.74W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	6	6	1	.	.	.	.	.	.	.	.	12
1.0-1.9	537	208	20	1	.	.	.	.	.	.	.	766
2.0-2.9	574	2446	66	83	41	1	5	.	.	.	.	1013
3.0-3.9	.	905	65	3	25	5	10	13	.	.	.	161
4.0-4.9	.	34	124	11	5	6	13	.	.	.	.	0
5.0-5.9	.	.	10	5	.	1	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	TOTAL	1117	3599	287	103	69	13	28	0	0	0	3057.
MEAN HS(M) =	2.6	LARGEST HS(M)=	5.8	MEAN TP(SEC)=	6.7	NO. OF CASES=						

HEIGHT(METRES)	STATION 36 42°55'N 125°74'W 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	20	10	12								42
1.0-1.9	250	293	661	263	111	32	3	.	.	.	1613
2.0-2.9	197	626	453	266	742	301	40	4	.	.	1612
3.0-3.9	.	205	90	150	564	642	272	17	.	.	1553
4.0-4.9	.	29	156	30	166	634	420	80	.	.	1454
5.0-5.9	.	.	66	77	70	208	340	55	.	.	815
6.0-6.9	.	.	6	40	68	68	136	45	.	.	125
7.0-7.9	.	.	4	39	60	46	15	15	.	.	125
8.0-8.9	.	.	.	7	21	13	4	1	.	.	63
9.0-9.9	.	.	.	.	4	4	1	.	.	.	12
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=					



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 36 (42.55N 125.74W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1955	5.0	4.0	4.2	3.1	2.8	2.5	2.2	2.0	1.9	2.8	3.2	4.0	3.2
1956	3.3	3.0	3.9	2.6	2.4	1.9	2.0	1.9	2.2	2.2	4.0	5.3	3.1
1957	3.4	3.5	4.0	3.9	3.4	1.9	2.3	1.9	2.5	2.1	4.2	4.7	3.1
1958	2.7	3.0	3.6	3.9	3.5	2.0	2.4	2.0	2.5	2.1	3.7	4.4	2.7
1959	2.7	3.0	3.6	3.9	3.5	2.0	2.4	2.0	2.5	2.1	3.8	4.6	2.9
1960	2.6	3.0	3.5	3.9	3.5	2.0	2.4	2.0	2.5	2.3	3.9	4.2	2.9
1961	2.6	3.0	3.5	3.9	3.5	2.0	2.4	2.0	2.5	2.1	4.0	4.5	2.9
1962	2.6	3.0	3.5	3.9	3.5	2.0	2.4	2.0	2.5	2.1	4.0	4.5	2.9
1963	2.6	3.0	3.5	3.9	3.5	2.0	2.4	2.0	2.5	2.1	4.4	4.4	2.9
1964	2.9	3.7	3.7	3.9	3.2	2.4	2.4	2.1	1.6	2.4	4.4	4.4	3.0
1965	2.5	3.3	3.7	3.0	3.2	2.6	2.8	2.1	1.6	2.4	3.6	3.9	2.5
1966	2.5	3.5	4.0	4.2	3.9	2.9	2.9	2.2	1.6	2.5	3.6	4.6	3.0
1967	2.5	3.5	4.0	4.2	3.9	2.9	2.9	2.2	1.6	2.5	3.4	4.1	3.0
1968	2.9	4.6	4.0	3.9	3.9	2.9	2.9	2.2	1.6	2.9	3.4	4.1	3.0
1969	2.9	4.4	4.0	3.8	3.8	2.9	2.9	2.2	1.6	2.9	4.2	4.3	3.0
1970	2.9	4.8	4.1	3.7	3.8	2.9	2.9	2.2	1.6	2.9	4.2	4.5	3.0
1971	2.9	4.8	4.4	3.7	3.8	2.9	2.9	2.2	1.6	2.9	4.2	4.5	3.0
1972	2.9	4.9	4.3	4.0	3.8	2.9	2.9	2.2	1.6	2.9	4.2	4.5	3.0
1973	2.9	4.4	4.7	3.4	3.1	2.9	2.9	2.2	1.6	2.9	4.2	4.4	3.0
1974	2.9	4.6	4.7	3.9	3.1	2.9	2.9	2.2	1.6	2.9	4.2	4.1	3.0
1975	4.0	4.0	3.7	2.6	2.5	2.0	1.9	1.9	1.3	3.4	4.1	4.1	3.0
MEAN	4.7	4.3	3.9	3.3	2.6	2.3	2.1	2.0	2.2	3.2	4.2	4.9	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 36 (42.55N 125.74W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1955	9.3	7.3	7.0	5.1	4.1	4.3	3.7	3.6	2.9	4.7	4.4	5.9
1956	8.9	8.9	5.6	4.4	3.9	4.0	4.0	4.0	4.9	5.3	6.0	8.0
1957	8.8	7.7	6.8	7.6	4.1	4.0	4.0	4.4	3.4	5.2	6.1	7.3
1958	8.7	6.2	5.7	5.8	3.9	3.9	3.9	4.4	4.5	5.5	6.1	7.4
1959	8.4	9.3	6.1	4.7	3.8	3.8	3.7	4.4	3.5	6.0	6.3	7.5
1960	8.4	9.3	6.3	5.8	3.5	3.5	3.5	4.4	4.1	5.8	6.3	7.5
1961	9.0	6.8	6.3	5.8	3.5	3.5	3.5	4.9	4.1	5.8	6.3	7.5
1962	6.2	6.5	5.0	5.3	3.1	3.4	3.3	3.0	5.3	7.2	7.6	10.3
1963	7.7	7.9	7.1	4.3	4.4	4.1	4.5	4.5	3.1	8.4	6.1	8.8
1964	10.1	5.4	6.8	5.8	5.3	4.5	4.5	4.5	3.6	4.3	6.5	10.3
1965	6.9	5.2	4.9	4.5	4.5	4.5	4.5	4.7	4.1	6.0	8.7	9.5
1966	9.4	6.0	6.2	4.7	4.6	4.2	4.2	4.2	4.4	4.7	6.0	8.5
1967	7.9	4.9	5.9	4.5	4.5	4.2	4.2	4.2	4.4	6.4	6.3	9.3
1968	9.8	8.1	6.0	6.0	4.9	4.9	4.9	4.9	4.7	5.2	8.8	12.7
1969	7.0	8.5	6.0	6.0	4.9	4.9	4.9	4.9	4.4	6.4	6.9	8.9
1970	9.2	7.0	6.1	5.1	5.7	4.1	4.1	4.0	4.8	6.1	7.1	10.5
1971	10.9	6.7	6.1	5.1	4.9	3.1	3.1	4.0	4.7	4.8	6.1	7.5
1972	10.6	7.2	6.3	6.6	3.9	3.9	3.9	5.0	3.3	5.1	6.5	10.5
1973	9.1	6.7	6.4	5.1	4.9	4.9	4.5	3.3	4.3	4.4	8.3	10.1
1974	12.7	7.2	9.9	6.1	4.9	4.7	4.4	3.3	3.4	5.5	6.6	7.2
1975	6.8	7.8	7.6	3.7	4.1	4.5	3.3	3.0	2.4	6.7	7.4	9.0

20 YR. STATISTICS FOR PACIFIC STATION 36 (42.55N 125.74W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.3
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 1ST FREQUENT 22.5(CENTERED) DIRECTION BAND (DEGREES)= 252.5
 STANDARD DEVIATION OF HS(METRES)= 1.5
 STANDARD DEVIATION OF TP(SECONDS)= 2.6
 LARGEST HS(METRES)= 12.7
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 211.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 74011515

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9												0
1.0-1.9	53	6	.	.	.	.	.	.	.	.	.	53
2.0-2.9	224	24	5	1	1	1	1	1	1	1	1	326
3.0-3.9	.	14	13	1	1	1	1	1	1	1	1	129
4.0-4.9	.	15	11	.	.	.	.	.	.	.	.	12
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	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	148	359	29	2	1	0	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9												0
1.0-1.9	3	.	.	.	.	.	.	.	.	.	.	25
2.0-2.9	1	17	5	.	.	.	.	.	.	.	.	11
3.0-3.9	1	10	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	28	5	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	
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+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	5	0	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=	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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	.	i	.	.	.	.	.	.	.	.	.	4
3.0-3.9	i	.	.	.	.	.	.	.	.	.	.	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	i	i	0	0	0	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=	2.					

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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
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 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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
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	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	0
1.0-1.9	.	i	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+	.	1	6	0	0	0	0	0	0	0	0
TOTAL	1	6	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
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+	.	20	1	0	0	1	0	0	0	0	0
TOTAL	20	1	0	0	1	0	0	0	0	0	0
MEAN HS(M) = 2.3	LARGEST HS(M)= 2.6	MEAN TP(SEC)= 6.1	NO. OF CASES= 14.								

STATION 37 42° 9'N 125° 48'W 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	
0.0-0.9											0
1.0-1.9											3
2.0-2.9											15
3.0-3.9											31
4.0-4.9											36
5.0-5.9											55
6.0-6.9											50
7.0-7.9											50
8.0-8.9											30
9.0-9.9											30
TOTAL	8	23	19	16	9	0	0	0	0	0	0
MEAN HS(M) =	4.1	LARGEST HS(M)=	8.2	MEAN TP(SEC)=	8.2	NO. OF CASES=	47.				

STATION 37 42° 9'N 125° 48'W 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	
0.0-0.9											0
1.0-1.9											1
2.0-2.9											29
3.0-3.9											102
4.0-4.9											102
5.0-5.9											205
6.0-6.9											131
7.0-7.9											102
8.0-8.9											48
9.0-9.9											24
TOTAL	4	56	138	143	250	177	25	0	0	0	9
MEAN HS(M) =	5.6	LARGEST HS(M)=	12.4	MEAN TP(SEC)=	10.5	NO. OF CASES=	475.				

STATION 37 42° 9'N 125° 48'W 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	
0.0-0.9											0
1.0-1.9											13
2.0-2.9											127
3.0-3.9	10	13	13	99	106	65	15	6	51	1	412
4.0-4.9				35	241	162	171	127	42		800
5.0-5.9					107	213	254	198	63		834
6.0-6.9					13	85	229	236	80	6	649
7.0-7.9						6	97	200	82		385
8.0-8.9						18	83	200	82		130
9.0-9.9							34	200	82		129
TOTAL	10	147	555	518	874	981	340	6	0	0	28
MEAN HS(M) =	5.5	LARGEST HS(M)=	12.8	MEAN TP(SEC)=	11.0	NO. OF CASES=	2020.				

STATION 37 42° 9'N 125° 48'W 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	
0.0-0.9											1
1.0-1.9	8	39	183	27	6	3					266
2.0-2.9	11	85	157	414	225	80	6				1105
3.0-3.9		160	157	316	838	660	63				2195
4.0-4.9		27	137	155	524	987	319				2116
5.0-5.9		1	130	224	528	791	663	16			2066
6.0-6.9			8	62	224	363	463	20			1159
7.0-7.9				18	99	205	287	71			680
8.0-8.9					11	100	63	25			199
9.0-9.9						17	6	10			33
TOTAL	19	312	1100	1236	2179	3186	1885	138	0	0	15
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER			
0.-0.9	18	15	15									48
1.0-1.9	87	441	1493	634	373	42						3075
2.0-2.9	17	142	1182	2397	2077	1069	160	22				7066
3.0-3.9	.	155	1501	516	2289	4547	1130	55				7656
4.0-4.9	.	30	296	150	734	4536	2239	66				7051
5.0-5.9	.	100	118	140	1016	1906	203					3482
6.0-6.9	.	1	70	90	179	744	201					1285
7.0-7.9	.	.	10	37	15	119	65					246
8.0-8.9	.	.	.	1	11	42	1					55
9.0-9.9	.	.	.	.	3	6						9
10.0+	TOTAL	122	703	3273	3895	5741	9192	6353	616	0	0	1
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER			
0.-0.9	80	73	150	11	778	299	34	.	.	.	.	314
1.0-1.9	504	1201	4301	1832	4365	2296	426	25	.	.	.	9009
2.0-2.9	143	560	253	4053	2323	4113	1301	104	3	.	.	14292
3.0-3.9	.	253	1590	629	301	1905	1214	244	.	.	.	9077
4.0-4.9	.	16	1590	56	301	388	734	244	.	.	.	4467
5.0-5.9	.	47	59	61	388	734	244	.	.	.	.	1538
6.0-6.9	.	.	17	46	70	210	53	.	.	.	.	396
7.0-7.9	.	.	3	5	.	42	.	.	.	.	.	50
8.0-8.9	.	.	.	.	.	6	.	.	.	.	.	6
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	TOTAL	727	2210	7289	6660	7960	9068	4557	675	3	0	.
MEAN HS(M) =	2.8	LARGEST HS(M) =	8.2	MEAN TP(SEC) =	10.9	NO. OF CASES =	22894.					

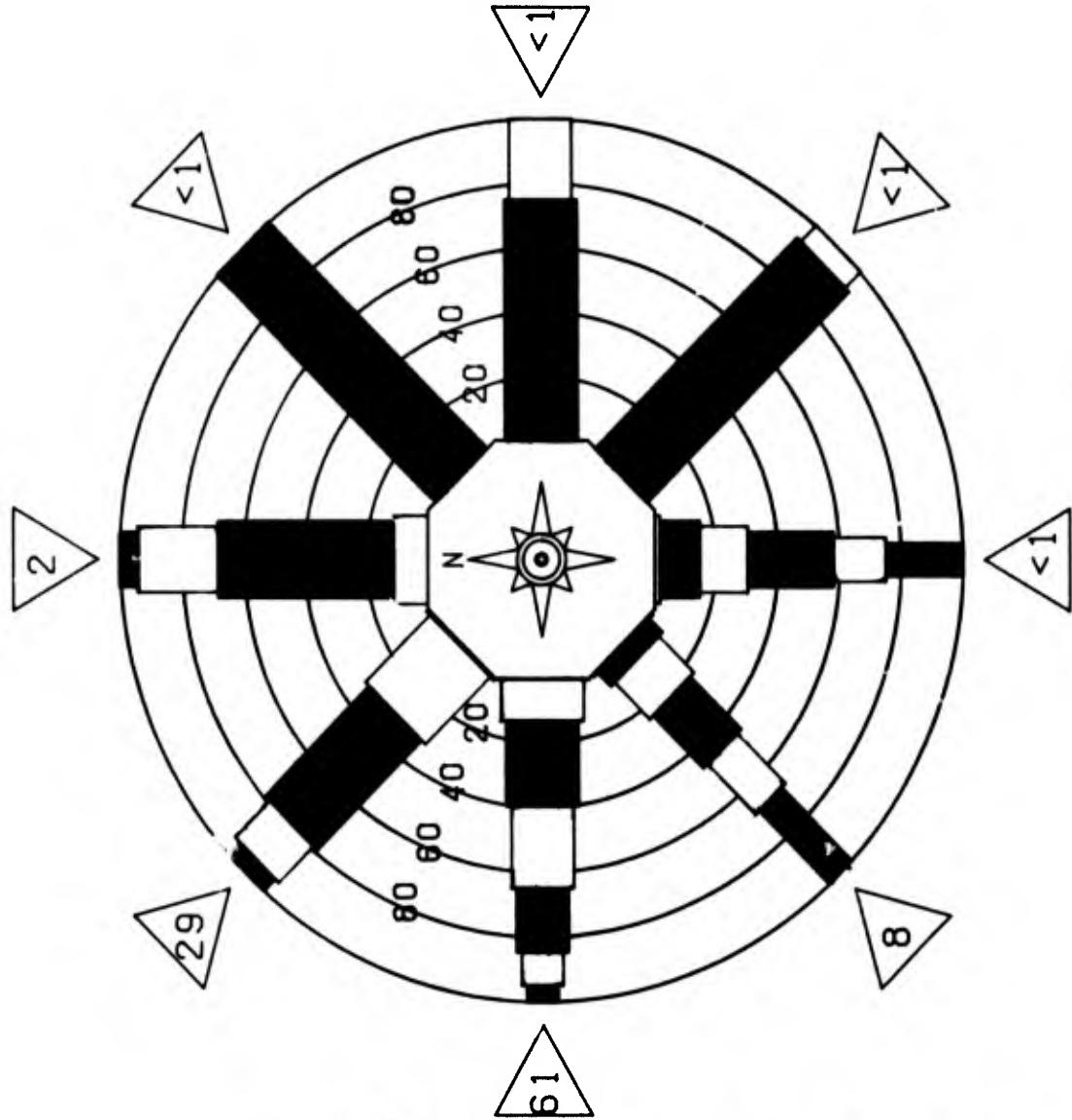
STATION 37 42.96N 125.48W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER			
0.-0.9	35	13	5									53
1.0-1.9	1300	1149	934	256	47	15	6	.	.	.	.	3707
2.0-2.9	958	2439	973	1100	609	92	15	.	.	.	.	6265
3.0-3.9	.	662	83	111	422	239	47	5	.	.	.	1576
4.0-4.9	.	37	124	11	11	83	23	.	.	.	.	289
5.0-5.9	.	.	8	5	.	1	18	.	.	.	.	32
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	TOTAL	2293	4306	2127	1563	1089	430	103	11	0	0	0
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

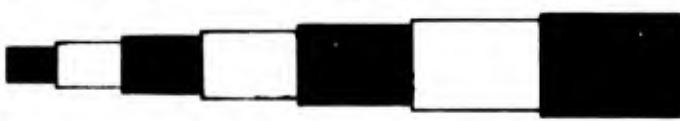
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER			
0.-0.9	10											10
1.0-1.9	303	143	6	.	1	.	.	.	.	.	.	568
2.0-2.9	465	1600	37	35	10	5	3	.	.	.	.	2355
3.0-3.9	.	665	47	6	8	.	11	.	.	.	.	737
4.0-4.9	.	34	92	13	1	.	3	.	.	.	.	141
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	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.					

HEIGHT(METRES)	STATION 37 42° 96'N 125° 48'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	14	10	17	1								42
1.0-1.9	236	298	699	275	120	31	4					1667
2.0-2.9	174	541	489	809	731	155	61	4				164
3.0-3.9		217	108	166	509	155	205	16				169
4.0-4.9			21	133	59	184	734	31				1510
5.0-5.9				41	59	63	734	46				615
6.0-6.9					48	59	89	150				62
7.0-7.9					3	27	55	153	13			143
8.0-8.9						4	48	14	12			42
9.0-9.9							22	14	1			12
10.0+							7	6	1			5
TOTAL	424	1087	1470	1409	1811	2302	1327	141	0	0		
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

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	C.0-0.9 M
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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	
1956	5.0	4.0	4.2	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1957	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1958	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1959	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1960	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1961	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1962	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1963	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1964	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1965	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1966	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1967	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1968	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1969	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1970	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1971	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1972	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1973	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1974	5.0	4.0	4.0	3.0	2.5	2.5	2.1	2.0	1.9	2.0	2.3	4.1	4.1
1975	4.1	4.0	3.7	2.6	2.6	1.9	1.9	1.8	1.3	3.4	4.3	4.3	3.0
MEAN	4.7	4.3	3.9	3.3	2.6	2.2	2.1	1.9	2.2	3.2	4.2	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	
1956	9.5	7.3	7.0	5.3	4.0	4.0	3.4	3.4	2.9	2.7	2.9	6.3	
1957	6.7	8.2	5.6	4.5	3.0	3.0	2.7	2.7	2.6	2.6	2.9	7.4	
1958	8.8	7.7	5.4	7.0	4.0	4.0	3.6	3.6	3.6	3.6	3.6	7.4	
1959	8.4	7.8	5.4	4.4	3.7	3.7	3.4	3.4	3.4	3.4	3.4	7.4	
1960	8.2	9.4	5.4	4.2	3.5	3.5	3.1	3.1	3.1	3.1	3.1	7.4	
1961	6.5	6.0	3.0	4.2	2.7	2.7	2.4	2.4	2.4	2.4	2.4	10.0	
1962	6.3	6.0	3.0	4.2	2.7	2.7	2.4	2.4	2.4	2.4	2.4	10.0	
1963	7.4	7.9	7.4	4.2	3.7	3.7	3.4	3.4	3.4	3.4	3.4	10.0	
1964	10.0	5.5	5.4	4.4	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1965	6.7	5.5	5.4	4.4	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1966	9.4	5.9	6.1	4.5	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1967	8.0	4.7	5.0	4.1	4.1	4.1	3.7	3.7	3.7	3.7	3.7	10.0	
1968	9.4	8.1	5.0	4.1	4.1	4.1	3.7	3.7	3.7	3.7	3.7	10.0	
1969	7.1	7.7	6.0	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1970	9.1	6.9	6.0	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1971	10.9	6.7	6.3	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1972	10.9	7.1	6.3	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1973	8.4	6.2	6.3	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1974	12.4	7.2	6.7	4.2	4.2	4.2	3.7	3.7	3.7	3.7	3.7	10.0	
1975	6.7	7.4	7.5	4.9	4.1	4.1	3.7	3.7	3.7	3.7	3.7	10.0	

20 YR. STATISTICS FOR PACIFIC STATION 37 (42.96N 125.48W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.7
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(ENTEP) DIRECTION BAND (DEGREES)= 292
 STANDARD DEVIATION OF HS(METRES)= 1.1
 STANDARD DEVIATION OF TP(SECONDS)= 0.0
 LARGEST HS(METRES)= 14.3
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 225.0
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 69121121
 DATE OF LARGEST HS OCCURRLICE IS(YR,MO,DA,HR)=

STATION 38 43°37'N 125°21'W AZIMUTH(DEGREES) = 0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	35	135	.	.	.	.	.	.	.	.	189	35
2.0-2.9	47	134	3	1	5	1	1	3	.	.	53	53
3.0-3.9	.	1	1	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	82	180	5	1	6	1	4	0	0	0	0	0

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.2 MEAN TP(SEC)= 6.5 NO. OF CASES= 168.

STATION 38 43°37'N 125°21'W AZIMUTH(DEGREES) = 22.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	1	11	3	1	1	.	1	.	.	.	20	0
2.0-2.9	1	6	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	4	17	3	1	1	0	2	0	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°37'N 125°21'W AZIMUTH(DEGREES) = 45.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	0	0
1.0-1.9	1	0	.	.	.	.	.	1	.	.	1	1
2.0-2.9	0	0
3.0-3.9	0	0
4.0-4.9	0	0
5.0-5.9	0	0
6.0-6.9	0	0
7.0-7.9	0	0
8.0-8.9	0	0
9.0-9.9	0	0
TOTAL	1	0	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°37'N 125°21'W AZIMUTH(DEGREES) = 67.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	0	0
1.0-1.9	0	0
2.0-2.9	0	0
3.0-3.9	0	0
4.0-4.9	0	0
5.0-5.9	0	0
6.0-6.9	0	0
7.0-7.9	0	0
8.0-8.9	0	0
9.0-9.9	0	0
TOTAL	0	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-	8.1-	9.5-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
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+	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) = 2.3	LARGEST HS(M)= 2.6	MEAN TP(SEC)= 5.5	NO. OF CASES= 2.								

STATION 38 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-	8.1-	9.5-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
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+	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) = 2.3	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-	8.1-	9.5-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	1	.	.	.	.	.	.	.	.	7
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	0	0	0	0	0	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-	8.1-	9.5-	10.6-	11.7-	13.3-	15.3-	18.1-	22.2-	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	20	3	.	.	.	.	.	.	.	.	23
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	3	0	0	0	0	0	0	0	0	0
TOTAL	20	3	0	0	0	0	0	0	0	0	0
MEAN HS(M) = 2.3	LARGEST HS(M)= 2.5	MEAN TP(SEC)= 5.7	NO. OF CASES= 14.								

STATION 38 43° 37'N 125° 21'W 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-	16.1	16.2-	22.2	22.3-	LONGER
0.0-0.9																				0
0.0-1.9																				1
0.0-2.9																				1
0.0-3.9																				1
0.0-4.9																				1
0.0-5.9																				1
0.0-6.9																				1
0.0-7.9																				1
0.0-8.9																				1
0.0-9.9																				1
TOTAL	11	3	8	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	3.2	LARGEST HS(M) =	4.5	MEAN TP(SEC) =	7.7	NO. OF CASES =	20.													

STATION 38 43° 37'N 125° 21'W 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-	16.1	16.2-	22.2	22.3-	LONGER
0.0-0.9																				0
0.0-1.9																				2
0.0-2.9																				2
0.0-3.9																				1
0.0-4.9																				1
0.0-5.9																				1
0.0-6.9																				1
0.0-7.9																				1
0.0-8.9																				1
0.0-9.9																				1
TOTAL	5	29	42	73	140	77	29	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	5.3	LARGEST HS(M) =	9.6	MEAN TP(SEC) =	10.7	NO. OF CASES =	242.													

STATION 38 43° 37'N 125° 21'W 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-	16.1	16.2-	22.2	22.3-	LONGER
0.0-0.9																				0
0.0-1.9																				1
0.0-2.9																				1
0.0-3.9																				1
0.0-4.9																				1
0.0-5.9																				1
0.0-6.9																				1
0.0-7.9																				1
0.0-8.9																				1
0.0-9.9																				1
TOTAL	12	74	406	408	922	972	276	8	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	5.5	LARGEST HS(M) =	12.3	MEAN TP(SEC) =	11.2	NO. OF CASES =	1811.													

STATION 38 43° 37'N 125° 21'W 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-	16.1	16.2-	22.2	22.3-	LONGER
0.0-0.9																				0
0.0-1.9																				1
0.0-2.9																				1
0.0-3.9																				1
0.0-4.9																				1
0.0-5.9																				1
0.0-6.9																				1
0.0-7.9																				1
0.0-8.9																				1
0.0-9.9																				1
TOTAL	14	270	1008	1236	2267	3337	1994	127	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.7	LARGEST HS(M) =	10.8	MEAN TP(SEC) =	11.7	NO. OF CASES =	6008.													

STATION 38 43°37'N 125°21'W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	18	20	10								69
1.0-1.9	94	458	1683	722	335	1					3324
2.0-2.9	17	124	1237	2465	2257	1079	195	14			3387
3.0-3.9	.	140	181	603	2416	1507	1550	90			6157
4.0-4.9	.	23	275	154	853	1726	2349	97			7477
5.0-5.9	.	1	71	106	183	1165	2015	164			5725
6.0-6.9	.	.	1	66	77	229	799	169			1361
7.0-7.9	.	.	8	34	17	152	54				265
8.0-8.9	.	.	1	.	8	15	1				47
9.0-9.9	.	.	.	.	1	.					17
TOTAL	129	766	3458	4124	6158	9765	6810	579	0	0	0
MEAN HS(M) =	3.6	LARGEST HS(M)=	9.9	MEAN TP(SEC)=	11.7	NO. OF CASES=	18594.				

STATION 38 43°37'N 125°21'W AZIMUTH(DEGREES) = 292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	66	65	142	20							293
1.0-1.9	544	1254	4827	2129	893	263	38	.			9926
2.0-2.9	123	633	2577	4072	4445	2431	419	27			14727
3.0-3.9	.	220	253	610	2310	3985	1433	107	5		8933
4.0-4.9	.	22	111	89	366	1981	1743	307			4666
5.0-5.9	.	51	48	48	42	424	215	207			1515
6.0-6.9	.	1	1	41	71	215	54				398
7.0-7.9	.	.	1	1	1	42	.				46
8.0-8.9	.	.	.	.	5	.					5
9.0-9.9	.	.	.	.	.	.					0
TOTAL	733	2194	7962	6963	8125	9154	4631	692	5	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	8.2	MEAN TP(SEC)=	10.8	NO. OF CASES=	23658.				

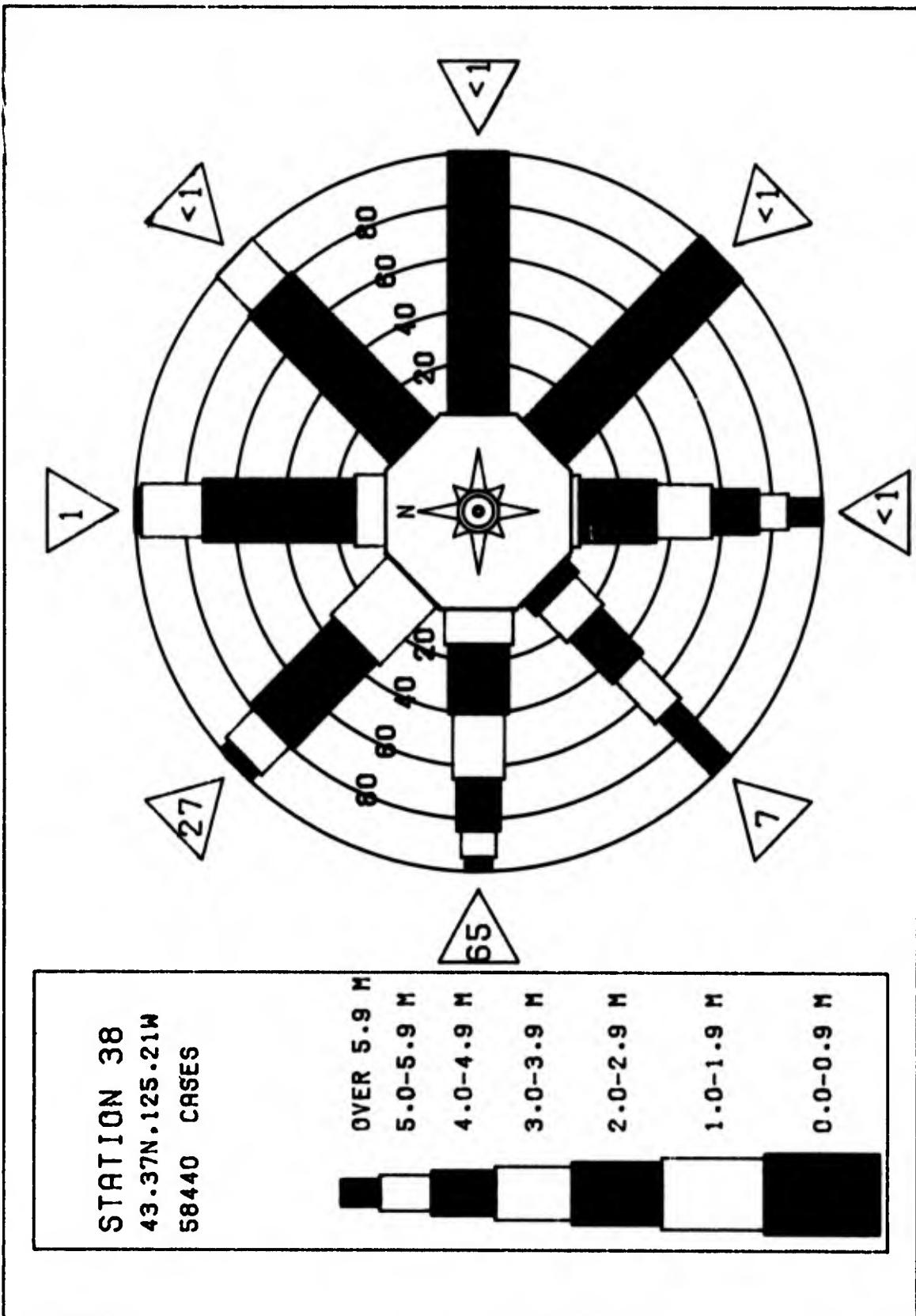
STATION 38 43°37'N 125°21'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	29	1	11								61
1.0-1.9	1190	1043	808	319	59	11	.	.	.		3401
2.0-2.9	971	2123	992	1002	496	170	11	11	.		5621
3.0-3.9	559	77	109	349	195	20	8	1	.		219
4.0-4.9	34	83	18	5	61	8	8	1	.		12
5.0-5.9	.	3	.	.	1	.	.	.	.		6
6.0-6.9	.	.	.	.	.	.	.	.	.		0
7.0-7.9	.	.	.	.	.	.	.	.	.		0
8.0-8.9	.	.	.	.	.	.	.	.	.		0
9.0-9.9	.	.	.	.	.	.	.	.	.		0
TOTAL	2161	3770	1978	1448	909	338	47	12	0	0	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	5.5	MEAN TP(SEC)=	7.8	NO. OF CASES=	6243.				

STATION 38 43°37'N 125°21'W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	17		1	1	.	.	.	.	.	.	17
1.0-1.9	355	1267	20	13	20	3	1	.	.		645
2.0-2.9	385	494	49	6	11	3	1	.	.		1707
3.0-3.9	.	32	49	.	.	.	.	.	.	.	553
4.0-4.9	.	.	.	.	.	.	.	.	.	.	67
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	757	1881	111	21	31	6	2	0	0	0	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	4.9	MEAN TP(SEC)=	6.5	NO. OF CASES=	1649.				

