

Monthly Wave Characteristics National Oceanographic Data Center Volume I

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Ocean Engineering

Hidekatsu Yamazaki, Ph.D.
John B. Herbich, Ph.D., P.E.
Department of Civil Engineering
Texas A&M University



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MONTHLY WAVE CHARACTERISTICS
December 1979 - May 1982
NATIONAL OCEANOGRAPHIC DATA CENTER

Volume 1
BUOY NO. 42001

Prepared by Hidekatsu Yamazaki, Ph.D.
and
John B. Herbich, Ph.D., P.E.

Ocean Engineering Program
Department of Civil Engineering
Texas A&M University

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INTRODUCTION

The Data Office of the National Oceanic and Atmospheric Administration has been deploying a number of buoys around the U.S. coast. Two buoys, Numbers 42001 and 42002, are located in the central part of the Gulf of Mexico in approximately 6,600 ft of water. Monthly wave characteristics are summarized for the data from December 1979 to May 1982. The original NDBO data provides the spectral information for each observed wave record. The spectral information were omitted from the monthly summaries to avoid duplication.

The following variables are shown in the monthly summaries:

1. significant wave height (m)
2. average wave periods (sec)
3. air temperature (C°)
4. sea surface temperature (C°)
5. barometer (mb)
6. wind speed (m/sec)
7. wind direction (degree from true North)

The Statistical Analysis System (SAS, 1979) was employed to perform the monthly statistical summaries. The SAS has been used in a wide variety of fields not only for statistical manipulations but also for graphical representations.

The first table for each month shows monthly statistics for each of the variables.

The first column indicates the variable, the second column gives the number of observed data points, the third column shows the mean value and subsequent columns show the standard deviation, minimum and maximum values, the range, skewness and Kurtosis.

The first figure is a graphical representation of a histogram of wind speed, the second figure is a histogram of wind direction, the third figure is a histogram of significant wave height. The subsequent figures present a histogram of average wave period and frequency of significant heights and average periods.

Daily statistics are for selected variables such as the air temperature, sea temperature, wind speed, significant wave height and average wave period.

Buoy 42001		Variable: Significant Wave Height					
Month	Year	Mean (Max)	Standard Deviation	Month	Year	Mean (Max)	Standard Deviation
12	1979	1.23 (3.30)	0.61	3	1981	----	----
1	1980	1.27 (3.60)	0.58	4	1981	----	----
2	1980	1.52 (3.70)	0.85	5	1981	----	----
3	1980	----	----	6	1981	1.06 (2.80)	0.58
4	1980	1.23 (4.30)	0.73	7	1981	0.63 (2.10)	0.40
5	1980	0.92 (2.80)	0.48	8	1981	0.59 (1.90)	0.34
6	1980	0.72 (1.70)	0.34	9	1981	0.42 (1.80)	0.33
7	1980	0.53 (1.80)	0.37	10	1981	0.97 (3.30)	0.56
8	1980	0.93 (9.10)	1.30*	11	1981	1.10 (3.10)	0.66
9	1980	0.85 (2.30)	0.39	12	1981	1.20 (3.30)	0.59
10	1980	1.03 (3.20)	0.53	1	1982	1.41 (5.30)	0.83
11	1980	1.72 (6.60)	1.34	2	1982	1.20 (3.00)	0.52
12	1980	1.23 (3.50)	0.60	3	1982	1.19 (4.50)	0.75
1	1981	----	----	4	1982	1.24 (3.50)	0.54
2	1981	----	----	5	1982	1.03 (2.50)	0.50

*Hurricane ALLEN

Buoy 42001				Variable: Average Period			
Month	Year	Mean Value	Standard Deviation	Month	Year	Mean Value	Standard Deviation
12	1979	4.67	0.96	3	1981	---	----
1	1980	4.55	0.89	4	1981	---	----
2	1980	4.90	1.03	5	1981	---	----
3	1980	----	----	6	1981	4.94	0.82
4	1980	4.89	0.84	7	1981	4.28	0.63
5	1980	4.52	0.69	8	1981	4.35	0.56
6	1980	4.74	0.50	9	1981	3.94	0.52
7	1980	4.10	0.57	10	1981	4.50	0.74
8	1980	4.32	1.04	11	1981	4.55	0.79
9	1980	4.78	0.66	12	1981	4.60	0.79
10	1980	4.62	0.66	1	1982	4.90	0.73
11	1980	5.30	1.25	2	1982	4.69	0.66
12	1980	4.85	0.71	3	1982	4.67	0.81
1	1981	----	----	4	1982	4.87	0.73
2	1981	----	----	5	1982	4.73	0.66

Buoy 42001

Variable: Air Temperature (°C)

Month	Year	Mean Value	Standard Deviation	Month	Year	Mean Value	Standard Deviation
12	1979	22.5	2.26	3	1981	20.0	1.98
1	1980	22.0	2.36	4	1981	23.4	1.08
2	1980	18.4	2.47	5	1981	24.6	1.05
3	1980	----	----	6	1981	28.2	0.56
4	1980	22.5	1.81	7	1981	29.1	0.86
5	1980	25.6	1.50	8	1981	29.5	0.80
6	1980	27.8	0.76	9	1981	29.6	0.60
7	1980	28.4	1.07	10	1981	27.4	1.82
8	1980	28.6	0.74	11	1981	24.9	1.26
9	1980	28.1	1.03	12	1981	23.0	2.26
10	1980	25.7	1.44	1	1982	22.9	2.73
11	1980	22.3	2.49	2	1982	23.5	1.46
12	1980	20.4	2.63	3	1982	24.0	2.22
1	1981	18.0	2.41	4	1982	26.0	0.95
2	1981	19.1	2.52	5	1982	27.1	0.89

Buoy 42001		Variable: Sea Temperature (°C)					
Month	Year	Mean Value	Standard Deviation	Month	Year	Mean Value	Standard Deviation
12	1979	25.7	0.58	3	1981	21.0	0.96
1	1980	25.0	0.43	4	1981	23.6	1.11
2	1980	23.9	0.57	5	1981	25.5	0.55
3	1980	----	----	6	1981	27.5	0.64
4	1980	23.6	1.21	7	1981	28.8	0.72
5	1980	26.0	1.05	8	1981	29.5	0.56
6	1980	28.4	0.80	9	1981	29.2	0.61
7	1980	29.5	0.73	10	1981	27.0	0.67
8	1980	29.4	0.76	11	1981	25.2	0.25
9	1980	29.2	0.33	12	1981	23.8	0.74
10	1980	27.6	0.73	1	1982	22.6	0.48
11	1980	24.8	0.72	2	1982	22.3	0.75
12	1980	23.4	0.99	3	1982	22.7	0.95
1	1981	21.6	0.75	4	1982	24.2	0.49
2	1981	21.0	0.65	5	1982	24.8	1.07

Buoy 42001

Variable: Barometer (mb)

Month	Year	Mean Value	Standard Deviation	Month	Year	Mean Value	Standard Deviation
12	1979	1018.9	4.30	3	1981	1016.7	4.91
1	1980	1016.4	3.49	4	1981	1019.3	3.62
2	1980	1020.3	3.65	5	1981	1013.5	2.58
3	1980	-----	-----	6	1981	1015.0	1.94
4	1980	1015.2	4.06	7	1981	1016.9	1.65
5	1980	1012.9	2.23	8	1981	1015.1	2.34
6	1980	1016.6	1.48	9	1981	1014.5	1.46
7	1980	1016.0	1.93	10	1981	1017.0	2.78
8	1980	1015.4	3.02	11	1981	1018.4	1.94
9	1980	1015.4	1.70	12	1981	1018.8	4.53
10	1980	1016.7	2.52	1	1982	1019.4	3.77
11	1980	1018.1	4.25	2	1982	1018.6	3.39
12	1980	1021.4	2.78	3	1982	1016.3	4.71
1	1981	1021.0	4.45	4	1982	1015.2	2.91
2	1981	1020.8	5.53	5	1982	1014.7	2.74

Buoy 42001

Variable: Wind Speed (m/sec)

Month	Year	Mean Value	Standard Deviation	Month	Year	Mean Value	Standard Deviation
12	1979	6.75	3.00	3	1981	6.73	2.92
1	1980	7.52	2.75	4	1981	6.52	2.82
2	1980	7.57	3.03	5	1981	5.15	1.72
3	1980	----	----	6	1981	5.83	2.47
4	1980	6.30	3.11	7	1981	4.37	2.43
5	1980	5.67	2.70	8	1981	4.14	2.27
6	1980	4.63	2.15	9	1981	3.74	2.24
7	1980	3.97	2.71	10	1981	5.65	2.47
8	1980	5.36	3.72	11	1981	6.11	2.76
9	1980	5.37	2.05	12	1981	6.71	2.94
10	1980	5.93	2.50	1	1982	6.99	3.47
11	1980	7.52	3.70	2	1982	6.39	2.55
12	1980	6.75	2.76	3	1982	6.35	2.71
1	1981	6.61	2.76	4	1982	6.31	2.66
2	1981	6.47	3.15	5	1982	5.75	2.15

Buoy 42001				Variable: Wind Direction			
Month	Year	Mean Value	Standard Deviation	Month	Year	Mean Value	Standard Deviation
12	1979	135.3	102.3	3	1981	151.8	109.8
1	1980	157.5	96.3	4	1981	100.5	70.3
2	1980	126.9	114.8	5	1981	55.3	15.7*
3	1980	----	-----	6	1981	95.1	26.8
4	1980	178.4	112.0	7	1981	104.1	66.4
5	1980	139.0	64.0	8	1981	110.7	72.3
6	1980	159.7	67.8	9	1981	100.3	79.2
7	1980	174.4	92.4	10	1981	99.5	59.3
8	1980	138.4	58.9	11	1981	134.0	98.4
9	1980	136.9	61.8	12	1981	125.7	84.7
10	1980	93.5	77.3	1	1982	131.0	83.3
11	1980	125.3	106.4	2	1982	120.1	93.8
12	1980	125.0	108.2	3	1982	122.2	67.0
1	1981	114.7	107.2	4	1982	123.0	65.4
2	1981	153.5	125.0	5	1982	102.9	56.5

*only 29 data

DESCRIPTION OF TABLES AND FIGURES

Each set of monthly data consists of three tables and four figures.

Table 1 - Monthly Statistical Summary. Selected variables are as follows:

- a. number of observations (N),
- b. mean value,
- c. standard deviation,
- d. minimum and maximum values,
- e. range, and
- f. skewness and kurtosis.

Abbreviated names of variables are given in the tables.

Fig. 1 - Percentage frequency histogram of wind speed.

Fig. 2 - Percentage frequency histogram of wind direction from true north.

Fig. 3 - Percentage frequency histogram of significant wave height.

Fig. 4 - Percentage frequency histogram of average wave period.

Table 2 - Cross Percentage Frequency of Significant Wave Height and Average Wave Period. The values appearing in the table are corresponding to the values used in Figures 3 and 4. Symbol "." indicates missing observation.

Table 3 - Daily Statistics for:

- a. air temperature (AIRTEMP),
- b. sea temperature (SEATEMP),
- c. wind speed (WINDSPED),
- d. significant wave height (SIGWVHT), and
- e. average wave period (AVWVPR).

Selected variables are:

- a. number of observations,
- b. mean value,
- c. standard deviation,
- d. minimum value, and
- e. maximum value.

DATA FOR

DECEMBER 1979

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 DECEMBER 1979

AIRTEMP	SEA TEMPERATURE (C)	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SEATEMP	SEA TEMPERATURE (C)	SIGNIFICANT WAVE HEIGHTS (M)
BAROMTR	BAROMETER (MB)	AVERAGE WAVE PERIODS (SEC)
WINDSPED	WIND SPEED (M/SEC)	
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)	
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)	
AVWVPR	AVERAGE WAVE PERIODS (SEC)	

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	647	22.495	2.257	17.300	28.100	8.800	-0.477	-0.879
SEATEMP	647	25.674	0.578	24.800	27.300	2.500	0.023	-0.784
BAROMTR	647	1018.847	4.288	1005.700	1028.100	22.400	-0.585	0.685
WINDDRC	647	6.781	3.003	0.200	14.800	14.600	-0.148	-0.728
WINDSPED	647	135.300	102.286	0.200	385.800	385.600	0.942	-0.315
SIGWVHT	647	1.230	0.807	0.200	3.100	2.900	0.490	0.189
AVWVPR	647	4.673	0.858	2.600	7.500	4.900	0.336	-0.275