HEIGHT(METRES)	STATION 38 43°37'N 125°21'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2			
0.-0.9												40
1.0-1.9	13	9	16	2								1740
2.0-2.9	220	288	751	319	129	30	3					3101
3.0-3.9	161	439	516	568	754	363	64	4				1664
4.0-4.9	.	168	91	171	601	837	277	18				1665
5.0-5.9	.	15	94	67	201	697	248	40				1666
6.0-6.9	.	.	28	52	105	260	340	40				1667
7.0-7.9	.	.	.	16	48	107	161	24				1668
8.0-8.9	.	.	.	2	14	46	60	12				1669
9.0-9.9	.	.	.	.	2	17	16	1				1670
10.0+	.	.	.	.	.	4	6	1				1671
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							



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 38 (43.37N 125.21W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.0	4.0	4.2	3.9	3.8	3.5	3.9	3.9	3.9	3.0	3.7	4.9	3.8
1957	4.4	4.4	4.4	4.0	4.4	4.0	4.0	4.0	4.0	3.0	4.4	4.9	4.0
1958	4.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1959	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1960	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1961	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1962	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1963	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1964	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1965	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1966	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1967	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1968	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1969	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1970	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1971	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1972	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1973	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1974	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1975	4.1	3.9	3.6	2.7	2.6	1.9	1.9	1.0	1.3	3.5	4.4	4.2	3.0
MEAN	4.7	4.3	3.9	3.3	2.5	2.2	2.1	1.9	2.2	3.2	4.3	4.9	

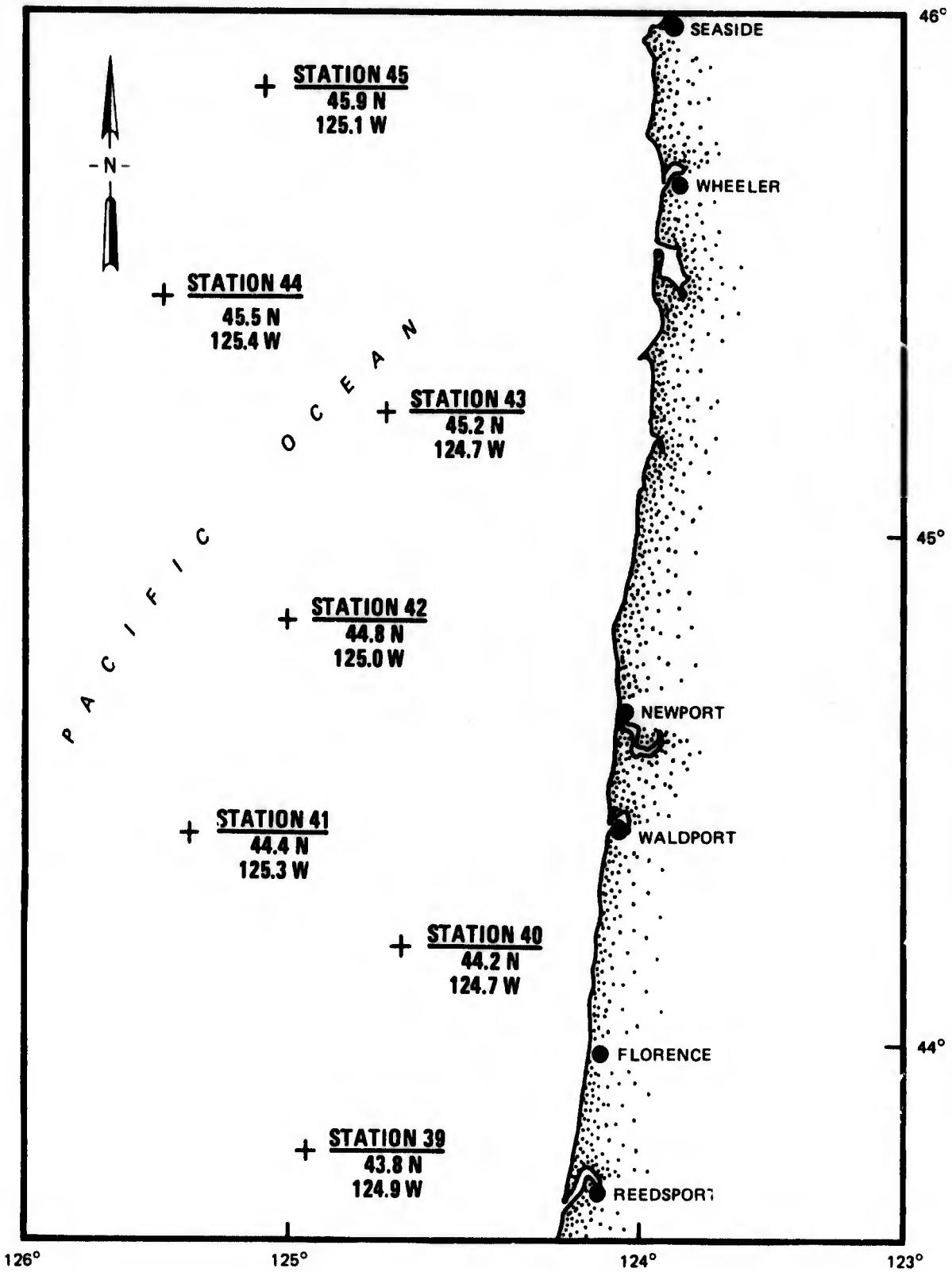
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 38 (43.37N 125.21W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	9.4	7.1	7.0	5.6	4.3	3.8	3.8	3.1	2.9	4.8	4.5	6.6
1957	10.7	8.0	6.4	7.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
1958	10.1	7.6	6.4	5.9	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
1959	8.3	7.4	5.9	5.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
1960	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
1961	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
1962	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
1963	7.0	7.3	5.2	4.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
1964	9.9	5.6	4.6	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
1965	6.8	5.4	4.6	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
1966	6.8	5.6	4.6	4.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
1967	6.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
1968	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
1969	8.8	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
1970	10.0	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
1971	10.0	7.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1972	10.0	7.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1973	10.0	7.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1974	12.3	7.1	9.0	6.1	4.8	4.4	2.9	2.9	2.1	3.7	7.4	7.3
1975	6.6	8.1	7.1	4.0	4.0	3.4	2.6	2.9	2.1	3.7	7.4	6.0

20 YR. STATISTICS FOR PACIFIC STATION 38 (43.37N 125.21W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.7
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 2.9
 STANDARD DEVIATION OF TP(SECONDS)= 1.7
 LARGEST HS(METRES)= 16.7
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 215.0
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 74011518
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)

APPENDIX F: STA 39 THROUGH 45



HEIGHT(METRES)	STATION 39 43.78N 124.94W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	20	44	11	3	6	3	3	0	0	0	0
1.0-1.9	15	11	3	6	3	3	3	0	0	0	0
2.0-2.9	.	11	3	6	3	3	3	0	0	0	0
3.0-3.9	.	11	3	6	3	3	3	0	0	0	0
4.0-4.9	.	11	3	6	3	3	3	0	0	0	0
5.0-5.9	.	11	3	6	3	3	3	0	0	0	0
6.0-6.9	.	11	3	6	3	3	3	0	0	0	0
7.0-7.9	.	11	3	6	3	3	3	0	0	0	0
8.0-8.9	.	11	3	6	3	3	3	0	0	0	0
9.0-9.9	.	11	3	6	3	3	3	0	0	0	0
10.0+	.	11	3	6	3	3	3	0	0	0	0
TOTAL	35	55	3	6	3	3	3	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 22.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	10	10	1	1	1	1	0	0	0	0
1.0-1.9	3	10	5	1	1	1	1	0	0	0	0
2.0-2.9	.	10	5	1	1	1	1	0	0	0	0
3.0-3.9	.	10	5	1	1	1	1	0	0	0	0
4.0-4.9	.	10	5	1	1	1	1	0	0	0	0
5.0-5.9	.	10	5	1	1	1	1	0	0	0	0
6.0-6.9	.	10	5	1	1	1	1	0	0	0	0
7.0-7.9	.	10	5	1	1	1	1	0	0	0	0
8.0-8.9	.	10	5	1	1	1	1	0	0	0	0
9.0-9.9	.	10	5	1	1	1	1	0	0	0	0
10.0+	.	10	5	1	1	1	1	0	0	0	0
TOTAL	11	15	0	2	0	1	1	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 45.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	1	1	1	1	1	1	1	1	1	0
1.0-1.9	.	1	1	1	1	1	1	1	1	1	0
2.0-2.9	.	1	1	1	1	1	1	1	1	1	0
3.0-3.9	.	1	1	1	1	1	1	1	1	1	0
4.0-4.9	.	1	1	1	1	1	1	1	1	1	0
5.0-5.9	.	1	1	1	1	1	1	1	1	1	0
6.0-6.9	.	1	1	1	1	1	1	1	1	1	0
7.0-7.9	.	1	1	1	1	1	1	1	1	1	0
8.0-8.9	.	1	1	1	1	1	1	1	1	1	0
9.0-9.9	.	1	1	1	1	1	1	1	1	1	0
10.0+	.	1	1	1	1	1	1	1	1	1	0
TOTAL	1	0	0	0	0	0	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 67.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	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+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	0	0	0	0	3	0	0	0	0	0	0
MEAN HS(M) =	3.2	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	11.0	NO. OF CASES=	2.				

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4	6	8	9	10	11	13	15	18	22	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	3	.	.	.	.	.	4
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	2	0	0	0	6	0	0	0	0	0	0
MEAN HS(M) =	3.0	LARGEST HS(M)=	3.3	MEAN TP(SEC)=	9.3	NO. OF CASES=	6.				
STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 90.0											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4	6	8	9	10	11	13	15	18	22	
0.0-0.9	4	6	8	9	10	11	13	15	18	22	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	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
TOTAL	1	0	0	0	0	1	0	0	0	0	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	2.6	MEAN TP(SEC)=	8.1	NO. OF CASES=	2.				
STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 112.5											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4	6	8	9	10	11	13	15	18	22	
0.0-0.9	4	6	8	9	10	11	13	15	18	22	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	11	.	.	.	.	.	.	.	.	.	11
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	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	5.4	NO. OF CASES=	7.				
STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 135.0											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4	6	8	9	10	11	13	15	18	22	
0.0-0.9	4	6	8	9	10	11	13	15	18	22	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	11	.	.	.	.	.	.	.	.	.	11
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	0
MEAN HS(M) =	2.4	LARGEST HS(M)=	2.5	MEAN TP(SEC)=	5.4	NO. OF CASES=	7.				
STATION 39 43.78N 124.94W AZIMUTH(DEGREES) = 157.5											
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4	6	8	9	10	11	13	15	18	22	
0.0-0.9	4	6	8	9	10	11	13	15	18	22	LONGER
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	18	.	.	.	.	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
TOTAL	18	0	0	0	0	1	0	0	0	0	0
MEAN HS(M) =	2.2	LARGEST HS(M)=	2.7	MEAN TP(SEC)=	5.7	NO. OF CASES=	13.				

STATION 39 43° 7'N 124° 9'W AZIMUTH(DEGREES)=180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.0-	8.0-	8.1-	9.5-	10.6-	10.5-	11.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	.	.	1	1	1	1	1	1	1	.	.	.	.	10
2.0-2.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	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	10	9	1	5	9	0	0	0	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° 7'N 124° 9'W AZIMUTH(DEGREES)=202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.0-	8.0-	8.1-	9.5-	10.6-	10.5-	11.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	1	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	1	1	10	1	1	1	1	1	1	1	1	1	1	10
2.0-2.9	1	1	13	13	20	23	23	23	23	23	23	23	23	23	120
3.0-3.9	.	0	6	3	54	147	147	147	147	147	147	147	147	147	200
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	22	32	59	95	59	29	0	0	0	0	0	0	0	0
MEAN HS(M) =	5.0	LARGEST HS(M) =	8.6	MEAN TP(SEC) =	10.6	NO. OF CASES =	190.								

STATION 39 43° 7'N 124° 9'W AZIMUTH(DEGREES)=225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.0-	8.0-	8.1-	9.5-	10.6-	10.5-	11.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	1	.	25	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	25	1	1	25	25	35	35	35	35	35	35	35	35	35	225
2.0-2.9	5	1	165	165	242	121	121	121	121	121	121	121	121	121	1650
3.0-3.9	.	13	82	165	242	324	324	324	324	324	324	324	324	324	3241
4.0-4.9	.	.	39	80	130	287	287	287	287	287	287	287	287	287	287
5.0-5.9	.	.	6	18	130	174	174	174	174	174	174	174	174	174	174
6.0-6.9	.	.	3	9	42	47	47	47	47	47	47	47	47	47	47
7.0-7.9	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1
8.0-8.9	.	.	.	.	5	5	5	5	5	5	5	5	5	5	5
9.0-9.9	.	.	.	.	.	15	15	15	15	15	15	15	15	15	15
10.0+	.	.	.	.	.	6	6	6	6	6	6	6	6	6	6
TOTAL	26	84	346	349	878	891	236	6	0	0	0	0	0	0	21
MEAN HS(M) =	5.4	LARGEST HS(M) =	11.7	MEAN TP(SEC) =	11.2	NO. OF CASES =	1660.								

STATION 39 43° 7'N 124° 9'W AZIMUTH(DEGREES)=247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL		
	4.4-	6.0-	8.0-	8.1-	9.5-	10.6-	10.5-	11.6-	11.7-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	6	27	155	29	8	.	.	.	.	.	.	.	.	.	7
1.0-1.9	10	66	285	477	278	65	65	65	65	65	65	65	65	65	227
2.0-2.9	1	122	155	406	627	1047	1047	1047	1047	1047	1047	1047	1047	1047	1100
3.0-3.9	.	34	203	406	627	121	121	121	121	121	121	121	121	121	2520
4.0-4.9	.	1	66	169	396	817	817	817	817	817	817	817	817	817	2112
5.0-5.9	.	.	11	34	189	412	412	412	412	412	412	412	412	412	1217
6.0-6.9	.	.	.	1	61	184	184	184	184	184	184	184	184	184	627
7.0-7.9	.	.	.	.	10	87	107	107	107	107	107	107	107	107	224
8.0-8.9	.	.	.	.	.	8	17	20	20	20	20	20	20	20	33
9.0-9.9	.	.	.	.	.	.	13	0	0	0	0	0	0	0	0
10.0+	.	.	.	.	.	.	14	0	0	0	0	0	0	0	14
TOTAL	18	255	878	1238	2373	3225	2107	143	0	0	0	0	0	0	6000.
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	69	23	9	775	315	27	.	.	.	.	.	50
1.0-1.9	67	52	1813	2450	2409	1051	205	21	.	.	.	3517
2.0-2.9	13	124	1264	2600	2600	1422	1566	60	.	.	.	7579
3.0-3.9	.	141	1252	160	160	1025	1566	55	.	.	.	6309
4.0-4.9	.	25	104	170	170	1200	2193	170	.	.	.	7689
5.0-5.9	.	52	104	170	170	1200	2193	170	.	.	.	5870
6.0-6.9	.	3	10	23	23	249	184	172	.	.	.	1428
7.0-7.9	.	10	23	23	25	184	171	11	.	.	.	313
8.0-8.9	.	3	10	23	25	184	171	11	.	.	.	61
9.0-9.9	.	.	.	3	10	15	10	.	.	.	.	25
TOTAL	124	831	3564	4154	6565	9947	7071	609	0	0	0	0

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	92	47	100	22	.	.	.	.	.	.	.	261
1.0-1.9	212	1204	5290	2425	957	261	80	.	.	.	.	10914
2.0-2.9	212	581	5290	4197	4621	2571	379	25	.	.	.	15926
3.0-3.9	.	200	177	605	2265	4171	1403	112	5	.	.	8318
4.0-4.9	.	30	46	68	393	2036	1685	112	5	.	.	4610
5.0-5.9	.	.	46	32	408	482	264	.	.	.	.	1518
6.0-6.9	.	.	1	1	54	295	87	.	.	.	.	423
7.0-7.9	.	.	1	32	1	32	3	.	.	.	.	11
8.0-8.9	.	.	.	.	.	11	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	877	2141	8398	7388	8275	9502	4819	798	5	0	0	0

MEAN HS(M) = 2.8 LARGEST HS(M)= 8.2 MEAN TP(SEC)= 10.6 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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1166	3	11	.	.	.	.	.	.	.	.	60
1.0-1.9	1166	863	613	270	65	5	.	.	.	.	.	3026
2.0-2.9	1166	1873	613	667	243	164	11	8	.	.	.	7765
3.0-3.9	.	501	20	70	78	245	164	11	3	3	.	114
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2107	3286	1616	1238	731	250	24	11	0	0	0	0

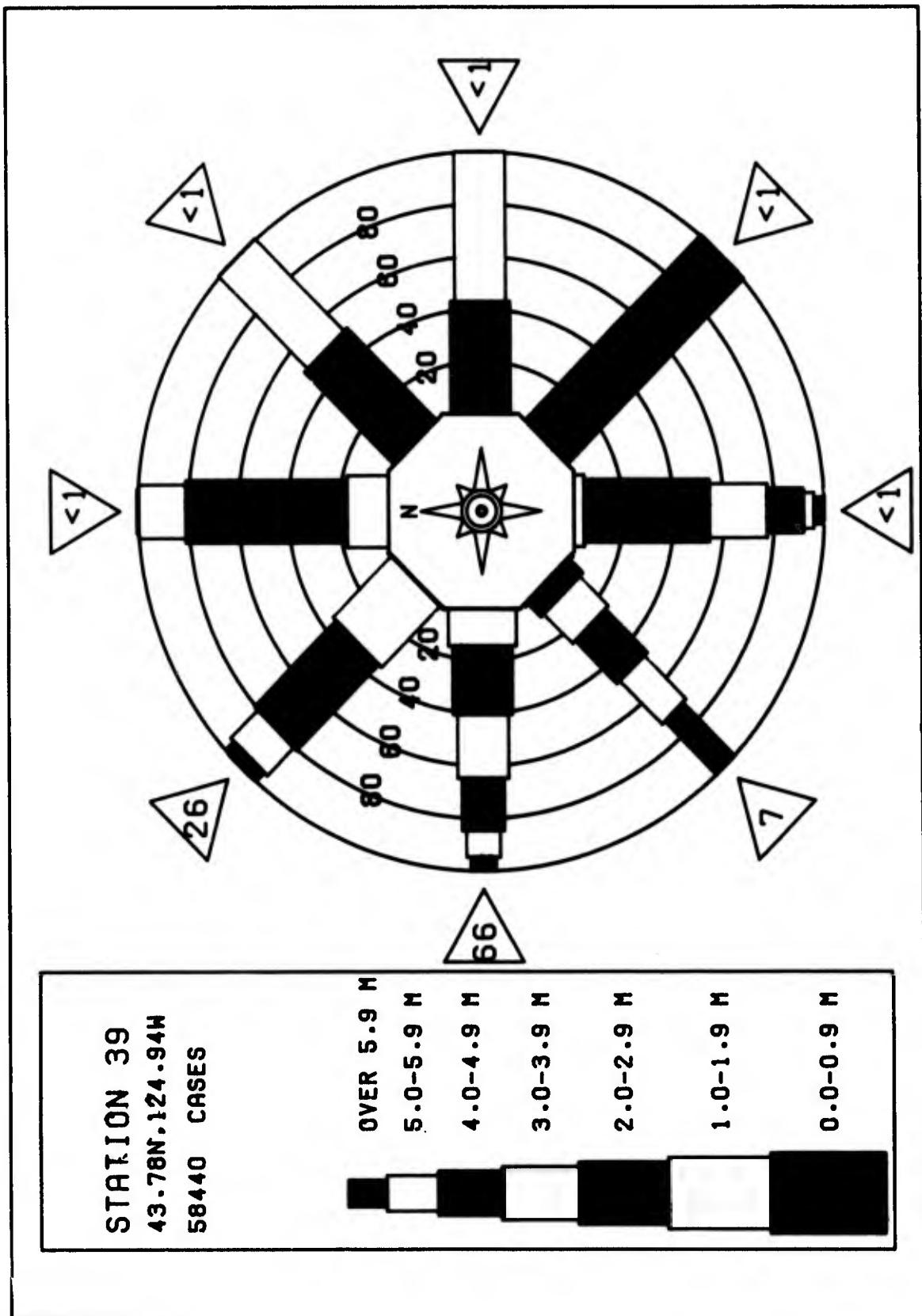
MEAN HS(M) = 2.3 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 7.7 NO. OF CASES= 5422.

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	13	51	5	.	.	.	.	.	.	.	.	13
1.0-1.9	278	910	11	16	13	.	1	.	.	.	.	370
2.0-2.9	278	910	11	6	6	.	.	.	.	.	.	3525
3.0-3.9	.	8	13	.	.	.	.	.	.	.	.	21
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	545	1266	64	16	19	0	1	0	0	0	0	0

MEAN HS(M) = 2.5 LARGEST HS(M)= 4.8 MEAN TP(SEC)= 6.4 NO. OF CASES= 1123.

HEIGHT(METRES)	STATION 39 43°78'N 124°94'W FOR ALL DIRECTIONS										TOTAL
	PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	18	8	12	2	132	25	8	.	.	.	40
1.0-1.9	211	276	797	352	781	377	60	5	.	.	1805
2.0-2.9	151	362	506	800	606	640	272	17	.	.	3042
3.0-3.9	1	136	62	169	617	712	460	21	.	.	3123
4.0-4.9	.	14	97	55	102	107	360	46	.	.	1587
5.0-5.9	.	.	23	10	44	101	169	32	.	.	815
6.0-6.9	.	.	2	1	12	60	63	14	.	.	358
7.0-7.9	.	.	.	1	1	16	23	1	.	.	130
8.0-8.9	.	.	.	.	1	1	1	1	.	.	40
9.0-9.9	.	.	.	.	.	1	1	1	.	.	2
TOTAL	381	796	1489	1444	1895	2384	1427	153	0	0	
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											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1955	4.0	3.9	4.2	3.3	2.8	2.4	2.8	1.9	1.9	3.4	4.3	4.3
1957	4.3	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
1958	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1959	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1960	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1961	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1962	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1963	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1964	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1965	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1966	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1967	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1968	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1969	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1970	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1971	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1972	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1973	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1974	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1975	4.2	3.9	3.5	2.7	2.7	1.9	1.9	1.8	1.4	3.5	4.5	4.0
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

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
1955	9.0	7.1	7.1	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	6.9
1957	5.0	7.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1958	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1959	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1960	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1961	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1962	6.0	6.0	6.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1963	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1964	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1965	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1966	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1967	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1968	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1969	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1970	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1971	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1972	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1973	6.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1974	11.7	9.0	8.0	6.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	10.3
1975	6.5	6.9	6.0	4.2	3.9	3.5	3.0	2.7	2.0	1.2	7.0	8.7

20 YR. STATISTICS FOR PACIFIC STATION 39 (43.78N 124.94W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.3
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.3
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 10.2
 STANDARD DEVIATION OF HS(METRES)= 2.92
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 11.7
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 216.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 74011516

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9												0
1.0-1.9												0
2.0-2.9												0
3.0-3.9	3	1	1	10								4
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
10.0+												0
TOTAL	41	i	i	13	0	0	0	0	0	0	0	35.
MEAN HS(M) = 2.3 LARGEST HS(M)= 3.7 MEAN TP(SEC)= 6.5 NO. OF CASES=												

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9												0
1.0-1.9												0
2.0-2.9												0
3.0-3.9	1	3		5	1							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	16	0	0	6	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9												0
1.0-1.9												0
2.0-2.9			i	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	i	1	0	0	0	0	0	0	0	3	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9												0
1.0-1.9												0
2.0-2.9			i									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	i	0	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=												

STATION 40 44°19'N 124°66'W AZIMUTH(DEGREES) = 90.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	.	.	.	.	i	i	.	.	.	.	0
3.0-3.9	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	9	0	0	0	0	i	i	0	0	0	0	8.
MEAN HS(M) =	3.2	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	7.2	NO. OF CASES=						

STATION 40 44°19'N 124°66'W AZIMUTH(DEGREES) =112.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	1	.	.	.	.	i	.	.	.	.	.	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
TOTAL	2	3	0	0	0	1	0	0	0	0	0	3.
MEAN HS(M) =	3.1	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	7.5	NO. OF CASES=						

STATION 40 44°19'N 124°66'W AZIMUTH(DEGREES) =135.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	22	.	.	.	.	i	.	.	.	.	.	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
TOTAL	22	0	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°19'N 124°66'W AZIMUTH(DEGREES) =157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	17	.	.	.	.	3	3	.	.	.	.	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
TOTAL	17	0	0	0	0	3	3	0	0	0	0	14.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	7.2	NO. OF CASES=						

HEIGHT(METRES)	STATION 40 44.19N 124.66W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	3	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	1	3	5	13	.	.	.	.	.	.	.	28
2.0-2.9	.	1	3	1	.	.	.	.	.	.	.	.	14
3.0-3.9	.	3	.	1	.	.	.	.	.	.	.	.	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	9	17	3	7	13	0	0	0	0	0	0	0	32.
MEAN HS(M) =	2.8	LARGEST HS(M)=	4.1	MEAN TP(SEC)=	7.9	NO. OF CASES=							
STATION 40 44.19N 124.66W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) = 202.5												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	1	10	20	8	3	5	3	1	.	.	.	31
2.0-2.9	1	11	10	22	22	22	22	22	22	22	22	22	76
3.0-3.9	.	.	5	3	3	3	3	3	3	3	3	3	65
4.0-4.9	.	.	.	1	1	1	1	1	1	1	1	1	26
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	44	28	62	77	56	28	0	0	0	0	0	188.
MEAN HS(M) =	4.8	LARGEST HS(M)=	8.5	MEAN TP(SEC)=	10.2	NO. OF CASES=							
STATION 40 44.19N 124.66W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) = 225.0												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	11	.	30	.	3	.	.	.	.	.	.	.	0
1.0-1.9	20	12	152	80	100	46	4	1	.	.	.	.	43
2.0-2.9	3	62	152	160	135	143	11	1	.	.	.	.	67
3.0-3.9	.	11	71	160	135	143	11	.	.	.	.	.	71
4.0-4.9	.	1	30	14	318	245	200	.	.	.	.	.	66
5.0-5.9	.	.	5	15	100	105	70	1	.	.	.	.	21
6.0-6.9	.	.	.	15	100	105	70	44	1	.	.	.	21
7.0-7.9	.	.	.	.	5	30	53	18	1	.	.	.	57
8.0-8.9	.	.	.	.	.	1	18	18	1	.	.	.	20
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	34	67	325	373	947	921	267	6	0	0	0	0	1735.
MEAN HS(M) =	5.2	LARGEST HS(M)=	12.9	MEAN TP(SEC)=	11.2	NO. OF CASES=							
STATION 40 44.19N 124.66W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) = 247.5												
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	10	59	180	37	.	.	.	.	.	.	.	.	11
1.0-1.9	13	121	150	162	185	68	11	1	.	.	.	.	135
2.0-2.9	.	125	150	162	185	718	58	10	.	.	.	.	126
3.0-3.9	.	32	223	165	182	177	400	11	.	.	.	.	206
4.0-4.9	.	1	10	37	169	420	160	94	11	.	.	.	206
5.0-5.9	.	.	3	1	42	171	310	58	11	.	.	.	154
6.0-6.9	.	.	.	.	6	62	310	20	27	.	.	.	166
7.0-7.9	.	.	.	.	.	25	25	1	.	.	.	.	29
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	23	327	1013	1390	2600	3600	2255	156	0	0	0	0	6659.
MEAN HS(M) =	4.6	LARGEST HS(M)=	10.7	MEAN TP(SEC)=	11.7	NO. OF CASES=							

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.-0.9	54	41	29								124
1.0-1.9	62	71	257	994	521	97	3				6445
2.0-2.9	18	110	1354	2638	2750	1409	292	72			8586
3.0-3.9											8564
4.0-4.9											7341
5.0-5.9											3361
6.0-6.9											1160
7.0-7.9											226
8.0-8.9											33
9.0-9.9											16
TOTAL	164	1033	4331	4563	7140	10203	6748	574	0	0	0

MEAN HS(M) = 3.4 LARGEST HS(M) = 9.4 MEAN TP(SEC) = 11.6 NO. OF CASES = 20328.

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.-0.9	136	68	135	35							380
1.0-1.9	696	1528	6013	3090	1007	333	104	5	5		12781
2.0-2.9	256	1733	2258	4159	2786	2659	403	41	5		15197
3.0-3.9	1	260	124	472	1960	1694	1454	138	6		6309
4.0-4.9		51	114	51	268	1800	1827	503			4415
5.0-5.9			44	25	34	261	704	227			1295
6.0-6.9				1	18	30	200	77			326
7.0-7.9			i		1	3	25	6			36
8.0-8.9						6					6
9.0-9.9											0
TOTAL	1089	2540	8689	7830	8074	8986	4723	795	16	0	0

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

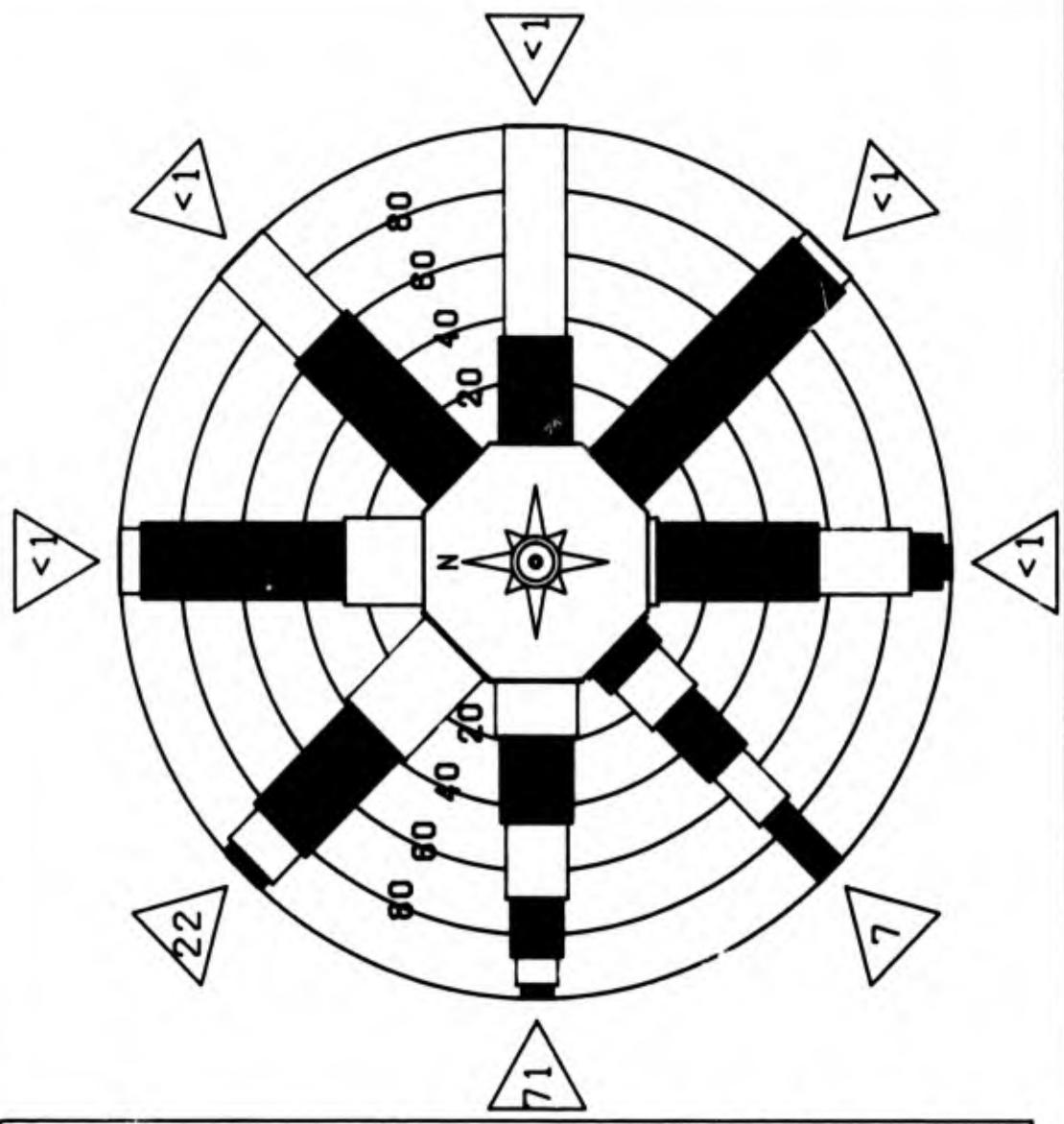
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.-0.9	53	1	3								57
1.0-1.9	1043	622	391	154	27	11	1	6			2255
2.0-2.9	752	1375	166	653	261	44	6	8			3665
3.0-3.9	3	382	155	18	155	60	1				794
4.0-4.9		5	42		5						56
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
TOTAL	1851	2388	1155	828	443	141	8	14	0	0	0

MEAN HS(M) = 2.2 LARGEST HS(M) = 5.4 MEAN TP(SEC) = 7.5 NO. OF CASES = 4001.

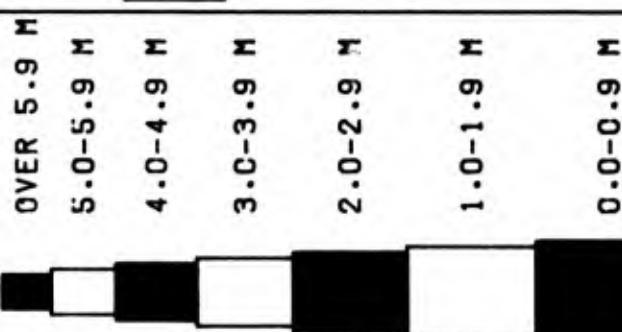
STATION 40 44.19N 124.66W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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.-0.9	148	13									0
1.0-1.9	174	241	17	13	8						453
2.0-2.9	5	51	25								81
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
TOTAL	327	306	42	14	8	0	0	0	0	0	411.

HEIGHT(METRES)	STATION 40 44°19'N 124°66'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL		
	6.0-	6.1-	6.1-	6.5-	10.5-	11.7-	11.8-	13.3-	13.4-	15.4-	18.2-	22.3-	LONGER	56
0.0-0.9	24	11	16	3	156	44	16	1	1	1	0	0	2047
0.0-0.9	201	201	916	427	156	416	16	1	1	1	0	0	2059
0.0-0.9	135	240	463	759	627	644	301	20	20	20	0	0	2104
0.0-0.9	2	104	54	165	554	657	301	20	20	20	0	0	1647
0.0-0.9	14	55	65	221	657	657	452	40	40	40	0	0	776
0.0-0.9	21	34	35	257	334	334	37	37	37	37	0	0	326
0.0-0.9	2	6	6	37	93	166	23	23	23	23	0	0	102
0.0-0.9	1	1	1	10	16	16	16	16	16	16	0	0	32
0.0-0.9	1	1	1	1	1	1	1	1	1	1	0	0	6
TOTAL	362	671	1556	1506	1928	2388	3401	152	0	0	0	0	58440.
MEAN HS(M)=	3.2	LARGEST HS(M)=	12.9	MEAN TP(SEC)=	10.9								



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	
1956	4.8	3.8	4.1	4.2	3.8	2.4	1.9	1.7	1.8	3.0	3.3	4.3	4.1
1957	3.5	3.4	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1958	5.9	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1959	4.6	3.8	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1960	4.4	4.4	4.4	4.4	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1961	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1962	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1963	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1964	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1965	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1966	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1967	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1968	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1969	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1970	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1971	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1972	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1973	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1974	4.0	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.2	4.1
1975	4.2	3.8	3.4	2.7	2.6	1.8	1.8	1.7	1.4	3.4	4.5	4.3	3.0
MEAN	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
1956	9.8	6.6	6.9	5.6	4.6	3.4	3.4	3.4	2.7	5.2	6.4	7.2
1957	6.4	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1958	8.7	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1959	8.3	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1960	8.3	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1961	8.3	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1962	8.3	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1963	8.4	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1964	9.4	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1965	9.4	4.0	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1966	10.0	7.7	7.0	6.8	6.0	4.4	4.4	4.4	4.4	6.0	7.7	8.3
1967	8.0	4.2	4.0	4.0	3.4	2.0	1.7	1.9	1.8	3.0	3.2	4.1
1968	8.2	7.1	6.4	6.0	5.2	3.7	3.7	3.7	3.7	5.0	6.0	6.8
1969	6.4	7.1	6.4	6.0	5.2	3.7	3.7	3.7	3.7	5.0	6.0	6.8
1970	10.0	9.0	8.9	8.0	7.2	5.7	5.7	5.7	5.7	7.0	8.4	9.0
1971	10.0	9.0	8.9	8.0	7.2	5.7	5.7	5.7	5.7	7.0	8.4	9.0
1972	10.0	9.0	8.9	8.0	7.2	5.7	5.7	5.7	5.7	7.0	8.4	9.0
1973	12.9	7.0	7.9	5.9	4.9	4.2	3.7	3.0	2.0	3.2	7.3	7.2
1974	12.9	7.0	7.9	5.9	4.9	4.2	3.7	3.0	2.0	3.2	7.3	7.2
1975	6.4	6.7	6.3	4.2	3.7	3.0	2.0	1.7	1.4	3.1	7.3	8.6

20 YR. STATISTICS FOR PACIFIC STATION 40 (44.19N 124.66W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 17.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.4
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 12.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.9
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 212.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 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.-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	23	.	.	.	5	3	.	.	.	.	24	24
2.0-2.9	27	63	6	5	3	1	.	.	.	.	56	56
3.0-3.9	.	13	6	.	.	1	.	.	.	.	20	20
4.0-4.9	.	.	.	.	.	1	.	.	.	.	1	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	50	76	6	5	4	2	0	0	0	0	0	0
TOTAL	50	76	6	5	4	2	0	0	0	0	0	0
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.-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	22	20	.	.	3	.	.	.	.	.	42	42
3.0-3.9	.	.	.	.	.	5	.	.	.	.	5	5
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	22	20	0	0	3	5	0	0	0	0	0	0
TOTAL	22	20	0	0	3	5	0	0	0	0	0	0
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.-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	22	i	i	.	.	.	.	.	.	.	24	24
3.0-3.9	.	1	1	.	.	.	.	.	.	.	1	1
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	22	2	i	0	0	0	0	0	0	0	0	0
TOTAL	22	2	i	0	0	0	0	0	0	0	0	0
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.-0.9	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0	0
2.0-2.9	10	10	8	.	.	.	.	.	.	.	20	20
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	10	18	0	0	0	0	0	0	0	0	0	0
TOTAL	10	18	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	13	.	.	.	.	1	.	.	.	.	22
2.0-2.9	.	18	.	.	.	.	.	.	.	.	.	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+	8	31	0	0	0	0	1	0	0	0	0	0
TOTAL	8	31	0	0	0	0	1	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	15	3	.	.	.	3	.	.	.	.	20
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
10.0+	9	18	0	0	0	0	0	3	0	0	0	0
TOTAL	9	18	0	0	0	0	0	3	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	1	.	.	.	.	.	1	1	.	.	.	0
1.0-1.9	18	22	6	.	.	.	1	1	.	.	.	44
2.0-2.9	.	18	.	.	.	.	.	.	.	.	.	18
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+	21	31	0	0	0	0	1	11	0	0	0	0
TOTAL	21	31	0	0	0	0	1	11	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	1	.	.	.	.	.	3	.	.	.	.	0
1.0-1.9	3	14	14	.	.	.	3	.	.	.	.	16
2.0-2.9	3	14	14	1	1	1	1	1	4	4	3	36
3.0-3.9	.	32	.	.	.	.	.	3	.	.	.	32
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	8	48	1	1	4	0	4	0	0	0	0	0
TOTAL	8	48	1	1	4	0	4	0	0	0	0	0
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- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9												0
1.0-1.9												15
2.0-2.9												61
3.0-3.9												61
4.0-4.9												33
5.0-5.9												36
6.0-6.9												0
7.0-7.9												0
8.0-8.9												0
9.0-9.9												0
TOTAL	14	100	34	17	26	5	5	0	0	0		125.
MEAN HS(M) =	4.1	LARGEST HS(M)=	7.7	MEAN TP(SEC)=	8.3	NO. OF CASES=						

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- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9												0
1.0-1.9												8
2.0-2.9												61
3.0-3.9												204
4.0-4.9												202
5.0-5.9												452
6.0-6.9												198
7.0-7.9												137
8.0-8.9												90
9.0-9.9												26
TOTAL	31	183	255	257	435	354	103	6	0	0		962.
MEAN HS(M) =	5.2	LARGEST HS(M)=	10.7	MEAN TP(SEC)=	10.4	NO. OF CASES=						

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- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9												0
1.0-1.9												77
2.0-2.9												413
3.0-3.9												981
4.0-4.9												1006
5.0-5.9												1006
6.0-6.9												582
7.0-7.9												154
8.0-8.9												35
9.0-9.9												11
TOTAL	21	323	599	770	1376	1083	435	41	0	0		2730.
MEAN HS(M) =	4.6	LARGEST HS(M)=	9.6	MEAN TP(SEC)=	10.9	NO. OF CASES=						

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- 16.1	16.2- 22.2	22.3- LONGER		
0.-0.9												0
1.0-1.9												449
2.0-2.9												1383
3.0-3.9												2333
4.0-4.9												2333
5.0-5.9												1208
6.0-6.9												1208
7.0-7.9												145
8.0-8.9												24
9.0-9.9												0
TOTAL	36	342	721	865	1778	2502	2201	246	0	0		5094.
MEAN HS(M) =	4.0	LARGEST HS(M)=	8.7	MEAN TP(SEC)=	11.9	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	41	66	71	6							164
1.0-1.9	58	174	1630	1225	2560	165	65	3			3843
2.0-2.9	35	83	4520	1825	2520	1788	652	46			2530
3.0-3.9	.	49	150	364	1222	1887	2135	54			7255
4.0-4.9	.	3	75	53	333	1887	2070	102			4253
5.0-5.9	.	.	.	27	58	178	1165	171			1799
6.0-6.9	.	.	.	3	22	41	215	130			415
7.0-7.9	.	.	.	6	6	42	130	27			16
8.0-8.9	.	.	.	8	8	8	8	8			0
9.0-9.9	.	.	.	.	.	.	.	.			0
10.0+	.	.	.	.	.	.	.	.			0
TOTAL	134	357	2391	2930	4583	8116	6296	539	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	143	41	167	25							376
1.0-1.9	634	1466	6146	3317	1307	417	99	.			13389
2.0-2.9	229	499	2191	4445	5720	3225	530	41			16885
3.0-3.9	.	215	164	480	3222	2758	1058	184			9932
4.0-4.9	.	44	90	63	3208	2049	2120	321			5032
5.0-5.9	.	25	54	54	276	716	220	.			1330
6.0-6.9	.	.	37	22	37	174	70	.			306
7.0-7.9	.	.	1	1	3	27	.	.			32
8.0-8.9	.	.	.	.	1	.	.	.			0
9.0-9.9	.	.	.	.	.	.	.	.			0
10.0+	.	.	.	.	.	.	.	.			0
TOTAL	1006	2265	8783	8391	9704	10767	5525	836	13	0	
MEAN HS(M) =	2.7	LARGEST HS(M)=	8.0	MEAN TP(SEC)=	10.9	NO. OF CASES=	27653.				

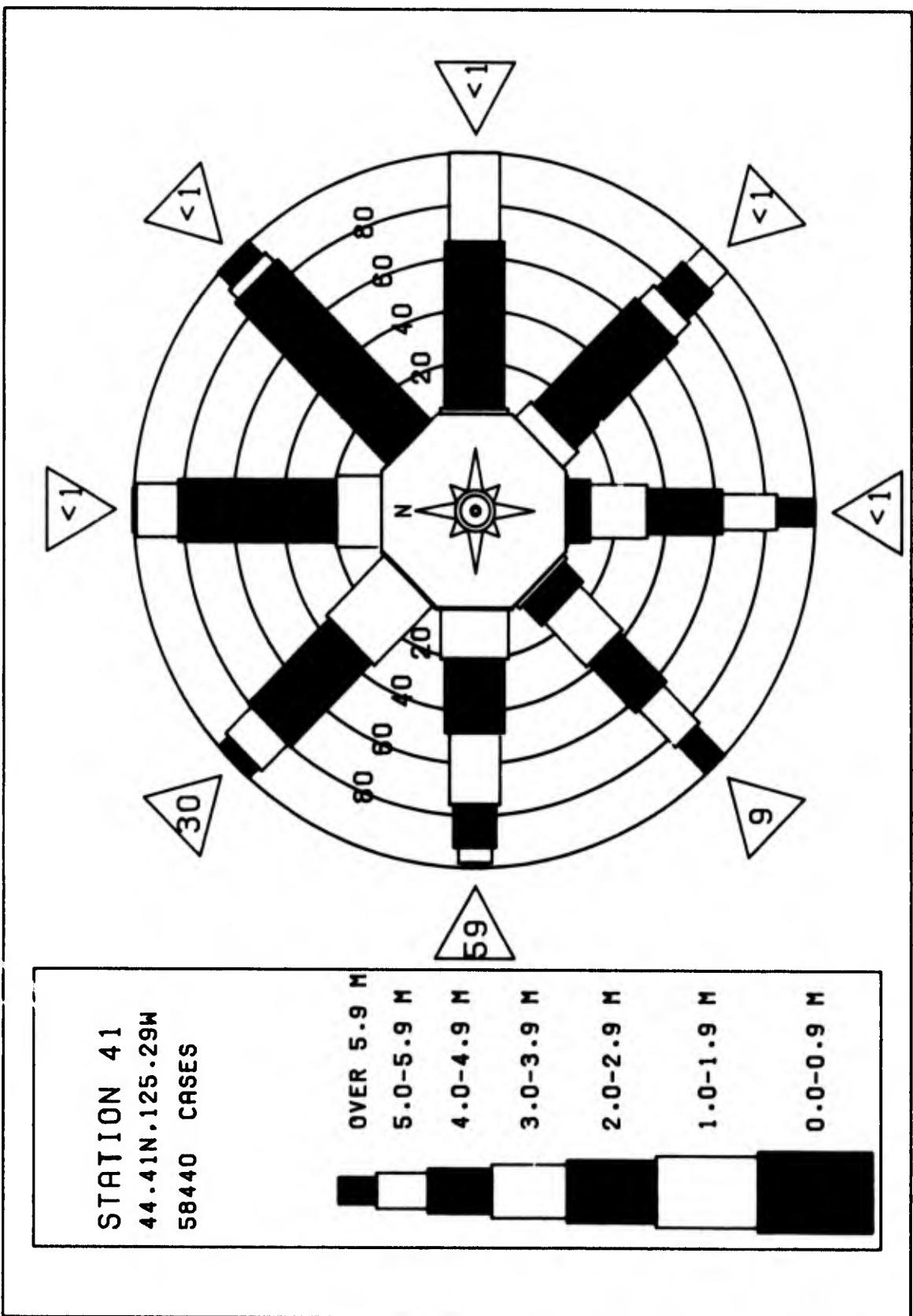
STATION 41 44.41N 125.29W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	49	1	3								53
1.0-1.9	131	889	663	297	63	10	1	6	1	.	3253
2.0-2.9	113	1882	855	949	662	85	11	3	1	.	5378
3.0-3.9	1	432	83	61	225	186	6	1	.	.	995
4.0-4.9	.	13	51	63	3	30	.	.	.	.	100
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	2498	3216	1659	1313	753	311	18	10	1	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	1										13
1.0-1.9	272	47	.	8	1	.	.	.	.	.	3250
2.0-2.9	304	826	6	6	8	.	.	.	.	.	282
3.0-3.9	.	266	13	3	.	1	.	.	.	.	10
4.0-4.9	.	3	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	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=					

HEIGHT(METRES)	STATION 41 44.41N 125.29W PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	24	8	24	3	19	59	10	1	.	.	59
1.0-1.9	234	267	867	495	194	543	128	8	.	.	2136
2.0-2.9	190	368	180	695	965	153	158	26	.	.	4221
3.0-3.9	.	149	86	134	473	991	458	47	.	.	2417
4.0-4.9	.	25	77	70	142	515	508	44	.	.	1364
5.0-5.9	.	1	11	46	93	126	260	31	.	.	581
6.0-6.9	.	.	1	4	47	45	73	6	.	.	201
7.0-7.9	.	.	.	1	6	20	13	2	.	.	54
8.0-8.9	.	.	.	.	5	5	5	2	.	.	12
9.0-9.9	.	.	.	.	.	3	.	.	.	.	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						



MEAN HS(METRES) BY MONTH AND YEAR
WIS STAT. IN 41 (44.41N 125.29W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.0	3.7	3.6	3.0	2.8	2.3	1.9	1.8	1.8	2.0	1.0	3.6	3.9
1957	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1958	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1959	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1960	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1961	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1962	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1963	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1964	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1965	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1966	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1967	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1968	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1969	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1970	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1971	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1972	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1973	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1974	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1975	3.5	3.5	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
MEAN	4.2	3.8	3.5	3.1	2.4	2.0	1.9	1.8	2.1	3.1	4.0	4.5	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 41 (44.41N 125.29W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.0	6.1	6.6	5.6	4.0	3.6	3.5	3.8	2.8	6.7	6.3	6.6
1957	8.0	7.1	6.0	5.4	4.0	3.4	3.5	3.0	3.7	3.3	3.0	3.0
1958	8.0	6.0	6.0	5.6	4.0	3.0	3.0	3.0	3.7	3.3	3.0	3.0
1959	8.0	6.0	6.0	5.6	4.0	3.0	3.0	3.0	3.7	3.3	3.0	3.0
1960	8.0	6.0	6.0	5.6	4.0	3.0	3.0	3.0	3.7	3.3	3.0	3.0
1961	6.7	5.5	5.7	5.2	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1962	5.5	5.7	5.6	5.6	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1963	5.6	5.1	5.6	5.6	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1964	5.5	5.0	5.0	5.2	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1965	7.8	5.5	5.0	5.7	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1966	7.6	5.4	5.5	5.5	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1967	6.6	4.4	4.7	4.7	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1968	8.9	7.1	4.7	4.7	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1969	8.9	7.1	5.2	5.2	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1970	6.9	5.8	5.8	5.6	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1971	8.8	6.7	5.1	6.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1972	8.9	6.7	5.5	5.6	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1973	6.9	6.5	5.6	4.2	3.5	3.3	2.4	2.5	1.9	5.6	7.1	7.7
1974	10.7	6.4	5.6	4.2	3.5	3.3	2.4	2.5	1.9	5.6	7.1	7.7
1975	5.7	6.4	5.6	4.2	3.5	3.3	2.4	2.5	1.9	5.6	7.1	7.7

20 YR. STATISTICS FOR PACIFIC STATION 41 (44.41N 125.29W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.0
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 1.3
 STANDARD DEVIATION OF TP(SECONDS)= 2.5
 LARGEST HS(METRES)= 10.7
 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	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	6
2.0-2.9	5	3	1	1	1	.	.	.	.	.	13
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	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	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	13	.	.	.	3	1	.	.	.	.	16
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	.	.	.	.	.	.	.	.	.	.	.
TOTAL	14	0	0	4	0	0	0	0	0	0	0

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	
0.0-0.9	0
1.0-1.9	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
TOTAL	1	0	0	0	0	0	0	0	0	0	0

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	
0.0-0.9	0
1.0-1.9	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
TOTAL	1	0	0	0	0	0	0	0	0	0	0

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	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	.	i	.	.	.	.	.	.	.	.	0
5.0-5.9	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) =	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	13	.	.	.	.	i	.	.	.	.	14
3.0-3.9	5	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	18	0	0	0	2	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	15	.	i	.	.	i	.	.	.	.	16
3.0-3.9	5	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	15	i	0	0	i	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	18	.	.	.	.	3	.	.	.	.	21
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	19	0	0	0	3	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	8	5	6	.	8	1	5	.	.	.	.	24
2.0-2.9	.	10	4	8	.	.	5	.	.	.	.	24
3.0-3.9	.	1	1	8	.	.	.	.	.	.	.	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	9	21	8	16	13	11	6	6	6	6	6	51.
MEAN HS(M) =	3.6	LARGEST HS(M)=	7.1	MEAN TP(SEC)=	9.0	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	17	10	5	6	8	13	16	14	13	12	11	46
2.0-2.9	1	24	6	11	13	16	16	14	13	12	11	131
3.0-3.9	.	1	4	20	126	140	140	130	120	110	100	197
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	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	18	66	106	128	221	160	36	0	0	0	0	441.
MEAN HS(M) =	5.1	LARGEST HS(M)=	9.4	MEAN TP(SEC)=	10.5	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	6	5	16	75	5	.	.	.	.	.	.	41
1.0-1.9	17	42	59	73	42	8	6	6	6	6	6	241
2.0-2.9	68	100	100	154	70	.	.	.	.	.	.	498
3.0-3.9	41	159	159	101	200	30	30	30	30	30	30	833
4.0-4.9	1	65	142	203	250	116	116	116	116	116	116	888
5.0-5.9	.	8	34	200	164	68	68	68	68	68	68	926
6.0-6.9	.	.	3	44	184	5	5	5	5	5	5	304
7.0-7.9	.	.	.	11	70	25	25	25	25	25	25	128
8.0-8.9	.	.	.	.	1	1	1	1	1	1	1	52
9.0-9.9	.	.	.	.	.	6	6	6	6	6	6	26
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	25	158	409	507	1126	1054	376	16	0	0	0	2160.
MEAN HS(M) =	5.2	LARGEST HS(M)=	10.9	MEAN TP(SEC)=	11.1	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	6	13	3	75	10	.	1	.	.	.	.	16
1.0-1.9	22	67	213	490	931	65	8	1	.	.	.	1200
2.0-2.9	147	277	213	934	708	73	73	1	.	.	.	3361
3.0-3.9	49	264	213	543	1421	530	13	.	.	.	.	3182
4.0-4.9	1	100	176	624	942	942	13	.	.	.	.	2533
5.0-5.9	.	.	1	77	128	912	912	13	.	.	.	1546
6.0-6.9	.	.	6	78	112	310	310	30	.	.	.	607
7.0-7.9	.	.	1	7	78	112	34	.	.	.	.	224
8.0-8.9	.	.	.	6	6	23	6	.	.	.	.	34
9.0-9.9	.	.	.	.	3	3	3	3	.	.	.	3
10.0+	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	30	302	1100	1322	2626	3717	2696	215	0	0	0	7082.
MEAN HS(M) =	4.6	LARGEST HS(M)=	10.0	MEAN TP(SEC)=	11.8	NO. OF CASES=						

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-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	63	61	22										126
1.0-1.9	118	749	291	1059	475	111							5437
2.0-2.9	27	152	1510	2926	2922	1430							3247
3.0-3.9													6506
4.0-4.9													6706
5.0-5.9													7608
6.0-6.9													3682
7.0-7.9													1374
8.0-8.9													264
9.0-9.9													44
10.0+													26
TOTAL	208	1089	4840	4995	7377	10579	7016	700	0	0		0	
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-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	123	70	119	17									374
1.0-1.9	171	1546	5297	2614	761	289							11420
2.0-2.9	282	851	2530	4194	4149	2183							14610
3.0-3.9		296	179	581	1952	3379							7753
4.0-4.9			97	53	361	1750							4029
5.0-5.9			59	49	34	24							1330
6.0-6.9													310
7.0-7.9					5	1							70
8.0-8.9													18
9.0-9.9													0
10.0+													0
TOTAL	1176	2852	8371	7498	7289	7985	4084	645	15	0		0	
MEAN HS(M) =	2.7	LARGEST HS(M)=	8.6	MEAN TP(SEC)=	10.6	NO. OF CASES=	23340.						

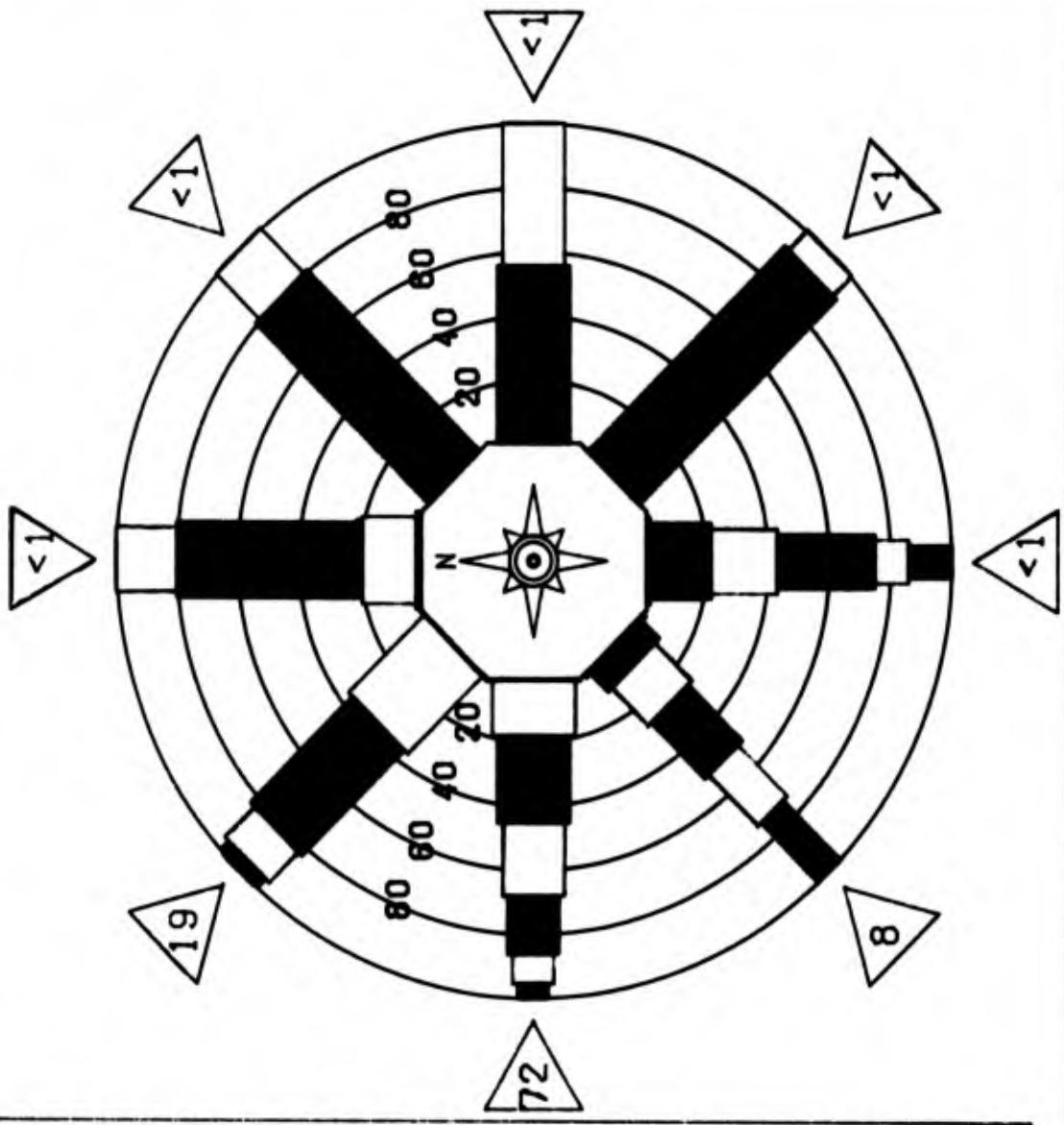
STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	44												44
1.0-1.9	934	415	253	107	18	6							1716
2.0-2.9	764	1341	470	438	18	21							3230
3.0-3.9		363	47	18	87	21							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		0	
MEAN HS(M) =	2.3	LARGEST HS(M)=	4.7	MEAN TP(SEC)=	7.2	NO. OF CASES=	3322.						

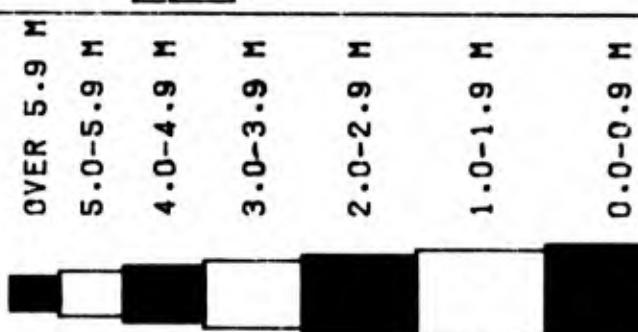
STATION 42 44.82N 125.01W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL	
	4.4-	6.0	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	8												8
1.0-1.9	104	3		1									108
2.0-2.9	203	270	111	11	15	5	1						493
3.0-3.9													123
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	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=							

HEIGHT(METRES)	STATION 42 44° 82N 125° 01W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	21	12	14	1							50
1.0-1.9	165	279	873	386	127	46	6	3			1911
2.0-2.9	143	280	496	813	775	371	54	16			2940
3.0-3.9	1	119	72	177	592	796	275	15			2047
4.0-4.9											1602
5.0-5.9											860
6.0-6.9											372
7.0-7.9											129
8.0-8.9											42
9.0-9.9											6
10.0+											2
TOTAL	362	710	1564	1505	1894	2357	1419	154	0	0	
MEAN HS(M)=	3.3	LARGEST HS(M)=	10.9	MEAN TP(SEC)=	10.9	TOTAL CASES=	58440.				



STATION 42
 44.82N, 125.01W
 58440 CASES



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	
1956	4.8	3.9	4.1	3.9	2.8	2.4	1.9	1.8	1.9	2.2	2.2	3.5	4.2
1957	3.4	2.5	3.7	3.7	2.6	2.0	1.7	1.6	1.7	2.1	2.1	3.4	4.0
1958	3.4	2.4	3.6	3.6	2.6	2.0	1.9	1.8	1.9	2.1	2.1	3.4	4.0
1959	4.9	3.5	4.2	4.2	3.2	2.6	2.0	1.9	1.9	2.1	2.1	3.6	4.6
1960	4.5	3.5	4.0	4.0	3.0	2.4	1.9	1.8	1.9	2.1	2.1	3.5	4.6
1961	4.4	3.4	4.1	4.1	3.0	2.4	1.9	1.8	1.9	2.1	2.1	3.5	4.6
1962	4.0	3.0	3.7	3.7	2.8	2.3	1.8	1.7	1.8	2.0	2.0	3.4	4.0
1963	4.1	3.7	4.2	4.2	3.2	2.6	2.1	2.0	2.1	2.2	2.2	3.5	4.6
1964	4.5	3.5	4.0	4.0	3.0	2.4	1.9	1.8	1.9	2.1	2.1	3.5	4.6
1965	4.5	3.5	4.0	4.0	3.0	2.4	1.9	1.8	1.9	2.1	2.1	3.5	4.6
1966	4.5	3.5	4.0	4.0	3.0	2.4	1.9	1.8	1.9	2.1	2.1	3.5	4.6
1967	4.5	3.5	4.0	4.0	3.0	2.4	1.9	1.8	1.9	2.1	2.1	3.5	4.6
1968	4.4	3.4	3.6	3.6	2.6	2.0	1.9	1.8	1.9	2.1	2.1	3.4	4.1
1969	4.3	3.2	3.7	3.7	2.7	2.1	1.7	1.6	1.7	2.0	2.0	3.3	4.1
1970	4.2	3.2	3.7	3.7	2.7	2.1	1.7	1.6	1.7	2.0	2.0	3.2	4.0
1971	4.2	3.2	3.7	3.7	2.7	2.1	1.7	1.6	1.7	2.0	2.0	3.2	4.0
1972	4.2	3.2	3.7	3.7	2.7	2.1	1.7	1.6	1.7	2.0	2.0	3.2	4.0
1973	4.2	3.2	3.7	3.7	2.7	2.1	1.7	1.6	1.7	2.0	2.0	3.2	4.0
1974	4.9	3.7	4.5	3.9	3.2	2.6	2.1	1.9	1.9	2.0	2.0	4.7	5.4
1975	4.3	3.9	3.5	2.8	2.6	1.8	1.8	1.7	1.4	3.5	4.0	4.4	3.0
MEAN	4.7	4.3	3.9	3.3	2.5	2.1	1.9	1.8	2.2	3.3	4.3	5.0	

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	
1956	6.8	6.4	7.0	5.5	4.1	3.3	3.7	2.6	2.8	4.9	4.5	7.8	
1957	6.4	7.3	6.0	5.4	4.4	3.0	3.6	2.9	2.9	4.4	4.4	7.0	
1958	6.4	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.0	
1959	6.5	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1960	6.9	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1961	6.9	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1962	6.7	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1963	6.7	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1964	6.7	6.9	6.7	5.7	4.2	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1965	7.9	6.5	7.0	6.4	4.7	3.0	3.6	2.9	2.9	4.4	4.4	7.2	
1966	9.0	8.5	8.6	7.4	5.0	3.0	3.7	3.0	3.0	4.7	5.5	9.9	
1967	8.4	8.5	8.0	7.0	5.0	3.0	3.7	3.0	3.0	4.7	5.5	9.9	
1968	8.4	8.1	8.0	7.0	5.0	3.0	3.7	3.0	3.0	4.7	5.5	9.9	
1969	8.5	8.1	8.0	7.0	5.0	3.0	3.7	3.0	3.0	4.7	5.5	9.7	
1970	8.5	8.1	8.0	7.0	5.0	3.0	3.7	3.0	3.0	4.7	5.5	9.7	
1971	10.4	7.5	7.5	6.1	4.8	3.0	3.4	2.4	2.5	4.3	7.9	12.2	
1972	10.3	6.9	6.9	6.1	4.8	3.0	3.4	2.4	2.5	4.3	7.9	12.2	
1973	10.9	6.9	6.9	6.4	4.5	3.6	3.3	2.4	2.5	4.3	7.4	12.4	
1974	10.9	6.9	6.9	6.4	4.5	3.6	3.3	2.4	2.5	4.3	7.4	12.4	
1975	6.4	6.2	6.4	4.5	3.6	3.3	2.4	2.5	1.9	3.5	7.4	12.5	

20 YR. STATISTICS FOR PACIFIC STATION 42 (44.82N 125.01W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.3
 MEAN PEAK WAVE PERIOD (SECONDS)= 11.0
 MOST FREQUENT 22 E(CENTER) DIRECTION BAND (DEGREES)= 294.0
 STANDARD DEVIATION OF HS(METRES)= 2.9
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 10.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 214.0
 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	10.6-	10.5	11.6-	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+																				0	
TOTAL		16	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	10.6-	10.5	11.6-	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+																				0	
TOTAL		1	0	0	0	4	0	0	0	0	0	0	0	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	10.6-	10.5	11.6-	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+																				0	
TOTAL		2	0	0	0	0	0	0	0	0	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	10.6-	10.5	11.6-	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+																				0	
TOTAL		0	0	0	0	0	0	0	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.														0.

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	4.4-	6.0	6.1-	8.1-	8.5-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	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	1	0	0	0	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 43 45.23N 124.72W AZIMUTH(DEGREES) = 90.0														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	4.4-	6.0	6.1-	8.1-	8.5-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	.	.	.	6
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
TOTAL	14	0	0	0	0	0	0	0	0	0	0	0	0	0
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) = 112.5														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	4.4-	6.0	6.1-	8.1-	8.5-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	14	.	.	.	.	.	.	.	.	.	.	.	.	14
2.0-2.9	0	.	.	.	.	.	.	.	.	.	.	.	.	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	14	0	0	0	0	0	0	0	0	0	0	0	0	0
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														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	4.4-	6.0	6.1-	8.1-	8.5-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	23	.	.	.	.	.	.	.	.	.	.	.	.	23
2.0-2.9	0	.	.	.	.	.	.	.	.	.	.	.	.	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	23	0	0	0	0	2	0	0	0	0	0	0	0	0
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														
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL			
	4.4-	6.0	6.1-	8.1-	8.5-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	20	.	.	.	.	.	.	.	.	.	.	.	.	20
2.0-2.9	0	.	.	.	.	.	.	.	.	.	.	.	.	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	0	0	0	3	0	0	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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	13	1	15	6	5	8	8	10	11.7	13.3	13.8	15.3	15.4	18.1	18.2	22.2	22.3	22.4	29	
3.0-3.9	13	15	13	1	6	5	1	1	1	1	1	1	1	1	1	1	1	1	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	15	19	7	14	10	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	29	6	5	8	3	6	8	10	11.7	13.3	13.8	15.3	15.4	18.1	18.2	22.2	22.3	22.4	52	
2.0-2.9	27	27	44	39	44	51	50	51	51	51	51	51	51	51	51	51	51	51	51	119
3.0-3.9	5	17	17	1	6	80	80	80	80	80	80	80	80	80	80	80	80	80	80	120
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	29	38	74	95	152	125	36	0	0	0	0	0	0	0	0	0	0	0	0	0
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.-0.9	13	6	15	13	5	5	5	5	5	5	5	.	.	.	.	.	.	.	.	52
1.0-1.9	15	25	80	174	165	201	185	185	185	185	185	.	.	.	.	.	.	.	.	62
2.0-2.9	5	17	82	162	162	407	195	195	195	195	195	20	.	.	.	.	.	.	.	843
3.0-3.9	.	.	30	3	82	123	301	130	130	130	130	.	.	.	.	.	.	.	.	840
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	33	83	384	452	1189	1112	360	9	0	0	0	0	0	0	0	0	0	0	0	22
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.-0.9	8	23	5	24	83	23	23	23	23	23	23	.	.	.	.	.	.	.	.	36
1.0-1.9	23	155	311	542	525	97	13	13	13	13	13	.	.	.	.	.	.	.	.	550
2.0-2.9	70	121	241	126	1019	867	109	109	109	109	109	.	.	.	.	.	.	.	.	1581
3.0-3.9	1	49	243	143	143	143	143	143	143	143	143	646	.	.	.	.	.	.	.	4646
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	36	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	26	.	.	.	.	.	.	.	1253
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	21	.	.	.	.	.	.	.	576
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	21	.	.	.	.	.	.	.	185
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	40
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	1
10.0+	37	418	1089	1608	2976	4369	2805	183	0	0	0	0	0	0	0	0	0	0	0	7898.
MEAN HS(M) =	4.5	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	11.7	NO. OF CASES=	7898.													

STATION 43 45°23'N 124°72'W 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	62	63	69	7	597	204	17	1	.	.	161
1.0-1.9	133	900	3650	1360	3066	1694	353	34	.	.	6871
2.0-2.9	39	205	1842	3218	3146	4024	1463	85	.	.	9811
3.0-3.9	.	159	152	763	946	3687	2202	111	.	.	7302
4.0-4.9	.	15	177	154	145	1088	1839	109	.	.	5313
5.0-5.9	.	.	56	72	108	1088	1052	205	.	.	1175
6.0-6.9	.	.	1	10	23	10	107	6	.	.	215
7.0-7.9	.	.	.	7	6	1	13	11	.	.	11
8.0-8.9	.	.	.	.	1	1	5	11	.	.	10
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	240	1342	5941	5622	7991	10854	6662	628	0	0	

MEAN HS(M) = 3.3 LARGEST HS(M) = 9.5 MEAN TP(SEC) = 11.4 NO. OF CASES = 22971.

STATION 43 45°23'N 124°72'W 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	155	90	116	6	833	297	70	20	10	.	374
1.0-1.9	366	2077	5450	2419	3783	2749	323	20	10	.	12165
2.0-2.9	345	927	2491	3927	1762	2562	1348	104	3	.	13386
3.0-3.9	.	364	188	463	1757	1507	1321	203	.	.	6290
4.0-4.9	.	51	100	53	263	253	460	.	.	.	3498
5.0-5.9	.	42	51	11	253	133	40	.	.	.	973
6.0-6.9	.	3	5	11	2	1	20	11	.	.	226
7.0-7.9	.	.	.	6	1	17	.	.	.	.	19
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1489	3509	8392	6924	6687	7200	3492	571	13	0	

MEAN HS(M) = 2.6 LARGEST HS(M) = 8.6 MEAN TP(SEC) = 10.3 NO. OF CASES = 22383.

STATION 43 45°23'N 124°72'W 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	268	112	78	23	3	1	5	.	.	35
1.0-1.9	672	1011	352	256	80	20	1	5	.	.	2409
2.0-2.9	5	223	32	13	56	21	.	.	.	.	496
3.0-3.9	10	35	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
TOTAL	1510	2568	594	348	169	47	1	8	0	0	

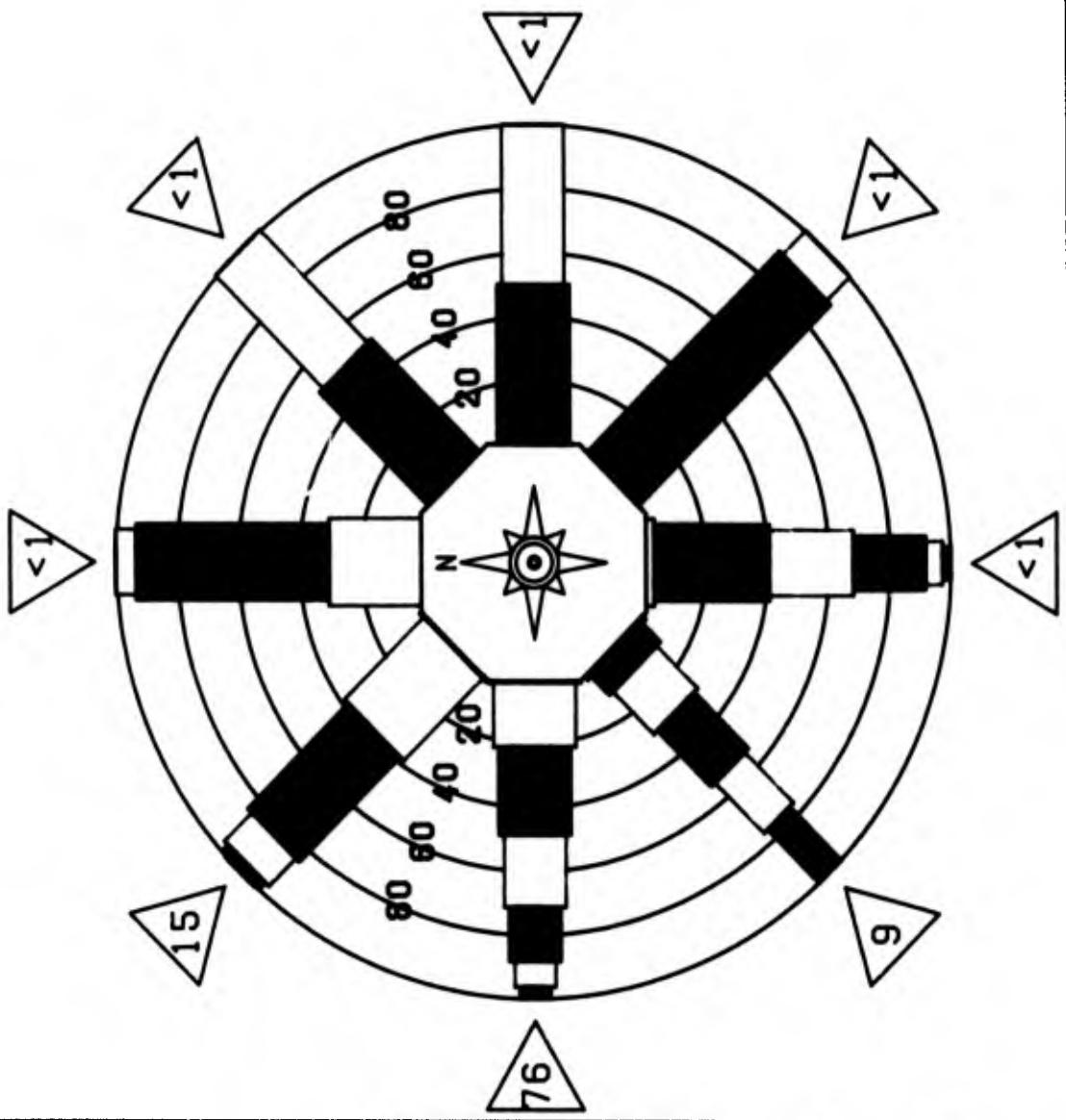
MEAN HS(M) = 2.3 LARGEST HS(M) = 5.0 MEAN TP(SEC) = 7.0 NO. OF CASES = 2490.