Table 1

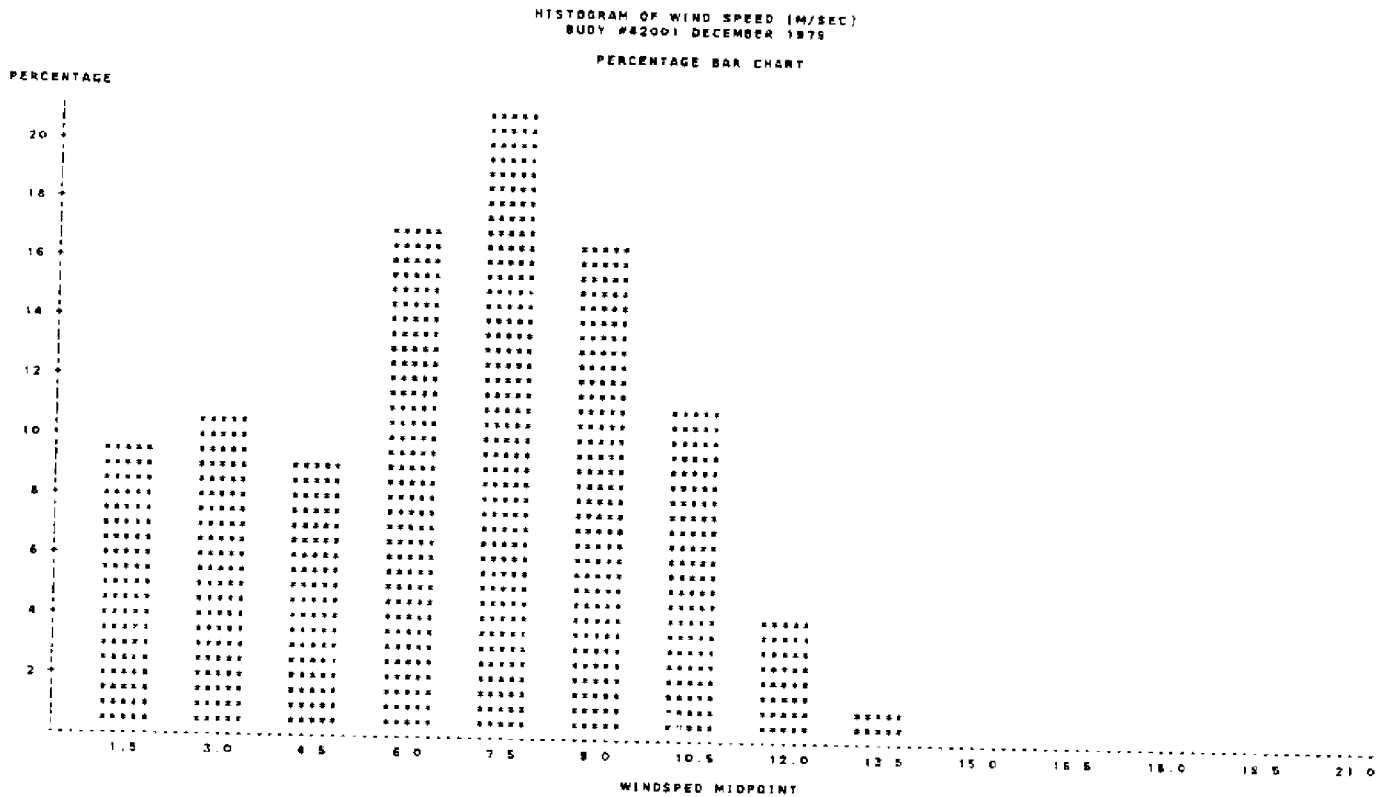


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 DECEMBER 1979

PERCENTAGE BAR CHART

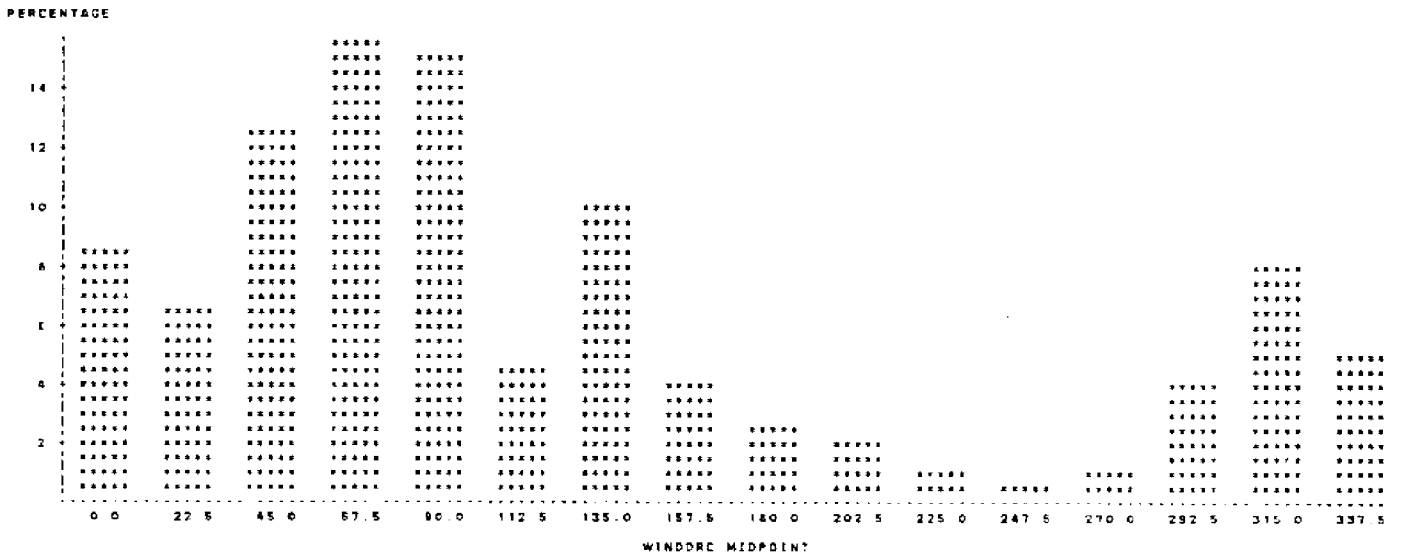


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 DECEMBER 1979

PERCENTAGE BAR CHART

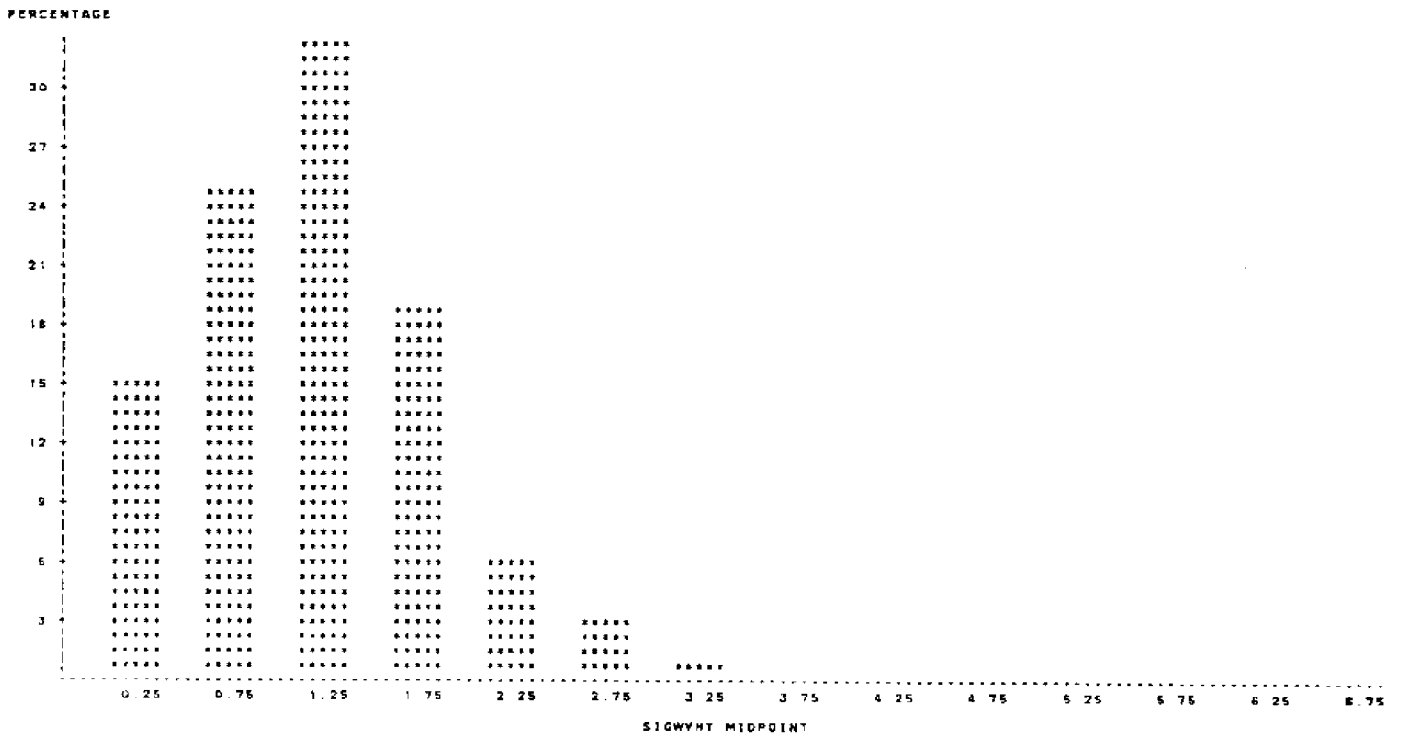


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 DECEMBER 1979

PERCENTAGE BAR CHART

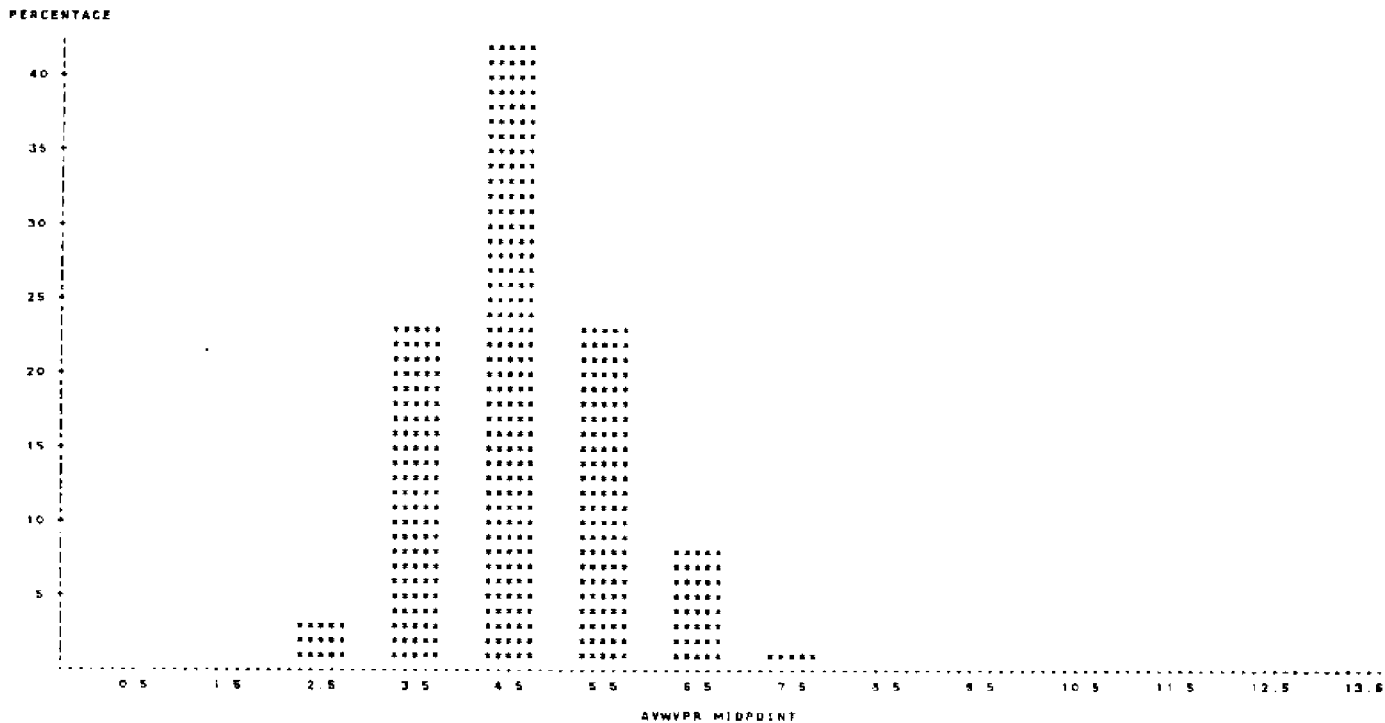


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 DECEMBER 1979

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	TOTAL
		0	0	0	0	0	0	0	
<=3.0	0	20 3.09 100.00 20.62	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	20 3.09
<=4.0	0	21 3.25 13.82 21.65	68 10.51 44.74 41.98	58 8.96 38.18 27.88	5 0.77 3.29 4.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	152 23.48
<=5.0	0	58 8.66 20.68 57.73	68 10.51 25.00 41.98	81 12.62 28.78 38.94	81 9.43 22.47 50.83	5 0.83 2.21 15.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	272 42.04
<=6.0	0	0 0.00 0.00 0.00	28 4.02 17.69 16.05	58 8.96 46.26 32.89	46 7.11 31.29 38.33	6 0.93 4.08 15.00	1 0.15 0.68 5.88	0 0.00 0.00 0.00	147 22.72
<=7.0	0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.15 1.92 0.48	8 1.24 15.38 6.67	28 4.33 53.85 70.00	15 2.32 28.55 88.24	0 0.00 0.00 0.00	52 8.04
<=8.0	0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.15 25.00 5.88	3 0.46 75.00 100.00	4 0.62
TOTAL		97 14.99	182 25.04	208 32.15	120 18.55	40 6.18	17 2.62	3 0.46	647 100.00

Table 2

DAILY STATISTICS
 BUDDY #42001 DECEMBER 1978

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#5 -----					
AIRTEMP	23	22.165	0.800	21.600	24.800
SEATEMP	23	26.230	0.129	26.000	26.400
WINDSPED	23	8.328	1.193	7.100	11.700
SIGWVHT	23	1.661	0.123	1.400	1.800
AVWVPR	23	4.826	0.362	4.300	5.400
----- DAY#6 -----					
AIRTEMP	24	24.754	0.937	21.900	25.600
SEATEMP	24	26.333	0.082	26.100	26.400
WINDSPED	24	8.537	1.867	3.100	11.500
SIGWVHT	24	1.600	0.179	1.200	2.000
AVWVPR	24	4.375	0.272	4.000	4.900
----- DAY#7 -----					
AIRTEMP	24	24.242	0.483	23.700	25.000
SEATEMP	24	25.946	0.382	25.600	26.200
WINDSPED	24	3.529	1.248	0.600	6.100
SIGWVHT	24	0.954	0.156	0.700	1.300
AVWVPR	24	5.121	0.179	4.900	5.600
----- DAY#8 -----					
AIRTEMP	24	24.033	0.653	22.900	24.500
SEATEMP	24	25.783	0.176	25.600	26.100
WINDSPED	24	8.228	0.893	6.500	10.000
SIGWVHT	24	1.212	0.178	0.900	1.600
AVWVPR	24	4.367	0.282	4.100	5.300
----- DAY#9 -----					
AIRTEMP	24	22.725	0.318	22.300	23.300
SEATEMP	24	25.662	0.097	25.500	25.900
WINDSPED	24	6.308	0.918	6.400	9.600
SIGWVHT	24	1.625	0.122	1.400	1.800
AVWVPR	24	4.892	0.169	4.600	5.300
----- DAY#10 -----					
AIRTEMP	24	22.208	0.589	21.800	22.400
SEATEMP	24	25.792	0.169	25.500	26.000
WINDSPED	24	6.650	0.875	5.200	8.400
SIGWVHT	24	1.221	0.106	1.000	1.400
AVWVPR	24	4.483	0.206	4.200	4.900

Table 3

DAILY STATISTICS
 BUDDY #42001 DECEMBER 1978

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#11 -----					
AIRTEMP	24	24.642	0.751	23.300	26.800
SEATEMP	24	26.778	0.280	26.600	26.900
WINDSPED	24	7.121	1.181	4.800	8.000
SIGWVHT	24	1.125	0.157	0.900	1.400
AVWVPR	24	3.787	0.238	3.500	4.200
----- DAY#12 -----					
AIRTEMP	24	24.967	0.791	22.800	25.900
SEATEMP	24	26.396	0.112	26.200	26.600
WINDSPED	24	8.992	1.703	5.700	12.600
SIGWVHT	24	1.454	0.110	1.300	1.600
AVWVPR	24	3.675	0.185	3.500	4.100
----- DAY#13 -----					
AIRTEMP	24	26.554	0.361	24.800	26.100
SEATEMP	24	26.579	0.118	26.500	26.800
WINDSPED	24	7.062	1.693	3.300	9.400
SIGWVHT	24	1.192	0.174	0.800	1.400
AVWVPR	24	3.667	0.176	3.400	4.100
----- DAY#14 -----					
AIRTEMP	24	25.046	0.535	24.800	26.100
SEATEMP	24	26.658	0.219	26.300	27.300
WINDSPED	24	2.392	1.472	0.200	6.200
SIGWVHT	24	0.837	0.088	0.500	0.900
AVWVPR	24	4.871	0.286	4.400	5.500
----- DAY#15 -----					
AIRTEMP	24	23.942	1.026	21.500	25.200
SEATEMP	24	25.242	0.348	25.500	26.800
WINDSPED	24	5.667	2.418	0.600	10.100
SIGWVHT	24	1.221	0.184	1.000	1.500
AVWVPR	24	5.287	0.423	4.100	5.700
----- DAY#16 -----					
AIRTEMP	24	22.867	0.574	22.800	24.800
SEATEMP	24	25.629	0.197	25.400	26.000
WINDSPED	24	6.504	2.127	2.500	9.600
SIGWVHT	24	1.086	0.239	0.800	1.500
AVWVPR	24	4.487	0.783	3.700	6.100

Table 3 (continue)

DAILY STATISTICS
 BUDDY #42001 DECEMBER 1979

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:17 -----					
AIRTEMP	24	20.808	1.752	18.000	23.200
SEATEMP	24	25.287	0.085	25.100	25.400
WINDSPED	24	10.987	1.587	7.400	13.600
SIGWVHT	24	2.042	0.602	1.200	3.000
AVWVPR	24	5.912	0.605	5.000	6.800
----- DAY:18 -----					
AIRTEMP	24	18.075	0.474	17.300	18.800
SEATEMP	24	25.004	0.121	24.800	25.200
WINDSPED	24	7.142	1.346	5.400	8.700
SIGWVHT	24	1.875	0.348	1.400	2.500
AVWVPR	24	6.298	0.328	5.500	6.800
----- DAY:19 -----					
AIRTEMP	24	18.996	0.859	18.100	20.400
SEATEMP	24	25.187	0.403	24.900	25.000
WINDSPED	24	2.204	1.346	0.500	5.100
SIGWVHT	24	0.912	0.323	0.500	1.500
AVWVPR	24	5.017	0.337	4.300	5.600
----- DAY:20 -----					
AIRTEMP	24	20.854	0.787	20.000	22.100
SEATEMP	24	25.321	0.254	24.800	25.700
WINDSPED	24	2.283	0.684	1.000	3.900
SIGWVHT	24	0.304	0.075	0.200	0.400
AVWVPR	24	4.517	0.113	4.300	4.700
----- DAY:21 -----					
AIRTEMP	24	22.454	0.525	21.400	23.300
SEATEMP	24	25.137	0.082	25.000	25.300
WINDSPED	24	5.525	1.667	1.500	7.900
SIGWVHT	24	0.596	0.293	0.200	1.000
AVWVPR	24	3.717	0.528	3.100	5.000
----- DAY:22 -----					
AIRTEMP	24	23.608	0.835	22.400	24.700
SEATEMP	24	25.571	0.220	25.100	25.900
WINDSPED	24	6.425	0.808	5.200	7.400
SIGWVHT	24	0.912	0.054	0.800	1.000
AVWVPR	24	3.896	0.095	3.500	3.800

Table 3 (continue)

DAILY STATISTICS
 BUDDY #42001 DECEMBER 1979

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:23 -----					
AIRTEMP	24	24.557	0.275	24.200	25.100
SEATEMP	24	25.354	0.172	25.100	25.700
WINDSPED	24	9.450	1.309	7.800	12.700
SIGWVHT	24	1.446	0.191	1.100	1.700
AVWVPR	24	4.108	0.144	3.800	4.300
----- DAY:24 -----					
AIRTEMP	24	23.817	1.189	21.500	25.200
SEATEMP	24	28.243	0.113	25.000	25.400
WINDSPED	24	11.625	1.275	8.000	14.600
SIGWVHT	24	2.117	0.313	1.700	2.900
AVWVPR	24	5.054	0.539	4.200	6.400
----- DAY:25 -----					
AIRTEMP	24	19.296	0.617	18.800	20.900
SEATEMP	24	24.775	0.079	24.700	25.000
WINDSPED	24	8.682	0.728	7.700	10.100
SIGWVHT	24	2.533	0.262	1.500	3.300
AVWVPR	24	6.728	0.411	5.900	7.600
----- DAY:26 -----					
AIRTEMP	24	19.746	0.699	18.700	20.900
SEATEMP	24	24.754	0.217	24.600	25.200
WINDSPED	24	4.508	2.063	1.500	8.300
SIGWVHT	24	1.271	0.370	0.700	1.800
AVWVPR	24	5.433	0.401	4.700	6.000
----- DAY:27 -----					
AIRTEMP	24	20.850	0.553	19.900	21.400
SEATEMP	24	25.004	0.425	24.700	25.800
WINDSPED	24	2.146	0.678	0.700	3.300
SIGWVHT	24	0.452	0.087	0.300	0.700
AVWVPR	24	4.375	0.136	4.200	4.800
----- DAY:28 -----					
AIRTEMP	24	21.604	0.212	21.200	22.100
SEATEMP	24	25.333	0.468	24.800	25.900
WINDSPED	24	5.325	1.814	2.300	8.900
SIGWVHT	24	0.284	0.184	0.200	0.700
AVWVPR	24	3.382	0.517	2.700	4.300

Table 3 (continue)

DAILY STATISTICS
 BUCY #42001 DECEMBER 1979

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#29 -----					
AIRTEMP	24	23.017	0.646	21.600	24.100
SEATEMP	24	26.117	0.228	25.900	26.600
WINDSPED	24	6.612	1.152	3.300	7.500
SIGWVHT	24	0.482	0.147	0.300	0.800
AVWVPR	24	2.882	0.243	2.600	3.400
----- DAY#30 -----					
AIRTEMP	24	21.712	1.432	18.600	24.000
SEATEMP	24	26.121	0.041	26.100	26.200
WINDSPED	24	7.433	2.075	2.900	10.800
SIGWVHT	24	1.278	0.848	0.800	2.100
AVWVPR	24	5.067	0.810	3.400	6.300
----- DAY#31 -----					
AIRTEMP	24	18.833	0.416	18.200	19.600
SEATEMP	24	25.954	0.114	25.700	26.100
WINDSPED	24	9.171	2.066	5.500	12.600
SIGWVHT	24	1.542	0.247	1.200	2.100
AVWVPR	24	5.712	0.190	5.600	6.000

Table 3 (continue)

42001 JANUARY 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 JANUARY 1980

AIRTEMP	AIR TEMPERATURE (C)	
SEATEMP	SEA TEMPERATURE (C)	
BARDMTR	BAROMETER (MB)	
WINDSPED	WIND SPEED (M/SEC)	
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)	
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)	
AVWVPR	AVERAGE WAVE PERIODS (SEC)	

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	495	21.982	2.361	16.400	25.600	9.200	-0.813	-0.200
SEATEMP	495	24.999	0.431	24.200	28.200	2.000	0.250	-0.508
BARDMTR	468	1015.441	3.458	1007.300	1023.600	16.300	-0.585	-0.288
WINDSPED	440	7.520	2.745	0.200	18.200	18.000	-0.151	0.642
WINDDRG	440	157.446	98.328	0.900	359.600	358.700	0.625	-0.590
SIGWVHT	648	1.269	0.584	0.400	3.600	3.200	1.422	2.225
AVWVPR	648	4.547	0.882	2.700	7.400	4.700	0.804	0.593

Table 1

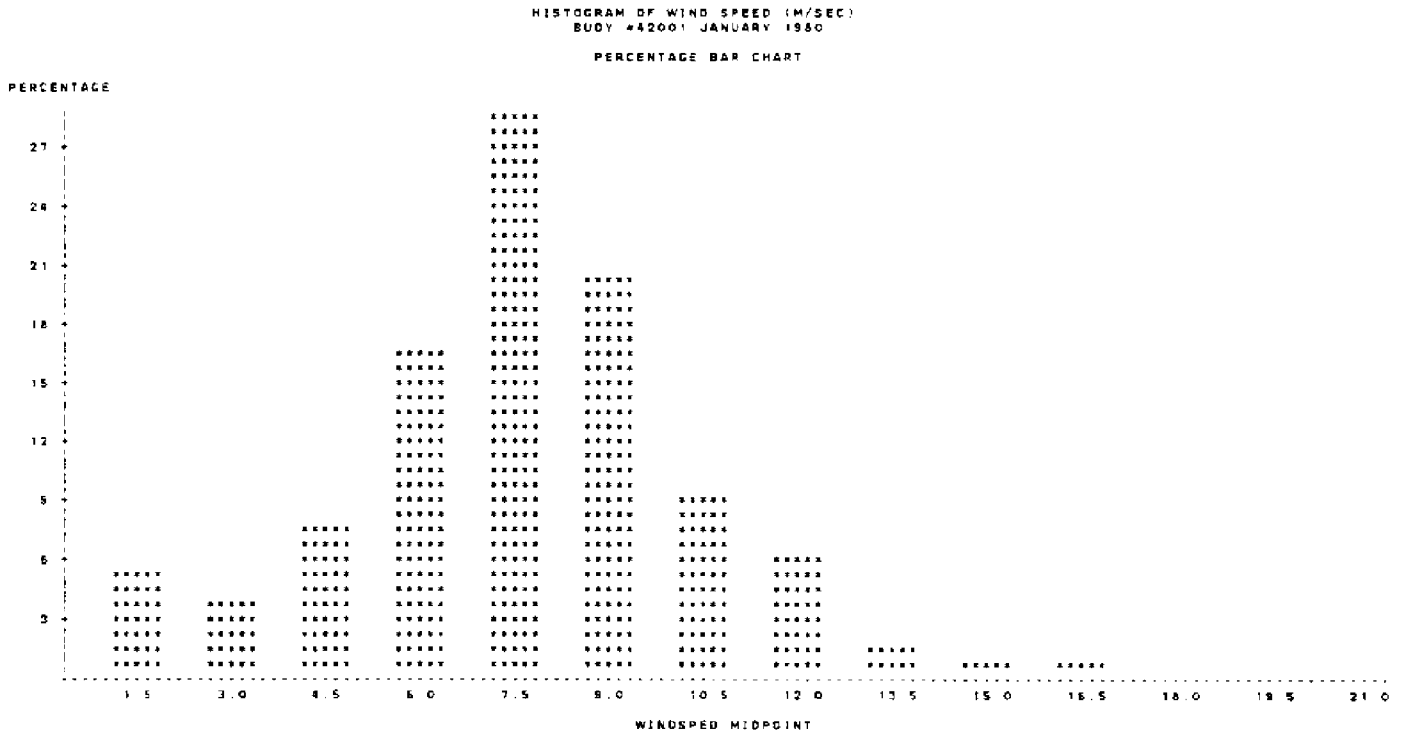


Fig. 1

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 JANUARY 1960

PERCENTAGE BAR CHART

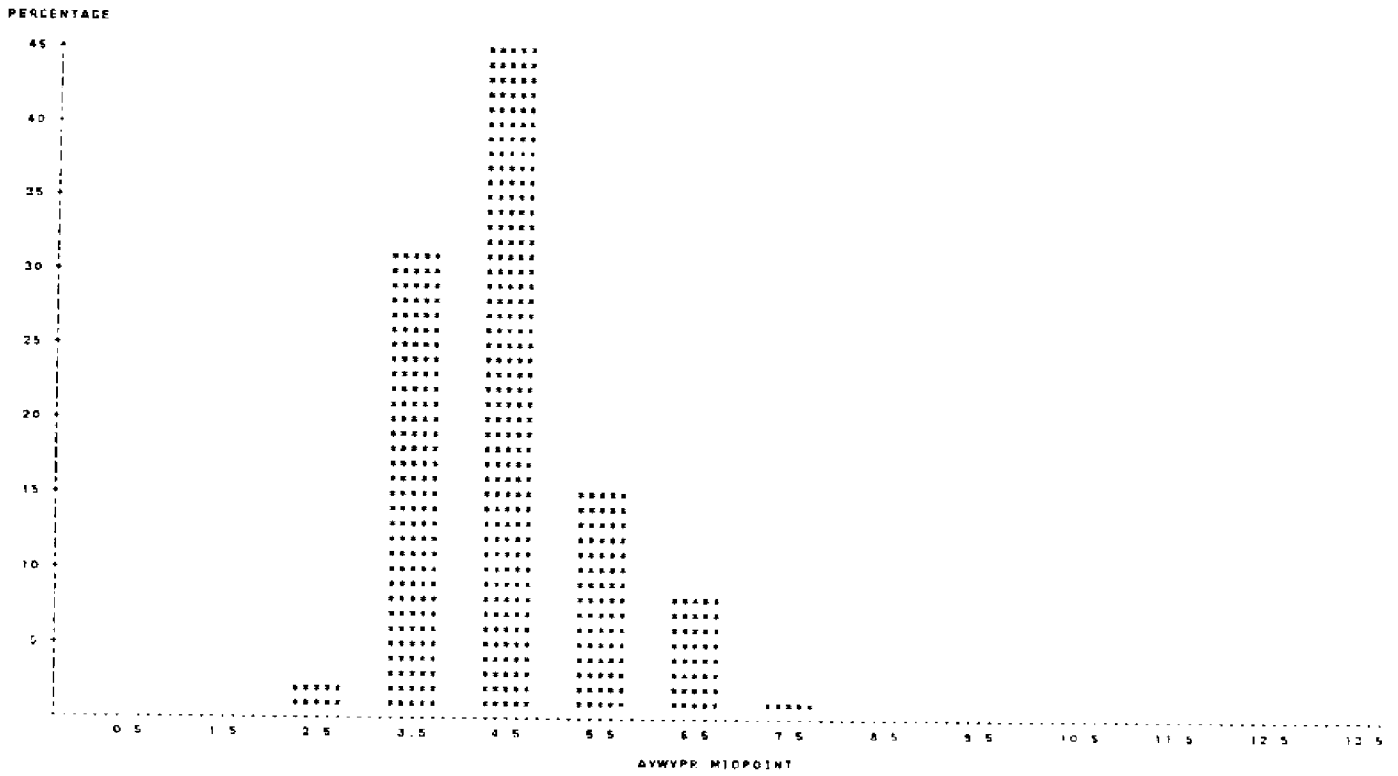


Fig. 2

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 JANUARY 1960

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS									TOTAL
		<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	<=4.0		
	0	0	0	0	0	0	0	0	0	0	0
<=3.0	0	7	4	0	0	0	0	0	0	0	11
	1	08	62	000	000	000	000	000	000	000	170
	2	84	35	000	000	000	000	000	000	000	
	3	84	59	000	000	000	000	000	000	000	
<=4.0	0	5	11	82	0	0	0	0	0	0	198
	1	77	17	65	000	000	000	000	000	000	3056
	2	53	56	41	000	000	000	000	000	000	
	3	32	44	74	000	000	000	000	000	000	
<=5.0	0	7	19	128	23	12	0	0	0	0	269
	1	08	35	18	55	185	000	000	000	000	4460
	2	42	41	29	55	415	000	000	000	000	
	3	84	47	87	70	67	000	000	000	000	
<=6.0	0	0	17	33	28	16	3	0	0	0	97
	1	00	52	08	32	47	45	000	000	000	1497
	2	00	53	02	87	49	09	000	000	000	
	3	00	77	58	90	55	75	000	000	000	
<=7.0	0	0	0	0	10	17	10	11	1	1	49
	1	00	00	00	54	62	54	70	15	15	756
	2	00	00	00	41	69	41	45	20	20	
	3	00	00	00	39	78	50	100	00	00	
<=8.0	0	0	0	0	0	0	3	0	1	1	4
	1	00	00	00	00	00	45	00	15	15	662
	2	00	00	00	00	00	00	75	00	25	
	3	00	00	00	00	00	75	00	00	00	
TOTAL		19	251	243	81	45	11	11	2	2	688
		2.93	38.73	37.50	9.41	6.94	2.47	1.70	0.21	0.21	100.00