STATION 43 45°23'N 124°72'W AZIMUTH(DEGREES) = 337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

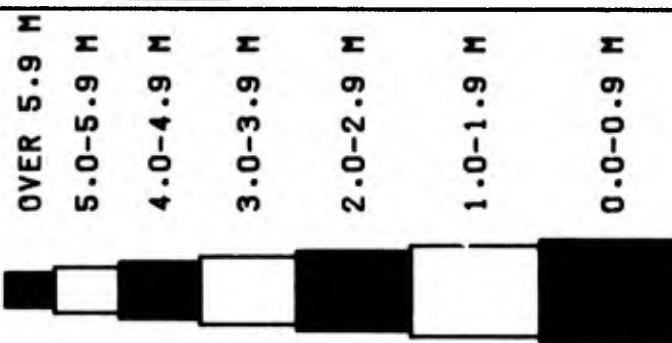
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.0-0.9	5	39	1	13	1	.	.	.	.	.	5
1.0-1.9	49	73	3	13	1	.	.	.	.	.	137
2.0-2.9	1	23	3	13	1	.	.	.	.	.	29
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	94	99	4	15	2	0	0	0	0	0	130.

HEIGHT(METRES)	STATION 43 45 23N 124 72W FOR ALL DIRECTIONS											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
4.0-4.9	4.4	6.0	8.0	9.5	10.5	11.7	13.3	15.3	16.1	22.2	LONGER	
5.0-5.9	27	17	17	1	146	50	6	2	1	.	.	62
6.0-6.9	199	339	956	395	753	392	6	2	1	.	.	2096
7.0-7.9	125	233	509	804	639	796	274	19	.	.	.	2061
8.0-8.9	2	103	64	186	624	704	213	51	.	.	.	1251
9.0-9.9	.	15	66	24	124	263	156	53	.	.	.	808
10.0-10.9	.	20	36	103	260	157	160	50	.	.	.	112
11.0-11.9	.	1	1	35	37	55	14	14	.	.	.	34
12.0-12.9	.	.	1	2	10	16	1	1	.	.	.	6
TOTAL	353	707	1647	1507	1917	2368	1332	136	1	0		

MEAN HS(M)= 3.2 LARGEST HS(M)= 10.6 MEAN TP(SEC)= 10.8 TOTAL CASES= 58440.



STATION 43
45.23°N, 124.72°E
58440 CASES



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 43 (45.23N 124.72W)

YEAR	MONTH											MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	
1956	4.7	3.8	6.0	3.1	6.8	2.3	1.9	1.7	1.6	3.9	3.4	6.3
1957	4.1	3.4	6.0	3.0	6.0	2.3	1.7	1.5	1.5	3.9	3.1	6.0
1958	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1959	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1960	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1961	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1962	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1963	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1964	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1965	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1966	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1967	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1968	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1969	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1970	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1971	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1972	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1973	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1974	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
1975	4.0	3.0	5.5	2.0	5.0	2.7	2.0	1.7	1.5	3.9	3.4	5.0
MEAN	4.6	4.2	3.8	3.2	2.5	2.1	1.9	1.6	2.1	3.3	4.2	4.9

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 43 (45.23N 124.72W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.6	6.3	6.7	4.9	6.9	3.5	3.5	3.5	3.5	5.5	4.6	8.0
1957	7.5	4.4	6.9	4.3	6.5	3.5	3.5	3.5	3.5	5.0	4.6	8.0
1958	7.0	4.4	6.8	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1959	6.8	4.1	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1960	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1961	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1962	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1963	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1964	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1965	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1966	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1967	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1968	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1969	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1970	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1971	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1972	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1973	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1974	6.6	4.0	6.5	4.1	6.4	3.5	3.5	3.5	3.5	5.1	4.6	8.0
1975	6.2	6.8	6.0	4.5	3.5	3.3	3.3	3.3	3.3	3.1	7.0	8.4

20 YR. STATISTICS FOR PACIFIC STATION 43 (45.23N 124.72W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.9
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 1.5
 STANDARD DEVIATION OF TPI(SECONDS)= 2.4
 LARGEST HS(METRES)= 10.6
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 10.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 217.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011521

HEIGHT(METRES)	STATION 44 45.45N 125.36W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.-0.9	4.6- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	1.0
2.0-2.9	10	8	3	3	.	3	.	.	.	.	24
3.0-3.9	.	10	3	.	.	.	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	20	18	3	3	0	4	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) = 22.5										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
0.-0.9	4.6- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	15	3	1	.	.	.	.	.	.	.	19
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	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) = 65.0										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
0.-0.9	4.6- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	8	1	.	.	.	1	.	.	.	10
3.0-3.9	.	5	.	.	.	.	5	.	.	.	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	11	6	0	0	0	6	0	0	0	0	0
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION	AZIMUTH(DEGREES) = 67.5										
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
0.-0.9	4.6- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	5	1	.	.	.	.	.	.	.	.	5
3.0-3.9	.	1	.	.	.	.	.	.	.	.	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	5	7	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	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+	3	11	6	8	0	0	0	0	0	0	0	
TOTAL	3	11	6	8	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	18	.	.	.	.	.	.	.	.	29
2.0-2.9	.	17	.	.	.	.	.	.	.	.	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	35	0	0	0	0	0	0	0	0	0	
TOTAL	11	35	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	22	22	.	.	.	.	.	.	.	.	44
2.0-2.9	.	28	.	.	.	.	.	.	.	.	0
3.0-3.9	.	5	.	.	.	.	.	.	.	.	5
4.0-4.9	.	8	.	.	.	.	.	.	.	.	13
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	22	43	0	0	0	0	0	6	0	0	0	
TOTAL	22	43	0	0	0	0	0	6	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	.	.	.	.	.	.	.	.	.	5
2.0-2.9	17	8	.	.	.	3	.	.	.	.	25
3.0-3.9	.	29	.	.	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+	22	77	0	1	6	0	3	0	0	0	0	
TOTAL	22	77	0	1	6	0	3	0	0	0	0	
MEAN HS(M) =	3.6	LARGEST HS(M)=	5.2	MEAN TP(SEC)=	7.2	NO. OF CASES=	66.					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.-0.9																					0	
1.0-1.9	6	.	.	.	.	1	5	.	.	.	1	.	.	.	.	.	.	.	.	12
2.0-2.9	22	17	16	14	15	16	15	16	17	18	17	16	15	15	15	15	15	15	15	128		
3.0-3.9	.	80	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	134		
4.0-4.9	.	42	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	124		
5.0-5.9	.	3	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	124		
6.0-6.9	.	3	6	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	120		
7.0-7.9	.	1	3	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	120		
8.0-8.9	.	1	1	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	120		
9.0-9.9	.	1	1	1	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	120		
10.0+	.	1	1	1	1	15	15	15	15	15	15	15	15	15	15	15	15	15	15	120		
TOTAL	28	152	98	30	54	22	7	0	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN HS(M) =	4.2	LARGEST HS(M)=	8.2	MEAN TP(SEC)=	8.5	NO. OF CASES=	238.															
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.-0.9																					0	
1.0-1.9	5	.	5	3	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
2.0-2.9	8	51	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150		
3.0-3.9	8	75	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121		
4.0-4.9	.	6	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
5.0-5.9	.	6	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
6.0-6.9	.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
7.0-7.9	.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
8.0-8.9	.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
9.0-9.9	.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
10.0+	.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10		
TOTAL	13	292	307	304	559	445	171	9	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN HS(M) =	5.2	LARGEST HS(M)=	10.9	MEAN TP(SEC)=	10.5	NO. OF CASES=	1240.															
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.-0.9																					0	
1.0-1.9	10	23	35	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8		
2.0-2.9	34	106	174	165	165	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	
3.0-3.9	34	162	147	210	210	306	306	323	323	323	323	323	323	323	323	323	323	323	323	323	1247	
4.0-4.9	.	77	244	256	256	468	468	481	481	481	481	481	481	481	481	481	481	481	481	481	1088	
5.0-5.9	.	3	54	140	140	412	412	422	422	422	422	422	422	422	422	422	422	422	422	422	1088	
6.0-6.9	.	8	13	13	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
7.0-7.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	
8.0-8.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	
9.0-9.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	
10.0+	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	
TOTAL	44	377	662	795	1574	1435	607	36	0	0	0	0	0	0	0	0	0	0	0	0	3246.	
MEAN HS(M) =	4.5	LARGEST HS(M)=	9.7	MEAN TP(SEC)=	11.0	NO. OF CASES=	3246.															
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	16.1	16.2-	22.2	22.3-	LONGER		
0.-0.9																					0	
1.0-1.9	10	159	204	166	166	62	62	1	1	1	1	1	1	1	1	1	1	1	1	1	17	
2.0-2.9	15	174	224	200	200	502	502	390	390	390	390	390	390	390	390	390	390	390	390	390	1673	
3.0-3.9	.	119	224	181	181	615	615	994	994	994	994	994	994	994	994	994	994	994	994	994	1673	
4.0-4.9	.	11	69	181	181	162	162	285	285	285	285	285	285	285	285	285	285	285	285	285	2752	
5.0-5.9	.	11	11	65	65	58	58	100	100	100	100	100	100	100	100	100	100	100	100	1246		
6.0-6.9	.	1	1	1	1	8	8	53	53	53	53	53	53	53	53	53	53	53	53	1009		
7.0-7.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1009	
8.0-8.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1009	
9.0-9.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1009	
10.0+	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1009	
TOTAL	25	383	883	1051	1964	2964	2551	276	0	0	0	0	0	0	0	0	0	0	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.-0.9	54	99	198	8	915	321	17	6	6	1	1	359	6682							
1.0-1.9	53	326	3107	1935	3018	2277	701	65	1	1	1	8561	8561							
2.0-2.9	30	118	704	1647	400	1598	4113	2255	1982	1982	1982	8642	8642							
3.0-3.9	.	46	148	400	1598	4113	2255	1982	1982	1982	1982	4611	4611							
4.0-4.9	.	5	68	72	352	1982	1057	1057	1057	1057	1057	4611	4611							
5.0-5.9	.	.	1	15	47	335	1057	1057	1057	1057	1057	1627	1627							
6.0-6.9	.	.	3	17	44	165	133	133	133	133	133	362	362							
7.0-7.9	.	.	.	.	.	22	13	13	13	13	13	47	47		
8.0-8.9	.	.	.	.	.	5	13	13	13	13	13	18	18		
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	137	594	4226	4083	5950	9078	6206	634	1	0	0	18078.	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.-0.9	263	118	306	29	1158	458	100	3	10	10	10	725	725							
1.0-1.9	87	2353	6005	3258	4637	2736	448	156	156	156	156	15083	15083							
2.0-2.9	292	657	2301	4296	4637	2736	1519	1519	1519	1519	1519	15623	15623							
3.0-3.9	.	302	174	521	78	3247	1673	1516	1516	1516	1516	8426	8426							
4.0-4.9	.	41	106	57	3247	1673	1516	1516	1516	1516	1516	8426	8426							
5.0-5.9	.	.	20	5	22	30	140	140	140	140	140	1069	1069							
6.0-6.9	.	.	.	5	22	30	140	140	140	140	140	231	231							
7.0-7.9	.	.	.	1	5	27	3	3	3	3	3	36	36							
8.0-8.9	.	.	.	.	.	13	.	.	.	.	.	13	13
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	1432	3641	9792	8238	8280	8840	4323	618	13	0	0	26417.	26417.							
MEAN HS(M) = 2.5 LARGEST HS(M)= 8.3 MEAN TP(SEC)= 10.5 NO. OF CASES= 26417.																				

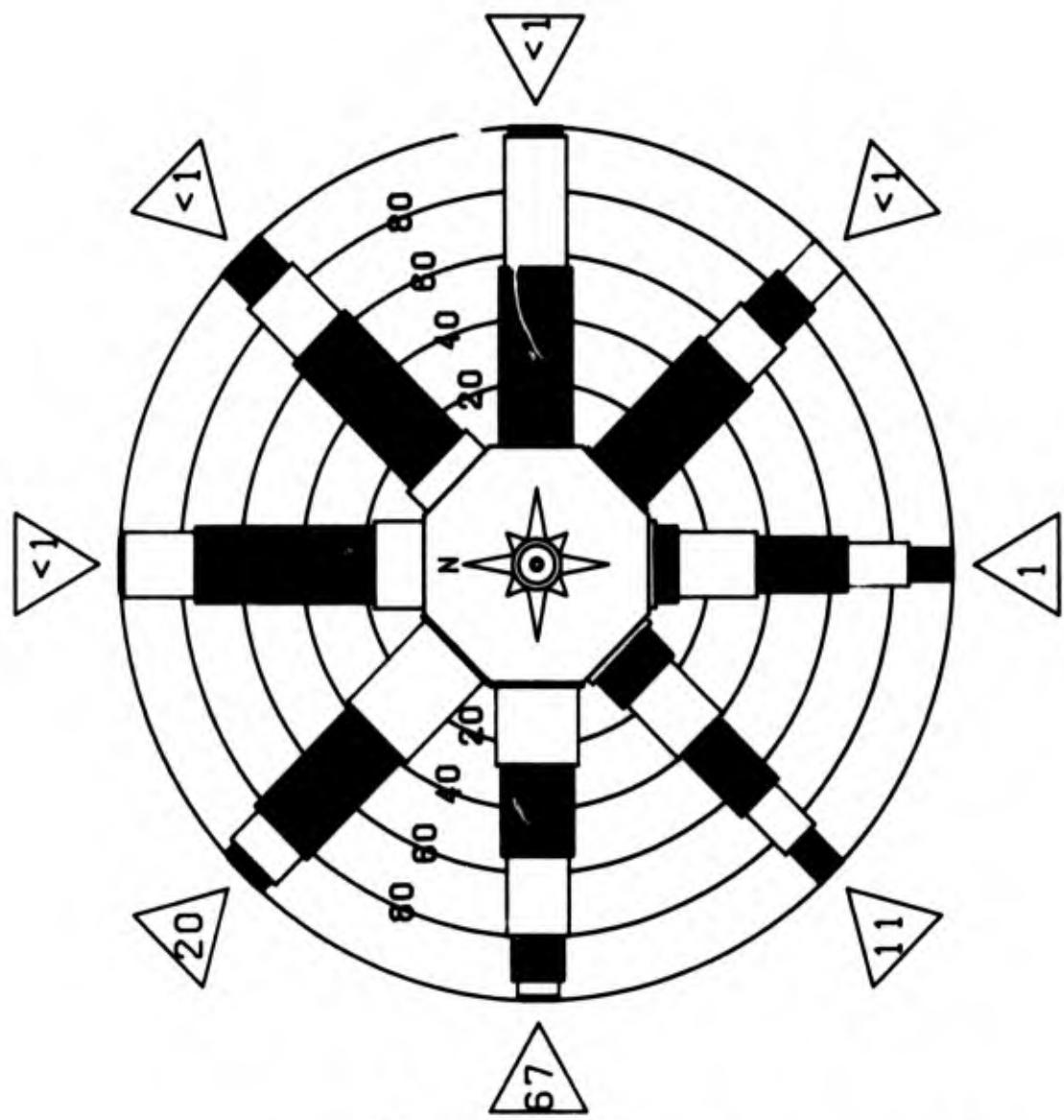
STATION 44 45.45N 125.36W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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.-0.9	59	385	198	75	172	6	6	6	6	6	6	59	59							
1.0-1.9	870	1245	359	289	145	18	5	6	6	6	6	1574	1574							
2.0-2.9	609	1245	359	289	145	18	5	6	6	6	6	2676	2676							
3.0-3.9	.	301	68	8	56	35	.	.	.	.	.	468	468		
4.0-4.9	.	11	46	.	3	13	.	.	.	.	.	73	73		
5.0-5.9	.	.	1	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	1538	1942	672	372	236	74	5	12	0	0	0	2843.	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.-0.9	5	1	3	5	8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5
1.0-1.9	61	195	56	6	1	8	.	.	.	.	.	.	.	.	.	.	.	.	.	72
2.0-2.9	85	195	56	6	1	8	.	.	.	.	.	.	.	.	.	.	.	.	.	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	0	0	0	0	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°45'N 125°36'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.6-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	16.2-	22.3-	
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	16.1	22.2	LONGER	
0.-0.9	38	21	52	3							114
1.0-1.9	101	322	1053	545	220	78	11				2424
2.0-2.9	119	375	1500	672	646	548	123				2477
3.0-3.9			588	147	483	521	242				2446
4.0-4.9			500	74	73	166	510	479			1370
5.0-5.9			162	40	95	129	242	42			567
6.0-6.9			2	3	40	53	66	27			199
7.0-7.9			2	1	4	23	13	27			50
8.0-8.9			1	1	7	13	13	13			10
9.0-9.9			1	1	3	3	13	13			3
10.0+			1	1	1	1	1	1			0
TOTAL	348	783	1665	1485	1861	2283	1386	154	1	0	
MEAN HS(M)=	3.0	LARGEST HS(M)=	10.9	MEAN TP(SEC)=	10.8	TOTAL CASES=	58440.				



STATION 44
 45.45N. 125.36W
 58440 CASES

OVER 5.9 H	5.0-5.9 H	4.0-4.9 H	3.0-3.9 H	2.0-2.9 H	1.0-1.9 H	0.0-0.9 H
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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	
1956	4.1	3.7	3.7	2.9	2.7	2.1	1.8	1.7	1.8	2.0	3.0	3.0	2.6
1957	3.0	3.4	3.0	2.9	2.5	2.5	1.8	1.4	1.9	2.0	3.0	3.0	2.7
1958	3.3	4.4	4.4	4.0	4.4	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1959	4.4	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1960	4.2	4.2	4.2	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1961	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1962	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1963	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1964	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1965	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1966	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1967	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1968	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1969	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1970	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1971	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1972	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1973	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1974	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0
1975	3.8	3.5	3.1	2.6	2.4	1.6	1.6	1.5	1.5	3.3	4.4	3.9	2.7
MEAN	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												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	6.1	5.9	6.1	4.9	4.0	3.8	3.7	3.6	3.8	4.0	4.4	7.2	
1957	5.5	6.6	6.1	4.0	4.6	4.6	3.9	3.9	4.1	4.0	4.9	7.4	
1958	7.7	6.0	6.9	5.2	5.2	5.2	4.7	4.7	4.7	4.7	5.0	7.4	
1959	6.2	6.0	6.4	5.6	5.6	5.6	5.0	5.0	5.0	5.0	5.0	7.3	
1960	7.9	6.9	7.0	6.2	6.2	6.2	5.7	5.7	5.7	5.7	5.5	7.3	
1961	7.2	7.2	7.2	6.9	6.9	6.9	6.4	6.4	6.4	6.4	6.1	7.0	
1962	7.5	7.4	7.4	7.4	7.4	7.4	7.0	7.0	7.0	7.0	7.0	7.0	
1963	7.5	7.4	7.4	7.4	7.4	7.4	7.0	7.0	7.0	7.0	7.0	7.0	
1964	7.5	7.4	7.4	7.4	7.4	7.4	7.0	7.0	7.0	7.0	7.0	7.0	
1965	7.2	7.2	7.2	7.2	7.2	7.2	6.6	6.6	6.6	6.6	6.7	6.9	
1966	7.3	7.3	7.3	7.3	7.3	7.3	6.6	6.6	6.6	6.6	6.7	6.8	
1967	7.3	7.4	7.4	7.4	7.4	7.4	6.6	6.6	6.6	6.6	6.7	6.8	
1968	9.4	7.0	7.4	6.4	6.4	6.4	5.9	5.9	5.9	5.9	7.0	10.0	
1969	9.4	7.0	7.4	6.4	6.4	6.4	5.9	5.9	5.9	5.9	5.9	7.0	
1970	7.2	7.0	7.0	6.0	6.0	6.0	5.4	5.4	5.4	5.4	5.4	6.7	
1971	8.0	7.0	7.0	6.0	6.0	6.0	5.4	5.4	5.4	5.4	5.4	6.6	
1972	8.5	6.6	7.0	6.4	6.4	6.4	5.9	5.9	5.9	5.9	5.9	6.6	
1973	7.9	6.6	7.0	6.4	6.4	6.4	5.9	5.9	5.9	5.9	5.9	6.6	
1974	10.9	6.7	7.0	6.5	6.5	6.5	5.9	5.9	5.9	5.9	5.9	7.0	
1975	5.9	5.7	5.2	4.5	3.9	3.9	2.2	2.2	2.2	1.6	1.6	7.0	

20 YR. STATISTICS FOR PACIFIC STATION 44 (45.45N 125.36W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.0
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 292.5
 STANDARD DEVIATION OF HS(METRES)= 3.3
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 10.9
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 209.0
 DATE OF LARGEST HS OCCURENCE IS(YR,MO,DA,HR) = 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	11.6-	11.7	13.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.3-	LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
2.0-2.9	1	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	13	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	11.6-	11.7	13.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.3-	LONGER		
0.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
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	6	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	
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	11.6-	11.7	13.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.3-	LONGER		
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	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 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	11.6-	11.7	13.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.3-	LONGER		
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	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.														

HEIGHT(METRES)	STATION 45 45.86N 125.07W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN HS(M) =	2.5	LARGEST HS(M)=	3.1	MEAN TP(SEC)=	5.5	NO. OF CASES=	3.														
HEIGHT(METRES)	STATION 45 45.86N 125.07W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	0	0	0	0	0	0	0	0	0		
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.4	MEAN TP(SEC)=	5.3	NO. OF CASES=	5.														
HEIGHT(METRES)	STATION 45 45.86N 125.07W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
MEAN HS(M) =	2.5	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	6.3	NO. OF CASES=	21.														
HEIGHT(METRES)	STATION 45 45.86N 125.07W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										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.-0.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	24	3	0	0	0	4	1	5	0	0	0	0	0	0	0	0	0	0	0		
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	15	15	3	3	1	1	.	.	.	.	.	49
2.0-2.9	6	20	1	10	6	1	3	.	.	.	.	42
3.0-3.9	.	22	5	1	1	5	.	.	.	.	.	10
4.0-4.9	.	3	.	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	22	60	9	20	14	1	3	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	5	.	1	.	1	.	.	.	.	.	.	0
1.0-1.9	23	11	6	3	17	1	.	.	.	.	.	61
2.0-2.9	3	49	72	102	49	27	1	.	.	.	.	218
3.0-3.9	.	25	62	20	116	56	13	.	.	.	.	202
4.0-4.9	.	.	3	1	50	77	16	.	.	.	.	117
5.0-5.9	.	.	.	.	13	53	11	.	.	.	.	78
6.0-6.9	.	.	.	1	1	8	18	.	.	.	.	27
7.0-7.9	.	.	.	.	.	10	.	.	.	.	.	10
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	3
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	31	85	155	164	316	227	59	3	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	6	18	6	6	.	.	.	.	.	.	0
1.0-1.9	13	68	124	131	65	11	8	.	.	.	.	410
2.0-2.9	.	70	124	154	229	102	55	.	.	.	.	684
3.0-3.9	.	37	148	184	460	254	51	1	.	.	.	1135
4.0-4.9	.	1	32	95	407	376	160	.	.	.	.	1001
5.0-5.9	.	.	6	17	136	169	121	.	.	.	.	690
6.0-6.9	.	.	1	5	30	152	121	5	.	.	.	314
7.0-7.9	.	.	.	.	5	70	41	8	.	.	.	124
8.0-8.9	.	.	.	.	5	3	32	11	.	.	.	15
9.0-9.9	.	.	.	.	.	31	1	4	.	.	.	0
TOTAL	14	182	445	594	1338	1337	519	17	0	0	0	14
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	10	22	27	.	.	.	1	.	.	.	.	49
1.0-1.9	23	239	441	123	53	.	1	.	.	.	.	867
2.0-2.9	107	400	582	524	1156	1170	181	5	.	.	.	1645
3.0-3.9	1	99	244	602	1156	1865	183	17	.	.	.	3456
4.0-4.9	.	25	254	285	845	1865	183	17	.	.	.	4074
5.0-5.9	.	.	63	155	443	1387	1081	27	.	.	.	3156
6.0-6.9	.	.	.	34	179	178	726	65	.	.	.	1432
7.0-7.9	.	.	.	3	49	118	258	28	.	.	.	489
8.0-8.9	.	.	.	.	58	94	32	32	.	.	.	184
9.0-9.9	.	.	.	1	30	31	8	8	.	.	.	39
TOTAL	34	492	1429	1785	3300	5112	3222	215	0	0	0	1
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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	
0.-0.9	92	87	59	6	5	212	20	1	3	1	249
1.0-1.9	205	1117	4447	1560	370	1683	333	22	3	8566	8553
2.0-2.9	58	308	2200	3579	3370	1650	1380	78	1	416	416
3.0-3.9	.	193	165	805	3047	3750	1380	121	1	648	648
4.0-4.9	.	23	186	160	992	3182	1984	121	1	3103	3103
5.0-5.9	.	1	66	22	175	205	120	162	1	972	972
6.0-6.9	.	5	22	129	154	580	162	11	1	184	184
7.0-7.9	.	6	29	11	1	13	11	1	1	28	28
8.0-8.9	.	3	1	1	1	1	1	1	1	0	0
9.0-9.9	.	.	.	3	1	3	6	1	1	0	0
TOTAL	355	1729	7128	6237	8331	10185	6130	622	3	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	
0.-0.9	266	80	124	8	715	217	80	17	8	1	458
1.0-1.9	1140	2307	5222	1854	3282	1864	311	59	6	12774	12774
2.0-2.9	475	1242	2233	3234	1587	2453	1024	77	1	6187	6187
3.0-3.9	.	455	176	415	1587	1267	997	100	1	2900	2900
4.0-4.9	.	65	169	44	258	1267	337	85	1	803	803
5.0-5.9	.	32	47	29	273	130	44	1	1	235	235
6.0-6.9	.	5	13	13	30	130	18	1	1	48	48
7.0-7.9	.	6	1	1	17	17	1	1	1	1	1
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1867	4239	7807	5713	5860	6102	2919	400	14	0	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	8.9	MEAN TP(SEC)=	10.1	NO. OF CASES=	20424.				

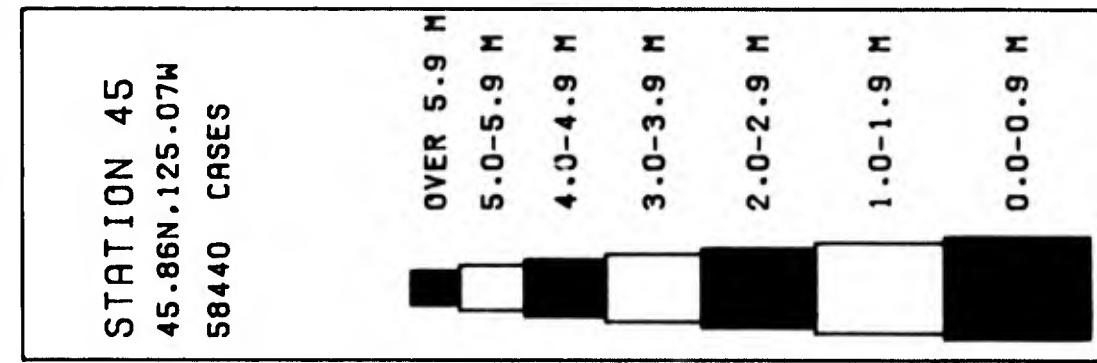
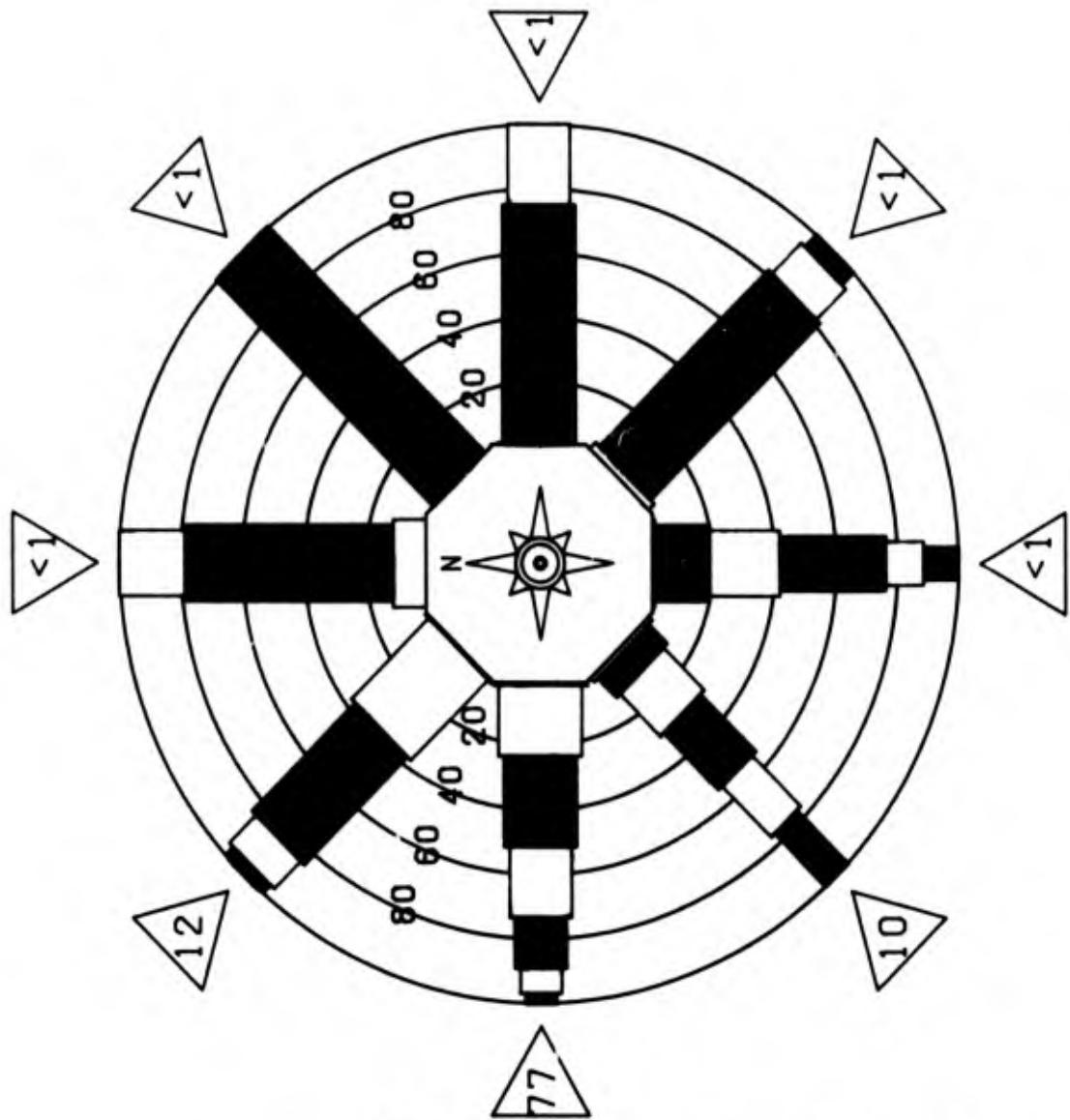
STATION 45 45.86N 125.07W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	
0.-0.9	30	136	59	27	13	5	1	1	1	1	30
1.0-1.9	487	896	162	102	15	10	1	1	1	1	727
2.0-2.9	376	243	162	102	15	10	1	1	1	1	302
3.0-3.9	.	24	25	1	.	.	.	.	.	.	32
4.0-4.9	.	6	3	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	893	1280	279	135	63	26	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-	6.1-	8.1-	9.6-	10.6-	11.7	11.8-	13.4-	15.4-	18.2-	
0.-0.9	1	.	.	.	.	.	.	.	.	.	1
1.0-1.9	18	.	.	.	.	.	.	.	.	.	119
2.0-2.9	35	66	.	10	5	1	3	.	.	.	400
3.0-3.9	1	34	.	1	1	1	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
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)=	6.9	NO. OF CASES=	108.				

HEIGHT(METRES)	STATION 45 45.86N 125.07W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	37	18	21	1								77
1.0-1.9	168	369	1003	357	149	43	10	1	1	1		2141
2.0-2.9	110	271	512	775	733	371	67	9				2846
3.0-3.9	2	117	82	202	600	749	259	15				2035
4.0-4.9					605	680	802	24				1534
5.0-5.9	.	20	84	79	125	308	326					836
6.0-6.9	.	.	20	42	125	308	326	27				444
7.0-7.9	.	.	2	9	41	100	165	27				110
8.0-8.9	.	.	.	1	13	33	49	14				37
9.0-9.9	.	.	.	.	1	13	18	5				6
10.0+	.	.	.	.	.	1	7	1				1
TOTAL	337	815	1724	1466	1924	2297	1284	123	1	0		1
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
WIS STATION 45 (45.86N 125.07W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.7	3.8	3.9	3.0	2.7	2.8	3.0	3.0	2.9	2.2	3.5	4.7	4.6
1957	5.0	4.0	4.0	3.0	2.7	2.8	3.0	3.0	2.9	2.2	3.5	4.7	4.6
1958	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1959	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1960	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1961	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1962	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1963	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1964	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1965	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1966	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1967	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1968	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1969	4.5	3.5	3.5	2.5	2.2	2.3	2.5	2.5	2.4	1.7	3.4	4.6	4.5
1970	5.0	4.0	4.0	3.0	2.7	2.8	3.0	3.0	2.9	2.2	3.5	4.7	4.6
1971	4.4	3.4	3.4	2.4	2.1	2.2	2.4	2.4	2.3	1.6	3.4	4.4	4.3
1972	5.2	4.2	4.2	3.2	2.9	3.0	3.2	3.2	3.1	2.4	3.7	4.7	4.6
1973	5.0	4.0	4.0	3.0	2.7	2.8	3.0	3.0	2.9	2.2	3.5	4.7	4.6
1974	4.4	3.4	3.4	2.4	2.1	2.2	2.4	2.4	2.3	1.6	3.4	4.4	4.3
1975	4.3	3.3	3.3	2.3	2.0	2.1	2.3	2.3	2.2	1.5	3.4	4.3	4.2
MEAN	4.6	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.3	4.3	4.9	

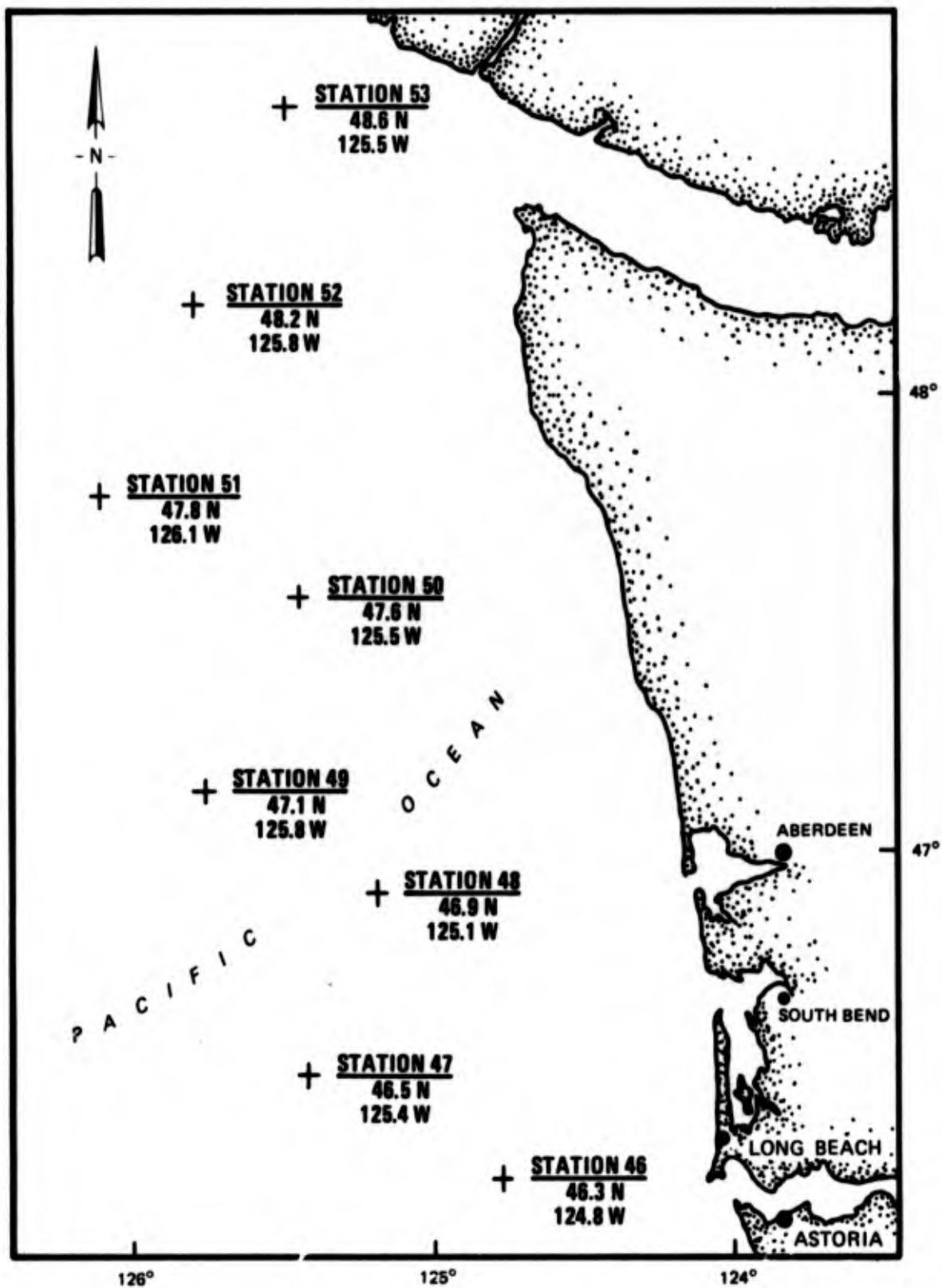
LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 45 (45.86N 125.07W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.5	6.2	6.6	4.5	3.9	3.3	3.8	2.6	2.9	5.0	5.0	8.4
1957	5.5	4.5	4.5	3.5	2.5	2.7	3.0	2.6	2.9	5.0	5.0	8.4
1958	8.0	7.0	7.0	5.0	4.5	4.7	5.0	3.0	3.3	7.0	7.0	11.0
1959	8.0	7.0	7.0	5.0	4.5	4.7	5.0	3.0	3.3	7.0	7.0	11.0
1960	8.0	7.0	7.0	5.0	4.5	4.7	5.0	3.0	3.3	7.0	7.0	11.0
1961	9.2	7.1	6.6	5.3	4.7	4.9	5.5	3.7	4.0	7.7	7.7	14.0
1962	5.9	4.5	4.5	3.5	2.5	2.7	3.0	2.6	2.9	5.0	5.0	8.4
1963	5.6	4.0	4.0	3.0	2.5	2.7	3.0	2.6	2.9	5.0	5.0	8.4
1964	9.0	7.0	7.0	5.0	4.5	4.7	5.0	3.0	3.3	7.0	7.0	11.0
1965	7.7	5.5	5.5	4.0	3.5	3.7	4.0	2.7	3.0	6.7	6.7	10.0
1966	8.4	6.5	6.5	5.2	4.6	4.8	5.0	3.7	4.0	7.0	7.0	11.0
1967	8.5	6.5	6.5	5.2	4.6	4.8	5.0	3.7	4.0	7.0	7.0	11.0
1968	8.5	6.5	6.5	5.2	4.6	4.8	5.0	3.7	4.0	7.0	7.0	11.0
1969	6.6	4.7	4.7	3.2	2.9	3.0	3.2	2.7	3.0	5.0	5.0	8.4
1970	8.4	7.0	7.0	5.5	5.2	5.4	5.6	4.4	4.7	7.0	7.0	11.0
1971	8.7	7.0	7.0	5.5	5.2	5.4	5.6	4.4	4.7	7.0	7.0	11.0
1972	9.4	7.0	7.0	5.5	5.2	5.4	5.6	4.4	4.7	7.0	7.0	11.0
1973	8.4	6.0	6.0	5.5	5.2	5.4	5.6	4.4	4.7	7.0	7.0	11.0
1974	10.7	6.0	6.0	5.5	5.2	5.4	5.6	4.4	4.7	7.0	7.0	11.0
1975	6.4	6.0	6.0	4.7	3.4	2.7	2.4	1.9	5.7	7.1	7.1	11.0

20 YR. STATISTICS FOR PACIFIC STATION 45 (45.86N 125.07W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.6
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 1.5
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 10.7
 TP ((SECONDS)) ASSOC. WITH THE LARGEST HS= 219.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 214.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 74011521

APPENDIX G: STA 46 THROUGH 53



STATION 46 46°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 0									
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL									
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	1				1																0
2.0-2.9		11																			11
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	0	1	0	0	0	0	0	0	0	0	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°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 22.5									
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL									
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	1				1		3														2
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	1	3	0	0	0	0	0	0	0	0	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°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 45.0									
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL									
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	5						3														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	6	0	0	0	3	0	0	0	0	0	0	0	0	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°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 67.5									
HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL									
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	1																				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	4	0	0	0	0	0	0	0	0	0	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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										AZIMUTH(DEGREES) = 90.0		
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0.
1.0-1.9	1	.	.	.	.	.	.	.	.	.	1	1.
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0	0.
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0.
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0.
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0.
TOTAL	12	0	0	0	0	0	0	0	0	0	0	0.
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 112.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0.
1.0-1.9	13	.	.	.	.	.	.	.	.	.	13	13.
2.0-2.9	.	.	.	.	.	.	.	.	.	.	0	0.
3.0-3.9	.	.	.	.	.	.	.	.	.	.	0	0.
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0.
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0.
TOTAL	13	0	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=						8.
STATION 46 46.27N 124.77W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 135.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0.
1.0-1.9	5	.	.	.	.	.	.	.	.	.	5	5.
2.0-2.9	6	.	.	.	.	3	.	.	.	.	6	6.
3.0-3.9	.	.	.	.	.	.	.	1	.	.	0	0.
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0.
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0.
TOTAL	48	0	0	0	0	3	0	4	0	0	0	0.
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												AZIMUTH(DEGREES) = 157.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0	0.
1.0-1.9	5	.	.	.	.	.	.	.	.	.	5	5.
2.0-2.9	3	1	.	.	.	3	.	.	.	.	3	3.
3.0-3.9	3	17	3	.	.	.	3	3	.	.	20	20.
4.0-4.9	.	.	.	.	.	.	.	.	.	.	0	0.
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0	0.
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0	0.
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0	0.
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0	0.
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0	0.
TOTAL	28	21	0	0	3	3	3	3	0	0	0	0.
MEAN HS(M) =	3.0	LARGEST HS(M)=	4.4	MEAN TP(SEC)=	6.8	NO. OF CASES=						36.

HEIGHT(METRES)	STATION 46 46°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL
	PEAK PERIOD(SECONDS)												
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	5	.	1	1	.	6	.	1	.	.	.	.	0
1.0-1.9	46	1	1	5	10	1	1	1	.	.	.	.	1450
2.0-2.9	10	20	3	5	10	3	1	.	.	.	.	.	290
3.0-3.9	.	10	3	1	1	.	.	.	.	.	.	.	300
4.0-4.9	.	1	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	1	.	1	1	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	61	32	5	6	30	4	1	0	0	0	0	0	0
MEAN HS(M) =	3.2	LARGEST HS(M)=	5.8	MEAN TP(SEC)=	7.6	NO. OF CASES=	87.						
STATION 46 46°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	3	.	3	10	3	.	.	1	.	.	.	.	0
1.0-1.9	34	17	17	1	37	1	1	1	.	.	.	.	106
2.0-2.9	17	44	95	68	59	34	6	1	.	.	.	.	298
3.0-3.9	5	23	77	148	90	77	2	2	.	.	.	.	178
4.0-4.9	.	6	6	15	15	7	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
TOTAL	54	66	138	162	353	218	64	2	1	0	0	0	0
MEAN HS(M) =	4.5	LARGEST HS(M)=	10.7	MEAN TP(SEC)=	10.5	NO. OF CASES=	630.						
STATION 46 46°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	8	34	44	11	10	.	.	.	.	.	.	.	0
1.0-1.9	37	82	198	192	123	66	15	.	.	.	.	.	107
2.0-2.9	8	29	116	234	734	434	116	6	.	.	.	.	1206
3.0-3.9	1	17	29	403	511	114	154	.	.	.	.	.	1115
4.0-4.9	.	1	1	6	6	12	95	6	.	.	.	.	1283
5.0-5.9	.	.	.	1	1	114	98	1	.	.	.	.	183
6.0-6.9	.	.	.	.	3	8	41	1	.	.	.	.	52
7.0-7.9	.	.	.	.	.	8	1	1	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	53	205	531	693	1778	1695	570	17	0	0	0	0	0
MEAN HS(M) =	4.4	LARGEST HS(M)=	10.3	MEAN TP(SEC)=	11.2	NO. OF CASES=	3253.						
STATION 46 46°27'N 124°77'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION													
HEIGHT(METRES)	PEAK PERIOD(SECONDS)												TOTAL
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER
0.0-0.9	27	201	41	188	78	1	6	1	.	.	.	.	49
1.0-1.9	42	85	309	460	617	450	80	13	3	.	.	.	936
2.0-2.9	.	154	208	608	613	1404	544	25	.	.	.	.	2059
3.0-3.9	.	32	208	200	520	1029	1050	75	.	.	.	.	3034
4.0-4.9	.	1	34	35	177	426	573	104	.	.	.	.	1350
5.0-5.9	.	3	1	1	6	131	105	54	10	.	.	.	1430
6.0-6.9	.	.	.	1	44	59	65	8	8	.	.	.	21
7.0-7.9	.	.	.	.	1	1	13	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	69	481	1116	1295	2366	3530	2538	228	3	0	0	0	0
MEAN HS(M) =	3.8	LARGEST HS(M)=	9.1	MEAN TP(SEC)=	11.7	NO. OF CASES=	6811.						

STATION 46 46°27'N 124°77'W AZIMUTH(DEGREES) =270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	82	205	272	25	5	1	448	47	18	1	.	590
1.0-1.9	111	220	4166	2286	1073	2363	634	37	18	.	.	8676
2.0-2.9	30	145	879	2059	3559	2306	2472	90	.	.	.	9723
3.0-3.9	.	100	407	1796	371	1844	2277	213	.	.	.	4914
4.0-4.9	.	41	97	21	371	1844	2277	213	.	.	.	4884
5.0-5.9	.	.	35	15	20	271	685	275	.	.	.	4820
6.0-6.9	.	.	5	20	49	184	159	.	.	.	.	453
7.0-7.9	.	.	3	20	49	184	159	37	.	.	.	420
8.0-8.9	.	.	1	.	1	15	15	.	.	.	.	12
9.0-9.9	.	.	.	.	.	1	10	.	.	.	.	0
TOTAL	223	1011	5552	4880	6864	9285	6615	839	19	0	.	0
MEAN HS(M) =	2.9	LARGEST HS(M)=	8.6	MEAN TP(SEC)=	11.5	NO. OF CASES=	20640.					

STATION 46 46°27'N 124°77'W AZIMUTH(DEGREES) =292.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	342	174	350	41	5	41	340	88	35	11	.	953
1.0-1.9	1261	2753	6921	2760	1223	2597	390	58	11	.	.	14968
2.0-2.9	516	1159	2164	371	4232	3107	1480	65	.	.	.	7509
3.0-3.9	.	503	172	367	1815	1167	152	.	.	.	.	3203
4.0-4.9	.	71	179	44	215	171	475	14	.	.	.	952
5.0-5.9	.	.	41	63	88	22	107	14	.	.	.	262
6.0-6.9	.	.	3	13	20	22	105	15	.	.	.	260
7.0-7.9	.	.	3	3	3	5	15	.	.	.	.	41
8.0-8.9	.	.	.	.	1	17	.	.	.	.	.	18
9.0-9.9	.	.	.	.	.	1	.	.	.	.	.	1
TOTAL	2119	4640	9830	7066	7691	7659	3740	476	22	0	.	0
MEAN HS(M) =	2.5	LARGEST HS(M)=	9.1	MEAN TP(SEC)=	10.2	NO. OF CASES=	25287.					

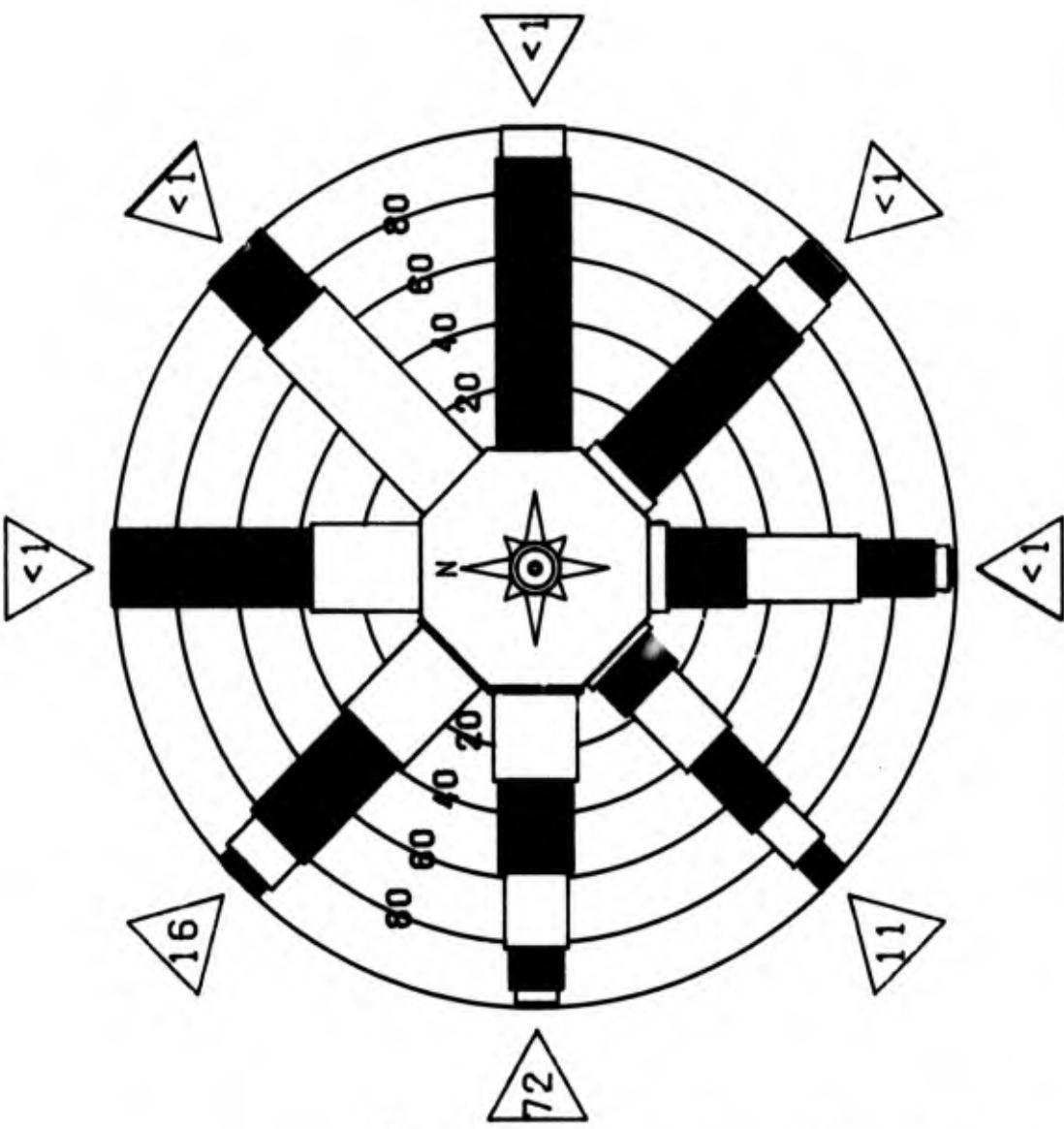
STATION 46 46°27'N 124°77'W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	29	15	77	34	3	5	.	.	.	.	.	44
1.0-1.9	535	148	135	140	58	25	.	.	.	.	.	802
2.0-2.9	403	720	135	41	56	27	34	.	.	.	.	1363
3.0-3.9	1	195	41	58	27	1	.	.	.	.	.	303
4.0-4.9	.	3	1	1	.	.	.	.	.	.	.	17
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	968	1081	262	186	88	65	0	0	0	0	.	0
MEAN HS(M) =	2.2	LARGEST HS(M)=	6.0	MEAN TP(SEC)=	6.9	NO. OF CASES=	1555.					

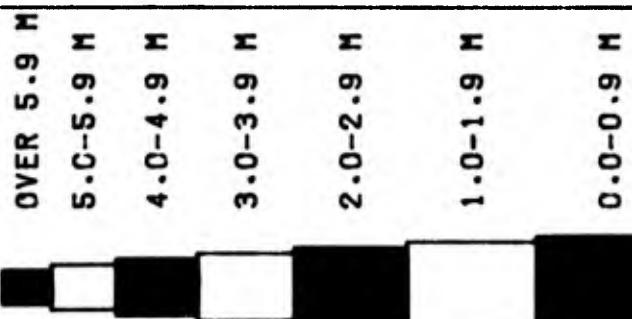
STATION 46 46°27'N 124°77'W AZIMUTH(DEGREES) =337.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	1	.	.	.	.	.	.	.	.	1
1.0-1.9	16	.	1	.	.	.	.	.	.	.	.	15
2.0-2.9	27	42	.	3	.	1	.	.	.	.	.	13
3.0-3.9	1	11	.	.	.	.	.	.	.	.	.	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	47	54	1	3	0	4	0	0	0	0	.	68.
MEAN HS(M) =	2.4	LARGEST HS(M)=	4.2	MEAN TP(SEC)=	6.4	NO. OF CASES=	68.					

HEIGHT(METRES)	STATION 46 46°27'N 124°77'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS											TOTAL
	4.6- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	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	3	4	14	5	1	.	162	2697
1.0-1.9	199	365	1166	530	239	79	12	5	3	.	2025	3025
2.0-2.9	124	110	370	650	874	550	12	5	3	.	1312	2300
3.0-3.9	5	19	77	158	203	911	456	256	40	.	1312	1312
4.0-4.9	.	.	51	53	201	475	453	49	.	.	162	162
5.0-5.9	.	.	13	15	60	145	210	49	.	.	162	162
6.0-6.9	.	.	1	15	16	56	255	25	.	.	162	162
7.0-7.9	.	.	.	1	1	20	18	6	.	.	162	162
8.0-8.9	.	.	.	.	1	1	1	1	.	.	11	11
9.0-9.9	.	.	.	.	.	1	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	.	0	0
TOTAL	373	757	1743	1427	1915	2244	1352	151	4	0		
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



MEAN HS(METRES) BY MONTH AND YEAR

WIS STATION 46 (46.27N 124.77W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.8	3.6	5	5.7	6.6	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1957	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1958	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1959	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1960	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1961	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1962	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1963	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1964	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1965	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1966	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1967	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1968	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1969	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1970	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1971	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1972	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1973	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1974	4.0	4.0	4.4	5.0	6.0	2.0	1.7	1.6	1.8	1.0	1.0	3.6	3.7
1975	3.7	3.4	3.1	2.5	2.2	1.5	1.4	1.4	1.2	3.1	4.2	3.9	2.6
MEAN	4.1	3.8	3.4	2.9	2.2	1.8	1.7	1.6	2.0	3.0	3.9	4.4	

LARGEST HS(METRES) BY MONTH AND YEAR

WIS STATION 46 (46.27N 124.77W)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	7.7	5.9	5.7	4.1	3.7	4.8	3.8	3.5	3.0	5.6	4.8	7.6
1957	4.7	4.4	4.6	4.0	4.0	4.0	4.0	4.0	4.0	5.7	6.1	7.0
1958	7.5	6.2	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.5	6.5	7.0
1959	8.1	6.2	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.5	6.5	7.9
1960	7.0	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.5	6.5	7.7
1961	7.0	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.5	6.5	7.4
1962	5.5	4.4	4.4	4.4	4.4	4.0	4.0	4.0	4.0	7.0	7.0	6.0
1963	6.0	7.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	5.9	5.9	7.7
1964	6.0	5.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.7
1965	6.0	5.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.1
1966	7.0	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1967	7.0	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1968	8.3	7.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	7.0	7.0	9.0
1969	6.1	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1970	6.4	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1971	8.3	7.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1972	8.1	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1973	7.5	6.0	4.4	4.4	4.4	4.0	4.0	4.0	4.0	6.0	6.0	7.0
1974	10.7	7.1	6.0	4.4	4.4	4.0	4.0	4.0	4.0	7.0	7.0	7.0
1975	5.8	5.8	4.4	4.4	4.4	4.0	4.0	4.0	4.0	7.4	7.4	7.9

20 YR. STATISTICS FOR PACIFIC STATION 46 (46.27N 124.77W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)=	2.9
MEAN PEAK WAVE PERIOD (SECONDS)=	10.9
MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)=	292.5
STANDARD DEVIATION OF HS(METRES)=	1.3
STANDARD DEVIATION OF TP(SECONDS)=	2.4
LARGEST HS(METRES)=	19.7
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,MD,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-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0	
1.0-1.9	.	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	0	2	0	0	0	0	0	0	0	0	0	
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-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
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
10.0+	.	.	.	.	.	.	.	.	.	.	0
TOTAL	3	1	0	1	0	0	0	0	0	0	0	
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.9	MEAN TP(SEC)=	6.8	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-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	3	.	.	.	.	.	.	.	.	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	1	3	0	0	0	0	0	0	0	0	0	
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-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	0	
1.0-1.9	.	3	.	1	.	.	.	.	.	.	4
2.0-2.9	.	1	.	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	0	4	0	1	0	0	0	0	0	0	0	
MEAN HS(M) =	2.6	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	10	.	1	.	.	.	.	.	.	16
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+	5	12	0	1	0	0	0	0	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	1	23	.	1	.	.	.	.	.	.	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+	7	27	0	1	0	0	0	0	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	25	.	1	.	1	.	.	.	.	30
2.0-2.9	.	35	.	1	.	.	3	.	.	.	37
3.0-3.9	.	1	.	.	.	.	.	.	.	.	1
4.0-4.9	.	18	.	.	.	.	.	.	.	.	18
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
10.0+	10	79	1	0	2	0	3	0	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.2-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	11	20	.	3	.	1	1	5	.	.	36
2.0-2.9	.	26	.	6	.	1	1	5	.	.	42
3.0-3.9	.	6	6	.	.	.	.	.	.	.	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+	12	97	6	0	5	2	5	0	0	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	15	3	1	1	1	1	1	1	1	1	0
0.0-1.9	1	15	10	3	5	3	1	1	1	1	1	201
0.0-2.9	1	54	15	27	17	13	1	1	1	1	1	141
0.0-3.9	1	5	23	8	12	14	1	1	1	1	1	20
0.0-4.9	1	1	1	3	1	1	1	1	1	1	1	1
0.0-5.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-6.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	7	151	78	47	53	26	6	0	0	0	0	0
MEAN HS(M) =	4.4	LARGEST HS(M)=	9.4	MEAN TP(SEC)=	8.6	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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1	0
0.0-1.9	15	46	13	1	6	4	1	1	1	1	1	94
0.0-2.9	1	138	123	111	106	100	100	100	100	100	100	369
0.0-3.9	1	59	121	115	105	100	100	100	100	100	100	346
0.0-4.9	1	5	12	11	10	9	9	9	9	9	9	240
0.0-5.9	1	10	15	13	12	11	11	11	11	11	11	113
0.0-6.9	1	6	12	11	10	9	9	9	9	9	9	116
0.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	15	248	281	240	417	325	96	100	100	100	100	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	11	16	8	6	4	1	1	1	1	1	46
0.0-1.9	25	102	138	162	162	162	162	162	162	162	162	463
0.0-2.9	1	160	138	162	162	162	162	162	162	162	162	463
0.0-3.9	1	54	207	165	465	314	162	162	162	162	162	1100
0.0-4.9	1	3	67	110	309	455	162	162	162	162	162	988
0.0-5.9	1	1	27	181	162	162	162	162	162	162	162	111
0.0-6.9	1	1	5	36	171	162	162	162	162	162	162	153
0.0-7.9	1	1	5	36	171	162	162	162	162	162	162	153
0.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1
0.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1
TOTAL	26	302	560	682	1344	1588	676	26	0	0	0	22
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-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	39	30	23	205	37	1	3	1	1	1	1	51
0.0-1.9	29	313	516	600	121	121	121	121	121	121	121	5164
0.0-2.9	1	160	260	260	1246	1500	1500	1500	1500	1500	1500	5668
0.0-3.9	1	1	1	1	1	1	1	1	1	1	1	3324
0.0-4.9	1	1	1	1	1	1	1	1	1	1	1	4722
0.0-5.9	1	1	1	1	1	1	1	1	1	1	1	1722
0.0-6.9	1	1	1	1	1	1	1	1	1	1	1	1722
0.0-7.9	1	1	1	1	1	1	1	1	1	1	1	1722
0.0-8.9	1	1	1	1	1	1	1	1	1	1	1	1722
0.0-9.9	1	1	1	1	1	1	1	1	1	1	1	1722
TOTAL	68	723	1611	1946	3501	5326	3260	239	0	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° 50'N 125° 42'W 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-
0.0-0.9	123	160	85	13	3	20	17	.	.	5	.	404	9368						
1.0-1.9	232	1587	5030	1562	720	212	17	10	6	1	.	12182	2186						
2.0-2.9	94	2306	2300	3908	3513	1267	104	10	6	1	.	6431	6431						
3.0-3.9	.	226	2122	920	3148	1264	1492	1626	131	.	.	3143	3143						
4.0-4.9	.	35	193	128	994	3122	1659	207	.	.	.	888	888						
5.0-5.9	.	.	1	109	152	133	1518	164	.	.	.	172	172						
6.0-6.9	.	.	1	23	150	17	10	164	.	.	.	36	36						
7.0-7.9	.	.	1	1	34	17	10	16	.	.	.	0	0						
8.0-8.9	.	.	1	1	1	1	1	1	1	1	1	0	0						
9.0-9.9	.	.	.	.	.	.	.	.	1	6	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	0	.	0	0
TOTAL	454	2315	7975	6579	8614	9486	5733	651	9	0	.	0	0						
MEAN HS(M) =	3.1	LARGEST HS(M) =	9.3	MEAN TP(SEC) =	11.0	NO. OF CASES =	24454.												

STATION 47 46° 50'N 125° 42'W 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-
0.0-0.9	244	94	131	27	588	104	71	25	6	.	.	502	10375						
1.0-1.9	1161	2388	4503	1529	2946	2997	1617	256	59	6	.	12024	12024						
2.0-2.9	550	1552	2044	2044	1432	2152	628	628	72	.	.	5663	5663						
3.0-3.9	.	525	189	374	49	256	1083	8008	72	.	.	2293	2293						
4.0-4.9	.	58	195	32	37	30	273	313	63	.	.	750	750						
5.0-5.9	.	.	32	18	13	49	142	142	63	.	.	266	266						
6.0-6.9	.	.	5	6	6	1	25	20	.	.	.	52	52						
7.0-7.9	.	.	.	.	.	.	10	.	.	.	.	10	10
8.0-8.9	.	.	.	.	.	.	6	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	0	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	0	.	.	0	0
TOTAL	1955	4617	7099	4980	5322	5287	2596	301	12	0	.	0	0						
MEAN HS(M) =	2.5	LARGEST HS(M) =	9.2	MEAN TP(SEC) =	9.9	NO. OF CASES =	18818.												

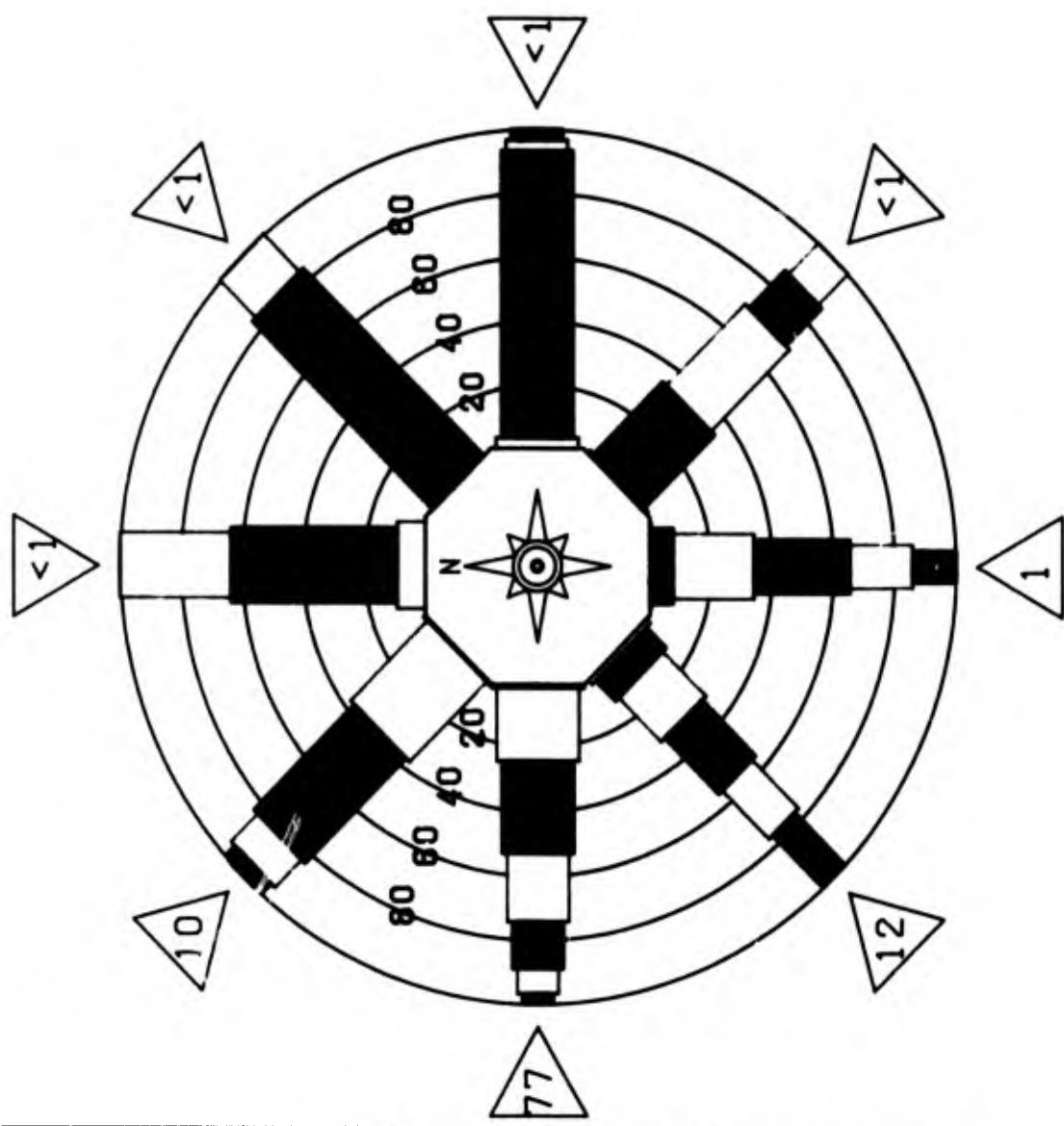
STATION 47 46° 50'N 125° 42'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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-
0.0-0.9	13	107	44	20	16	3	.	.	.	.	.	.	13	428
1.0-1.9	240	585	87	46	32	10	.	.	.	.	.	.	959	959
2.0-2.9	176	124	15	.	11	6	.	.	.	.	.	.	156	156
3.0-3.9	.	3	14	1	.	1	.	.	.	.	.	.	17	17
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	.	.	.	.	.	.	.	.	.	0	.	.	0	0
TOTAL	438	819	162	67	51	20	0	0	0	0	0	0	917.	917.					
MEAN HS(M) =	2.3	LARGEST HS(M) =	5.3	MEAN TP(SEC) =	6.9	NO. OF CASES =													

STATION 47 46° 50'N 125° 42'W 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-
0.0-0.9	5	.	.	.	.	.	.	.	.	.	.	.	0	0
1.0-1.9	27	17	1	.	.	5	6	.	.	.	.	.	24	24
2.0-2.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
3.0-3.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	0	0
10.0+	32	44	1	0	0	11	0	0	0	0	0	0	53.	53.					
MEAN HS(M) =	2.6	LARGEST HS(M) =	3.6	MEAN TP(SEC) =	7.1	NO. OF CASES =													

HEIGHT(METRES)	STATION 47 46°50'N 125°42'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
0.0-0.9	170	440	1012	332	137	32	6	1	1	1	96
1.0-1.9	97	294	517	776	719	330	59	7	1	1	2809
2.0-2.9	.	145	81	207	629	698	246	9	1	1	2017
3.0-3.9	.	33	103	71	574	652	147	22	1	1	1502
4.0-4.9	.	4	32	46	101	106	164	29	1	1	675
5.0-5.9	.	.	3	13	102	108	161	29	1	1	679
6.0-6.9	.	.	.	1	14	38	46	14	1	1	115
7.0-7.9	.	.	.	.	1	1	16	19	1	1	41
8.0-8.9	.	.	.	.	.	1	6	2	1	1	11
9.0-9.9	.	.	.	.	.	3	1	1	0	1	3
TOTAL	305	944	1777	1453	1930	2205	1236	119	2	0	
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

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-C.9 M

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	
1956	4.7	3.9	3.0	2.9	2.7	2.2	1.8	1.7	1.9	2.2	3.6	4.4	3.9
1957	4.2	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1958	4.0	2.9	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.5	2.5
1959	4.2	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1960	4.4	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.5	2.5
1961	4.2	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1962	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1963	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1964	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1965	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1966	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1967	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1968	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1969	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1970	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1971	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1972	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1973	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1974	4.0	3.0	2.5	2.0	1.8	1.7	1.5	1.4	1.5	1.7	2.0	2.4	2.4
1975	4.3	3.9	3.4	2.6	2.3	1.5	1.5	1.5	1.4	3.4	4.8	4.4	2.9
MEAN	4.7	4.3	3.8	3.2	2.4	2.0	1.8	1.7	2.1	3.4	4.3	5.0	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 47 (46.50N 125.42W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.6	6.1	6.6	6.0	6.5	3.1	7	2.5	3.0	5.1	5.3	9.0
1957	8.0	6.0	6.0	5.5	5.2	3.0	7	2.5	3.0	5.1	5.3	7.7
1958	8.4	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	9.3
1959	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.5
1960	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.1
1961	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.1
1962	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.1
1963	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1964	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1965	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1966	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1967	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1968	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1969	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1970	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1971	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1972	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1973	8.0	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1974	10.9	6.0	6.0	5.4	5.2	3.0	7	2.5	3.1	5.0	5.3	7.0
1975	6.2	5.9	5.9	4.9	3.5	2.4	7.2	2.3	2.0	5.8	7.0	9.1

20 YR. STATISTICS FOR PACIFIC STATION 47 (46.50N 125.42W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 0.5(CENTERED) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 3.5
 STANDARD DEVIATION OF TP(SECONDS)= 3.4
 LARGEST HS(METRES)= 11.9
 TP (SECONDS) ASSOC WITH THE LARGEST HS= 14.3
 AVE DIRECTION (DEGREES) ASSOC WITH THE LARGEST HS= 221.0
 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-	8.1-	8.9-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	
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) =	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-	8.1-	8.9-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	
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	0	0	0	1	0	0	0	0	0	0
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-	8.1-	8.9-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	
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	3	0	0	0	0	0	0	0	0	0	0
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-	8.1-	8.9-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	
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	2	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.1	LARGEST HS(M)=	2.3	MEAN TP(SEC)=	5.1	NO. OF CASES=	2.				