Table 2

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 JANUARY 1980

PERCENTAGE BAR CHART

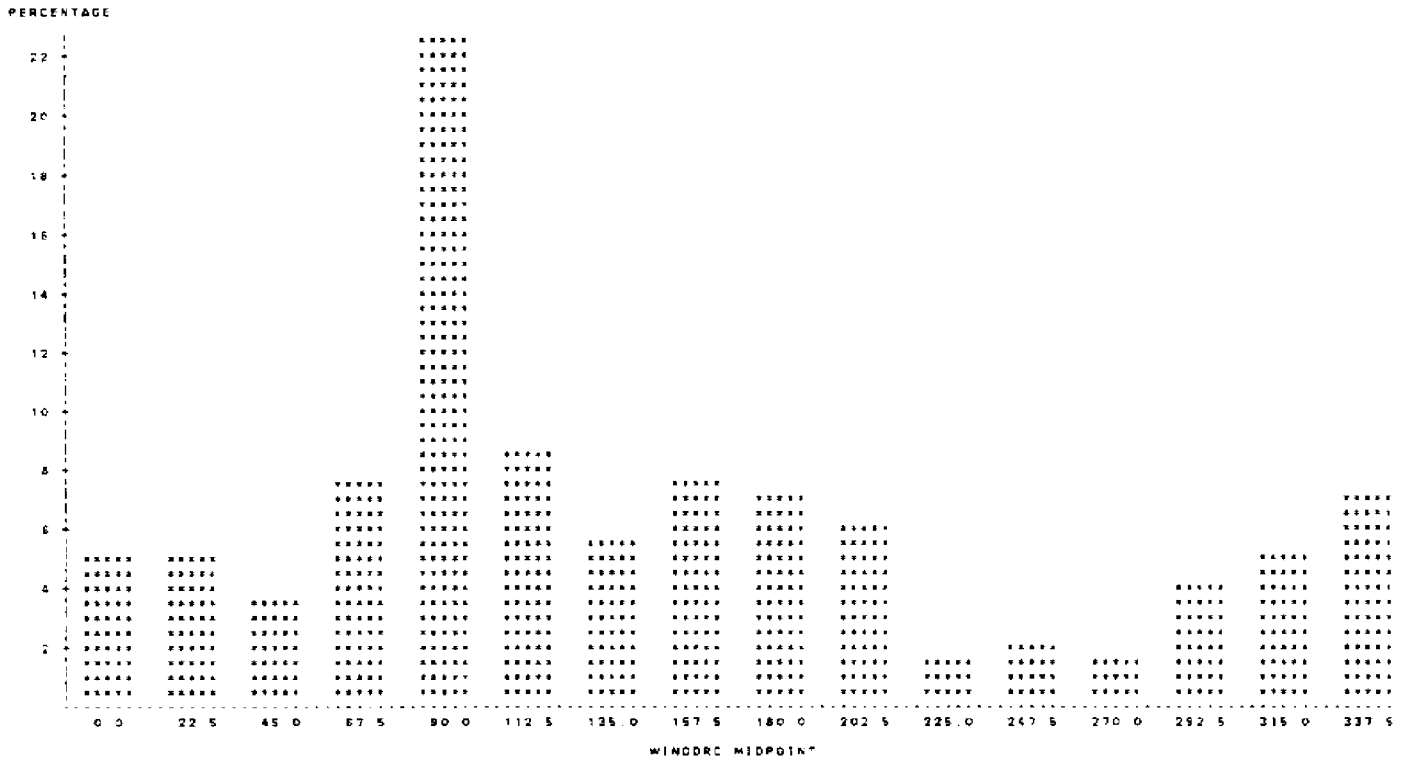


Fig. 3

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 JANUARY 1980

PERCENTAGE BAR CHART

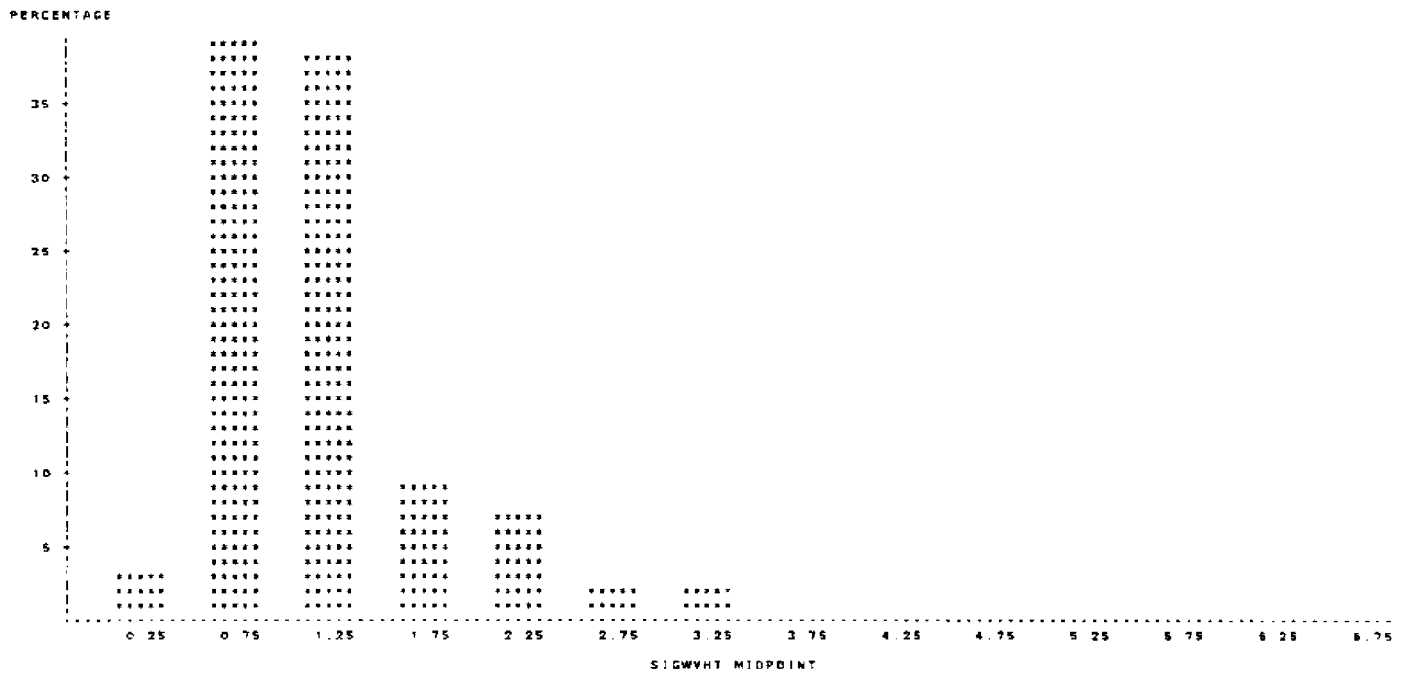


Fig. 4

DAILY STATISTICS
 BUOY #42001 JANUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	17.521	0.468	15.700	18.500
SEATEMP	24	25.742	0.072	25.800	25.800
WINDSPED	24	3.783	1.384	1.800	11.700
SIGWVHT	24	2.128	0.258	1.700	2.700
AVWVPR	24	5.462	0.327	5.300	7.100
----- DAY#2 -----					
AIRTEMP	16	17.755	1.394	15.400	20.000
SEATEMP	16	25.750	0.274	25.500	26.200
WINDSPED	8	4.962	1.251	3.800	7.200
SIGWVHT	24	1.021	0.385	0.500	1.700
AVWVPR	24	5.183	0.480	4.300	6.000
----- DAY#3 -----					
AIRTEMP	19	21.558	1.054	19.900	23.200
SEATEMP	19	25.732	0.134	25.600	26.000
WINDSPED	0	.	.	.	.
SIGWVHT	24	0.625	0.236	0.400	1.300
AVWVPR	24	3.208	0.563	2.700	4.800
----- DAY#4 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	18	1.744	0.814	0.800	3.100
AVWVPR	18	6.439	1.218	3.600	7.200
----- DAY#5 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#6 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.

Table 3

DAILY STATISTICS
 BUOY #42001 JANUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#8 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	8	1.282	0.119	1.200	1.500
AVWVPR	8	4.280	0.262	4.000	4.700
----- DAY#9 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	23	1.013	0.186	0.700	1.300
AVWVPR	23	4.243	0.326	3.800	4.800
----- DAY#10 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	24	0.858	0.221	0.800	1.300
AVWVPR	24	3.654	0.186	3.300	4.100
----- DAY#11 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	24	1.898	0.422	1.200	2.600
AVWVPR	24	4.771	0.475	3.800	5.300
----- DAY#12 -----					
AIRTEMP	0	.	.	.	.
SEATEMP	0	.	.	.	.
WINDSPED	0	.	.	.	.
SIGWVHT	24	1.200	0.223	0.800	1.500
AVWVPR	24	4.829	0.203	4.600	5.300

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	5	24 180	0 277	23 700	24 400
SEATEMP	5	25 180	0 045	25 100	25 200
WINDSPED	0				
SIGWVHT	24	1 721	0 348	1 100	2 200
AVWVPR	24	4 808	0 423	4 000	5 400
----- DAY:14 -----					
AIRTEMP	24	23 557	0 424	22 900	24 300
SEATEMP	24	25 087	0 259	24 800	25 600
WINDSPED	1	2 000		2 000	2 000
SIGWVHT	24	0 792	0 118	0 600	1 000
AVWVPR	24	4 612	0 201	4 400	5 100
----- DAY:15 -----					
AIRTEMP	23	23 191	0 193	22 800	23 500
SEATEMP	23	25 104	0 130	24 800	25 300
WINDSPED	23	6 504	3 300	0 800	9 500
SIGWVHT	23	0 887	0 322	0 500	1 500
AVWVPR	23	4 235	0 825	3 700	5 200
----- DAY:16 -----					
AIRTEMP	24	24 675	0 834	23 300	25 600
SEATEMP	24	25 304	0 183	25 000	25 600
WINDSPED	24	7 767	0 747	5 400	8 400
SIGWVHT	24	1 321	0 093	1 100	1 500
AVWVPR	24	4 462	0 113	4 300	4 700
----- DAY:17 -----					
AIRTEMP	24	25 308	0 076	25 200	25 400
SEATEMP	24	25 246	0 093	25 200	25 500
WINDSPED	24	9 787	1 938	5 400	12 600
SIGWVHT	24	1 671	0 477	1 000	2 300
AVWVPR	24	4 562	0 449	3 900	5 400
----- DAY:18 -----					
AIRTEMP	24	22 954	1 477	20 300	25 100
SEATEMP	24	25 117	0 244	24 800	25 600
WINDSPED	24	5 383	1 508	2 000	8 200
SIGWVHT	24	1 204	0 365	0 800	1 900
AVWVPR	24	4 552	0 405	3 900	5 200

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	23 312	0 283	22 800	23 800
SEATEMP	24	25 329	0 130	25 200	25 600
WINDSPED	24	7 733	0 855	6 000	8 800
SIGWVHT	24	1 096	0 127	0 900	1 400
AVWVPR	24	4 075	0 154	3 800	4 400
----- DAY:20 -----					
AIRTEMP	24	22 821	0 243	22 500	23 300
SEATEMP	24	25 004	0 374	24 600	25 500
WINDSPED	24	7 829	1 207	5 100	9 800
SIGWVHT	24	0 987	0 126	0 700	1 200
AVWVPR	24	3 706	0 239	3 400	4 200
----- DAY:21 -----					
AIRTEMP	24	22 637	0 390	22 000	23 500
SEATEMP	24	24 354	0 181	24 500	25 100
WINDSPED	24	6 758	0 596	4 800	7 000
SIGWVHT	24	0 637	0 058	0 500	0 700
AVWVPR	24	3 408	0 132	3 100	3 700
----- DAY:22 -----					
AIRTEMP	24	23 858	0 704	22 700	24 600
SEATEMP	24	24 821	0 110	24 600	25 000
WINDSPED	24	8 196	2 982	4 500	12 600
SIGWVHT	24	0 971	0 403	0 500	1 800
AVWVPR	24	3 812	0 589	3 300	5 100
----- DAY:23 -----					
AIRTEMP	24	20 354	2 924	17 000	24 400
SEATEMP	24	24 492	0 128	24 200	24 700
WINDSPED	24	12 692	1 838	9 800	16 200
SIGWVHT	24	2 542	0 766	1 500	3 600
AVWVPR	24	5 892	0 736	5 000	6 900
----- DAY:24 -----					
AIRTEMP	24	17 312	0 744	16 600	19 400
SEATEMP	24	24 604	0 296	24 300	25 400
WINDSPED	24	5 182	3 257	0 200	11 200
SIGWVHT	24	2 167	0 520	1 200	3 800
AVWVPR	24	6 300	0 585	5 400	7 400

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 JANUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	20.700	1.616	18.200	22.900
SEATEMP	24	24.942	0.106	24.700	25.100
WINDSPED	24	5.942	2.333	0.200	8.200
SIGWVHT	24	0.858	0.083	0.800	1.100
AVWVPR	24	4.650	0.388	4.100	5.400
----- DAY:26 -----					
AIRTEMP	24	22.925	1.222	20.400	24.300
SEATEMP	24	24.837	0.144	24.600	25.100
WINDSPED	24	7.187	1.788	3.300	8.900
SIGWVHT	24	1.158	0.184	0.900	1.500
AVWVPR	24	4.412	0.588	3.700	5.500
----- DAY:27 -----					
AIRTEMP	24	21.608	0.674	19.800	22.300
SEATEMP	24	24.937	0.224	24.600	25.300
WINDSPED	24	4.779	2.828	0.200	8.800
SIGWVHT	24	1.008	0.135	0.800	1.400
AVWVPR	24	4.937	0.352	4.400	5.500
----- DAY:28 -----					
AIRTEMP	24	20.400	0.230	20.000	20.900
SEATEMP	24	24.837	0.181	24.600	25.100
WINDSPED	24	5.817	0.813	4.800	7.400
SIGWVHT	24	0.817	0.162	0.700	1.200
AVWVPR	24	4.267	0.338	3.600	4.700
----- DAY:29 -----					
AIRTEMP	24	21.500	0.463	20.600	22.200
SEATEMP	24	24.882	0.135	24.300	24.800
WINDSPED	24	6.254	0.774	6.600	9.600
SIGWVHT	24	1.160	0.200	0.700	1.400
AVWVPR	24	3.912	0.123	3.700	4.100
----- DAY:30 -----					
AIRTEMP	24	22.837	0.628	22.000	23.800
SEATEMP	24	24.333	0.082	24.200	24.500
WINDSPED	24	9.629	0.683	8.900	10.700
SIGWVHT	24	1.379	0.114	1.100	1.500
AVWVPR	24	3.987	0.163	3.700	4.200

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 JANUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	22.687	1.506	18.700	23.800
SEATEMP	24	24.312	0.061	24.200	24.400
WINDSPED	24	8.056	1.458	5.300	11.000
SIGWVHT	24	1.186	0.280	0.700	1.800
AVWVPR	24	4.367	0.246	4.000	5.200

Table 3 (continue)

42001 FEBRUARY 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 FEBRUARY 1980

AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BAROMTR BAROMETER (MB)
 WINDSPED WIND SPEED (M/SEC)
 WINDDRG WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWVHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWVPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	286	18.384	2.470	14.800	24.200	9.800	0.813	-0.800
SEATEMP	286	23.801	0.866	23.200	25.400	2.200	1.674	1.436
BAROMTR	286	1020.289	3.880	1010.200	1026.200	16.000	-0.771	-0.147
WINDSPED	286	7.574	3.030	0.800	13.900	13.000	0.004	-0.872
WINDDRG	285	128.888	114.838	2.500	359.700	357.200	1.032	-0.377
SIGWVHT	286	1.521	0.853	0.400	3.700	3.300	0.736	-0.271
AVWVPR	286	4.904	1.031	3.100	7.300	4.200	0.477	-0.688

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 FEBRUARY 1980
 PERCENTAGE BAR CHART

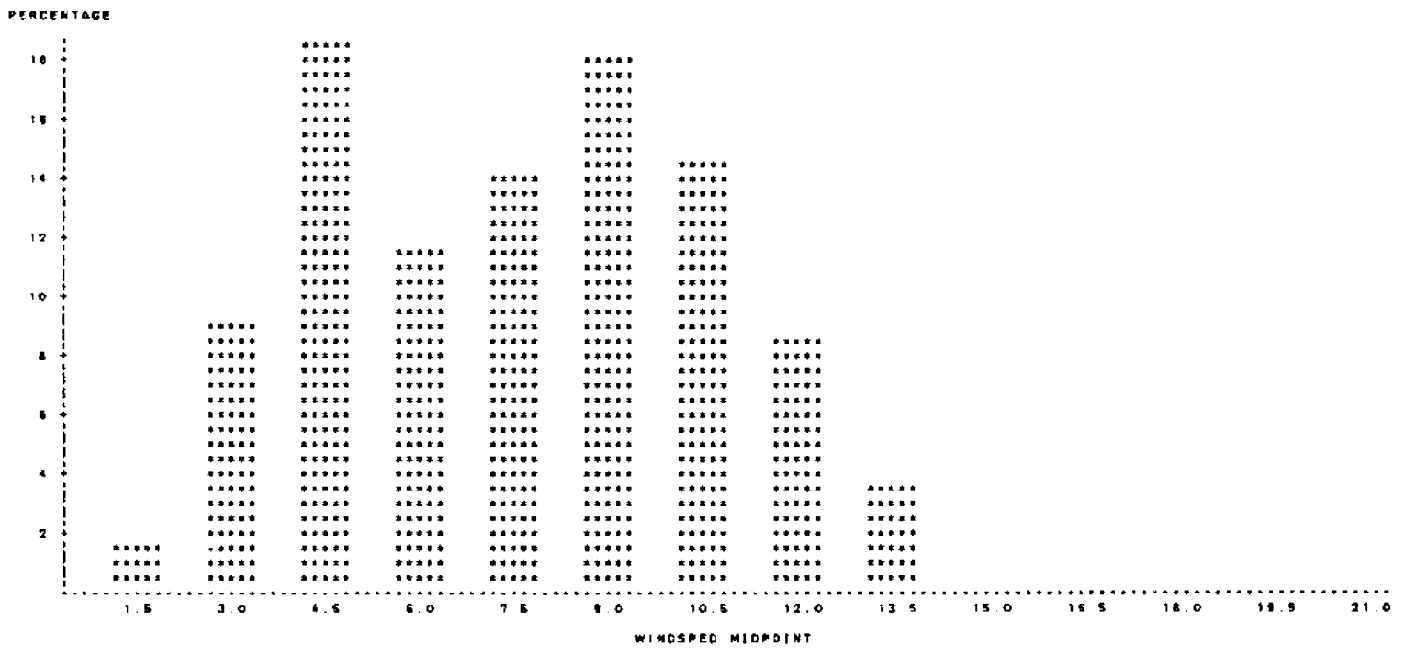


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 STUDY #42001 FEBRUARY 1960

PERCENTAGE BAR CHART

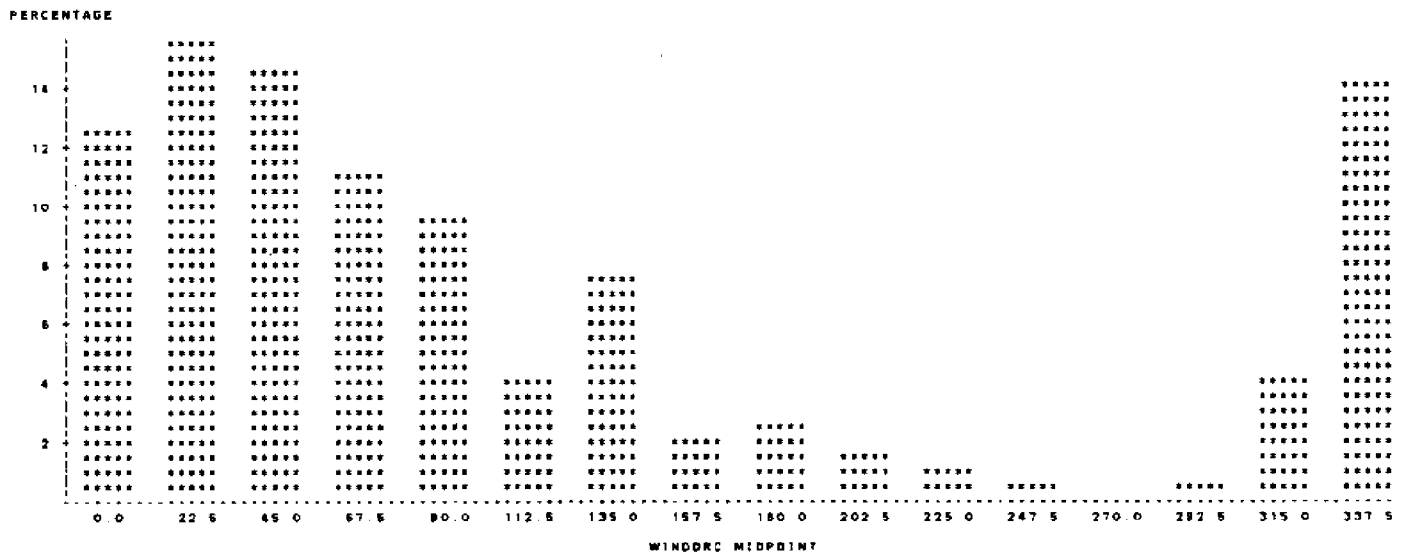


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 STUDY #42001 FEBRUARY 1960

PERCENTAGE BAR CHART

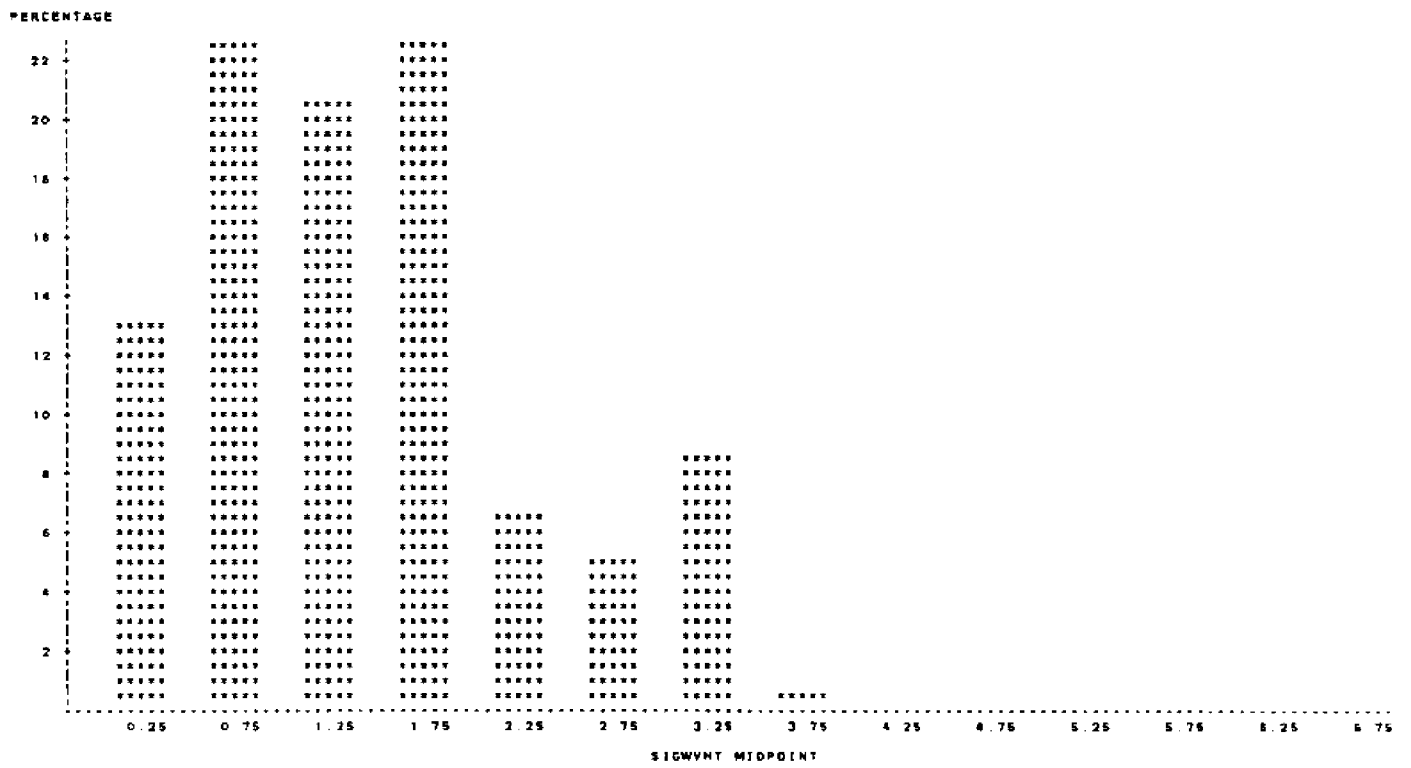


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 FEBRUARY 1960

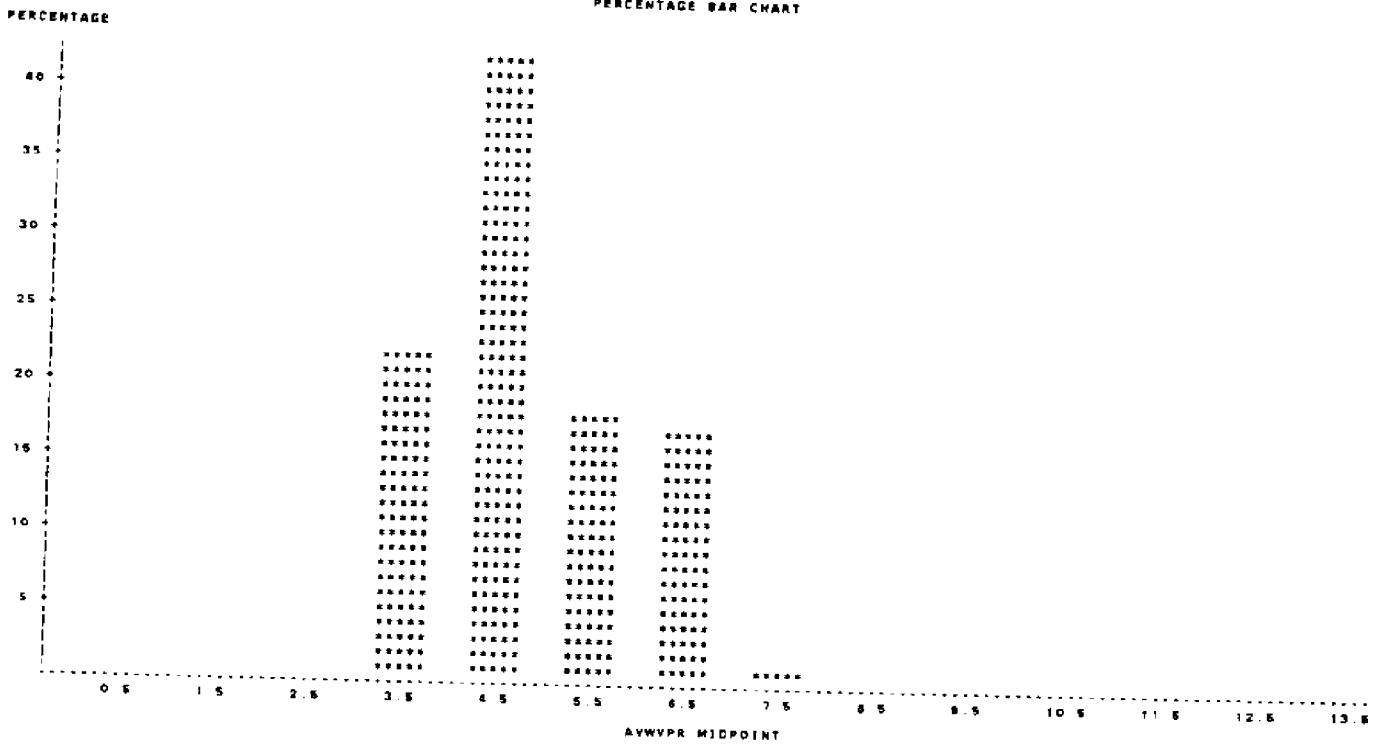


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 FEBRUARY 1960

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT								TOTAL
FREQUENCY	<1.0	1.0	1.5	2.0	2.5	3.0	3.5	4.0	
PERCENT									
ROW PCT									
COL PCT									
<4.0	32	18	12	0	0	0	0	0	82
	11.18	6.28	4.20	0.00	0.00	0.00	0.00	0.00	21.88
	51.51	28.03	18.35	0.00	0.00	0.00	0.00	0.00	
	86.48	27.89	20.34	0.00	0.00	0.00	0.00	0.00	
4.0-5.0	8	48	31	33	4	0	0	0	119
	1.75	18.08	10.84	11.84	1.40	0.00	0.00	0.00	41.81
	4.20	38.66	28.05	27.73	3.38	0.00	0.00	0.00	
	13.51	70.77	52.64	50.77	21.05	0.00	0.00	0.00	
5.0-6.0	0	1	18	28	6	1	0	0	52
	0.00	0.35	5.89	8.79	2.10	0.35	0.00	0.00	18.18
	0.00	1.82	30.77	83.85	11.54	1.82	0.00	0.00	
	0.00	1.54	27.12	43.04	31.58	6.67	0.00	0.00	
6.0-7.0	0	0	0	4	8	14	22	1	50
	0.00	0.00	0.00	1.40	3.15	4.90	7.59	0.35	17.48
	0.00	0.00	0.00	8.18	18.00	28.00	44.00	2.00	
	0.00	0.00	0.00	8.18	47.37	83.33	81.87	50.00	
7.0-8.0	0	0	0	0	0	0	2	1	3
	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.38	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	8.87	33.33	
	0.00	0.00	0.00	0.00	0.00	0.00	8.33	50.00	
TOTAL	37	65	59	65	19	15	24	2	288
	12.84	22.73	20.83	22.73	6.64	5.24	8.38	0.70	100.00

Table 2

DAILY STATISTICS
 BUCY #42001 FEBRUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	15.837	1.124	14.600	18.300
SEATEMP	24	23.887	0.123	23.800	24.100
WINDSPED	24	11.658	0.888	8.700	13.300
SIGWVHT	24	3.098	0.387	2.100	3.700
AVWVPR	24	6.578	0.320	5.800	7.000
----- DAY#2 -----					
AIRTEMP	24	15.367	0.524	14.700	18.300
SEATEMP	24	23.883	0.096	23.600	23.800
WINDSPED	24	6.754	1.787	3.000	8.700
SIGWVHT	24	1.882	0.589	1.100	3.000
AVWVPR	24	5.067	0.561	4.900	6.500
----- DAY#3 -----					
AIRTEMP	24	16.827	0.814	16.400	17.800
SEATEMP	24	23.754	0.072	23.800	23.900
WINDSPED	24	6.448	2.788	1.800	10.800
SIGWVHT	24	1.133	0.283	0.800	1.700
AVWVPR	24	4.654	0.245	4.100	5.000
----- DAY#4 -----					
AIRTEMP	24	17.046	0.451	16.300	17.700
SEATEMP	24	23.854	0.177	23.500	24.000
WINDSPED	24	5.600	1.535	2.800	8.000
SIGWVHT	24	0.829	0.188	0.500	1.300
AVWVPR	24	4.304	0.157	4.000	4.500
----- DAY#5 -----					
AIRTEMP	24	18.737	1.423	17.000	21.100
SEATEMP	24	23.758	0.181	23.800	24.100
WINDSPED	24	4.804	0.888	3.400	6.400
SIGWVHT	24	0.533	0.070	0.400	0.700
AVWVPR	24	3.504	0.271	3.100	4.100
----- DAY#6 -----					
AIRTEMP	24	19.833	1.223	17.800	21.000
SEATEMP	24	23.887	0.098	23.800	23.900
WINDSPED	24	6.404	2.788	1.300	13.900
SIGWVHT	24	0.958	0.543	0.500	1.900
AVWVPR	24	4.337	0.721	3.700	5.800

Table 3

DAILY STATISTICS
 BUCY #42001 FEBRUARY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	18.446	0.568	17.800	19.700
SEATEMP	24	23.804	0.137	23.500	23.800
WINDSPED	24	8.421	0.891	8.800	10.100
SIGWVHT	24	1.417	0.243	1.200	1.900
AVWVPR	24	4.528	0.658	3.600	5.600
----- DAY#8 -----					
AIRTEMP	24	21.504	0.845	19.400	22.600
SEATEMP	24	23.821	0.051	23.600	23.800
WINDSPED	24	8.883	0.888	8.000	11.300
SIGWVHT	24	1.804	0.187	1.400	2.100
AVWVPR	24	4.508	0.317	3.900	5.000
----- DAY#9 -----					
AIRTEMP	24	23.279	0.747	20.400	24.200
SEATEMP	24	23.871	0.082	23.800	23.800
WINDSPED	24	9.896	1.000	7.000	12.000
SIGWVHT	24	1.833	0.235	1.500	2.300
AVWVPR	24	4.971	0.285	4.800	5.400
----- DAY#10 -----					
AIRTEMP	24	18.000	2.570	15.400	23.500
SEATEMP	24	23.382	0.125	23.200	23.600
WINDSPED	24	11.478	1.773	8.000	13.800
SIGWVHT	24	2.625	0.603	1.400	3.800
AVWVPR	24	6.237	0.807	4.700	7.300
----- DAY#11 -----					
AIRTEMP	24	17.154	0.838	15.800	18.500
SEATEMP	24	25.046	0.400	23.800	26.300
WINDSPED	24	4.304	1.279	2.000	6.300
SIGWVHT	24	1.500	0.628	0.800	2.500
AVWVPR	24	5.658	0.833	4.500	6.800
----- DAY#12 -----					
AIRTEMP	22	18.882	0.844	18.100	19.800
SEATEMP	22	25.177	0.180	25.000	25.400
WINDSPED	22	4.566	2.184	0.800	8.000
SIGWVHT	22	0.582	0.153	0.400	1.000
AVWVPR	22	3.885	0.426	3.100	4.500

Table 3 (continue)

42001 APRIL 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 APRIL 1960

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BARDMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	648	22.154	1.807	18.800	25.400	6.600	-0.406	-0.065
SEATEMP	648	22.550	1.208	21.800	28.200	6.400	0.306	-1.303
BARDMTR	648	1018.217	4.057	1004.500	1023.800	19.300	-0.408	-0.372
WINDSPED	648	6.285	3.107	0.100	13.800	13.700	0.173	-0.578
WINDDRC	648	178.354	111.988	0.200	359.900	359.700	0.213	-1.274
SIGWVHT	648	1.226	0.733	0.100	4.300	4.200	1.320	2.450
AVWVPR	648	4.886	0.836	2.900	7.900	5.000	0.860	0.801