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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	.	.	.	3	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	3	.	.	.	.	.	.	.	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	3	0	0	3	0	0	0	0	0	0	0	0	0
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) = 90.0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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	.	.	.	.	.	.	.	.	.	.	.	.	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	0	0	0
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) = 112.5												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	.	.	6
2.0-2.9	34	.	.	.	.	3	.	.	.	.	.	.	34
3.0-3.9	3	.	.	.	.	.	.	.	.	.	.	.	3
4.0-4.9	.	5	.	.	.	.	.	1	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	0	3	0	1	0	0	0	0	0
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) = 135.0												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	.	.	6
2.0-2.9	34	.	.	.	.	3	.	.	.	.	.	.	34
3.0-3.9	3	.	.	.	.	.	.	1	.	.	.	.	3
4.0-4.9	.	5	.	.	.	.	.	6	.	.	.	.	5
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	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	0	3	0	1	0	0	0	0	0
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												
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												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	.	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	2	.	.	.	.	.	.	.	.	.	.	.	2
2.0-2.9	5	18	.	.	.	1	.	6	.	.	.	.	25
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	30	26	0	0	5	0	7	0	0	0	0	0	0
MEAN HS(M) = 3.2	LARGEST HS(M)= 4.7	MEAN TP(SEC)= 7.3	NO. OF CASES= 43.										

HEIGHT(METRES)	STATION 48 46° 91'N 125° 11'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL	
	PEAK PERIOD(SECONDS)													
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.7	13.3	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	1	.	1	.	5	.	.	.	.	.	.	.	.	0
1.0-1.9	3	15	15	15	6	10	1	1	1	1	.	.	.	57
2.0-2.9	15	15	15	15	22	10	3	1	.	.	.	.	.	56
3.0-3.9	.	13	10	10	22	10	3	.	.	.	.	.	.	16
4.0-4.9	.	3	5	1	1	1	1	.	.	.	.	.	.	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	48	66	26	32	35	7	1	0	0	0	0	0	0	0
MEAN HS(M) =	3.7	LARGEST HS(M)=	7.1	MEAN TP(SEC)=	8.2	NO. OF CASES=	134.							
STATION 48 46° 91'N 125° 11'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION														AZIMUTH(DEGREES) = 202.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)													TOTAL
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.7	13.3	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	3	.	6	1	10	.	.	.	.	.	.	.	.	0
1.0-1.9	3	59	20	140	86	86	31	1	.	.	.	.	.	149
2.0-2.9	11	11	145	94	147	162	30	1	.	.	.	.	.	479
3.0-3.9	.	45	18	29	191	119	17	.	.	.	.	.	.	554
4.0-4.9	.	3	18	5	42	56	26	.	.	.	.	.	.	377
5.0-5.9	.	.	1	5	8	56	26	.	.	.	.	.	.	170
6.0-6.9	.	.	.	.	3	3	3	.	.	.	.	.	.	67
7.0-7.9	.	.	.	.	.	3	3	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	3	.	.	.	.	.	.	35
9.0-9.9	.	.	.	.	.	.	3	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	51	216	276	263	558	406	98	9	0	0	0	0	0	0
MEAN HS(M) =	4.6	LARGEST HS(M)=	10.3	MEAN TP(SEC)=	10.4	NO. OF CASES=	1112.							
STATION 48 46° 91'N 125° 11'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION														AZIMUTH(DEGREES) = 225.0
HEIGHT(METRES)	PEAK PERIOD(SECONDS)													TOTAL
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.7	13.3	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	17	41	51	20	6	.	.	.	.	.	.	.	.	0
1.0-1.9	58	150	215	188	196	88	18	.	.	.	.	.	.	815
2.0-2.9	18	181	216	222	297	378	88	.	.	.	.	.	.	1695
3.0-3.9	.	48	224	260	660	482	192	6	.	.	.	.	.	1099
4.0-4.9	.	1	39	11	424	593	179	6	.	.	.	.	.	1307
5.0-5.9	.	.	8	11	90	340	135	10	.	.	.	.	.	594
6.0-6.9	.	.	1	.	15	131	85	10	.	.	.	.	.	242
7.0-7.9	.	.	.	.	1	1	13	1	.	.	.	.	.	18
8.0-8.9	.	.	.	.	.	1	1	1	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	1	1	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	85	422	757	841	1888	2020	757	33	0	0	0	0	0	0
MEAN HS(M) =	4.4	LARGEST HS(M)=	9.6	MEAN TP(SEC)=	11.1	NO. OF CASES=	3991.							
STATION 48 46° 91'N 125° 11'W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION														AZIMUTH(DEGREES) = 247.5
HEIGHT(METRES)	PEAK PERIOD(SECONDS)													TOTAL
	4.4-	6.0-	6.1-	8.1-	9.6-	10.6-	11.6-	11.7	13.3	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	8	20	61	.	6	.	.	.	.	.	.	.	.	89
1.0-1.9	32	249	602	248	88	596	11	8	8	1	.	.	.	1234
2.0-2.9	49	128	408	614	805	1565	83	17	569	23	.	.	.	2694
3.0-3.9	1	133	254	499	441	1265	1291	23	1291	23	.	.	.	4070
4.0-4.9	.	42	136	143	46	171	352	646	1262	23	.	.	.	1475
5.0-5.9	.	.	18	46	171	352	646	1262	23	23	.	.	.	1359
6.0-6.9	.	.	1	3	1	51	186	40	20	20	.	.	.	430
7.0-7.9	.	.	.	.	.	.	.	15	11	11	.	.	.	120
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	29
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	93	572	1473	1560	2480	3922	2844	356	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	106	254	415	39	8	516	54	34	.	.	.	822
1.0-1.9	123	254	5095	2939	1348	2819	751	27	11	.	.	10663
2.0-2.9	37	155	901	2306	4048	2281	1251	106	.	.	.	10555
3.0-3.9	.	85	112	393	1644	2274	2274	106	.	.	.	2428
4.0-4.9	.	17	62	68	127	233	2274	106	.	.	.	4576
5.0-5.9	.	.	15	22	42	233	111	114	.	.	.	1349
6.0-6.9	.	.	.	6	25	23	116	116	.	.	.	279
7.0-7.9	.	.	.	.	3	1	1	1	.	.	.	27
8.0-8.9	.	.	.	.	1	1	1	1	.	.	.	5
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	266	1065	6632	5785	7474	9445	6630	816	11	0	.	0
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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	374	227	390	56	32	66	54	11	.	.	.	1079
1.0-1.9	1282	3050	6247	2702	1224	2453	5201	57	18	.	.	1244
2.0-2.9	540	1261	1791	2963	1411	2268	1201	54	.	.	.	13096
3.0-3.9	444	162	263	44	207	982	590	107	.	.	.	5803
4.0-4.9	42	125	29	53	49	147	292	47	.	.	.	2117
5.0-5.9	1	1	1	10	23	76	17	.	.	.	.	118
6.0-6.9	.	.	15	1	1	15	.	.	.	.	.	15
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	2197	4995	8754	6099	6420	6250	2756	321	19	0	.	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	8.7	MEAN TP(SEC)=	9.9	NO. OF CASES=	22113.					

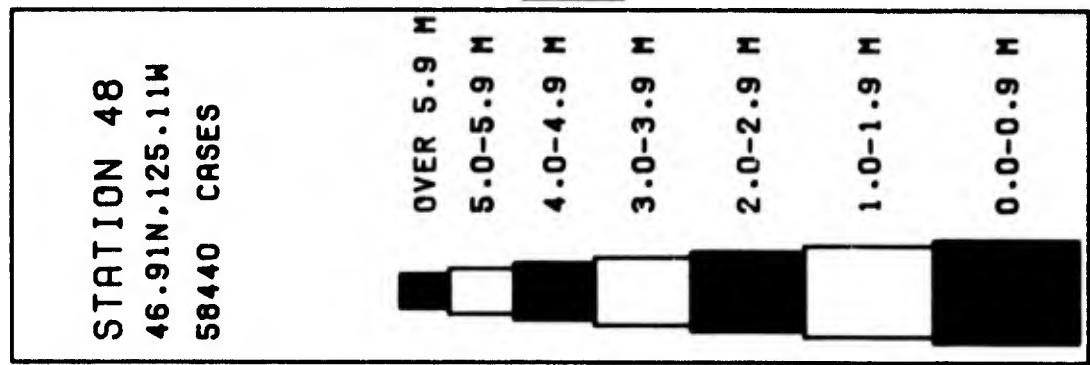
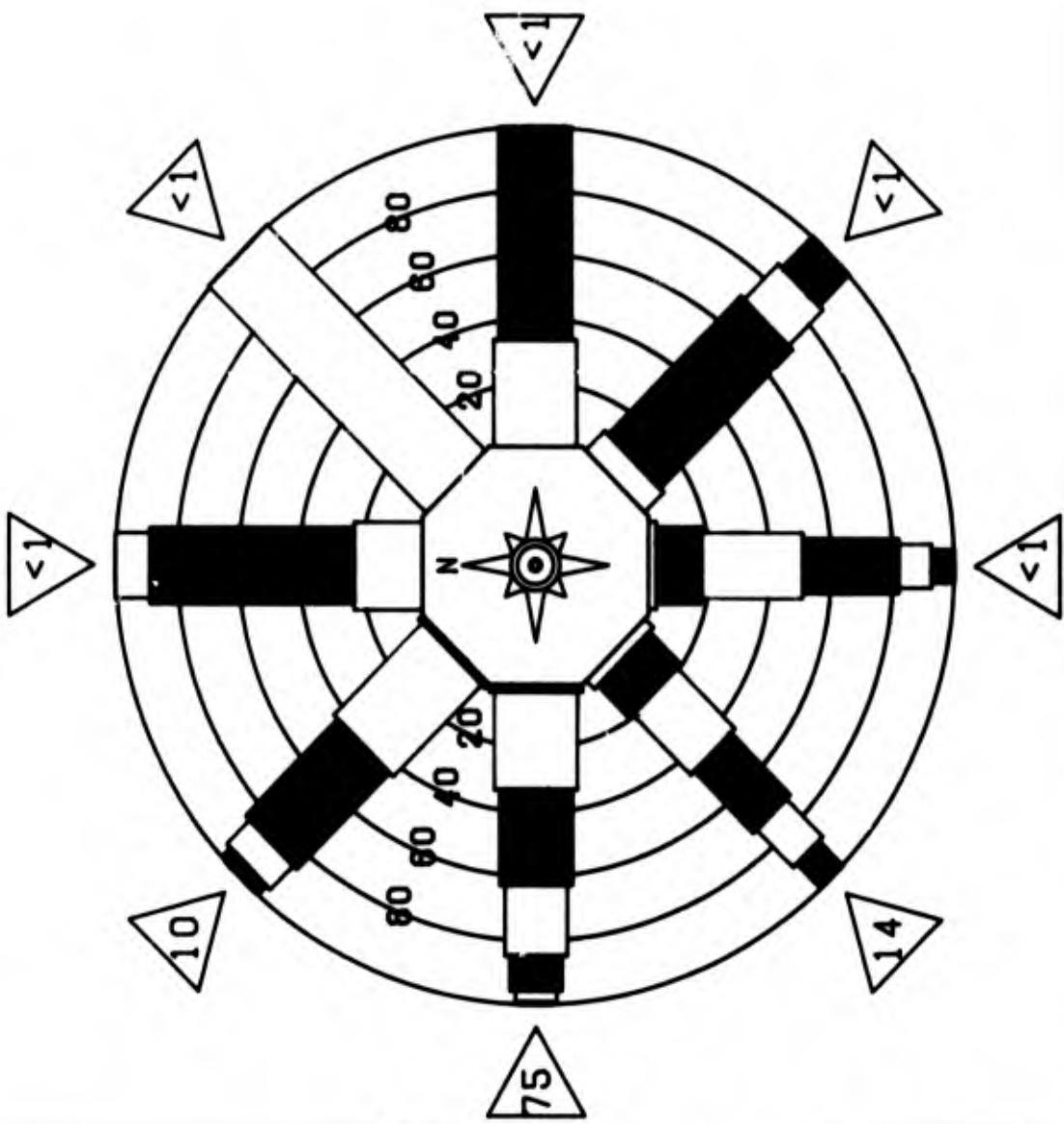
STATION 48 46.91N 125.11W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)											TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	5	11	54	23	6	8	.	.	.	.	.	16
1.0-1.9	251	100	56	23	27	10	.	.	.	.	.	442
2.0-2.9	251	468	16	58	27	15	.	.	.	.	.	365
3.0-3.9	1	62	16	5	27	15	.	.	.	.	.	16
4.0-4.9	.	5	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
TOTAL	508	666	132	91	39	33	0	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-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	10	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	13	.	1	1	5	.	.	.	.	.	30
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	16	0	1	1	11	0	0	0	0	0	31.
MEAN HS(M) =	2.4	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	7.7	NO. OF CASES=	31.					

HEIGHT(METRES)	STATION 48 46° 9'N 125° 11'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	
0.0-0.9	49	51	86	9	268	66	113	6	1	1	198
1.0-1.9	174	376	1204	594	462	596	137	6	1	1	2747
2.0-2.9	111	225	339	613	462	853	458	16	2	1	2895
3.0-3.9	4	109	91	152	462	853	458	16	2	1	2147
4.0-4.9	.	22	70	75	185	656	452	63	.	1	1260
5.0-5.9	.	1	12	22	200	145	100	62	.	1	503
6.0-6.9	.	.	1	4	20	49	49	28	.	1	158
7.0-7.9	.	.	.	2	24	17	25	.	.	1	48
8.0-8.9	.	.	.	.	10	1	1	.	.	1	11
9.0-9.9	.	.	.	.	.	1	.	.	.	1	0
TOTAL	338	804	1803	1466	1888	2208	1307	150	3	0	0
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)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	3.0	3.5	3.4	2.6	2.4	2.0	1.6	1.6	1.8	3.0	3.1	3.6	2.7
1957	3.0	3.2	3.4	2.7	2.7	2.0	1.4	1.8	1.9	3.7	3.0	4.4	3.0
1958	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1959	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1960	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1961	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1962	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1963	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1964	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1965	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1966	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1967	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1968	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1969	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1970	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1971	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1972	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1973	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1974	3.0	3.2	3.4	2.7	2.7	2.0	1.8	1.8	1.9	3.0	3.0	4.4	3.0
1975	3.0	3.4	3.0	2.4	2.1	1.4	1.3	1.4	1.1	3.1	4.2	3.9	2.6
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)

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	7.6	5.6	6.2	4.0	4.0	3.6	3.5	3.6	3.1	4.9	5.0	7.7
1957	5.0	6.0	4.4	4.0	4.0	3.0	3.1	3.7	4.7	4.7	4.7	6.7
1958	6.9	6.0	4.4	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	7.0
1959	7.9	6.0	4.4	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	8.3
1960	7.4	6.0	4.4	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	7.6
1961	7.4	6.4	4.4	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	6.2
1962	5.1	4.0	4.0	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	9.3
1963	5.0	4.4	4.0	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	6.5
1964	5.0	4.4	4.0	4.0	4.0	3.0	3.1	3.1	4.0	4.0	4.0	7.6
1965	7.9	5.5	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.5
1966	7.1	5.5	5.5	5.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.6
1967	7.0	5.4	5.4	5.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.3
1968	7.0	5.0	5.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.6
1969	5.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0	3.0	3.0	3.0	7.6
1970	6.0	5.0	5.0	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	6.5
1971	8.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	8.7
1972	6.7	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	8.3
1973	7.6	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	8.3
1974	10.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	8.0
1975	5.9	5.0	5.0	5.1	5.0	5.0	5.0	5.0	5.0	5.1	7.3	8.0

20 YR. STATISTICS FOR PACIFIC STATION 48 (46.91N 125.11W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.6
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 3.3
 STANDARD DEVIATION OF TP(SECONDS)= 3.4
 LARGEST HS(METRES)= 10.3
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 212.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011521

HEIGHT(METRES)	STATION 49 47.14N 125.77W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2		0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	.	11	.	.	.	.	.	.	.	11
3.0-3.9	.	11	.	.	.	.	.	.	.	.	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
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	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
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 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	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 49 47.14N 125.77W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION											
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	6.0	8.0	9.5	10.5	11.7	13.3	15.3	18.1	22.2	LONGER	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	3	1	.	.	.	.	.	.	.	.	4
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
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° 14'N 125° 77'W AZIMUTH(DEGREES) = 90.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	18	5	1	.	.	.	.	.	.	.	23
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	18	6	0	0	0	0	0	0	0	0	0	
MEAN HS(M) = 2.5	LARGEST HS(M) = 3.0	MEAN TP(SEC) = 5.8	NO. OF CASES = 15.									

STATION 49 47° 14'N 125° 77'W AZIMUTH(DEGREES) = 112.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	.	.	.	.	.	.	.	.	.	.	0
2.0-2.9	10	15	.	1	.	.	.	.	.	.	26
3.0-3.9	.	1	1	.	.	.	.	.	.	.	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	10	21	1	1	0	0	6	0	0	0	0	
MEAN HS(M) = 3.0	LARGEST HS(M) = 4.6	MEAN TP(SEC) = 7.7	NO. OF CASES = 25.									

STATION 49 47° 14'N 125° 77'W AZIMUTH(DEGREES) = 135.0
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	1	.	.	.	.	.	.	0
1.0-1.9	1	.	.	1	.	.	.	.	.	.	0
2.0-2.9	6	18	.	.	1	.	.	.	.	.	25
3.0-3.9	.	12	1	.	1	.	.	.	.	.	13
4.0-4.9	.	.	10	1	.	.	.	.	.	.	11
5.0-5.9	.	.	.	.	.	.	.	.	.	.	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	73	2	1	2	0	1	0	0	0	0	
MEAN HS(M) = 3.5	LARGEST HS(M) = 5.3	MEAN TP(SEC) = 7.1	NO. OF CASES = 55.									

STATION 49 47° 14'N 125° 77'W AZIMUTH(DEGREES) = 157.5
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	20	1	.	4	.	.	.	.	.	27
2.0-2.9	6	61	.	.	1	.	.	.	.	.	66
3.0-3.9	.	25	.	.	3	1	3	.	.	.	30	
4.0-4.9	.	3	13	.	3	1	3	.	.	.	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+	6	109	14	0	7	2	3	0	0	0	0	
TOTAL	6	109	14	0	7	2	3	0	0	0	0	
MEAN HS(M) = 3.7	LARGEST HS(M) = 5.6	MEAN TP(SEC) = 7.5	NO. OF CASES = 88.									

STATION 49 47°14'N 125°77'W 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-	8.9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	0
1.0-1.9	.	11	18	3	.	.	3	.	.	.	.	.	.	.	.	.	30
2.0-2.9	.	100	15	5	5	3	1	3	.	.	.	.	.	.	.	.	124
3.0-3.9	.	46	124	35	26	11	3	3	.	.	.	.	.	.	.	.	328
4.0-4.9	.	68	20	32	15	15	15	15	.	.	.	.	.	.	.	.	132
5.0-5.9	.	11	11	11	11	11	11	11	.	.	.	.	.	.	.	.	38
6.0-6.9	.	.	8	5	5	5	5	5	.	.	.	.	.	.	.	.	21
7.0-7.9	.	.	.	1	1	1	1	1	.	.	.	.	.	.	.	.	5
8.0-8.9	1	1	1	1	.	.	.	.	.	.	.	.	0
9.0-9.9	1	1	1	.	.	.	.	.	.	.	.	0
TOTAL	11	164	221	79	82	44	12	0	0	0	0	0	0	0	0	0	369.
MEAN HS(M) = 4.7 LARGEST HS(M)= 9.7 MEAN TP(SEC)= 9.1 NO. OF CASES= 369.																	

STATION 49 47°14'N 125°77'W 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-	8.9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	.	.	1	.	1	.	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	17	78	22	1	1	1	1	1	1	1	1	1	1	1	1	1	130
2.0-2.9	.	200	87	73	77	27	3	.	.	.	.	.	.	.	.	.	472
3.0-3.9	.	59	162	87	140	80	11	.	.	.	.	.	.	.	.	.	470
4.0-4.9	.	1	100	138	143	148	148	148	148	148	148	148	148	148	148	148	479
5.0-5.9	.	22	51	51	148	148	148	148	148	148	148	148	148	148	148	148	479
6.0-6.9	.	3	3	3	39	124	22	22	22	22	22	22	22	22	22	22	184
7.0-7.9	.	.	.	6	13	13	13	13	13	13	13	13	13	13	13	13	68
8.0-8.9	.	.	.	.	13	13	13	13	13	13	13	13	13	13	13	13	31
9.0-9.9	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	0
TOTAL	17	338	398	353	562	489	110	9	0	0	0	0	0	0	0	0	14
MEAN HS(M) = 5.1 LARGEST HS(M)= 11.0 MEAN TP(SEC)= 10.3 NO. OF CASES= 1344.																	

STATION 49 47°14'N 125°77'W 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-	8.9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	10	23	27	8	13	.	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	34	123	135	128	107	364	220	10	10	10	10	10	10	10	10	10	81
2.0-2.9	.	123	126	116	108	408	415	135	135	135	135	135	135	135	135	135	1187
3.0-3.9	.	70	142	165	284	561	181	3	3	3	3	3	3	3	3	3	1453
4.0-4.9	.	8	8	46	171	303	248	130	130	130	130	130	130	130	130	130	780
5.0-5.9	.	.	.	58	205	130	130	130	130	130	130	130	130	130	130	130	418
6.0-6.9	.	.	.	1	11	73	55	11	11	11	11	11	11	11	11	11	191
7.0-7.9	.	.	.	.	15	15	15	15	15	15	15	15	15	15	15	15	36
8.0-8.9	.	.	.	.	.	10	10	10	10	10	10	10	10	10	10	10	32
TOTAL	44	501	744	684	1367	1803	860	47	0	0	0	0	0	0	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°14'N 125°77'W 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-	8.9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	35	22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	57
1.0-1.9	39	328	662	270	32	.	.	.	.	.	.	.	.	.	.	.	1334
2.0-2.9	53	301	686	667	629	155	27	6	.	.	.	.	.	.	.	.	2764
3.0-3.9	.	172	426	708	1259	1259	188	.	.	.	.	.	.	.	.	.	4098
4.0-4.9	.	49	326	234	946	2203	864	37	.	.	.	.	.	.	.	.	4659
5.0-5.9	.	1	112	167	321	1606	1326	30	.	.	.	.	.	.	.	.	3563
6.0-6.9	.	3	6	6	234	417	299	109	.	.	.	.	.	.	.	.	1628
7.0-7.9	.	3	3	54	57	58	58	58	58	58	58	58	58	58	58	58	458
8.0-8.9	.	.	.	5	5	5	5	5	5	5	5	5	5	5	5	5	149
9.0-9.9	.	.	.	.	42	42	42	42	42	42	42	42	42	42	42	42	63
TOTAL	92	886	2047	2315	3793	5797	3542	312	0	0	0	0	0	0	0	0	11
MEAN HS(M) = 4.2 LARGEST HS(M)= 10.5 MEAN TP(SEC)= 11.5 NO. OF CASES= 10994.																	

STATION 49 47°14'N 125°77'W 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	260	164	172	15	665	254	6	27	.	.	617
1.0-1.9	287	2126	5550	1960	3744	2036	410	8	5	.	11074
2.0-2.9	131	4555	2518	4324	1071	2053	1528	70	5	.	13631
3.0-3.9	.	242	244	1062	1030	2053	1528	152	.	.	6528
4.0-4.9	.	243	183	1057	1030	2053	1528	152	.	.	6143
5.0-5.9	.	1	100	119	116	742	1260	123	.	.	2543
6.0-6.9	.	1	1	20	59	124	308	123	.	.	715
7.0-7.9	.	.	1	1	25	11	37	15	.	.	89
8.0-8.9	.	.	1	1	1	1	9	11	.	.	22
9.0-9.9	.	.	1	1	1	1	3	1	.	.	0
TOTAL	678	3001	8768	7659	8940	9398	5320	593	10	0	0

MEAN HS(M) = 2.9 LARGEST HS(M)= 9.2 MEAN TP(SEC)= 10.8 NO. OF CASES= 25949.

STATION 49 47°14'N 125°77'W 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	160	128	99	32	506	106	35	47	3	.	619
1.0-1.9	1091	2417	3800	1460	2265	1471	274	30	3	.	10073
2.0-2.9	475	1608	1848	2101	1050	1232	764	20	.	.	4023
3.0-3.9	438	179	340	201	201	771	405	68	.	.	1694
4.0-4.9	.	41	169	32	201	234	164	100	.	.	460
5.0-5.9	.	20	8	8	10	22	60	15	.	.	130
6.0-6.9	.	1	6	6	3	15	6	6	.	.	100
7.0-7.9	.	.	1	1	6	3	10	.	.	.	10
8.0-8.9	.	.	1	1	1	1	1	.	.	.	0
9.0-9.9	.	.	1	1	1	1	1	.	.	.	0
TOTAL	1726	4632	6116	4020	4063	3836	1745	196	6	0	0

MEAN HS(M) = 2.4 LARGEST HS(M)= 8.9 MEAN TP(SEC)= 9.7 NO. OF CASES= 15408.

STATION 49 47°14'N 125°77'W AZIMUTH(DEGREES) = 315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

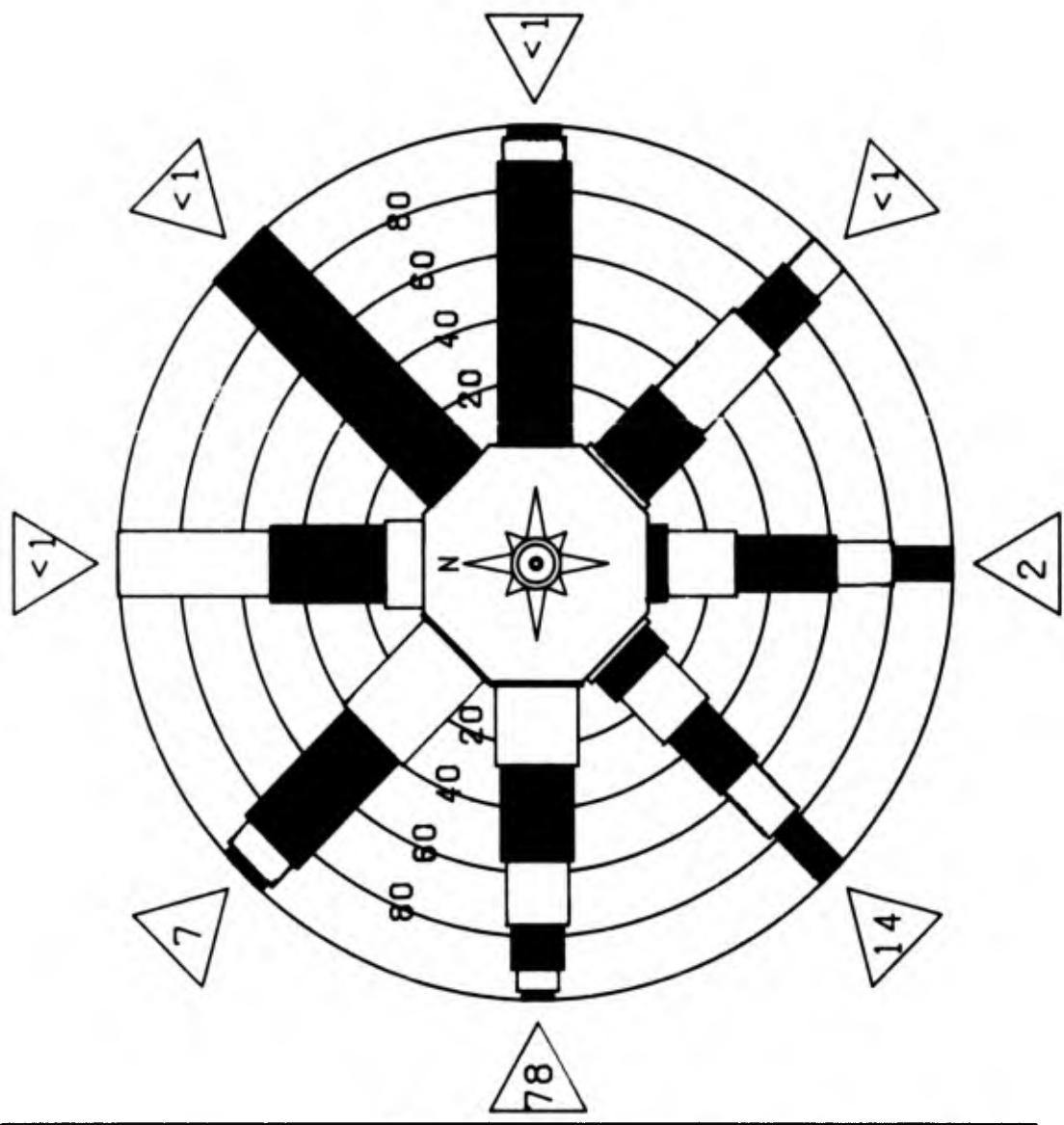
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 18.1	18.2- 22.2	22.3- LONGER	
0.-0.9	5	1	30	6	6	5	.	.	.	.	6
1.0-1.9	152	367	39	22	17	5	.	.	.	.	281
2.0-2.9	148	82	11	10	.	1	.	.	.	.	582
3.0-3.9	1	3	10	.	.	.	.	.	.	.	14
4.0-4.9	.	.	1	5	.	.	.	.	.	.	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	305	535	91	33	23	12	0	0	0	0	0

MEAN HS(M) = 2.3 LARGEST HS(M)= 5.9 MEAN TP(SEC)= 6.8 NO. OF CASES= 591.

STATION 49 47°14'N 125°77'W 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	11	.	.	.	.	1	.	.	.	.	0
1.0-1.9	22	15	.	.	.	8	.	.	.	.	45
2.0-2.9	1	5	.	.	.	.	.	.	.	.	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
TOTAL	34	20	0	0	0	9	0	0	0	0	39.