Table 1

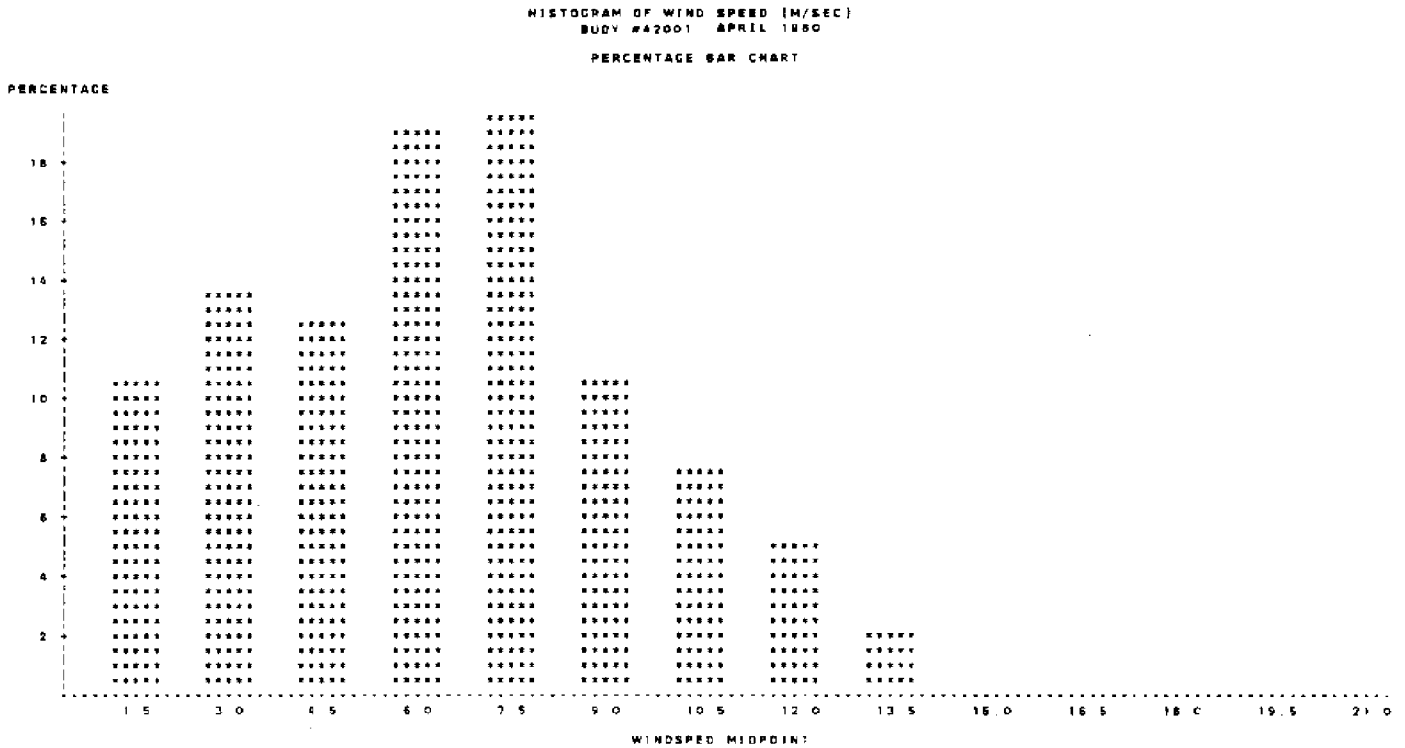


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 APRIL 1980

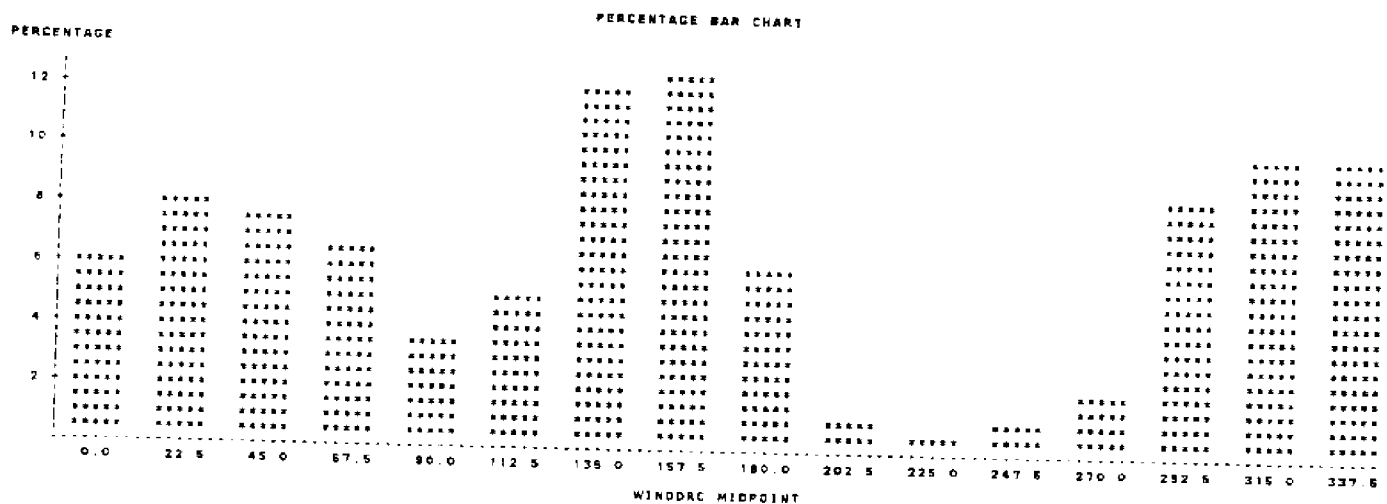


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 APRIL 1980

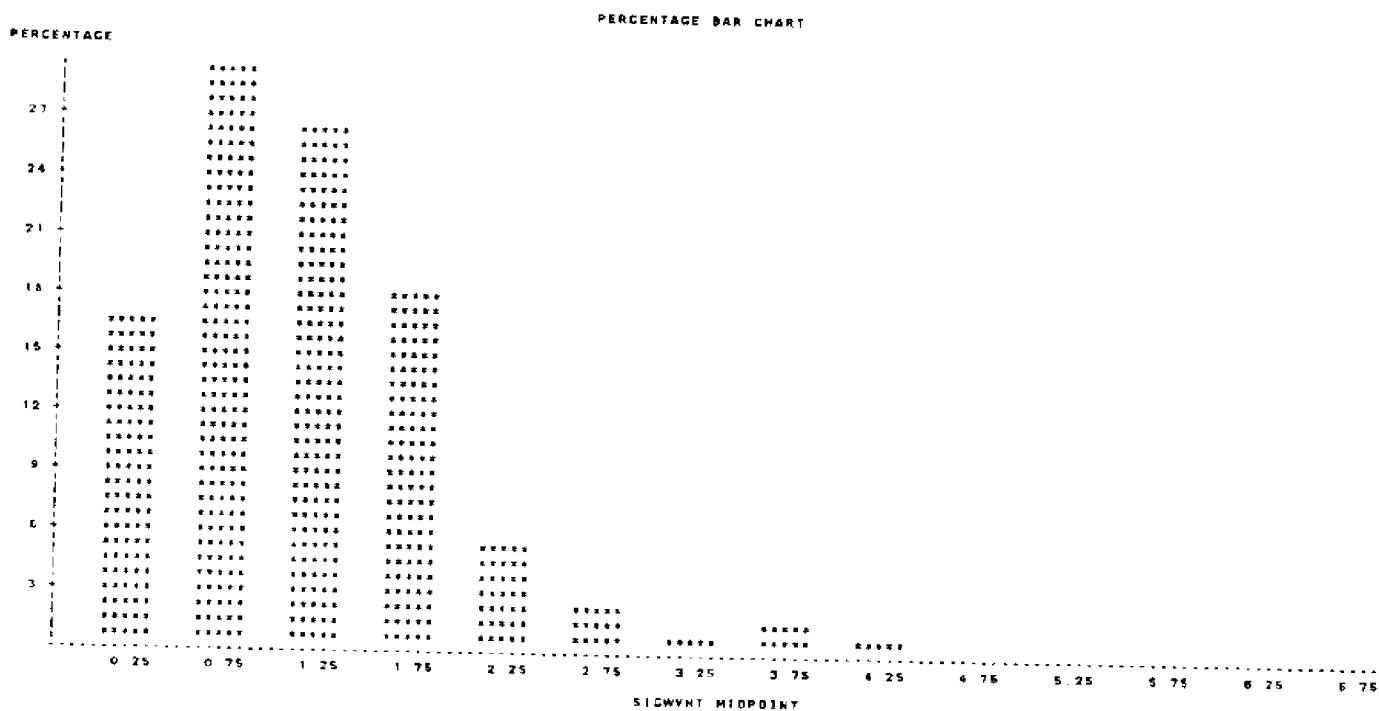


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 APRIL 1980

PERCENTAGE BAR CHART

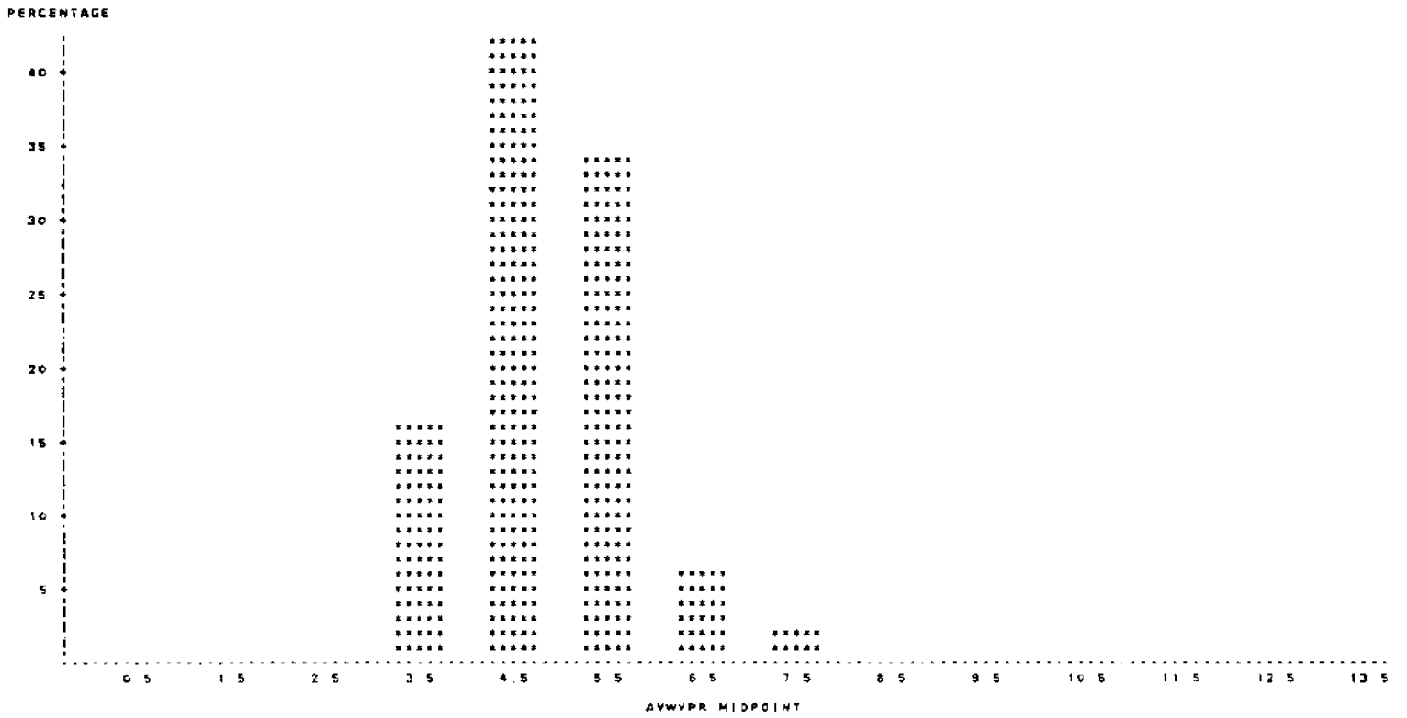


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 APRIL 1980

TABLE OF AVWVPR BY SIGWVHT

AVWVPR	SIGWVHT	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	<=4.0	<=4.5	TOTAL
	72	0	0	0	0	0	0	0	0	0	
<=2.0		2 0.31 100.00 1.85	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.31
<=4.0		45 6.94 44.12 81.87	48 7.41 47.06 28.53	9 1.39 8.82 5.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	102 15.74
<=6.0		54 8.33 18.93 50.00	108 16.82 40.22 67.98	71 10.95 28.20 42.01	36 5.56 13.28 30.77	1 0.15 0.37 3.13	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	271 41.82
<=8.0		7 1.08 3.17 8.48	31 4.78 14.03 18.48	57 8.43 39.37 51.48	69 10.55 31.22 58.87	21 3.24 9.50 55.63	6 0.93 2.71 42.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	221 34.10
<=7.0		0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.31 4.88 1.16	12 1.85 29.27 10.26	10 1.54 24.39 31.25	3 0.45 19.51 57.14	5 0.77 12.20 100.00	2 0.31 9.76 33.33	0 0.00 0.00 0.00	41 6.33
<=8.0		0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	6 0.93 72.73 66.67	3 0.45 27.27 100.00	11 1.70
TOTAL		108 16.87	188 29.01	169 26.08	117 18.06	32 4.94	14 2.16	5 0.77	12 1.85	3 0.46	648 100.00

Table 2

DAILY STATISTICS
BUDY #42001 APRIL 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	0				
SEATEMP	0				
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY#2 -----					
AIRTEMP	0				
SEATEMP	0				
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY#3 -----					
AIRTEMP	0				
SEATEMP	0				
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY#4 -----					
AIRTEMP	24	23.187	0.482	21.800	24.200
SEATEMP	24	22.832	0.723	22.200	24.100
WINDSPED	24	4.108	2.556	0.800	9.800
SIGWVHT	24	1.086	0.127	1.000	1.500
AVWVPR	24	5.404	0.251	5.900	5.900
----- DAY#5 -----					
AIRTEMP	24	21.387	0.313	20.900	21.900
SEATEMP	24	22.333	0.161	22.200	22.800
WINDSPED	24	5.721	1.081	7.400	11.300
SIGWVHT	24	1.712	0.282	1.000	2.100
AVWVPR	24	4.862	0.414	4.200	5.800
----- DAY#6 -----					
AIRTEMP	24	21.828	0.543	21.200	22.800
SEATEMP	24	22.042	0.118	21.800	22.300
WINDSPED	24	7.350	1.538	3.000	10.300
SIGWVHT	24	1.445	0.285	1.000	2.000
AVWVPR	24	5.112	0.365	4.600	5.800

Table 3

DAILY STATISTICS
BUDY #42001 APRIL 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	23.508	0.467	22.700	24.100
SEATEMP	24	22.821	0.438	22.100	23.500
WINDSPED	24	5.483	1.708	2.100	8.800
SIGWVHT	24	1.200	0.167	1.000	1.800
AVWVPR	24	5.217	0.262	4.700	5.800
----- DAY#8 -----					
AIRTEMP	24	24.088	0.489	23.300	24.800
SEATEMP	24	23.484	0.381	23.100	24.500
WINDSPED	24	5.354	1.848	2.100	8.000
SIGWVHT	24	1.482	0.276	1.000	1.900
AVWVPR	24	5.779	0.388	5.200	6.500
----- DAY#9 -----					
AIRTEMP	24	22.846	0.785	21.500	24.300
SEATEMP	24	23.404	0.453	22.400	24.200
WINDSPED	24	5.567	4.110	0.100	11.400
SIGWVHT	24	1.358	0.415	0.800	2.000
AVWVPR	24	5.192	0.767	3.900	6.700
----- DAY#10 -----					
AIRTEMP	24	21.742	0.491	21.300	22.800
SEATEMP	24	22.148	0.211	22.000	22.800
WINDSPED	24	7.592	1.166	5.500	9.500
SIGWVHT	24	1.267	0.257	1.000	1.800
AVWVPR	24	4.467	0.513	3.800	5.200
----- DAY#11 -----					
AIRTEMP	24	23.904	0.518	23.200	24.600
SEATEMP	24	22.850	0.360	22.300	23.300
WINDSPED	24	6.771	0.888	5.500	8.200
SIGWVHT	24	1.121	0.118	0.500	1.300
AVWVPR	24	4.850	0.413	3.900	5.100
----- DAY#12 -----					
AIRTEMP	24	24.371	0.095	24.200	24.500
SEATEMP	24	23.068	0.322	22.600	23.600
WINDSPED	24	8.582	7.076	5.800	12.500
SIGWVHT	24	1.942	0.452	1.300	2.100
AVWVPR	24	5.675	0.869	4.700	6.700

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 APRIL 1960

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	23.458	1.738	18.800	24.600
SEATEMP	24	23.162	0.153	23.000	23.800
WINDSPED	24	10.746	1.815	8.000	13.800
SIGWVHT	24	2.408	0.421	1.800	3.200
AVWVPR	24	5.750	0.323	5.300	6.400
----- DAY:14 -----					
AIRTEMP	24	17.833	1.076	16.800	20.000
SEATEMP	24	22.412	0.218	22.200	22.800
WINDSPED	24	11.906	1.744	7.200	13.800
SIGWVHT	24	3.504	0.436	2.300	4.300
AVWVPR	24	7.004	0.534	5.800	7.900
----- DAY:15 -----					
AIRTEMP	24	19.475	1.286	17.800	21.400
SEATEMP	24	22.185	0.401	21.800	22.800
WINDSPED	24	4.846	1.624	2.500	7.700
SIGWVHT	24	1.475	0.436	0.800	2.400
AVWVPR	24	5.521	0.305	5.100	6.200
----- DAY:16 -----					
AIRTEMP	24	21.186	0.566	20.500	22.700
SEATEMP	24	22.537	0.768	21.900	24.200
WINDSPED	24	2.425	1.081	0.600	4.900
SIGWVHT	24	0.611	0.095	0.500	0.800
AVWVPR	24	4.933	0.190	4.600	5.200
----- DAY:17 -----					
AIRTEMP	24	21.204	0.358	20.600	21.800
SEATEMP	24	22.371	0.197	22.200	23.000
WINDSPED	24	6.332	1.378	3.800	8.100
SIGWVHT	24	0.621	0.182	0.400	0.800
AVWVPR	24	3.562	0.252	3.100	4.800
----- DAY:18 -----					
AIRTEMP	24	21.862	0.619	21.200	22.800
SEATEMP	24	22.622	0.866	22.100	24.700
WINDSPED	24	3.458	1.663	0.500	6.000
SIGWVHT	24	0.571	0.133	0.400	0.800
AVWVPR	24	4.608	0.474	3.700	5.800

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	20.921	0.898	20.000	22.500
SEATEMP	24	23.437	0.502	22.500	24.300
WINDSPED	24	6.683	1.929	2.900	8.600
SIGWVHT	24	0.808	0.267	0.400	1.200
AVWVPR	24	4.662	0.367	4.100	5.800
----- DAY:20 -----					
AIRTEMP	24	20.250	0.629	19.500	21.300
SEATEMP	24	23.779	0.189	23.500	24.200
WINDSPED	24	6.929	0.716	5.600	8.200
SIGWVHT	24	0.983	0.140	0.800	1.200
AVWVPR	24	4.467	0.241	3.800	4.900
----- DAY:21 -----					
AIRTEMP	24	21.078	0.832	20.000	22.800
SEATEMP	24	23.492	0.621	22.900	24.700
WINDSPED	24	5.786	0.623	4.800	7.300
SIGWVHT	24	0.776	0.083	0.700	0.800
AVWVPR	24	4.150	0.144	3.900	4.400
----- DAY:22 -----					
AIRTEMP	24	22.908	0.504	21.800	23.100
SEATEMP	24	24.192	0.865	23.100	25.500
WINDSPED	24	3.975	1.028	2.700	6.300
SIGWVHT	24	0.612	0.154	0.300	0.700
AVWVPR	24	4.137	0.208	3.700	4.400
----- DAY:23 -----					
AIRTEMP	24	22.979	0.890	21.900	24.600
SEATEMP	24	25.156	0.553	24.600	26.200
WINDSPED	24	1.392	0.716	0.500	3.300
SIGWVHT	24	0.242	0.083	0.200	0.800
AVWVPR	24	4.046	0.147	3.800	4.300
----- DAY:24 -----					
AIRTEMP	24	23.687	0.671	22.600	24.700
SEATEMP	24	26.304	0.203	25.100	25.800
WINDSPED	24	4.917	2.437	2.100	8.400
SIGWVHT	24	0.383	0.297	0.100	1.000
AVWVPR	24	3.577	0.346	2.900	4.100

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 APRIL 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 25 -----					
AIRTEMP	24	24.504	0.238	24.200	25.000
SEATEMP	24	25.262	0.077	25.200	25.400
WINDSPED	24	10.871	1.571	7.900	13.200
SIGWVHT	24	1.517	0.479	0.500	2.300
AVWVPR	24	4.704	0.604	3.500	5.500
----- DAY: 26 -----					
AIRTEMP	24	24.954	0.282	24.500	25.400
SEATEMP	24	25.300	0.189	25.100	25.600
WINDSPED	24	6.958	2.156	3.500	10.500
SIGWVHT	24	1.608	0.198	1.100	1.800
AVWVPR	24	5.271	0.299	4.800	5.900
----- DAY: 27 -----					
AIRTEMP	24	22.496	1.510	20.800	24.800
SEATEMP	24	25.196	0.140	25.000	25.400
WINDSPED	24	7.552	2.646	2.000	11.100
SIGWVHT	24	1.486	0.425	0.300	2.200
AVWVPR	24	5.196	0.511	4.500	6.200
----- DAY: 28 -----					
AIRTEMP	24	20.162	0.287	19.800	20.500
SEATEMP	24	24.817	0.117	24.600	25.000
WINDSPED	24	7.121	1.091	6.800	8.000
SIGWVHT	24	1.550	0.144	1.200	1.800
AVWVPR	24	5.304	0.149	5.000	5.600
----- DAY: 29 -----					
AIRTEMP	24	21.017	0.566	20.400	21.900
SEATEMP	24	24.878	0.380	24.500	25.700
WINDSPED	24	4.325	1.367	1.800	6.200
SIGWVHT	24	0.750	0.179	0.500	1.100
AVWVPR	24	4.508	0.262	4.200	5.100
----- DAY: 30 -----					
AIRTEMP	24	21.725	0.827	20.700	23.300
SEATEMP	24	24.937	0.329	24.600	25.600
WINDSPED	24	2.875	2.078	0.100	6.000
SIGWVHT	24	0.428	0.100	0.300	0.600
AVWVPR	24	4.217	0.554	3.200	4.800

Table 3 (continue)

42001 MAY 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 MAY 1980

AIRTEMP	AIR TEMPERATURE (C)				
SEATEMP	SEA TEMPERATURE (C)				
BAROMTR	BAROMETER (MB)				
WINDSPD	WIND SPEED (M/SEC)				
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)				
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)				
AVWVPR	AVERAGE WAVE PERIODS (SEC)				

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	744	25.642	1.603	20.200	29.100	8.900	-0.671	-0.174
SEATEMP	744	26.030	1.052	23.800	30.700	6.900	0.658	1.323
BAROMTR	744	1012.923	2.234	1007.300	1017.300	10.000	-0.347	-0.734
WINDSPD	744	6.673	2.697	0.100	13.100	13.000	0.199	-0.176
WINDDRC	744	136.885	63.953	0.300	358.400	358.100	0.612	1.715
SIGWVHT	744	0.821	0.463	0.100	2.800	2.700	0.884	1.322
AVWVPR	744	4.517	0.692	2.700	6.300	3.600	0.091	-0.282

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 MAY 1980
 PERCENTAGE BAR CHART

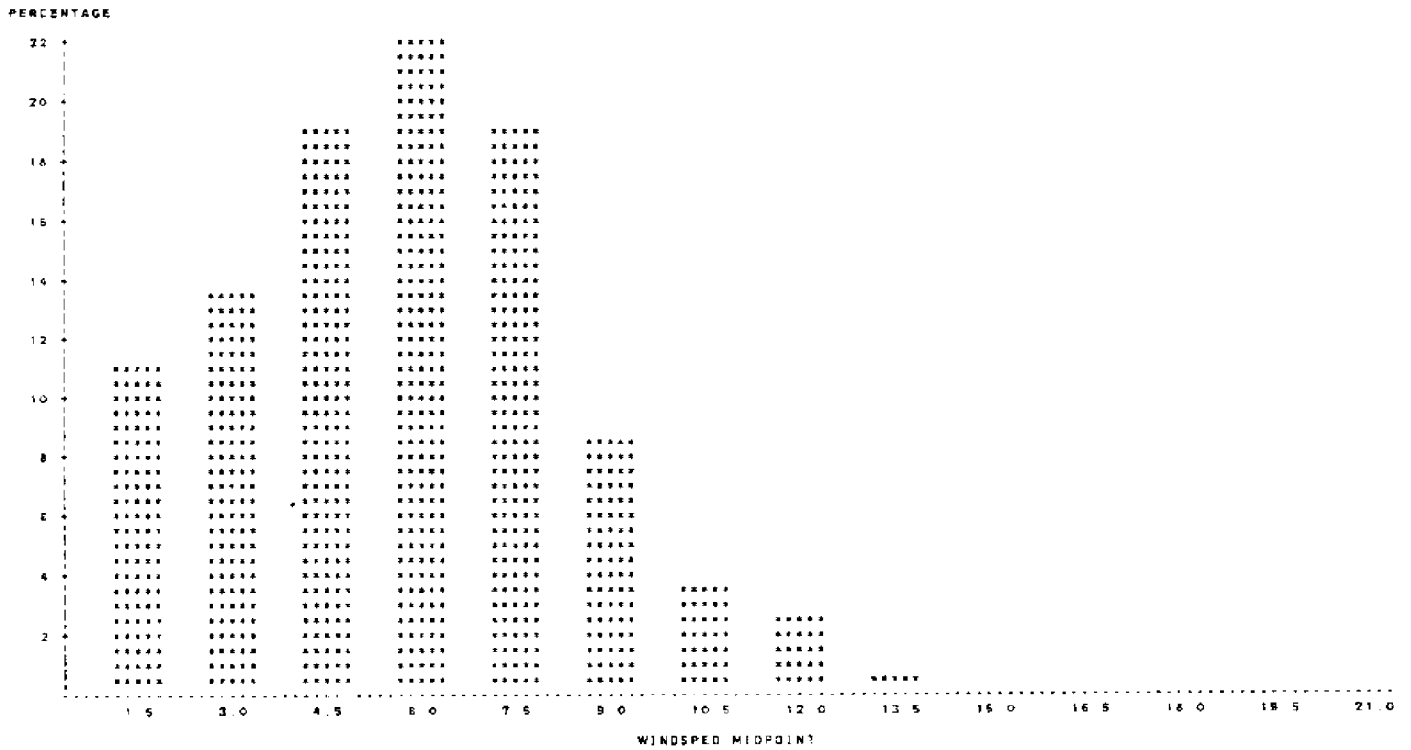


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 MAY 1980

PERCENTAGE BAR CHART

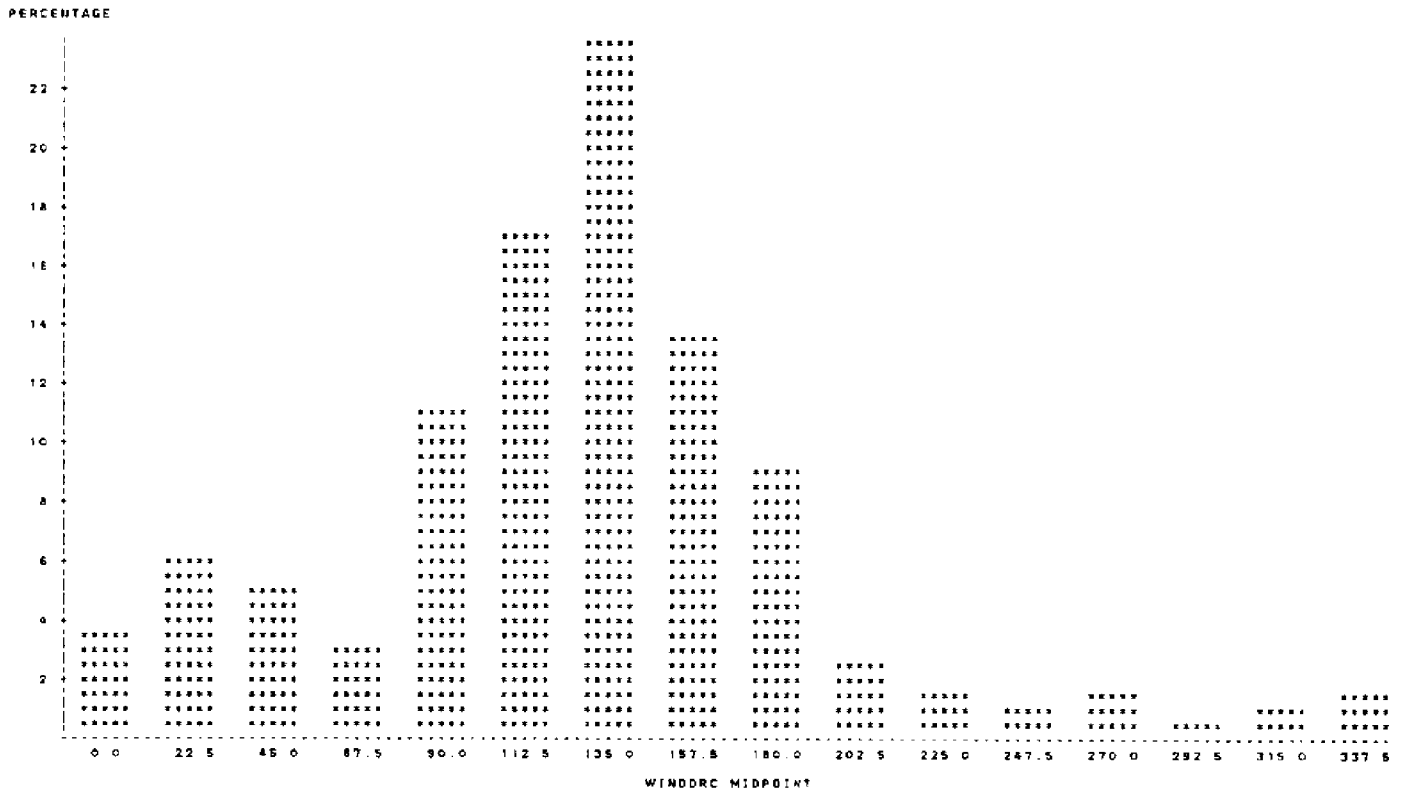


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 MAY 1980

PERCENTAGE BAR CHART

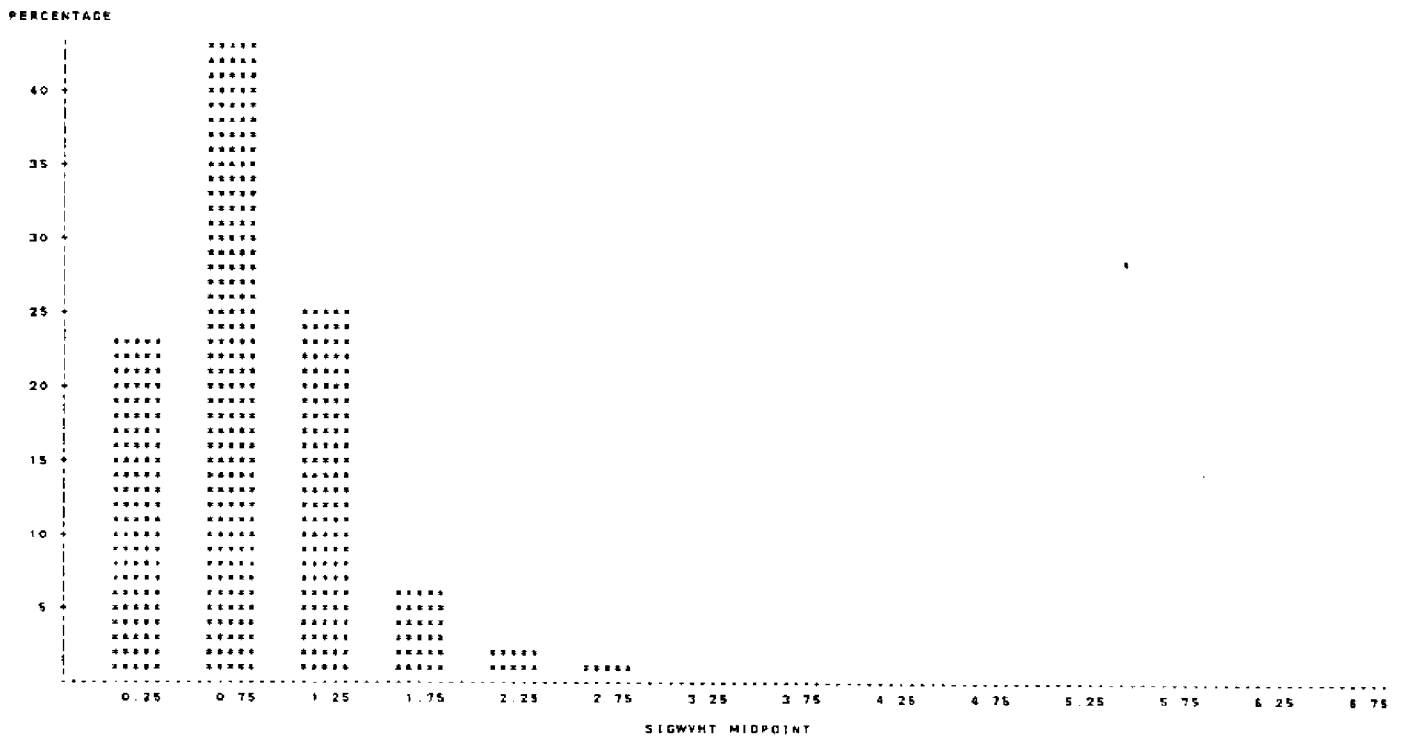


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 MAY 1980

PERCENTAGE BAR CHART

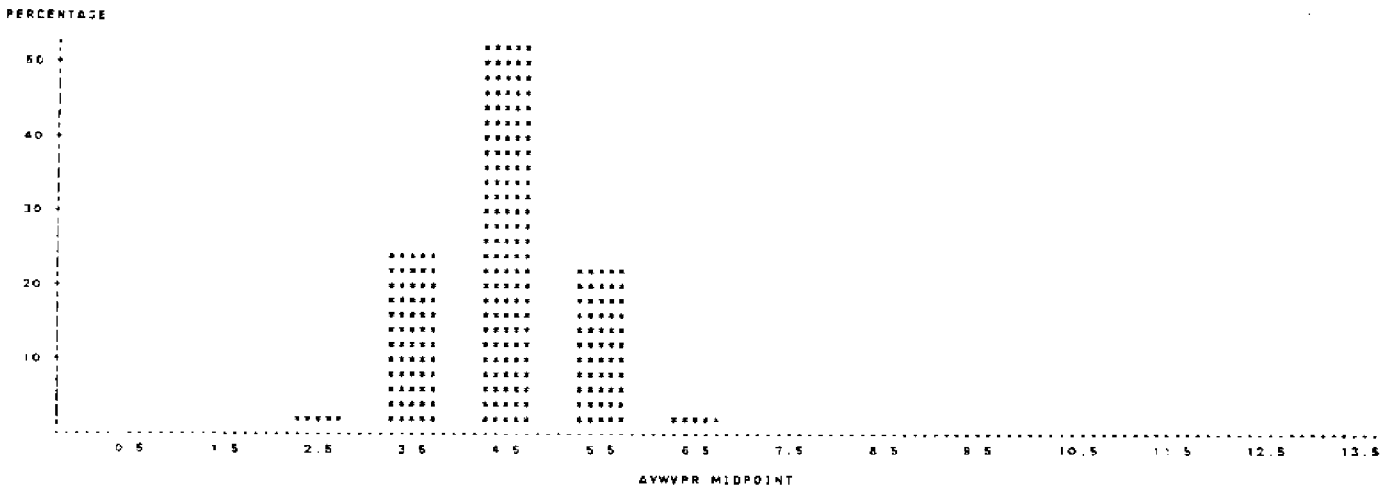


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 MAY 1980

TABLE OF AYWYPR BY SIGWHT

AYWYPR	SIGWHT						TOTAL
	<+0.5	<+1.0	<+1.5	<+2.0	<+2.5	<+3.0	
<+3.0	5 1.21 90.00 5.26	1 0.13 10.00 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	10 1.34
<+4.0	87 11.59 50.29 50.68	79 10.35 44.51 24.14	9 1.21 5.20 4.76	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	173 23.25
<+5.0	75 10.08 19.23 43.86	212 28.49 54.36 66.46	80 12.10 23.08 47.62	12 1.61 3.08 26.57	1 0.13 0.26 5.88	0 0.00 0.00 0.00	380 52.42
<+6.0	0 0.00 0.00 0.00	29 3.90 18.13 9.09	81 10.85 50.63 42.85	29 3.90 18.13 59.05	16 2.15 10.00 24.12	5 0.67 3.13 83.23	160 21.51
<+7.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	9 1.21 51.62 4.76	1 0.13 9.09 2.35	0 0.00 0.00 0.00	0 0.13 9.09 16.67	11 1.46
TOTAL	171 22.98	319 42.88	189 25.40	42 5.65	17 2.28	8 0.61	744 100.00

Table 2

DAILY STATISTICS
 BUOY #42001 MAY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 1 -----					
AIRTEMP	24	23.542	1.330	20.800	24.900
SEATEMP	24	24.768	0.181	24.500	25.000
WINDSPED	24	7.757	1.900	5.000	11.100
SIGWYHT	24	0.842	0.330	0.400	1.300
AVWVPR	24	3.762	0.502	3.100	4.800
----- DAY: 2 -----					
AIRTEMP	24	23.758	0.622	21.800	24.700
SEATEMP	24	24.400	0.236	23.800	24.800
WINDSPED	24	6.032	1.922	3.000	11.200
SIGWYHT	24	1.075	0.089	0.800	1.300
AVWVPR	24	4.721	0.514	3.900	5.600
----- DAY: 3 -----					
AIRTEMP	24	23.608	0.222	23.300	24.100
SEATEMP	24	24.862	0.425	24.400	25.600
WINDSPED	24	4.004	1.430	1.100	6.300
SIGWYHT	24	0.742	0.243	0.500	1.200
AVWVPR	24	4.671	0.149	4.400	4.900
----- DAY: 4 -----					
AIRTEMP	24	23.079	0.639	22.200	24.300
SEATEMP	24	25.078	0.445	24.600	26.000
WINDSPED	24	2.912	1.149	1.100	4.800
SIGWYHT	24	0.371	0.095	0.200	0.500
AVWVPR	24	4.437	0.200	4.100	5.000
----- DAY: 5 -----					
AIRTEMP	24	23.275	0.546	22.500	24.000
SEATEMP	24	24.917	0.302	24.500	25.500
WINDSPED	24	4.067	1.135	2.300	6.000
SIGWYHT	24	0.317	0.038	0.300	0.400
AVWVPR	24	3.646	0.313	3.400	4.400
----- DAY: 6 -----					
AIRTEMP	24	23.392	0.895	22.400	25.000
SEATEMP	24	24.892	0.414	24.500	25.700
WINDSPED	24	1.892	1.271	0.200	4.500
SIGWYHT	24	0.267	0.076	0.100	0.400
AVWVPR	24	3.779	0.367	3.000	4.100

Table 3

DAILY STATISTICS
 BUOY #42001 MAY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 7 -----					
AIRTEMP	24	24.612	0.469	23.700	25.200
SEATEMP	24	24.804	0.224	24.600	25.500
WINDSPED	24	5.221	2.000	1.300	8.800
SIGWYHT	24	0.383	0.250	0.100	0.700
AVWVPR	24	3.421	0.411	2.700	3.800
----- DAY: 8 -----					
AIRTEMP	24	25.079	0.334	24.700	25.700
SEATEMP	24	25.012	0.326	24.700	25.600
WINDSPED	24	4.779	1.739	1.300	7.700
SIGWYHT	24	0.675	0.064	0.600	0.800
AVWVPR	24	4.621	0.132	3.800	4.200
----- DAY: 9 -----					
AIRTEMP	24	23.992	0.596	22.700	25.000
SEATEMP	24	25.150	0.260	24.900	25.700
WINDSPED	24	5.742	2.339	1.600	11.800
SIGWYHT	24	0.912	0.105	0.800	1.200
AVWVPR	24	4.612	0.259	4.200	5.100
----- DAY: 10 -----					
AIRTEMP	24	24.554	0.962	23.500	25.800
SEATEMP	24	25.242	0.534	24.600	26.500
WINDSPED	24	6.057	1.472	3.900	8.100
SIGWYHT	24	0.846	0.122	0.600	1.000
AVWVPR	24	4.471	0.224	4.000	5.000
----- DAY: 11 -----					
AIRTEMP	24	25.462	0.275	25.000	25.900
SEATEMP	24	25.717	0.366	25.200	26.300
WINDSPED	24	7.854	1.392	3.900	9.700
SIGWYHT	24	0.917	0.180	0.500	1.100
AVWVPR	24	4.017	0.285	3.600	4.500
----- DAY: 12 -----					
AIRTEMP	24	25.808	0.366	25.400	26.400
SEATEMP	24	25.775	0.111	25.600	26.000
WINDSPED	24	9.779	1.566	6.500	12.100
SIGWYHT	24	1.457	0.208	1.100	1.800
AVWVPR	24	4.671	0.227	4.300	5.100

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MAY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	25.128	0.325	25.700	25.600
SEATEMP	24	25.813	0.275	25.700	26.600
WINDSPED	24	5.842	1.884	3.700	8.800
SIGWVHT	24	1.175	0.094	1.000	1.300
AVWVPR	24	4.856	0.354	4.200	5.400
----- DAY:14 -----					
AIRTEMP	24	26.382	0.278	26.000	26.900
SEATEMP	24	26.346	0.289	26.100	26.900
WINDSPED	24	5.896	0.771	4.400	7.300
SIGWVHT	24	0.875	0.074	0.700	1.000
AVWVPR	24	4.562	0.387	4.000	5.300
----- DAY:15 -----					
AIRTEMP	24	25.596	0.231	25.300	26.800
SEATEMP	24	25.312	0.136	25.100	26.600
WINDSPED	24	8.317	1.568	5.000	11.500
SIGWVHT	24	1.275	0.261	0.900	1.700
AVWVPR	24	4.712	0.426	4.100	5.400
----- DAY:16 -----					
AIRTEMP	24	25.767	0.127	26.600	27.000
SEATEMP	24	25.179	0.093	26.000	26.300
WINDSPED	24	10.648	1.511	8.200	13.100
SIGWVHT	24	2.008	0.388	1.400	2.600
AVWVPR	24	5.412	0.286	5.000	5.900
----- DAY:17 -----					
AIRTEMP	24	26.500	0.167	26.200	26.800
SEATEMP	24	25.092	0.167	25.800	26.500
WINDSPED	24	8.098	3.186	2.400	12.900
SIGWVHT	24	2.079	0.430	1.400	2.800
AVWVPR	24	5.579	0.278	5.100	6.100
----- DAY:18 -----					
AIRTEMP	24	26.342	0.265	25.800	26.800
SEATEMP	24	25.850	0.351	25.400	26.400
WINDSPED	24	5.846	0.886	3.700	7.200
SIGWVHT	24	1.346	0.153	1.000	1.600
AVWVPR	24	5.046	0.322	4.700	5.800

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	26.508	0.512	26.000	27.800
SEATEMP	24	26.079	0.687	25.400	27.400
WINDSPED	24	4.667	2.018	0.800	8.400
SIGWVHT	24	1.008	0.110	0.800	1.200
AVWVPR	24	4.625	0.372	4.100	5.200
----- DAY:20 -----					
AIRTEMP	24	26.692	1.188	25.300	28.800
SEATEMP	24	26.858	1.493	25.700	30.500
WINDSPED	24	1.737	1.874	0.100	7.700
SIGWVHT	24	0.758	0.110	0.500	0.900
AVWVPR	24	5.025	0.311	4.600	5.600
----- DAY:21 -----					
AIRTEMP	24	26.637	0.425	26.000	27.200
SEATEMP	24	26.746	0.337	26.400	27.800
WINDSPED	24	3.954	2.158	1.000	8.000
SIGWVHT	24	0.496	0.069	0.400	0.600
AVWVPR	24	3.842	0.630	3.100	4.700
----- DAY:22 -----					
AIRTEMP	24	24.878	1.833	20.200	28.000
SEATEMP	24	26.111	0.389	25.600	27.000
WINDSPED	24	8.500	2.595	0.100	16.300
SIGWVHT	24	0.633	0.158	0.400	0.900
AVWVPR	24	3.725	0.411	3.000	4.200
----- DAY:23 -----					
AIRTEMP	24	25.933	1.186	24.000	28.300
SEATEMP	24	26.267	0.732	25.700	27.800
WINDSPED	24	4.121	2.054	0.400	7.500
SIGWVHT	24	0.733	0.095	0.600	0.900
AVWVPR	24	4.187	0.223	3.700	4.600
----- DAY:24 -----					
AIRTEMP	24	25.779	0.524	26.200	27.500
SEATEMP	24	25.642	0.489	26.000	27.400
WINDSPED	24	4.327	1.416	1.100	7.000
SIGWVHT	24	0.758	0.134	0.600	0.900
AVWVPR	24	4.582	0.371	4.200	5.300

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MAY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	28.908	0.419	26.400	27.500
SEATEMP	24	26.779	0.401	26.300	27.500
WINDSPED	24	5.182	0.777	4.000	7.000
SIGWVHT	24	0.687	0.068	0.800	0.800
AVWVPR	24	4.178	0.241	3.800	4.800
----- DAY:26 -----					
AIRTEMP	24	27.183	0.903	26.300	29.100
SEATEMP	24	27.587	1.345	26.700	30.700
WINDSPED	24	2.642	1.476	0.100	4.900
SIGWVHT	24	0.471	0.137	0.300	0.700
AVWVPR	24	4.204	0.286	3.800	4.800
----- DAY:27 -----					
AIRTEMP	24	27.200	0.479	26.600	28.700
SEATEMP	24	27.654	0.644	27.000	29.500
WINDSPED	24	4.671	1.647	1.300	6.700
SIGWVHT	24	0.408	0.065	0.300	0.600
AVWVPR	24	4.042	0.403	3.500	4.900
----- DAY:28 -----					
AIRTEMP	24	27.096	0.357	26.600	27.700
SEATEMP	24	27.154	0.257	26.800	27.600
WINDSPED	24	6.496	1.114	4.100	8.700
SIGWVHT	24	0.858	0.239	0.500	1.200
AVWVPR	24	4.600	0.356	4.000	5.300
----- DAY:29 -----					
AIRTEMP	24	26.571	0.463	25.200	27.300
SEATEMP	24	27.108	0.239	26.800	27.500
WINDSPED	24	6.562	1.326	4.000	8.200
SIGWVHT	24	1.383	0.184	1.100	1.700
AVWVPR	24	5.678	0.416	5.100	6.300
----- DAY:30 -----					
AIRTEMP	24	26.878	0.788	25.200	27.600
SEATEMP	24	27.171	0.305	26.800	27.800
WINDSPED	24	5.808	1.082	4.400	8.400
SIGWVHT	24	1.400	0.125	1.300	1.700
AVWVPR	24	5.846	0.269	5.300	6.300

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	26.967	0.276	26.600	27.500
SEATEMP	24	27.329	0.320	27.000	27.900
WINDSPED	24	7.112	0.808	5.800	8.700
SIGWVHT	24	1.375	0.080	1.200	1.600
AVWVPR	24	5.433	0.131	5.200	5.700

Table 3 (continue)

42001 JUNE 1980

MONTHLY WAVE STATISTIC SUMMARY
 STUDY #42002 JUNE 1980

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	720	28.020	0.792	24.400	30.300	5.900	0.025	-0.318
SEATEMP	720	28.761	0.804	27.400	31.100	3.700	0.051	-0.771
BAROMTR	720	1015.561	1.353	1012.000	1019.900	7.900	-0.004	0.331
WINDSPED	720	5.515	1.949	0.100	10.800	10.500	-0.681	-0.237
WINDDRG	720	143.434	43.514	5.700	358.200	352.500	1.100	3.450
SIGWVHT	720	0.805	0.205	0.300	1.300	1.000	-0.319	-0.487
AVWVPR	720	4.333	0.338	1.400	5.300	3.900	-0.110	0.161