HEIGHT(METRES)	STATION 49 47°14'N 125°77'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	4.6	33	29	4	143	36	7	4	1	1	198
1.0-1.9	15.0	457	1007	378	676	368	74	4	1	1	2263
2.0-2.9	9.4	306	525	749	609	606	251	9	1	1	2790
3.0-3.9	.	159	90	239	675	639	512	26	1	1	1963
4.0-4.9	.	33	128	67	275	639	512	26	1	1	1480
5.0-5.9	.	1	56	65	95	323	500	52	1	1	856
6.0-6.9	.	.	4	20	63	100	153	52	1	1	502
7.0-7.9	.	.	.	2	16	42	46	11	1	1	302
8.0-8.9	.	.	.	2	17	19	5	1	1	1	110
9.0-9.9	.	.	.	.	3	8	2	1	1	1	43
10.0+	TOTAL	295	1029	1839	1513	1881	2137	1157	112	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

WAVE HEIGHT (M)	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
WIS STATION 49 (47.14N 125.77W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	4.7	3.8	3.0	2.9	2.6	2.2	1.8	1.7	1.9	2.0	3.6	4.5	3.9
1957	4.2	3.4	2.9	2.0	1.7	1.2	0.9	1.4	1.9	2.0	3.6	4.5	3.9
1958	4.9	4.2	3.6	2.9	2.0	1.7	1.2	1.6	1.9	2.0	3.6	4.5	3.9
1959	4.9	4.2	3.6	2.9	2.0	1.7	1.2	1.6	1.9	2.0	3.6	4.5	3.9
1960	4.4	3.7	3.0	2.3	1.8	1.3	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1961	4.4	3.7	3.0	2.3	1.8	1.3	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1962	4.0	3.3	2.7	2.0	1.5	1.0	0.6	1.1	1.4	1.5	3.6	4.5	3.9
1963	4.1	3.4	2.7	2.0	1.5	1.0	0.6	1.1	1.4	1.5	3.6	4.5	3.9
1964	4.1	3.4	2.7	2.0	1.5	1.0	0.6	1.1	1.4	1.5	3.6	4.5	3.9
1965	4.5	3.8	3.1	2.4	1.9	1.4	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1966	4.6	3.9	3.2	2.5	1.9	1.4	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1967	4.6	3.9	3.2	2.5	1.9	1.4	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1968	4.6	3.9	3.2	2.5	1.9	1.4	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1969	4.4	3.7	3.0	2.3	1.8	1.3	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1970	4.4	3.7	3.0	2.3	1.8	1.3	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1971	4.4	3.7	3.0	2.3	1.8	1.3	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1972	4.5	3.8	3.1	2.4	1.9	1.4	0.9	1.4	1.7	1.8	3.6	4.5	3.9
1973	5.1	4.2	3.6	2.9	2.0	1.5	1.0	1.5	1.8	1.9	3.6	4.5	3.9
1974	4.8	4.2	3.6	2.9	2.0	1.5	1.0	1.5	1.8	1.9	3.6	4.5	3.9
1975	4.3	4.0	3.4	2.5	2.2	1.5	1.4	1.5	1.4	3.4	4.0	4.4	2.9
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	9.0	5.8	6.0	4.4	3.6	3.3	3.6	6.5	3.1	5.1	5.3	9.0	
1957	4.9	6.0	6.4	4.7	3.7	3.0	3.0	3.5	3.5	6.0	6.0	6.0	
1958	9.1	7.1	6.0	6.9	5.5	5.0	5.0	5.5	5.5	6.0	6.0	6.0	
1959	8.6	6.6	6.4	5.5	4.9	4.0	4.0	4.4	4.4	5.0	5.0	5.0	
1960	8.4	6.6	6.4	5.5	4.9	4.0	4.0	4.4	4.4	5.0	5.0	5.0	
1961	5.4	5.4	5.4	4.4	3.4	3.0	3.0	3.4	3.4	5.5	5.5	5.5	
1962	5.4	5.4	5.4	4.4	3.4	3.0	3.0	3.4	3.4	5.5	5.5	5.5	
1963	6.5	5.5	5.4	4.4	3.4	3.0	3.0	3.4	3.4	10.0	10.0	10.0	
1964	6.0	5.0	5.0	4.0	3.0	2.0	2.0	2.0	2.0	7.0	7.0	7.0	
1965	7.0	6.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	5.5	5.5	5.5	
1966	6.8	6.0	6.0	5.0	4.0	3.0	3.0	3.0	3.0	5.5	5.5	5.5	
1967	6.9	6.2	7.1	4.9	3.7	3.0	3.0	3.4	3.4	6.5	6.5	6.5	
1968	6.8	6.2	7.1	4.9	3.7	3.0	3.0	3.4	3.4	7.4	7.4	7.4	
1969	5.6	7.7	6.0	6.4	4.5	4.0	4.0	4.6	4.6	7.7	7.7	7.7	
1970	6.6	7.7	6.9	6.0	5.0	4.4	4.4	4.6	4.6	8.6	8.6	8.6	
1971	6.4	7.7	7.3	6.0	5.0	4.4	4.4	4.6	4.6	7.7	7.7	7.7	
1972	6.4	7.7	7.3	6.0	5.0	4.4	4.4	4.6	4.6	7.7	7.7	7.7	
1973	6.4	7.7	7.3	6.0	5.0	4.4	4.4	4.6	4.6	7.7	7.7	7.7	
1974	11.0	6.7	7.0	7.0	5.6	4.4	2.1	3.3	2.0	7.0	7.0	7.0	
1975	6.5	5.0	6.0	4.7	3.6	3.4	2.1	3.3	2.0	6.2	6.7	9.4	

20 YR. STATISTICS FOR PACIFIC STATION 49 (47.14N 125.77W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 1.6
 STANDARD DEVIATION OF TP(SECONDS)= 3.4
 LARGEST HS(METRES)= 11.3
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 221.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 69121206

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.-0.9	.																				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	0	0	0	0	1	0	0	0	0	0	0	0	0	0	7.	
MEAN HS(M) =	2.5	LARGEST HS(M)=	3.2	MEAN TP(SEC)=	6.6	NO. OF CASES=																

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.-0.9	.																				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	0	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=																

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.-0.9	.																				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	0	0	0	0	0	0	0	0	0	0	2.	
MEAN HS(M) =	2.6	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	9.5	NO. OF CASES=																

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.-0.9	.																				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	0	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=																

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL						
	PEAK PERIOD(SECONDS)																
0.-0.9	4	4	6	8	10	10.5	11.7	11.8	13.3	13.4	15.4	18.1	18.2	22.2	3-LONGER	0	
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
2.0-2.9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
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	6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
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) = 90.0																	
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL						
	PEAK PERIOD(SECONDS)																
0.-0.9	4	4	6	8	10	10.5	11.7	11.8	13.3	13.4	15.4	18.1	18.2	22.2	3-LONGER	0	
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
2.0-2.9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20
3.0-3.9	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
4.0-4.9	1	1	1	1	1	1	1	1	1	1	1	1	1	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
TOTAL	26	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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) = 112.5																	
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL						
	PEAK PERIOD(SECONDS)																
0.-0.9	4	4	6	8	10	10.5	11.7	11.8	13.3	13.4	15.4	18.1	18.2	22.2	3-LONGER	0	
1.0-1.9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	20
2.0-2.9	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
3.0-3.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	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
TOTAL	26	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
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																	
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL						
	PEAK PERIOD(SECONDS)																
0.-0.9	4	4	6	8	10	10.5	11.7	11.8	13.3	13.4	15.4	18.1	18.2	22.2	3-LONGER	0	
1.0-1.9	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
2.0-2.9	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
3.0-3.9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	25
4.0-4.9	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
5.0-5.9	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	44	23	0	0	0	1	0	0	4	0	0	0	0	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																	
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL						
	PEAK PERIOD(SECONDS)																
0.-0.9	4	4	6	8	10	10.5	11.7	11.8	13.3	13.4	15.4	18.1	18.2	22.2	3-LONGER	0	
1.0-1.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
2.0-2.9	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34	34
3.0-3.9	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
4.0-4.9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	16
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
6.0-6.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
7.0-7.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	40	34	0	4	7	1	7	0	0	0	0	0	0	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°55'N 125°46'W AZIMUTH(DEGREES) = 180.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	23	1	1	1	1	1	1	1	1	0
1.0-1.9	11	25	23	41	117	133	153	161	222	3 LONGER	50
2.0-2.9	.	3	20	15	10	1	.	.	.	.	10
3.0-3.9	.	1	1	1	1	1	.	.	.	.	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
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°55'N 125°46'W AZIMUTH(DEGREES) = 202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	1	6	1	18	22	3	.	.	.	8
1.0-1.9	10	112	39	16	112	71	3	.	.	.	240
2.0-2.9	.	160	105	196	313	102	105	1	.	.	604
3.0-3.9	.	5	147	192	925	131	105	.	.	.	632
4.0-4.9	.	3	15	102	152	20	.	.	.	.	252
5.0-5.9	.	.	8	152	152	22	22	1	.	.	142
6.0-6.9	.	.	.	22	22	11	8	.	.	.	45
7.0-7.9	.	.	.	.	.	.	.	.	.	.	16
8.0-8.9	.	.	.	.	.	.	.	.	.	.	6
9.0-9.9	.	.	.	.	.	.	.	.	.	.	0
TOTAL	45	326	429	386	734	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°55'N 125°46'W AZIMUTH(DEGREES) = 225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	25	63	63	22	5	1	.	.	.	.	179
1.0-1.9	60	203	207	273	179	102	112	1	.	.	2165
2.0-2.9	70	337	321	402	567	431	112	1	.	.	2256
3.0-3.9	1	10	103	103	119	411	155	1	.	.	1920
4.0-4.9	.	11	10	23	133	133	100	1	.	.	623
5.0-5.9	.	.	10	23	25	10	18	.	.	.	247
6.0-6.9	.	.	.	6	25	10	.	.	.	.	70
7.0-7.9	.	.	.	.	18	.	.	.	.	.	16
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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°55'N 125°46'W AZIMUTH(DEGREES) = 247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	10	47	65	342	102	27	8	1	.	.	142
1.0-1.9	107	261	87	705	978	706	127	15	.	.	1611
2.0-2.9	3	167	269	426	1079	1762	1710	132	.	.	4402
3.0-3.9	.	41	206	109	446	1148	1531	130	.	.	4474
4.0-4.9	.	56	63	165	285	646	170	.	.	.	3613
5.0-5.9	.	.	5	33	285	116	116	76	.	.	1304
6.0-6.9	.	.	1	1	285	116	116	76	.	.	522
7.0-7.9	.	.	.	5	5	11	5	.	.	.	26
8.0-8.9	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	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°55'N 125°46'W 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- 16.1	16.2- 22.2	22.3- LONGER	
0.-0.9											0
1.0-1.9	181	302	520	59	11	8	13.4-	15.4-	16.2-	22.3-	1061
2.0-2.9	183	301	5989	3702	1810	614	86	56	37	13	13280
3.0-3.9	75	201	968	2707	4231	3490	1011	106	106	13	12733
4.0-4.9	.	106	94	439	1253	1401	1816	1816	1816	.	4003
5.0-5.9	.	13	90	100	373	207	492	200	200	.	1026
6.0-6.9	.	.	22	35	70	20	70	56	56	.	159
7.0-7.9	.	.	.	8	10	20	3	15	15	.	18
8.0-8.9	.	.	.	.	.	.	3	.	.	.	0
9.0-9.9	.	.	.	.	.	.	3	.	.	.	0
TOTAL	439	1453	7683	7057	8233	9716	6209	731	13	0	0
MEAN HS(M) =	2.6	LARGEST HS(M)=	8.4	MEAN TP(SEC)=	11.1	NO. OF CASES=	24287.				

STATION 50 47°55'N 125°46'W 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- 16.1	16.2- 22.2	22.3- LONGER	
0.-0.9											0
1.0-1.9	362	241	342	121	1101	422	49	46	6	.	1067
2.0-2.9	1317	3237	5446	1904	2366	1795	480	25	3	.	13280
3.0-3.9	588	1155	1779	2180	231	1271	1228	609	37	3	10371
4.0-4.9	.	362	186	46	191	1233	370	51	.	.	3924
5.0-5.9	.	25	15	26	15	15	193	6	.	.	1454
6.0-6.9	.	.	.	5	13	11	53	1	.	.	367
7.0-7.9	.	.	.	1	.	.	6	.	.	.	6
8.0-8.9	.	.	.	.	.	.	10	.	.	.	10
9.0-9.9	.	.	.	.	.	.	5	.	.	.	5
TOTAL	2267	5020	7886	4513	4957	4313	1675	166	9	0	0
MEAN HS(M) =	2.2	LARGEST HS(M)=	9.6	MEAN TP(SEC)=	9.6	NO. OF CASES=	18018.				

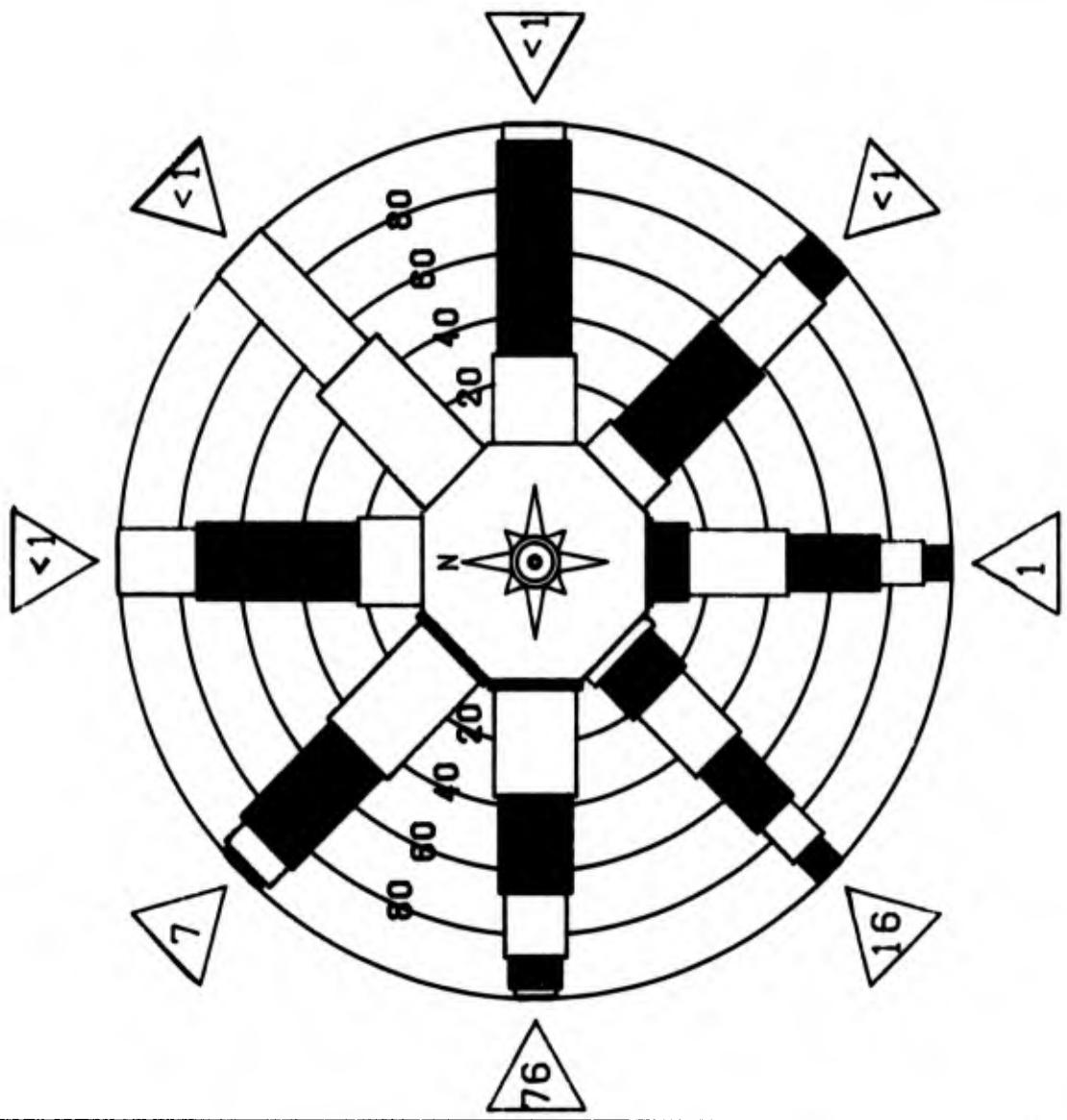
STATION 50 47°55'N 125°46'W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

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- 16.1	16.2- 22.2	22.3- LONGER	
0.-0.9	8										8
1.0-1.9	213	356	30	3	1	6	.	.	.	.	308
2.0-2.9	181	330	10	20	22	5	6	3	.	.	584
3.0-3.9	1	66	18	1	1	6	.	.	.	.	95
4.0-4.9	.	1	5	3	.	.	.	.	.	.	4
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
TOTAL	403	453	74	29	24	16	9	0	0	0	0
MEAN HS(M) =	2.2	LARGEST HS(M)=	5.6	MEAN TP(SEC)=	6.7	NO. OF CASES=	597.				

STATION 50 47°55'N 125°46'W 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- 16.1	16.2- 22.2	22.3- LONGER	
0.-0.9	13	.	.	.	.	5	.	.	.	.	0
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°55'N 125°46'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)										TOTAL			
	4.4-	6.0-	6.1-	8.1-	9.6-	10.5-	10.6-	11.7-	11.8-	13.4-	15.4-	16.2-	22.3-	LONGER
0.0-0.9	56	59	94	18	1	104	107	14	16	·	·	·	229	
1.0-1.9	183	92	1235	598	304	107	14	16	·	·	·	·	2557	
2.0-2.9	110	124	172	569	781	107	14	16	·	·	·	·	2007	
3.0-3.9	5	156	172	160	480	948	107	14	16	·	·	·	2065	
4.0-4.9	·	23	182	184	184	100	105	17	·	·	·	·	1221	
5.0-5.9	·	1	22	31	94	127	157	45	·	·	·	·	451	
6.0-6.9	·	·	2	5	29	60	41	14	·	·	·	·	151	
7.0-7.9	·	·	1	1	1	24	12	4	·	·	·	·	14	
8.0-8.9	·	·	·	·	·	3	10	·	·	·	·	·	3	
9.0-9.9	·	·	·	·	·	3	·	·	·	·	·	·	0	
TOTAL	362	880	1928	1484	1877	2085	1215	136	1	0	0	0	58440.	
MEAN HS(M)=	2.8	LARGEST HS(M)=	10.4	MEAN TP(SEC)=	10.6	TOTAL CASES=	58440.							



STATION 50
47.55N. 125.46W
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 50 (47.55N 125.46W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.9	3.9	3.4	3.5	2.2	2.0	1.5	1.5	1.7	2.0	2.6	2.7	2.7
1957	3.0	3.2	3.2	3.0	2.0	1.9	1.4	1.5	1.6	2.0	2.6	2.6	2.6
1958	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1959	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1960	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1961	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1962	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1963	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1964	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1965	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1966	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1967	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1968	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1969	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1970	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1971	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1972	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1973	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1974	2.9	3.0	3.2	3.2	2.2	2.2	1.5	1.5	1.6	2.0	2.6	2.6	2.6
1975	3.6	3.4	3.0	2.3	2.0	1.4	1.3	1.4	1.1	3.1	4.1	3.9	2.5
MEAN	4.0	3.7	3.3	2.8	2.1	1.7	1.6	1.5	1.9	2.9	3.8	4.3	

LARGEST HS(METRES) BY MONTH AND YEAR
HIS STATION 50 (47.55N 125.46W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	8.4	5.4	5.7	6.3	3.3	3.3	3.5	3.5	3.5	5.0	5.7	5.7
1957	4.7	5.0	5.0	5.0	3.0	3.0	3.0	3.0	3.0	5.7	6.0	6.0
1958	6.7	6.7	6.7	6.7	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1959	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1960	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1961	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1962	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1963	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1964	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1965	6.9	6.9	6.9	6.9	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1966	7.0	5.5	5.5	5.5	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1967	7.0	5.5	5.5	5.5	4.0	4.0	4.0	4.0	4.0	5.7	6.0	6.0
1968	9.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0
1969	9.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0
1970	9.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0
1971	9.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0
1972	9.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0
1973	9.0	7.0	7.0	7.0	5.0	5.0	5.0	5.0	5.0	7.0	7.0	7.0
1974	10.0	6.5	6.5	6.5	4.0	4.0	4.0	4.0	4.0	7.0	7.0	7.0
1975	6.2	5.6	5.3	4.4	3.3	3.2	3.0	3.0	3.1	4.7	5.1	5.3

20 YR. STATISTICS FOR PACIFIC STATION 50 (47.55N 125.46W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.8
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.7
 MOST FREQUENT 22 S(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 2.3
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 10.4
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 210.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) 74011600

HEIGHT(METRES)	STATION 51 47.77N 126.12W PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9											0
1.0-1.9	1	.									1
2.0-2.9	3	1					3				7
3.0-3.9											0
4.0-4.9	1	8									9
5.0-5.9											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	9	0	0	0	0	3	0	0	0	0
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
0.0-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
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	0	0	0	0	0
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
0.0-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9											0
2.0-2.9		i	.								1
3.0-3.9		i	i								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+		i	i	0	0	0	0	0	0	0	0
TOTAL	1	1	0	0	0	0	0	0	0	0	0
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
0.0-0.9	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	13.4-	15.4-	18.2-	22.3-	LONGER
1.0-1.9											0
2.0-2.9		1	.								1
3.0-3.9		1	i								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+		i	i	0	0	0	0	0	0	0	0
TOTAL	1	1	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	5	.	.	.	.	.	.	.	.	15
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	10	10	0	0	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	10	11	.	.	.	.	.	.	.	.	21
2.0-2.9	.	11	1	.	.	.	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	10	28	1	0	0	0	1	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	3	.	.	.	.	.	.	0
1.0-1.9	10	34	.	3	.	.	.	.	.	.	44
2.0-2.9	.	49	.	.	.	.	.	.	.	.	49
3.0-3.9	.	23	5	.	.	.	.	.	.	.	26
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	11	106	11	3	0	0	0	0	0	0	0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.0-0.9	1	.	.	.	.	.	.	.	.	.	0
1.0-1.9	5	11	1	.	.	1	.	.	.	.	16
2.0-2.9	.	32	1	.	.	1	1	5	.	.	42
3.0-3.9	.	37	20	.	.	1	1	.	.	.	42
4.0-4.9	.	1	20	.	.	1	.	.	.	.	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	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) =100.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	1	.	.	1	1	.	.	.	.	.	0
1.0-1.9	10	116	3	5	6	1	1	13	.	.	154
2.0-2.9	.	114	66	64	61	5	5	.	.	.	167
3.0-3.9	.	88	143	66	46	1	1	.	.	.	162
4.0-4.9	.	1	71	66	46	1	1	.	.	.	156
5.0-5.9	.	.	8	18	16	1	1	.	.	.	159
6.0-6.9	.	.	6	10	10	1	1	.	.	.	143
7.0-7.9	.	.	1	1	1	1	1	.	.	.	149
8.0-8.9	.	.	.	1	1	1	1	.	.	.	142
9.0-9.9	.	.	.	.	1	1	1	.	.	.	142
TOTAL	11	221	271	123	144	76	26	0	0	0	524.
MEAN HS(M) =	4.7	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	9.3	NO. OF CASES=					

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) =202.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	5	3	3	.	.	.	.	.	.	.	0
1.0-1.9	11	114	112	10	17	1	1	.	.	.	111
2.0-2.9	1	280	181	70	66	26	1	.	.	.	676
3.0-3.9	.	75	132	145	62	15	5	.	.	.	677
4.0-4.9	.	1	132	166	152	67	11	5	.	.	550
5.0-5.9	.	.	30	82	196	114	30	.	.	.	455
6.0-6.9	.	.	1	18	164	22	.	.	.	.	103
7.0-7.9	.	.	1	10	10	25	.	.	.	.	103
8.0-8.9	.	.	.	1	1	1	5	.	.	.	103
9.0-9.9	.	.	.	.	1	1	1	.	.	.	103
TOTAL	19	473	541	422	685	572	135	24	0	0	17
MEAN HS(M) =	5.1	LARGEST HS(M)=	11.4	MEAN TP(SEC)=	10.2	NO. OF CASES=					

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) =225.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	5	56	57	.	17	17	.	.	.	.	120
1.0-1.9	61	213	236	167	70	32	10	1	.	.	1497
2.0-2.9	.	280	181	110	450	270	152	10	.	.	1494
3.0-3.9	.	81	175	214	150	207	156	10	.	.	1514
4.0-4.9	.	1	175	214	176	202	150	5	.	.	561
5.0-5.9	.	.	1	15	156	184	150	30	.	.	457
6.0-6.9	.	.	1	22	1	20	10	1	.	.	191
7.0-7.9	.	.	1	1	1	1	1	1	.	.	156
8.0-8.9	.	.	.	1	1	1	1	1	.	.	156
9.0-9.9	.	.	.	.	1	1	1	1	.	.	156
TOTAL	86	640	991	866	1496	2030	1039	71	0	0	26
MEAN HS(M) =	4.8	LARGEST HS(M)=	11.5	MEAN TP(SEC)=	11.1	NO. OF CASES=					

STATION 51 47.77N 126.12W AZIMUTH(DEGREES) =247.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.6-	11.8-	13.4-	15.4-	18.2-	
0.0-0.9	1	67	23	.	83	6	1	.	.	.	92
1.0-1.9	78	170	1039	1144	806	304	57	6	.	.	1961
2.0-2.9	24	133	1033	1017	1690	253	17	.	.	.	3073
3.0-3.9	.	47	119	1076	261	802	1637	16	.	.	4964
4.0-4.9	.	1	157	180	116	362	1659	34	.	.	5103
5.0-5.9	.	.	3	61	210	328	1659	34	.	.	5560
6.0-6.9	.	.	3	1	1	70	280	66	.	.	408
7.0-7.9	.	.	.	3	2	29	33	34	.	.	120
8.0-8.9	.	.	.	.	10	15	6	.	.	.	58
9.0-9.9	.	.	.	.	1	11	.	.	.	.	12
TOTAL	114	1153	2889	2856	4440	6385	4015	296	0	0	
MEAN HS(M) =	4.0	LARGEST HS(M)=	10.7	MEAN TP(SEC)=	11.4	NO. OF CASES=					

STATION 51 47° 77'N 126° 12W AZIMUTH(DEGREES) = 270.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

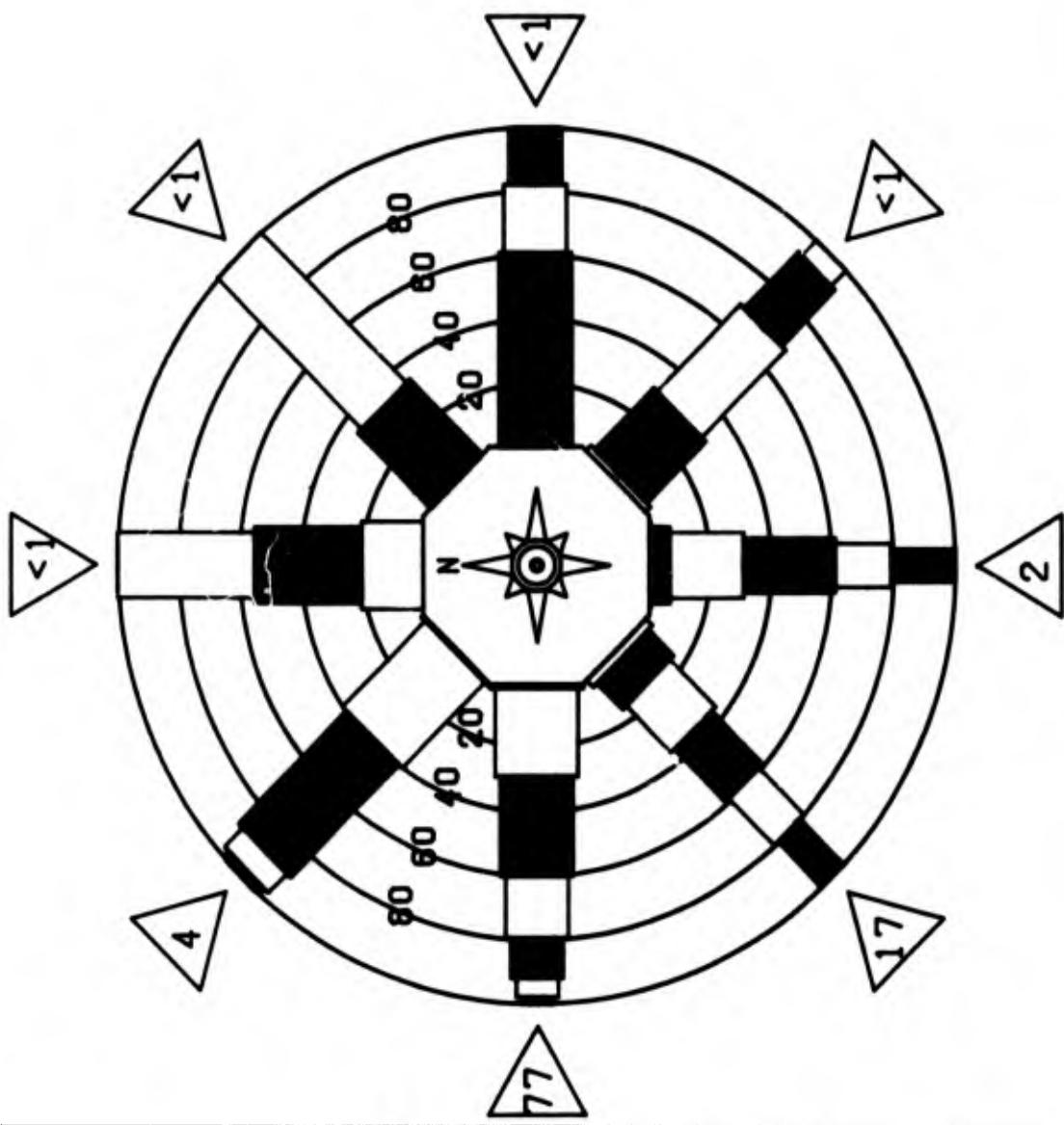
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL								
	4.4-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	15.4-	16.1-	16.2-	22.2-	22.3-	LONGER	
0.0-0.9	270	155	260	11	1	260	23	1	3	1	1	1	1	1	1	1	1	1	725
1.0-1.9	530	230	677	2445	1021	2469	521	17	3	1	1	1	1	1	1	1	1	1	1331
2.0-2.9	145	561	3006	4295	4074	2425	1136	1252	125	1	1	1	1	1	1	1	1	1	1615
3.0-3.9	.	231	1006	4295	1021	2469	521	17	3	1	1	1	1	1	1	1	1	1	1622
4.0-4.9	.	231	1006	4295	1021	2469	521	17	3	1	1	1	1	1	1	1	1	1	1622
5.0-5.9	.	39	129	1136	1021	2522	1256	136	1	1	1	1	1	1	1	1	1	1	5490
6.0-6.9	.	39	129	1136	1021	2522	1256	136	1	1	1	1	1	1	1	1	1	1	1892
7.0-7.9	.	59	116	116	116	116	109	290	146	1	1	1	1	1	1	1	1	1	506
8.0-8.9	.	59	116	116	116	116	109	290	146	1	1	1	1	1	1	1	1	1	1
9.0-9.9	.	59	116	116	116	116	109	290	146	1	1	1	1	1	1	1	1	1	1
10.0+	.	59	116	116	116	116	109	290	146	1	1	1	1	1	1	1	1	1	1
TOTAL	870	3516	10363	8150	9370	9248	4654	444	3	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.8	LARGEST HS(M)=	9.1	MEAN TP(SEC)=	10.5	NO. OF CASES=	27264.												

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL								
	4.4-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	15.4-	16.1-	16.2-	22.2-	22.3-	LONGER	
0.0-0.9	96	85	39	35	1	1	5	44	1	1	1	1	1	1	1	1	1	1	253
1.0-1.9	1010	2250	2701	835	464	163	190	23	1	1	1	1	1	1	1	1	1	1	7473
2.0-2.9	515	1550	1605	1285	1242	572	316	13	1	1	1	1	1	1	1	1	1	1	7498
3.0-3.9	.	361	176	313	627	581	119	1	1	1	1	1	1	1	1	1	1	1	2367
4.0-4.9	.	27	122	23	20	175	110	8	1	1	1	1	1	1	1	1	1	1	654
5.0-5.9	.	27	122	23	20	175	110	8	1	1	1	1	1	1	1	1	1	1	310
6.0-6.9	.	6	18	3	18	17	11	1	1	1	1	1	1	1	1	1	1	1	61
7.0-7.9	.	6	18	3	18	17	11	1	1	1	1	1	1	1	1	1	1	1	14
8.0-8.9	.	6	18	3	18	17	11	1	1	1	1	1	1	1	1	1	1	1	6
9.0-9.9	.	6	18	3	18	17	11	1	1	1	1	1	1	1	1	1	1	1	0
10.0+	.	6	18	3	18	17	11	1	1	1	1	1	1	1	1	1	1	1	0
TOTAL	1639	4281	4866	2534	2546	2232	788	90	0	0	0	0	0	0	0	0	0	0	0
MEAN HS(M) =	2.3	LARGEST HS(M)=	8.7	MEAN TP(SEC)=	9.2	NO. OF CASES=	11104.												

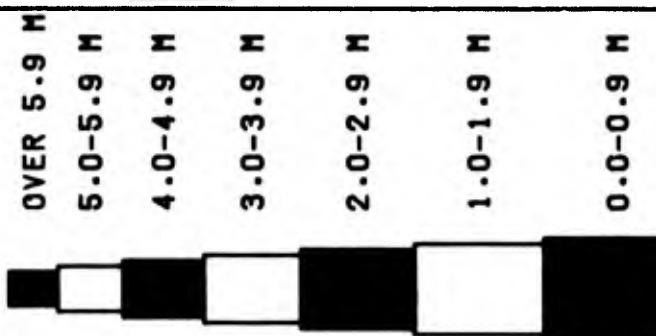
HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL								
	4.4-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	15.4-	16.1-	16.2-	22.2-	22.3-	LONGER	
0.0-0.9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1.0-1.9	138	234	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	192
2.0-2.9	90	234	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	85
3.0-3.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	11
4.0-4.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	4
5.0-5.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	0
6.0-6.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	0
7.0-7.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	0
8.0-8.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	0
9.0-9.9	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	0
10.0+	.	3	1	3	1	6	1	5	1	1	1	1	1	1	1	1	1	1	0
TOTAL	229	356	35	4	8	7	5	0	0	0	0	0	0	0	0	0	0	0	383.
MEAN HS(M) =	2.3	LARGEST HS(M)=	5.7	MEAN TP(SEC)=	6.6	NO. OF CASES=													

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL								
	4.4-	6.0-	8.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.3-	15.4-	16.1-	16.2-	22.2-	22.3-	LONGER	
0.0-0.9	15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16
1.0-1.9	25	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	44
2.0-2.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
3.0-3.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
4.0-4.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
5.0-5.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
6.0-6.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
7.0-7.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
8.0-8.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
9.0-9.9	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
10.0+	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0
TOTAL	40	19	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	40.
MEAN HS(M) =	2.3	LARGEST HS(M)=	3.6	MEAN TP(SEC)=	5.5	NO. OF CASES=													

HEIGHT(METRES)	STATION 51 47°7'N 126°12'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS PEAK PERIOD(SECONDS)											TOTAL		
	4.4-	6.0-	8.1-	9.5-	10.5-	10.6-	11.7-	11.8-	13.3-	13.4-	15.4-	16.2-	22.3-	
0.0-0.9	38	30	33	4	158	43	85	4	4	4	4	0	0	105
0.0-1.9	169	514	1030	364	150	366	215	215	215	215	215	0	0	2405
0.0-2.9	98	312	616	690	650	566	65	65	65	65	65	0	0	2803
0.0-3.9	172	312	616	690	650	566	65	65	65	65	65	0	0	1931
0.0-4.9	.	44	131	262	604	551	200	200	200	200	200	0	0	1435
0.0-5.9	.	.	65	75	94	612	157	157	157	157	157	0	0	846
0.0-6.9	.	.	6	26	61	321	151	151	151	151	151	0	0	451
0.0-7.9	.	.	4	21	21	44	122	122	122	122	122	0	0	122
0.0-8.9	.	.	4	4	18	17	17	17	17	17	17	0	0	44
0.0-9.9	.	.	.	.	5	5	5	5	5	5	5	0	0	15
TOTAL	305	1092	1999	1494	1867	2052	1066	85	0	0	0	0	0	6
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	
1956	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1957	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1958	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1959	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1960	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1961	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1962	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1963	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1964	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1965	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1966	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1967	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1968	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1969	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1970	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1971	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1972	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1973	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1974	4.7	3.9	3.0	2.8	2.6	2.5	2.2	1.7	1.7	3.0	3.7	4.5	4.0
1975	4.3	4.0	3.4	2.5	2.2	1.6	1.4	1.5	1.3	3.4	4.8	4.4	2.9
MEAN	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												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	9.1	5.7	6.9	6.5	7.7	7.0	7.4	7.6	7.9	5.1	5.5	6.9	
1957	4.0	9.7	7.0	4.7	7.1	7.0	7.1	7.1	7.3	7.7	8.3	7.7	
1958	9.0	9.7	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	10.0	
1959	7.7	6.0	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	10.0	
1960	8.6	6.0	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	10.5	
1961	10.0	6.3	7.3	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1962	6.3	6.3	6.9	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1963	6.7	6.3	6.9	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1964	7.4	6.3	6.9	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1965	7.6	6.3	6.9	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1966	9.4	6.3	7.0	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1967	9.0	6.3	7.0	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1968	10.1	6.3	7.0	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1969	10.1	6.3	7.0	7.4	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.4	
1970	5.5	7.7	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.4	
1971	8.6	9.3	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.4	
1972	9.1	6.4	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1973	9.1	6.4	7.0	7.1	7.9	7.0	7.1	7.1	7.3	7.0	7.0	11.5	
1974	11.2	6.7	7.9	6.5	7.9	3.6	2.4	2.1	2.4	1.9	6.2	9.4	7.5
1975	6.8	5.7	5.8	4.6	5.6	2.4	2.1	2.4	1.9	6.2	9.4	9.7	

20 YR. STATISTICS FOR PACIFIC STATION 51 (47.77N 126.12W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.2
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.5
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 1.5
 STANDARD DEVIATION OF TP(SECONDS)= 2.4
 LARGEST HS(METRES)= 11.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 219.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR) = 63123106

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-6.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
1.0-1.9	.	3	.	.	.	.	1	.	.	.	3
2.0-2.9	8	.	.	.	.	.	.	.	.	.	8
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	1	0	0	0	0	8.
MEAN HS(M) =	2.3	LARGEST HS(M)=	2.9	MEAN TP(SEC)=	6.3	NO. OF CASES=					
STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-6.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
1.0-1.9	3	.	.	.	.	.	1	.	.	.	3
2.0-2.9	3	1	.	.	.	.	.	.	.	.	3
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
TOTAL	6	9	0	0	0	0	1	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	6.8	NO. OF CASES=					
STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 22.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-6.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
1.0-1.9	3	.	.	.	.	.	1	.	.	.	3
2.0-2.9	3	1	.	.	.	.	.	.	.	.	3
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
TOTAL	6	9	0	0	0	0	1	0	0	0	11.
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.5	MEAN TP(SEC)=	6.8	NO. OF CASES=					
STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 45.0											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-6.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
1.0-1.9	3	.	.	.	.	.	1	.	.	.	3
2.0-2.9	1	6	.	.	.	.	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
TOTAL	9	6	0	0	0	0	2	0	0	0	0
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	7.2	NO. OF CASES=					
STATION 52 48.19N 125.81W AZIMUTH(DEGREES) = 67.5											
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	PEAK PERIOD(SECONDS)										
0.0-0.9	4.4-6.0	6.1-6.0	8.1-9.5	9.6-10.5	10.6-11.7	11.8-13.3	13.4-15.3	15.4-18.1	18.2-22.2	22.3- LONGER	
1.0-1.9	1	.	.	.	.	.	1	.	.	.	1
2.0-2.9	3	.	.	.	.	.	.	.	.	.	3
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
TOTAL	10	0	0	0	0	0	1	0	0	0	8.
MEAN HS(M) =	2.7	LARGEST HS(M)=	3.4	MEAN TP(SEC)=	6.6	NO. OF CASES=					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL											
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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																					0	
5.0-5.9																					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	0	0	0	0	0	0	0	0	0	0	
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) = 90.0																						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										PEAK PERIOD(SECONDS)										TOTAL	
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		33	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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) = 112.5																						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										PEAK PERIOD(SECONDS)										TOTAL	
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		60	49	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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) = 135.0																						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										PEAK PERIOD(SECONDS)										TOTAL	
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		60	49	1	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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) = 157.5																						
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										PEAK PERIOD(SECONDS)										TOTAL	
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	49	1	7	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	3.0	LARGEST HS(M)=	4.3	MEAN TP(SEC)=	6.6	NO. OF CASES=	70.															