Table 1

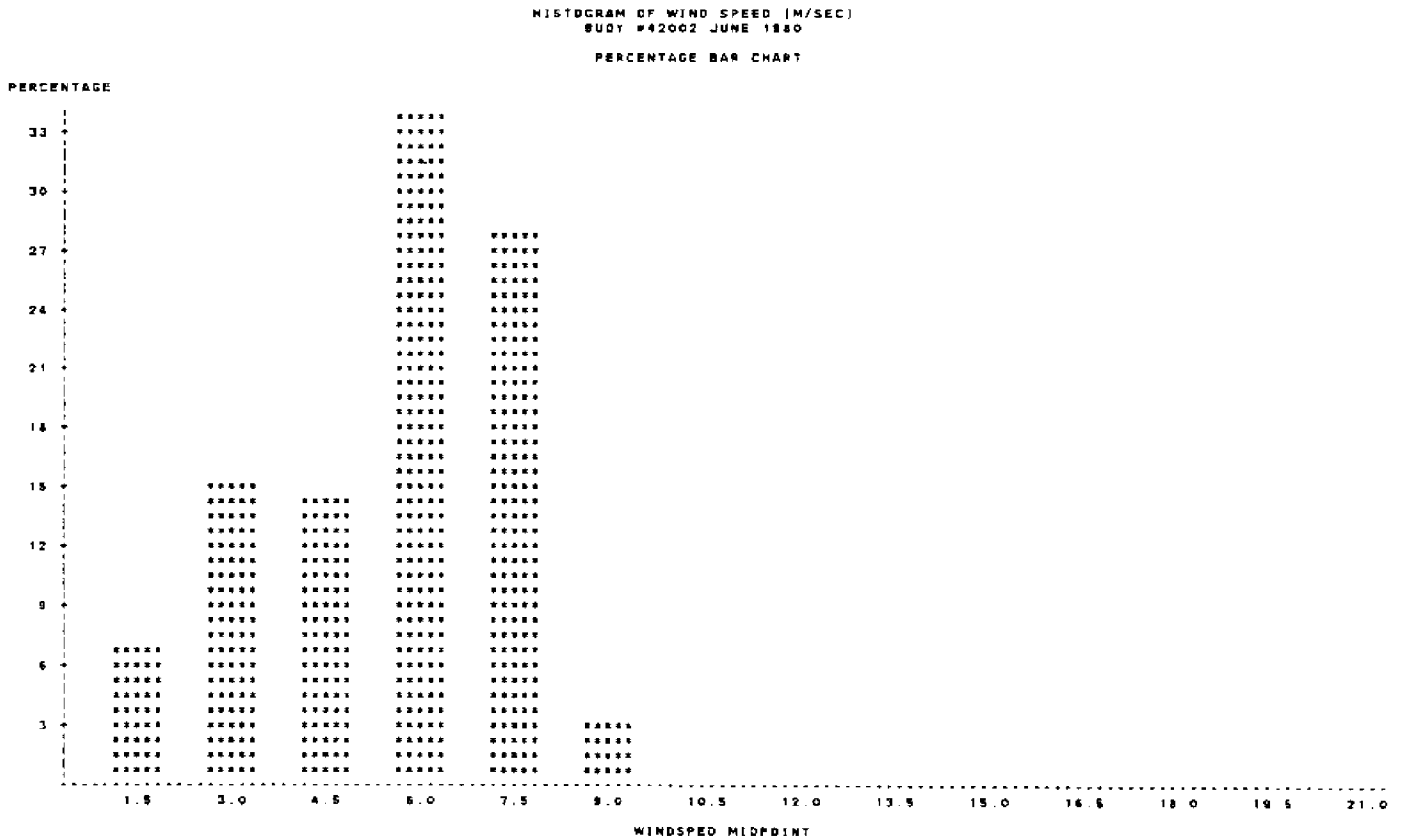


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42002 JUNE 1960

PERCENTAGE BAR CHART

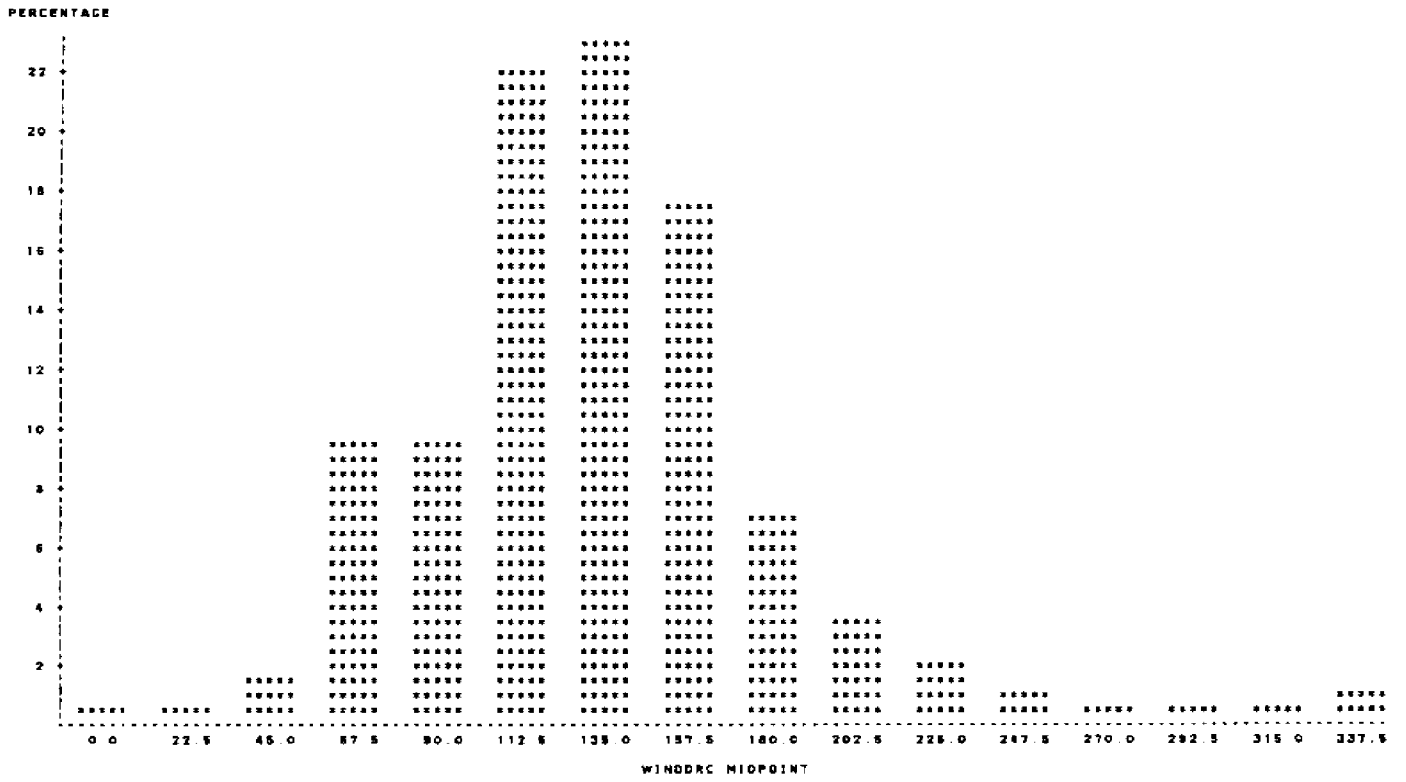


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42002 JUNE 1960

PERCENTAGE BAR CHART

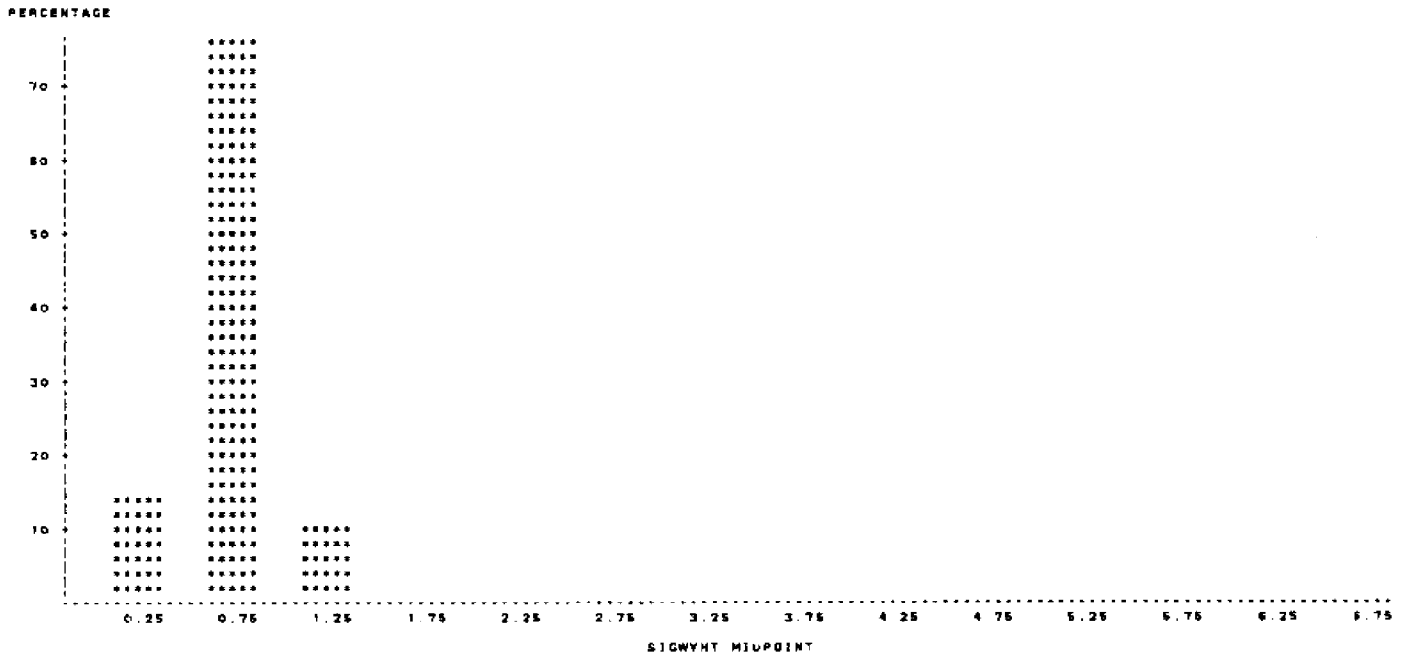


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42002 JUNE 1980

PERCENTAGE BAR CHART

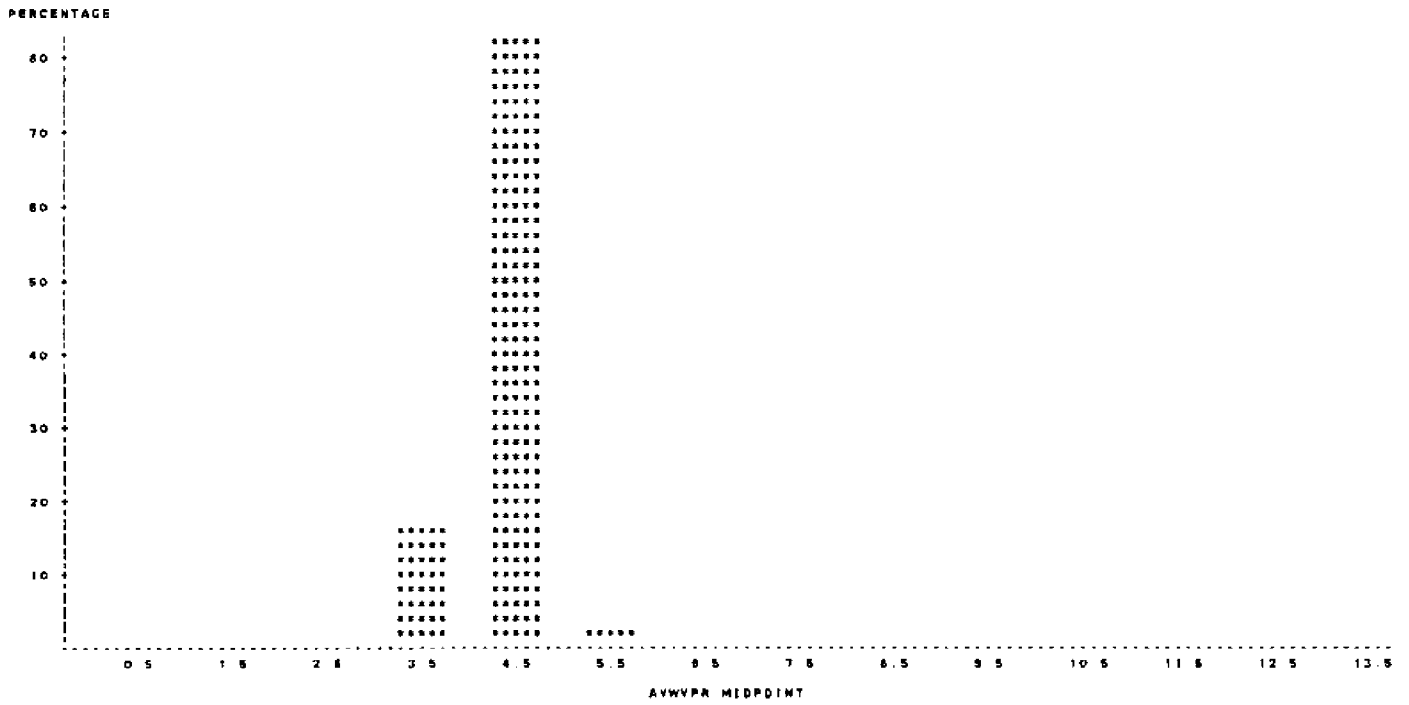


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42002 JUNE 1980

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT			TOTAL
	<=0.5	<=1.0	<=1.5	
FREQUENCY				
PERCENT				
ROW PCT				
COL PCT				
<=4.0	38	75	0	113
	5.28	10.42	0.00	15.89
	33.63	86.37	0.00	
	38.00	13.64	0.00	
<=6.0	61	488	88	597
	8.47	85.00	9.44	82.92
	10.22	78.39	11.39	
	81.00	85.09	87.14	
<=8.0	1	7	2	10
	0.14	0.87	0.28	1.39
	10.00	70.00	20.00	
	1.00	1.27	2.86	
TOTAL	100	550	70	720
	13.89	78.39	8.72	100.00

Table 2

DAILY STATISTICS
BUDY #42002 JUNE 1960

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY #1 -----					
AIRTEMP	24	26.875	0.248	26.600	27.200
SEATEMP	24	27.587	0.101	27.400	27.800
WINDSPED	24	7.000	1.348	4.300	8.800
SIGWVHT	24	1.058	0.058	0.900	1.100
AVWVPR	24	4.567	0.188	4.300	5.000
----- DAY #2 -----					
AIRTEMP	24	27.104	0.392	26.800	27.700
SEATEMP	24	27.876	0.133	27.400	27.800
WINDSPED	24	7.117	0.748	5.300	8.300
SIGWVHT	24	0.958	0.050	0.900	1.000
AVWVPR	24	4.457	0.248	4.100	4.800
----- DAY #3 -----					
AIRTEMP	24	27.246	0.200	26.800	27.800
SEATEMP	24	27.846	0.172	27.500	28.000
WINDSPED	24	7.121	0.552	5.200	8.200
SIGWVHT	24	0.982	0.087	0.800	1.100
AVWVPR	24	4.500	0.188	4.200	4.700
----- DAY #4 -----					
AIRTEMP	24	27.112	0.288	26.800	27.800
SEATEMP	24	27.721	0.135	27.500	28.000
WINDSPED	24	7.228	0.710	5.800	8.700
SIGWVHT	24	0.950	0.088	0.800	1.100
AVWVPR	24	4.348	0.110	4.200	4.500
----- DAY #5 -----					
AIRTEMP	24	27.404	0.201	26.800	27.800
SEATEMP	24	27.717	0.098	27.500	27.800
WINDSPED	24	7.088	0.488	5.400	8.000
SIGWVHT	24	0.854	0.088	0.700	0.900
AVWVPR	24	4.271	0.100	4.100	4.400
----- DAY #6 -----					
AIRTEMP	24	27.800	0.293	27.100	28.100
SEATEMP	24	27.887	0.133	27.400	27.800
WINDSPED	24	6.978	0.888	5.500	8.000
SIGWVHT	24	0.812	0.074	0.700	0.900
AVWVPR	24	4.183	0.092	4.000	4.300

Table 3

DAILY STATISTICS
BUDY #42002 JUNE 1960

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY #7 -----					
AIRTEMP	24	27.588	0.248	27.100	28.000
SEATEMP	24	27.721	0.247	27.500	28.200
WINDSPED	24	6.488	0.938	5.000	7.400
SIGWVHT	24	0.778	0.058	0.700	0.900
AVWVPR	24	4.258	0.097	4.000	4.400
----- DAY #8 -----					
AIRTEMP	24	27.833	0.381	27.100	28.100
SEATEMP	24	28.180	0.532	27.500	28.200
WINDSPED	24	8.121	2.040	1.700	7.800
SIGWVHT	24	0.800	0.181	0.800	1.000
AVWVPR	24	4.984	0.147	4.300	4.700
----- DAY #9 -----					
AIRTEMP	24	27.717	0.838	26.800	28.800
SEATEMP	24	28.808	0.512	28.300	29.400
WINDSPED	24	1.858	1.378	0.100	5.000
SIGWVHT	24	0.448	0.086	0.400	0.800
AVWVPR	24	4.321	0.241	3.800	4.300
----- DAY #10 -----					
AIRTEMP	24	27.304	0.778	24.400	28.200
SEATEMP	24	28.804	0.253	28.300	28.100
WINDSPED	24	3.175	2.148	0.100	10.800
SIGWVHT	24	0.828	0.192	0.300	0.800
AVWVPR	24	4.328	0.284	3.800	5.100
----- DAY #11 -----					
AIRTEMP	24	27.217	0.438	26.800	27.800
SEATEMP	24	28.471	0.233	28.200	28.800
WINDSPED	24	4.148	1.128	2.400	5.200
SIGWVHT	24	0.704	0.182	0.400	1.000
AVWVPR	24	4.475	0.308	4.000	5.000
----- DAY #12 -----					
AIRTEMP	24	27.287	0.192	26.800	27.800
SEATEMP	24	28.437	0.188	28.300	28.700
WINDSPED	24	5.783	0.828	3.000	7.000
SIGWVHT	24	0.837	0.077	0.500	0.700
AVWVPR	24	3.783	0.158	3.500	4.200

Table 3 (continue)

DAILY STATISTICS
 BUDY #42002 JUNE 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	27.292	0.278	26.800	27.700
SEATEMP	24	28.396	0.226	27.800	28.800
WINDSPED	24	8.582	0.463	5.700	7.300
SIGWYHT	24	0.871	0.085	0.700	1.000
AVWVPR	24	4.117	0.124	3.800	4.400
----- DAY: 14 -----					
AIRTEMP	24	27.700	0.281	27.300	28.100
SEATEMP	24	28.512	0.170	28.300	28.800
WINDSPED	24	6.683	1.330	3.700	7.800
SIGWYHT	24	1.068	0.110	0.800	1.300
AVWVPR	24	4.825	0.203	4.300	5.200
----- DAY: 15 -----					
AIRTEMP	24	27.828	0.220	27.700	28.300
SEATEMP	24	28.521	0.234	28.300	28.900
WINDSPED	24	6.375	0.882	5.300	7.500
SIGWYHT	24	1.017	0.087	0.800	1.200
AVWVPR	24	4.878	0.174	4.400	5.000
----- DAY: 16 -----					
AIRTEMP	24	27.571	0.287	27.400	28.400
SEATEMP	24	28.817	0.078	28.700	28.900
WINDSPED	24	6.378	1.259	4.400	8.700
SIGWYHT	24	1.087	0.133	0.800	1.300
AVWVPR	24	4.846	0.177	4.500	5.100
----- DAY: 17 -----					
AIRTEMP	24	27.875	0.303	27.400	28.500
SEATEMP	24	28.858	0.083	28.800	28.100
WINDSPED	24	7.317	1.075	5.400	9.000
SIGWYHT	24	1.021	0.083	0.800	1.200
AVWVPR	24	4.454	0.128	4.300	4.700
----- DAY: 18 -----					
AIRTEMP	24	28.728	0.277	27.800	28.700
SEATEMP	24	28.117	0.362	28.800	28.800
WINDSPED	24	6.348	1.714	2.400	7.700
SIGWYHT	24	0.954	0.086	0.800	1.100
AVWVPR	24	4.598	0.143	4.400	4.900

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	24	28.442	0.319	28.000	28.000
SEATEMP	24	28.382	0.278	28.000	28.800
WINDSPED	24	4.712	1.083	2.400	6.400
SIGWYHT	24	0.786	0.066	0.700	0.800
AVWVPR	24	4.412	0.351	4.100	5.100
----- DAY: 20 -----					
AIRTEMP	24	28.546	0.306	28.100	28.400
SEATEMP	24	28.333	0.183	28.100	28.800
WINDSPED	24	6.676	1.734	1.800	8.600
SIGWYHT	24	0.733	0.066	0.700	0.800
AVWVPR	24	4.076	0.119	3.800	4.300
----- DAY: 21 -----					
AIRTEMP	24	28.737	0.571	28.000	30.300
SEATEMP	24	29.508	0.507	28.000	30.800
WINDSPED	24	4.612	2.587	0.300	8.100
SIGWYHT	24	0.880	0.144	0.800	1.100
AVWVPR	24	4.458	0.188	4.100	4.800
----- DAY: 22 -----					
AIRTEMP	24	28.676	0.277	28.200	28.500
SEATEMP	24	29.312	0.388	28.800	30.400
WINDSPED	24	4.937	1.888	1.300	7.800
SIGWYHT	24	0.812	0.115	0.600	1.000
AVWVPR	24	4.487	0.384	3.900	5.300
----- DAY: 23 -----					
AIRTEMP	24	28.826	0.328	28.100	28.200
SEATEMP	24	29.226	0.189	28.000	28.800
WINDSPED	24	6.033	1.317	3.400	8.200
SIGWYHT	24	0.782	0.138	0.800	1.000
AVWVPR	24	4.221	0.114	4.000	4.400
----- DAY: 24 -----					
AIRTEMP	24	28.592	0.407	28.000	29.200
SEATEMP	24	29.271	0.226	29.100	29.800
WINDSPED	24	6.771	1.317	3.400	8.200
SIGWYHT	24	0.867	0.084	0.800	1.000
AVWVPR	24	4.400	0.182	4.100	4.700

Table 3 (continue)

DAILY STATISTICS
 BUDY #42002 JUNE 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	28.817	0.447	28.300	29.700
SEATEMP	24	29.550	0.388	28.200	30.300
WINDSPED	24	6.371	2.291	1.500	8.800
SIGWVHT	24	0.800	0.078	0.800	1.000
AVWVPR	24	4.833	0.197	4.100	4.700
----- DAY:26 -----					
AIRTEMP	24	28.987	0.364	28.500	29.700
SEATEMP	24	29.771	0.554	29.300	31.100
WINDSPED	24	3.898	1.551	1.700	6.800
SIGWVHT	24	0.558	0.141	0.400	0.900
AVWVPR	24	4.787	0.271	4.000	4.900
----- DAY:27 -----					
AIRTEMP	24	28.017	0.312	28.600	28.700
SEATEMP	24	29.700	0.468	28.100	30.800
WINDSPED	24	4.554	2.010	1.000	7.700
SIGWVHT	24	0.504	0.091	0.400	0.600
AVWVPR	24	3.808	0.224	3.400	4.200
----- DAY:28 -----					
AIRTEMP	24	28.833	0.280	28.400	29.600
SEATEMP	24	29.696	0.258	28.400	30.100
WINDSPED	24	4.421	1.803	0.900	7.800
SIGWVHT	24	0.478	0.078	0.400	0.600
AVWVPR	24	3.737	0.208	3.400	4.100
----- DAY:29 -----					
AIRTEMP	24	28.021	0.337	28.400	29.600
SEATEMP	24	29.828	0.223	28.400	30.100
WINDSPED	24	6.021	1.247	3.200	7.700
SIGWVHT	24	0.686	0.096	0.500	0.800
AVWVPR	24	3.852	0.280	3.500	4.200
----- DAY:30 -----					
AIRTEMP	24	29.128	0.372	28.500	29.700
SEATEMP	24	29.837	0.428	29.500	30.700
WINDSPED	24	3.786	1.441	1.900	8.200
SIGWVHT	24	0.582	0.102	0.400	0.700
AVWVPR	24	4.248	0.128	4.000	4.500