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	.	1	0
1.0-1.9	47	32	15	68	27	20	6	1	.	.	.	.	.	.	.	.	.	.	29
2.0-2.9	15	77	46	68	22	47	1	.	.	.	.	.	.	.	.	.	.	.	165
3.0-3.9	.	11	13	25	10	1	.	.	.	.	.	.	.	.	.	.	.	.	105
4.0-4.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
5.0-5.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	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	154	139	99	91	35	3	0	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.0	LARGEST HS(M)=	9.9	MEAN TP(SEC)=	8.7	NO. OF CASES=	356.													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	15	10	8	.	27	12	0
1.0-1.9	15	145	242	116	184	68	23	5	10	1	.	.	.	.	.	.	.	.	50
2.0-2.9	13	246	222	210	217	104	11	15	1	.	.	.	.	.	.	.	.	.	367
3.0-3.9	.	58	87	116	287	124	15	.	.	.	.	.	.	.	.	.	.	.	880
4.0-4.9	.	10	1	6	30	146	125	25	.	.	.	.	.	.	.	.	.	.	827
5.0-5.9	.	1	1	1	1	179	179	45	.	.	.	.	.	.	.	.	.	.	631
6.0-6.9	.	.	.	.	.	29	26	1	.	.	.	.	.	.	.	.	.	160	
7.0-7.9	.	.	.	.	.	5	22	1	.	.	.	.	.	.	.	.	.	64	
8.0-8.9	.	.	.	.	.	1	1	1	.	.	.	.	.	.	.	.	.	35	
9.0-9.9	.	.	.	.	.	1	1	1	1	.	.	.	.	.	.	.	.	6	
10.0+	.	.	.	.	.	1	1	1	1	1	.	.	.	.	.	.	.	0	
TOTAL	89	460	643	501	900	648	157	23	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.6	LARGEST HS(M)=	10.5	MEAN TP(SEC)=	10.2	NO. OF CASES=	2013.													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	11.7	11.8-	13.3	13.4-	15.3	15.4-	18.1	18.2-	22.2	22.3-	LONGER
0.-0.9	47	102	88	51	8	0
1.0-1.9	95	111	432	358	269	145	30	.	.	.	.	.	.	.	.	.	.	.	1610
2.0-2.9	11	362	368	3252	523	496	142	6	.	.	.	.	.	.	.	.	.	.	2483
3.0-3.9	80	480	3252	609	694	1425	10	.	.	.	.	.	.	.	.	.	.	.	2523
4.0-4.9	5	138	1033	402	484	256	17	.	.	.	.	.	.	.	.	.	.	.	1485
5.0-5.9	.	1	53	164	306	162	22	.	.	.	.	.	.	.	.	.	.	.	715
6.0-6.9	.	1	6	22	145	125	22	.	.	.	.	.	.	.	.	.	.	.	229
7.0-7.9	.	1	6	6	34	17	.	.	.	.	.	.	.	.	.	.	.	.	69
8.0-8.9	.	1	1	1	1	1	1	.	.	.	.	.	.	.	.	.	.	.	16
9.0-9.9	.	1	1	1	1	1	1	1	.	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1	0
TOTAL	153	860	1535	1411	2094	2305	1038	55	0	0	0	0	0	0	0	0	0	0	0	
MEAN HS(M) =	4.2	LARGEST HS(M)=	10.1	MEAN TP(SEC)=	10.7	NO. OF CASES=	5537.													
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION												TOTAL							
	4.4-	6.0	6.1-	8.0	8.1-	9.5	9.6-	10.5	10.6-	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	56	97	426	97	59	18	8	160
1.0-1.9	75	290	1209	613	855	1254	905	148	29	.	.	.	.	.	.	.	.	.	2182
2.0-2.9	119	210	135	279	1321	1229	173	23	.	.	.	.	.	.	.	.	.	.	5143
3.0-3.9	3	246	174	520	126	1266	1206	104	.	.	.	.	.	.	.	.	.	.	3617
4.0-4.9	.	65	58	71	130	270	530	194	.	.	.	.	.	.	.	.	.	.	1250
5.0-5.9	.	.	6	6	15	44	78	90	.	.	.	.	.	.	.	.	.	.	241
6.0-6.9	.	1	1	5	1	13	15	23	.	.	.	.	.	.	.	.	.	.	18
7.0-7.9	.	1	1	1	5	1	8	3	.	.	.	.	.	.	.	.	.	.	0
8.0-8.9	.	1	1	1	1	1	1	1	.	.	.	.	.	.	.	.	.	.	56
9.0-9.9	.	1	1	1	1	1	1	1	1	.	.	.	.	.	.	.	.	.	0
10.0+	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	202	948	2867	2013	3345	4373	3156	511	0	0	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.1-	22.2-	22.3-	LONGER
0.0-0.9	258	395	763	116	13	6						1551
1.0-1.9	325	1433	7010	4215	2150	770	100	46				19048
2.0-2.9	82	231	1226	2809	4437	3555	1004	46				13405
3.0-3.9	1	142	123	477	1745	3420	2322	99				8329
4.0-4.9	.	8	182	64	364	1168	1136	161				5246
5.0-5.9	.	.	17	32	51	178	381	145				808
6.0-6.9	.	.	.	6	17	46	123					97
7.0-7.9	.	.	.	3	.	1	8	11				14
8.0-8.9	.	.	.	.	.	1	.	.				0
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.1-	22.2-	22.3-	LONGER
0.0-0.9	385	217	215	128	6	5						956
1.0-1.9	152	3374	6274	1092	718	408	35	34				11511
2.0-2.9	566	1170	1601	1907	1172	677	284	15				7687
3.0-3.9	1	366	210	316	1012	651	104	1				2668
4.0-4.9	.	18	116	30	183	557	97					1001
5.0-5.9	.	8	116	15	6	107	155					291
6.0-6.9	.	.	5	10	17	29	1					62
7.0-7.9	.	.	.	1	.	6	.					6
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.					

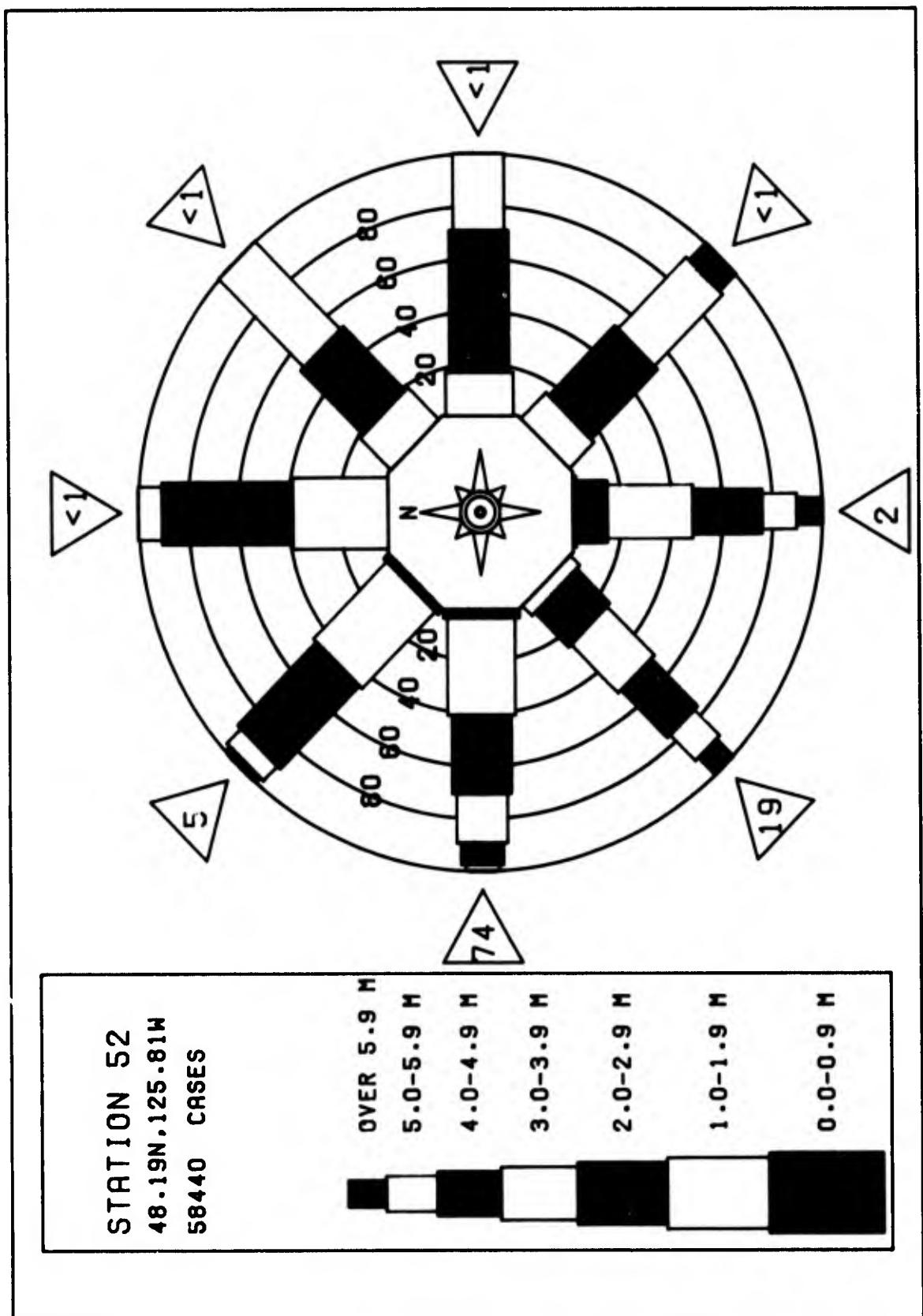
STATION 52 48.19N 125.81W AZIMUTH(DEGREES) =315.0
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL	
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.1-	22.2-	22.3-	LONGER
0.0-0.9	3	.	.	.	.	.	.	.	.	.	.	3
1.0-1.9	245	27	15	1	5	1	.	.	.	.	.	298
2.0-2.9	205	287	20	8	5	5	1	.	.	.	.	48
3.0-3.9	.	3	8	.	.	.	.	.	.	.	.	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	457	349	54	9	10	14	1	0	0	0		528.
MEAN HS(M) =	2.2	LARGEST HS(M)=	5.0	MEAN TP(SEC)=	6.3	NO. OF CASES=						

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.1-	22.2-	22.3-	LONGER
0.0-0.9	44	.	1	.	.	1	.	.	.	.	.	49
1.0-1.9	30	22	1	.	.	1	.	.	.	.	.	53
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	74	25	2	0	0	2	0	0	0	0		63.
MEAN HS(M) =	2.1	LARGEST HS(M)=	3.7	MEAN TP(SEC)=	5.9	NO. OF CASES=						

HEIGHT(METRES)	STATION 52 (48°19'N 125°8'W) PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 22.2	22.3- LONGER	
0.0-0.9	65	67	107	24	2	1	15	6	1	1	266
1.0-1.9	133	523	1261	579	295	124	140	9	1	1	3040
2.0-2.9	133	523	447	594	717	532	335	17	1	1	2833
3.0-3.9	8	154	137	481	481	661	335	10	1	1	1989
4.0-4.9	8	20	131	167	194	106	335	10	1	1	1163
5.0-5.9	.	2	3	65	88	116	133	13	1	1	451
6.0-6.9	.	.	3	10	34	56	133	13	1	1	149
7.0-7.9	.	.	.	1	4	26	14	13	1	1	150
8.0-8.9	.	.	.	.	1	6	6	5	1	1	140
9.0-9.9	.	.	.	.	.	3	3	3	1	1	130
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=					



MEAN HS(METRES) BY MONTH AND YEAR
WIS STATION 52 (48.19N 125.81W)

YEAR	MONTH												MEAN
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
1956	3.9	3.6	3.7	3.6	3.6	3.7	3.8	3.5	3.5	3.7	3.6	3.6	3.6
1957	3.8	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1958	4.0	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1959	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1960	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1961	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1962	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1963	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1964	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1965	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1966	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1967	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1968	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1969	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1970	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1971	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1972	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1973	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1974	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
1975	3.6	3.4	3.0	2.5	1.9	1.5	1.2	1.0	1.0	1.1	1.1	1.1	1.1
MEAN	4.0	3.7	3.3	2.7	2.0	1.7	1.5	1.5	1.9	2.9	3.7	4.3	

LARGEST HS(METRES) BY MONTH AND YEAR
WIS STATION 52 (48.19N 125.81W)

YEAR	MONTH											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1966	8.4	5.4	5.9	3.9	3.7	3.7	3.7	3.6	3.6	3.6	3.6	7.6
1957	8.6	5.4	4.8	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.6	7.6
1958	7.4	4.7	4.7	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	7.4
1959	7.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.4
1960	7.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.4
1961	7.5	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.5
1962	8.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	7.0
1963	6.4	6.1	6.1	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	10.6
1964	7.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.3
1965	7.4	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.3
1966	8.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	8.0
1967	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	8.7
1968	9.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.8
1969	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	7.8
1970	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	7.4
1971	8.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.2
1972	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.2
1973	8.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.2
1974	10.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.2
1975	5.8	5.5	5.5	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	9.0

20 YR. STATISTICS FOR PACIFIC STATION 52 (48.19N 125.81W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 2.6
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.4
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 1.3
 STANDARD DEVIATION OF TP(SECONDS)= 3.2
 LARGEST HS(METRES)= 10.5
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 16.7
 AVE. DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 209.0
 DATE OF LARGEST HS OCCURRENCE IS(YR,MO,DA,HR)= 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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	3	.	.	i	.	.	.	.	.	.	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	0	0	i	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	.	.	.	.	.	.	.	.	.	.	0
1.0-1.9	6	.	.	.	.	.	.	.	.	.	6
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	11	0	0	0	0	0	0	0	0	0	0	
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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
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) =	2.0	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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	1	.	.	.	.	.	.	.	.	.	1
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	7	0	0	0	0	0	0	0	0	0	7	
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	6.8-	8.1-	8.9.5	10.6-	10.5	11.7	11.8-	13.3	
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	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=					

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	6.8-	8.1-	8.9.5	10.6-	10.5	11.7	11.8-	13.3	
0.0-0.9											0
1.0-1.9	5										5
2.0-2.9	23	1									24
3.0-3.9	1	17									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	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=					

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	6.8-	8.1-	8.9.5	10.6-	10.5	11.7	11.8-	13.3	
0.0-0.9											0
1.0-1.9	6										6
2.0-2.9	30										30
3.0-3.9	6	51									57
4.0-4.9		8									8
5.0-5.9											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=					

STATION 53 48.60N 125.50N AZIMUTH(DEGREES) = 157.5
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(METRES)	PEAK PERIOD(SECONDS)										TOTAL
	4.4-	6.0	6.8-	8.1-	8.9.5	10.6-	10.5	11.7	11.8-	13.3	
0.0-0.9											0
1.0-1.9	11										11
2.0-2.9	14	1									15
3.0-3.9	13	41	1		5			3			62
4.0-4.9		10			1						11
5.0-5.9											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	87	52	1	6	0	4	0	0	0	0	91
MEAN HS(M) =	3.0	LARGEST HS(M)=	4.4	MEAN TP(SEC)=	6.2	NO. OF CASES=					

HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	13	.	.	1	.	.	.	.	.	.	0
1.0-1.9	27	30	23	38	17	10	1	.	.	.	14
2.0-2.9	.	5	1	22	13	.	.	.	.	.	123
3.0-3.9	.	.	.	.	5	1	.	.	.	.	41
4.0-4.9	.	.	.	.	.	.	.	.	.	.	1
5.0-5.9	.	.	.	.	.	.	.	.	.	.	0
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	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=					
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	23	15	11	.	.	.	.	.	.	.	0
1.0-1.9	56	82	133	80	22	15	1	.	.	.	48
2.0-2.9	13	17	222	143	193	56	1	.	.	.	392
3.0-3.9	.	53	168	154	56	2	.	.	.	.	468
4.0-4.9	.	.	17	102	61	2	.	.	.	.	197
5.0-5.9	.	.	.	15	114	17	.	.	.	.	147
6.0-6.9	.	.	.	.	20	23	.	.	.	.	44
7.0-7.9	.	.	1	.	3	8	1	.	.	.	12
8.0-8.9	.	.	.	.	1	10	.	.	.	.	11
9.0-9.9	.	.	.	.	.	.	.	.	.	.	3
10.0+	.	.	.	.	.	.	.	.	.	.	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=					
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	59	184	82	4	11	1	.	.	.	.	0
1.0-1.9	107	268	515	338	176	70	18	.	.	.	1492
2.0-2.9	15	227	398	462	677	268	30	.	.	.	2077
3.0-3.9	.	23	248	299	573	485	106	.	.	.	1734
4.0-4.9	.	5	39	107	503	645	521	.	.	.	1590
5.0-5.9	.	.	6	1	107	376	524	.	.	.	760
6.0-6.9	.	.	.	1	23	165	131	17	.	.	337
7.0-7.9	.	.	.	.	5	41	49	11	.	.	106
8.0-8.9	.	.	.	.	1	3	25	8	.	.	37
9.0-9.9	.	.	.	.	.	6	13	6	.	.	16
10.0+	.	.	.	.	.	.	.	.	.	.	0
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=					
HEIGHT(METRES)	PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION										TOTAL
	4.4-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	
0.-0.9	3	83	39	1	.	.	.	.	.	.	126
1.0-1.9	100	1129	1894	698	179	63	1	.	.	.	4064
2.0-2.9	145	212	2002	1651	1526	441	82	8	.	.	6439
3.0-3.9	1	258	436	1247	2462	1683	287	50	.	.	6379
4.0-4.9	.	37	273	325	1577	2866	1060	10	.	.	6178
5.0-5.9	.	1	83	136	427	1618	1728	120	.	.	4023
6.0-6.9	.	.	17	47	116	304	876	123	.	.	1483
7.0-7.9	.	.	.	5	22	73	229	82	.	.	407
8.0-8.9	.	.	.	1	23	78	42	42	.	.	149
9.0-9.9	.	.	.	.	3	6	37	6	.	.	52
10.0+	.	.	.	.	.	6	37	6	.	.	0
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=					

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	463	533	626	82	10	3	.	.	.	.	.	1517
1.0-1.9	1013	483	7953	2825	1121	290	26	27	.	.	.	18093
2.0-2.9	284	883	4106	2457	1521	1980	373	18	.	.	.	15583
3.0-3.9	.	296	366	1519	2855	2215	1074	29	.	.	.	8116
4.0-4.9	.	32	154	114	795	2106	1136	65	.	.	.	4402
5.0-5.9	.	29	85	111	556	1562	53	.	.	.	.	1320
6.0-6.9	.	5	8	24	78	216	47	.	.	.	.	384
7.0-7.9	.	.	.	6	24	11	6	.	.	.	.	30
8.0-8.9	.	.	.	3	5	11	8	.	.	.	.	25
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	4
TOTAL	1760	6520	13039	8834	8480	7205	3445	260	0	0	0	0

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	177	145	10	10	8	1	.	.	.	.	.	342
1.0-1.9	1136	1789	1113	82	20	75	20	5	.	.	.	4234
2.0-2.9	523	995	1071	580	30	140	17	.	.	.	.	3472
3.0-3.9	.	191	162	120	30	258	5	.	.	.	.	93
4.0-4.9	.	15	80	18	3	15	47	.	.	.	.	48
5.0-5.9	.	3	3	1	3	13	22	.	.	.	.	127
6.0-6.9	.	1	1	1	3	13	22	.	.	.	.	40
7.0-7.9	.	.	.	.	.	.	6	.	.	.	.	0
8.0-8.9	.	.	.	.	.	.	.	.	.	.	.	0
9.0-9.9	.	.	.	.	.	.	.	.	.	.	.	0
TOTAL	1836	3138	2440	846	622	543	117	10	0	0	0	0

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	121	6	1	.	.	.	.	.	.	.	.	0
1.0-1.9	71	27	1	1	.	.	.	.	.	.	.	128
2.0-2.9	1	3	1	.	.	.	.	.	.	.	.	92
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	193	36	2	1	0	0	0	0	0	0	0	0

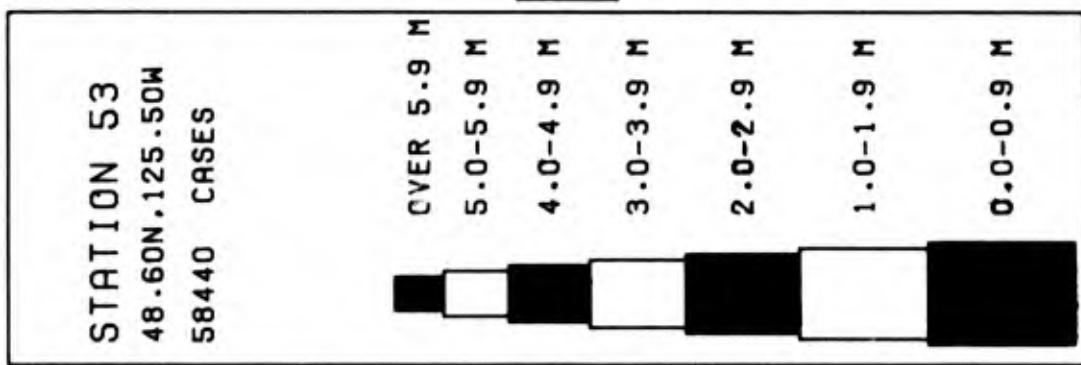
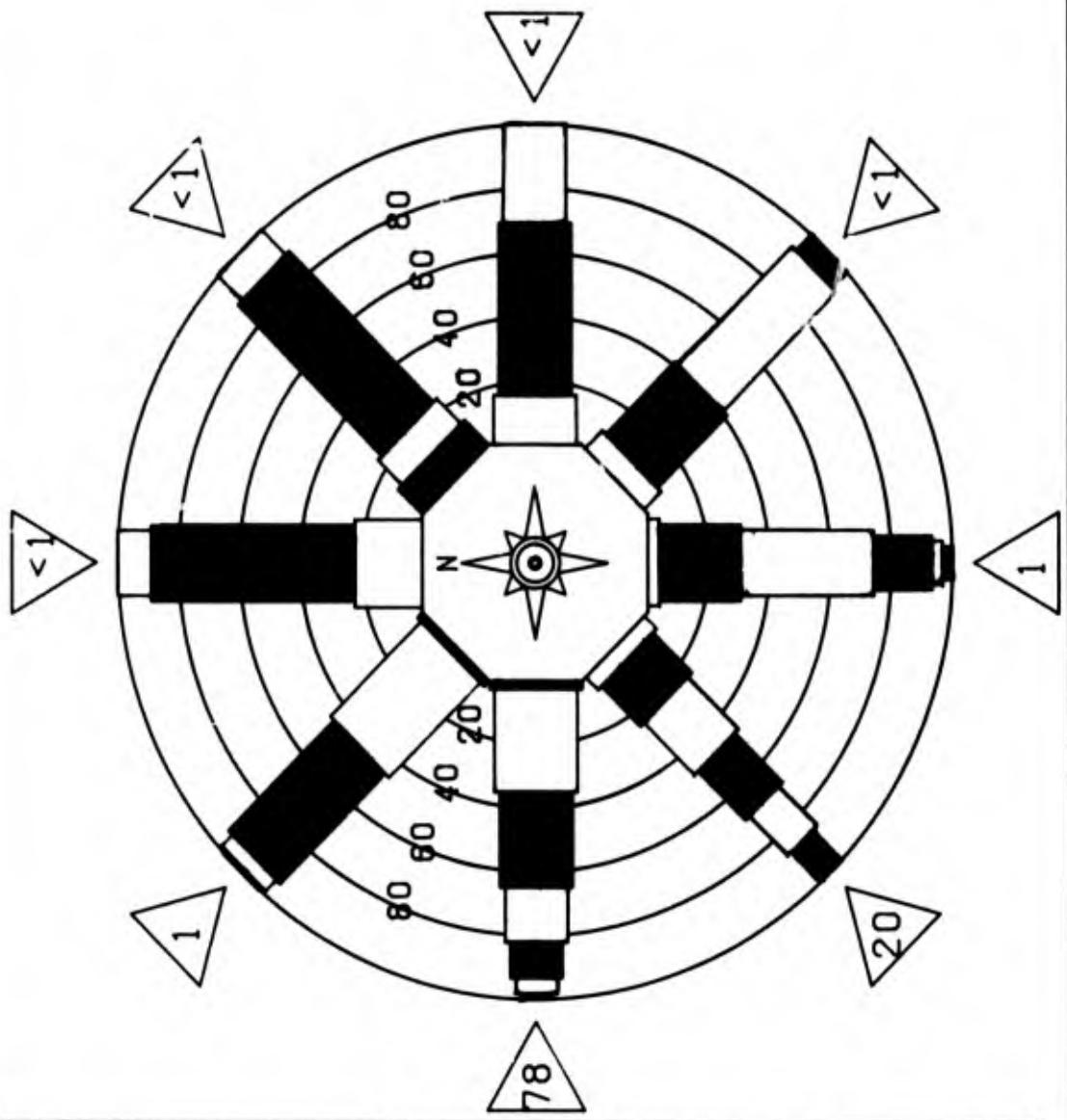
MEAN HS(M) = 2.0 LARGEST HS(M)= 3.2 MEAN TP(SEC)= 5.5 NO. OF CASES= 139.

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-	6.1-	8.1-	9.6-	10.6-	11.8-	13.4-	15.4-	18.2-	22.3-	LONGER	
0.-0.9	18	.	.	.	.	.	1	.	.	.	.	0
1.0-1.9	8	.	.	.	.	.	.	.	.	.	.	18
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	26	0	0	0	0	0	1	0	0	0	0	0

MEAN HS(M) = 1.9 LARGEST HS(M)= 2.2 MEAN TP(SEC)= 5.6 NO. OF CASES= 17.

HEIGHT(METRES)	STATION 53 48° 6'N 125° 50'W FOR ALL DIRECTIONS PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS										TOTAL
	4.4- 6.0	6.1- 8.0	8.1- 9.5	9.6- 10.5	10.6- 11.7	11.8- 13.3	13.4- 15.3	15.4- 16.1	16.2- 18.1	18.2- 22.2	
0.-0.9	64	76	47	9	1	35	3	1	1	1	197
1.0-1.9	252	794	1105	361	134	260	40	1	1	1	2687
2.0-2.9	141	267	105	726	540	257	161	1	1	1	2777
3.0-3.9	8	115	161	356	652	437	141	1	1	1	1852
4.0-4.9	.	15	15	36	115	289	104	1	1	1	1256
5.0-5.9	.	1	15	7	20	86	139	17	1	1	726
6.0-6.9	.	.	3	1	2	26	40	10	1	1	260
7.0-7.9	.	.	.	.	1	1	14	2	1	1	61
8.0-8.9	.	.	.	.	1	1	1	1	1	1	20
9.0-9.9	.	.	.	.	1	1	1	1	1	1	10
10.0+	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.			



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	4.3	3.5	4.6	3.6	3.7	2.2	1.6	1.6	1.8	2.1	3.7	4.4	4.4
1957	4.9	3.4	3.5	3.5	3.0	2.4	1.7	1.7	1.7	1.7	3.0	4.7	4.7
1958	4.5	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1959	4.1	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.1	4.1
1960	4.1	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.1	4.1
1961	4.1	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.1	4.1
1962	4.7	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1963	4.7	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1964	5.0	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1965	4.3	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1966	4.0	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1967	4.0	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1968	4.3	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1969	4.2	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1970	4.4	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1971	4.3	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1972	4.0	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1973	4.1	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1974	4.0	3.4	3.7	3.0	2.0	1.7	1.7	1.7	1.7	1.7	3.0	4.0	4.0
1975	4.1	3.7	3.5	2.5	2.0	1.5	1.5	1.5	1.5	1.5	3.2	4.3	4.6
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	8.1	5.5	6.9	4.5	3.3	3.1	3.7	2.6	3.4	5.0	5.5	8.1
1957	4.7	3.9	4.5	4.2	3.9	3.4	3.0	3.0	3.0	3.0	3.0	3.5
1958	6.6	5.9	5.9	5.5	5.2	4.9	4.6	4.6	4.6	4.6	5.0	7.0
1959	7.1	5.9	5.9	5.5	5.2	4.9	4.6	4.6	4.6	4.6	5.0	9.0
1960	8.2	6.0	6.4	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.3	9.1
1961	9.0	6.7	6.4	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.3	9.2
1962	6.5	4.9	4.4	4.1	3.8	3.4	3.0	3.0	3.0	3.0	3.3	9.3
1963	6.7	5.2	5.2	4.9	4.6	4.2	3.8	3.8	3.8	3.8	4.0	10.7
1964	9.0	6.5	6.4	5.1	4.7	4.4	4.0	4.0	4.0	4.0	4.4	7.3
1965	7.2	5.7	5.4	5.0	4.7	4.4	4.0	4.0	4.0	4.0	4.0	7.5
1966	7.3	5.3	5.0	4.7	4.4	4.1	3.7	3.7	3.7	3.7	4.0	7.5
1967	8.0	6.3	6.0	5.5	5.2	4.8	4.4	4.4	4.4	4.4	4.8	8.7
1968	8.0	6.2	6.0	5.6	5.3	4.9	4.5	4.5	4.5	4.5	4.8	8.8
1969	5.5	5.9	5.5	5.0	4.7	4.3	4.0	4.0	4.0	4.0	4.2	6.0
1970	7.7	6.9	6.5	6.1	5.8	5.4	5.0	5.0	5.0	5.0	5.3	10.4
1971	7.4	6.9	6.4	6.1	5.8	5.4	5.0	5.0	5.0	5.0	5.3	8.2
1972	9.1	8.0	7.4	6.7	6.4	6.0	5.6	5.6	5.6	5.6	6.0	10.6
1973	9.1	8.1	7.5	6.9	6.6	6.2	5.8	5.8	5.8	5.8	6.2	10.7
1974	10.2	8.7	8.0	7.5	7.2	6.8	6.4	6.4	6.4	6.4	6.7	10.7
1975	5.9	5.7	5.5	4.6	3.5	2.4	2.1	2.2	2.0	5.6	9.1	8.7

20 YR. STATISTICS FOR PACIFIC STATION 53 (48.60N 125.50W)

MEAN SIGNIFICANT WAVE HEIGHT(METRES)= 3.0
 MEAN PEAK WAVE PERIOD (SECONDS)= 10.0
 MOST FREQUENT 22.5(CENTER) DIRECTION BAND (DEGREES)= 270.0
 STANDARD DEVIATION OF HS(METRES)= 1.5
 STANDARD DEVIATION OF TP(SECONDS)= 12.4
 LARGEST HS(METRES)= 10.7
 TP (SECONDS) ASSOC. WITH THE LARGEST HS= 14.3
 AVE DIRECTION (DEGREES) ASSOC. WITH THE LARGEST HS= 252.0
 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	8.8	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	7.8	7.3
10	7.0	7.9	6.9
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	7.3
10	7.0	7.9	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	7.4
10	7.0	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	7.9	8.9	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	7.9	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	9.3	8.0
10	7.8	8.7	7.6
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	9.6	10.3	8.8
20	8.4	9.4	8.1
10	7.9	8.8	7.7
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	9.8	10.0	8.6
10	9.2	9.3	8.6
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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	10.1	11.1	9.6
20	9.5	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.4	12.4	10.6
20	10.0	11.1	9.6
10	9.3	10.5	8.8
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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.5	12.5	10.7
20	10.2	11.4	9.8
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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.6	12.8	10.8
20	10.2	10.8	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.4	12.4	10.7
20	10.1	10.3	9.7
10	9.2	10.3	9.9
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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	12.1	13.2	11.4
20	10.8	11.8	10.5
10	10.1	11.1	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	12.8	13.1	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.8	12.7	11.1
20	10.6	11.6	10.2
10	10.0	11.5	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) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	14.3	15.5	13.3
20	12.6	13.2	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) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	14.3	15.6	13.4
20	12.9	13.3	12.5
10	11.7	12.3	11.5
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) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	13.4	14.5	12.6
20	11.9	13.4	11.6
10	11.2	12.4	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) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	13.0	14.0	12.5
20	11.6	13.0	11.5
10	10.9	12.5	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) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	14.1	15.6	13.9
20	12.1	13.6	11.6
10	10.5	12.6	10.6
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) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	11.7	12.6	11.0
20	10.5	11.6	10.2
10	9.9	11.0	9.6
5	9.3	10.4	9.1

PACIFIC PHASE 2 STATION 42 (44.82N, 125.01W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M) WITH .75 FRACTILE	LOWER LIMIT HS(M) WITH .25 FRACTILE
50	11.0	12.7	11.4
20	10.0	11.6	10.7
10	9.4	11.4	10.2
5	9.3	10.9	9.8

PACIFIC PHASE 2 STATION 43 (45.23N, 124.72W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.5	12.1	11.0
20	10.8	11.0	10.4
10	10.2	10.6	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.8	12.5	11.3
20	10.8	11.8	10.6
10	10.3	11.2	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.1	11.8	10.5
20	10.1	11.0	9.8
10	9.9	10.5	9.4
5	9.5	10.0	8.9

PACIFIC PHASE 2 STATION 47 (46.50N, 125.42W)

RETURN PERIOD (YRS)	HS(M)	UPPER LIMIT HS(M)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	ASSOCIATED WITH .25 FRACTILE
50	11.2	12.0	10.7
20	10.6	11.4	10.0
10	9.7	10.7	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)	LOWER LIMIT HS(M)
		ASSOCIATED WITH .75 FRACTILE	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	10.3	10.3
10	10.0	10.4	9.8
5	9.5		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	12.6	13.0	11.5
20	11.6	11.5	10.2
10	10.4	11.5	9.6
5	9.8	10.9	

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	11.6
20	11.4	11.4	11.0
10	10.9	11.2	10.4
5	10.2		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	12.9	14.0	11.9
20	11.2	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	14.6	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	10.4
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	12.3	10.4
10	10.8	11.5	9.7
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	11.2
10	11.7	13.5	11.5
5	10.7	12.4	10.5

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	13.4	12.1
10	11.6	12.4	11.2
5	10.7	12.4	10.4