Table 3 (continue)

42001 JULY 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 JULY 1980

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (INB)
WINDSPD	WIND SPEED (M/SEC)
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	744	28.404	1.073	23.100	31.300	8.200	-1.325	3.256
SEATEMP	744	28.497	0.732	27.700	33.200	5.500	0.888	2.215
BAROMTR	744	1015.888	1.828	1010.200	1018.800	8.600	-0.585	-0.288
WINDSPD	743	3.872	2.705	0.100	13.200	13.100	1.146	0.330
WINDDRC	744	174.388	92.388	0.700	358.800	358.100	0.264	-0.814
SIGWVHT	743	0.830	0.373	0.100	1.800	1.700	1.084	0.551
AVWVPR	743	4.100	0.574	2.800	8.200	5.400	0.318	0.571

Table 1

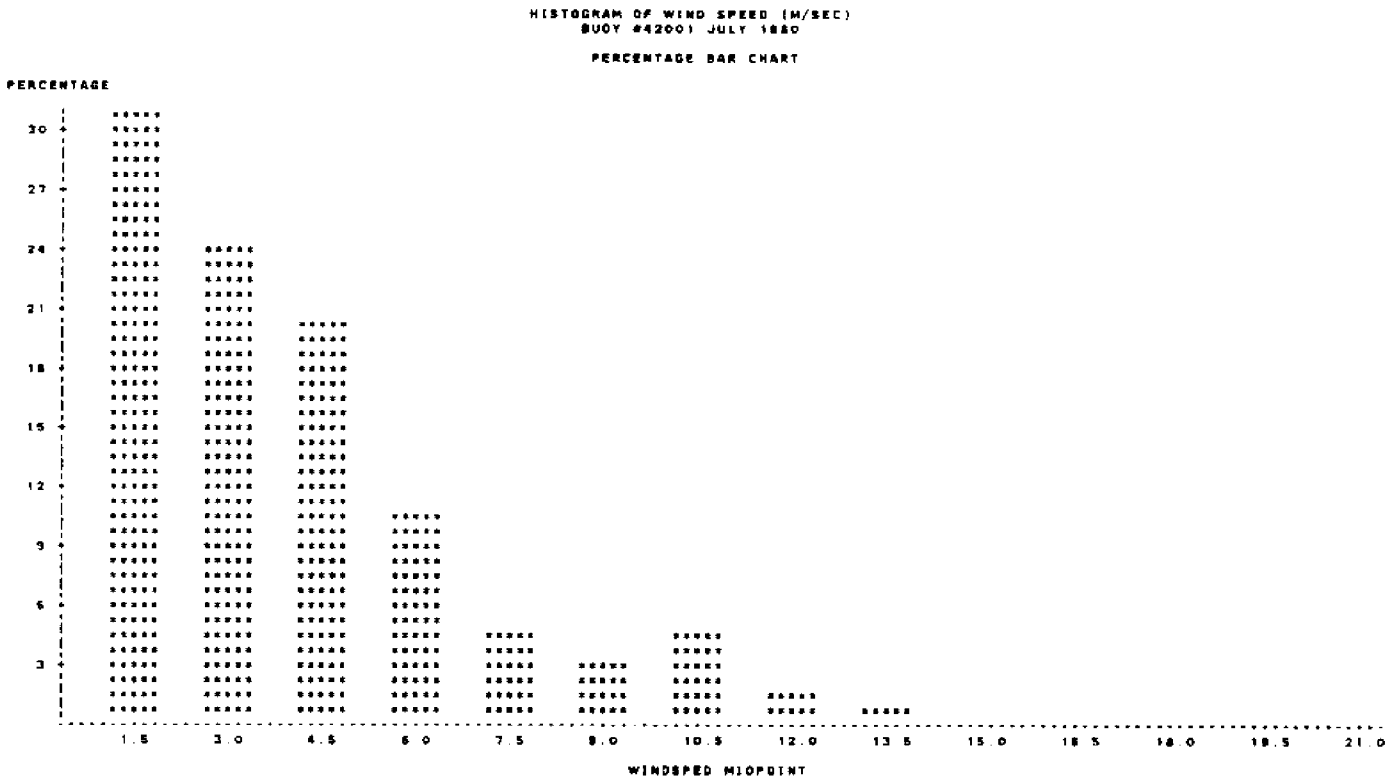


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 JULY 1960

PERCENTAGE BAR CHART

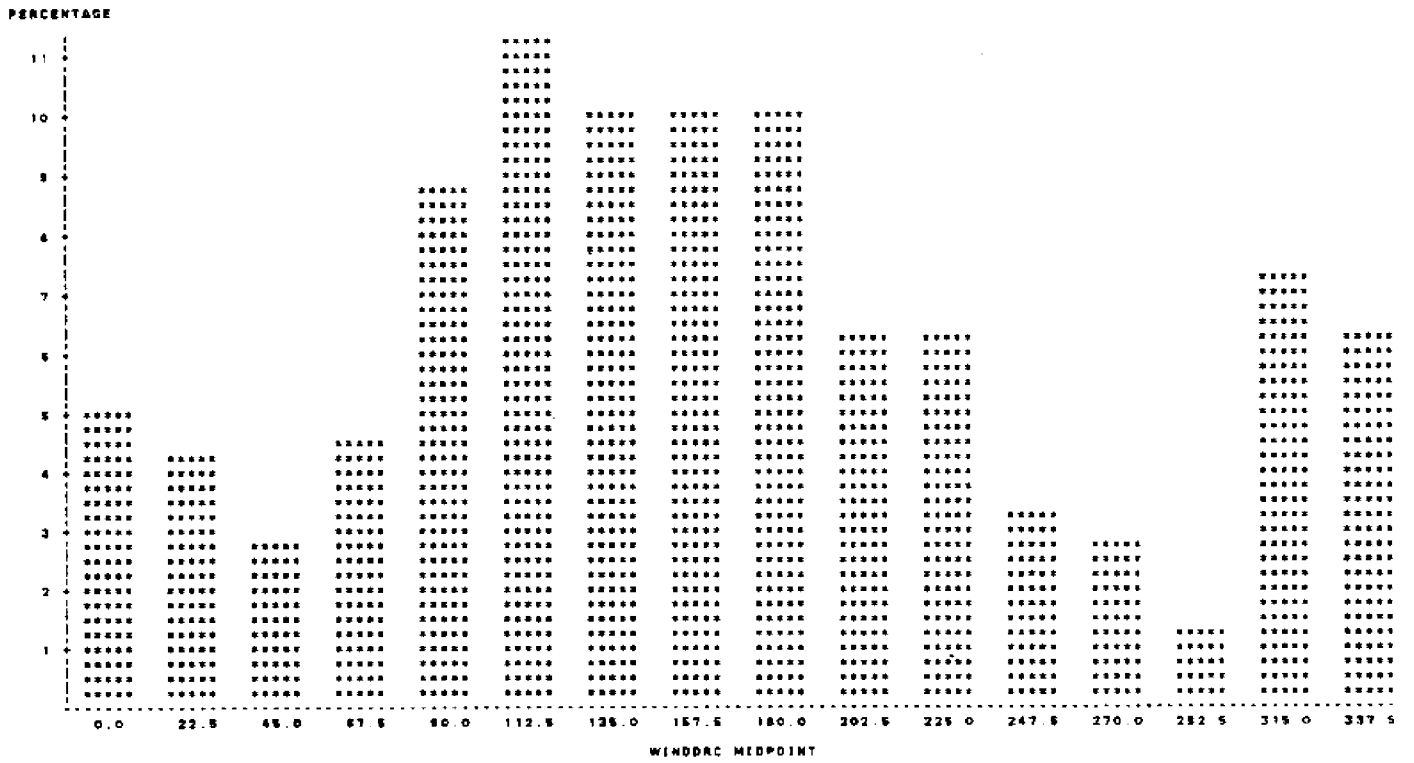


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 JULY 1960

PERCENTAGE BAR CHART

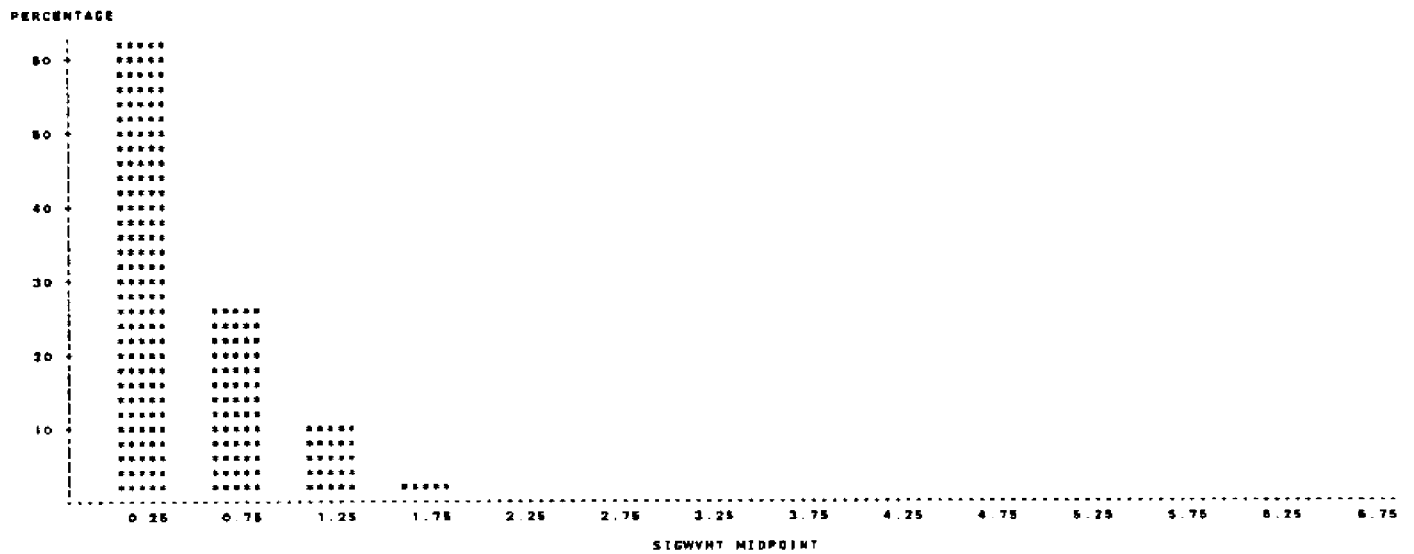


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 JULY 1980
 PERCENTAGE BAR CHART

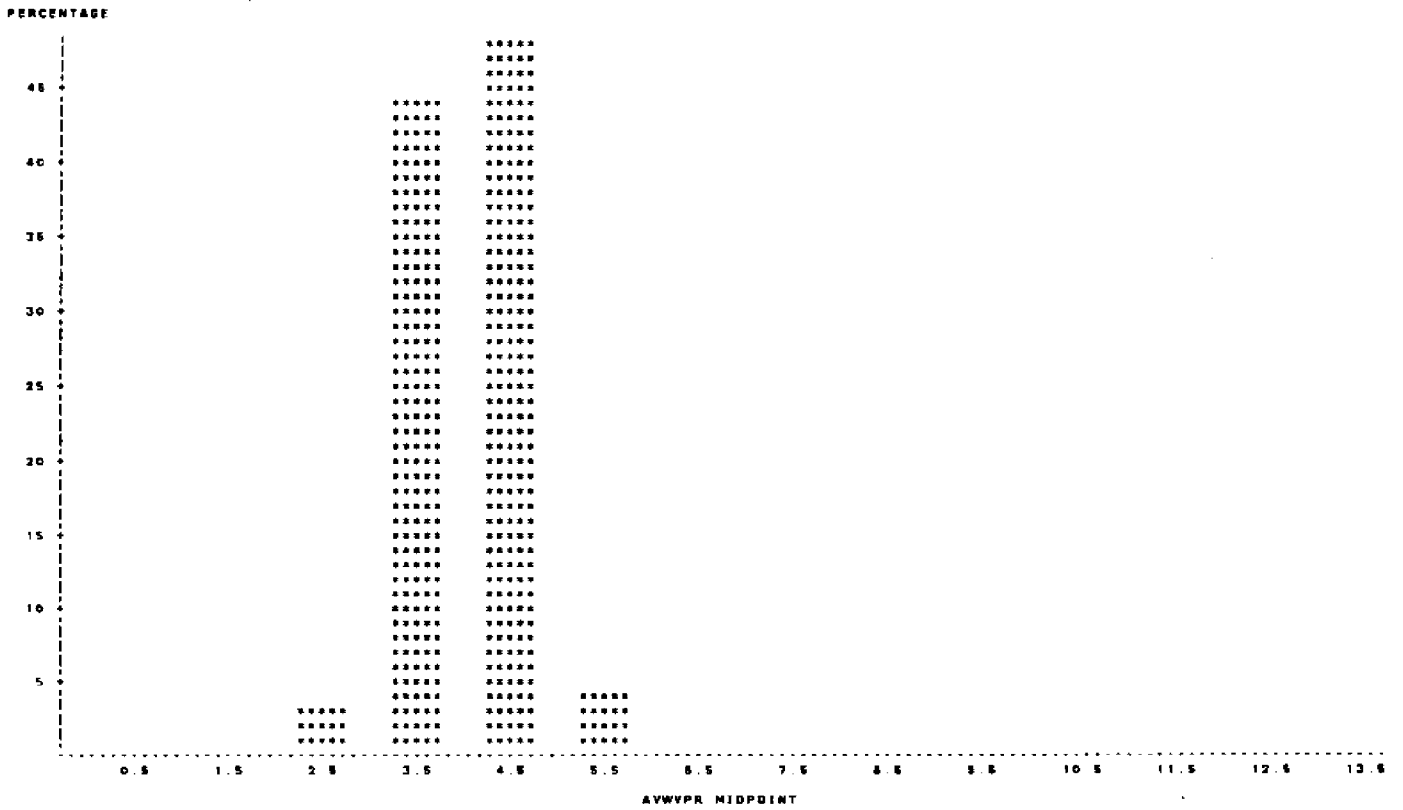


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 JULY 1980

TABLE OF AVWVPR BY SIGWVHT

AVWVPR	SIGWVHT	FREQUENCY				TOTAL
		PERCENT	ROW PCT	COL PCT		
		<=0.5	<=1.0	<=1.5	<=2.0	
		0	0	0	0	
<=3.0	0	21	1	0	0	22
		2.83	0.13	0.00	0.00	2.96
		85.45	4.55	0.00	0.00	
		4.51	0.53	0.00	0.00	
<=4.0	0	280	51	15	0	327
		34.89	5.86	2.15	0.00	44.01
		78.51	15.50	4.89	0.00	
		55.79	27.13	20.51	0.00	
<=5.0	0	185	111	52	11	359
		24.80	14.94	7.00	1.48	48.32
		51.53	30.82	14.48	3.08	
		39.70	58.04	86.87	100.00	
<=6.0	0	0	22	10	0	32
		0.00	2.96	1.35	0.00	4.31
		0.00	58.75	31.25	0.00	
		0.00	11.70	12.62	0.00	
<=7.0	0	0	3	0	0	3
		0.00	0.40	0.00	0.00	0.40
		0.00	100.00	0.00	0.00	
		0.00	1.60	0.00	0.00	
TOTAL		485	168	75	11	743
		62.72	25.30	10.50	1.48	100.00

Table 2

DAILY STATISTICS
 BUOY #42001 JULY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	28.704	0.480	27.900	29.500
SEATEMP	24	29.457	0.288	29.100	30.100
WINDSPED	24	3.292	1.584	0.800	5.800
SIGWVHT	24	0.390	0.086	0.200	0.600
AVWVPR	24	4.117	0.818	2.800	4.900
----- DAY#2 -----					
AIRTEMP	24	28.575	0.412	28.000	29.300
SEATEMP	24	29.354	0.285	29.000	29.800
WINDSPED	24	3.171	0.915	1.800	5.000
SIGWVHT	24	0.300	0.088	0.200	0.400
AVWVPR	24	3.408	0.284	3.000	3.300
----- DAY#3 -----					
AIRTEMP	24	28.898	0.533	27.200	29.800
SEATEMP	24	29.567	0.488	29.100	30.700
WINDSPED	24	1.812	0.788	0.100	3.600
SIGWVHT	24	0.212	0.081	0.100	0.300
AVWVPR	24	3.812	0.404	3.000	4.200
----- DAY#4 -----					
AIRTEMP	24	28.637	0.318	28.100	29.200
SEATEMP	24	29.867	0.418	29.100	30.400
WINDSPED	24	3.417	1.200	1.200	5.700
SIGWVHT	24	0.254	0.078	0.100	0.600
AVWVPR	24	3.658	0.715	3.300	4.100
----- DAY#5 -----					
AIRTEMP	24	28.708	0.327	28.200	29.300
SEATEMP	24	29.525	0.280	29.100	30.000
WINDSPED	24	5.258	1.105	3.700	7.700
SIGWVHT	24	0.412	0.085	0.300	0.700
AVWVPR	24	3.471	0.296	3.200	4.100
----- DAY#6 -----					
AIRTEMP	24	28.375	0.377	27.500	29.000
SEATEMP	24	29.145	0.211	28.900	29.500
WINDSPED	24	9.000	2.882	3.200	12.300
SIGWVHT	24	1.257	0.266	0.800	1.700
AVWVPR	24	4.704	0.505	3.800	5.400

Table 3

DAILY STATISTICS
 BUOY #42001 JULY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	28.525	0.389	28.000	29.200
SEATEMP	24	29.417	0.504	29.300	30.600
WINDSPED	24	3.783	1.140	0.800	5.200
SIGWVHT	24	0.633	0.190	0.400	0.900
AVWVPR	24	4.986	0.404	3.700	5.200
----- DAY#8 -----					
AIRTEMP	24	28.862	1.158	27.800	31.100
SEATEMP	24	29.847	1.284	29.100	32.200
WINDSPED	24	2.395	1.756	0.100	7.300
SIGWVHT	24	0.350	0.116	0.200	0.600
AVWVPR	24	3.775	0.384	3.000	4.300
----- DAY#9 -----					
AIRTEMP	24	28.212	1.091	27.100	31.300
SEATEMP	24	30.071	0.912	29.300	32.000
WINDSPED	24	1.892	1.783	0.200	7.000
SIGWVHT	24	0.342	0.083	0.200	0.500
AVWVPR	24	3.878	0.306	3.200	4.300
----- DAY#10 -----					
AIRTEMP	24	29.012	0.540	28.400	30.000
SEATEMP	24	29.828	0.890	29.100	31.200
WINDSPED	23	1.704	0.933	0.200	3.300
SIGWVHT	24	0.129	0.045	0.100	0.200
AVWVPR	24	4.000	0.254	3.400	4.400
----- DAY#11 -----					
AIRTEMP	24	28.933	0.584	27.800	30.300
SEATEMP	24	30.162	0.580	29.300	31.900
WINDSPED	24	1.345	0.540	0.300	2.500
SIGWVHT	24	0.100	0.000	0.100	0.100
AVWVPR	24	3.854	0.102	3.800	4.000
----- DAY#12 -----					
AIRTEMP	24	28.912	0.404	28.300	29.700
SEATEMP	24	30.208	0.499	29.300	31.300
WINDSPED	24	2.000	0.790	0.600	3.800
SIGWVHT	24	0.100	0.000	0.100	0.100
AVWVPR	24	3.887	0.126	3.800	4.200

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 JULY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	28.048	0.882	28.300	30.300
SEATEMP	24	28.987	0.951	29.200	31.300
WINDSPED	24	2.821	1.346	0.400	6.800
SIGWVHT	24	0.271	0.143	0.100	0.500
AVWVPR	24	4.078	0.405	3.100	4.800
----- DAY:14 -----					
AIRTEMP	24	28.408	0.463	28.600	30.100
SEATEMP	24	28.821	0.993	29.000	30.800
WINDSPED	24	2.817	0.485	1.800	3.500
SIGWVHT	24	0.348	0.086	0.200	0.400
AVWVPR	24	4.471	0.160	4.200	4.700
----- DAY:15 -----					
AIRTEMP	24	28.171	0.486	28.000	30.000
SEATEMP	24	29.726	0.286	29.400	30.200
WINDSPED	24	3.771	1.231	2.100	6.400
SIGWVHT	23	0.248	0.104	0.100	0.500
AVWVPR	23	3.574	0.638	2.500	4.200
----- DAY:16 -----					
AIRTEMP	24	28.706	0.624	27.800	30.100
SEATEMP	24	29.800	0.254	28.300	30.200
WINDSPED	24	3.288	2.800	0.100	10.800
SIGWVHT	24	0.825	0.173	0.300	0.900
AVWVPR	24	3.937	0.601	2.900	4.900
----- DAY:17 -----					
AIRTEMP	24	27.221	1.488	23.100	28.800
SEATEMP	24	28.187	0.226	28.800	28.900
WINDSPED	24	6.567	2.698	1.700	12.800
SIGWVHT	24	0.850	0.138	0.500	1.000
AVWVPR	24	3.742	0.398	3.100	4.800
----- DAY:18 -----					
AIRTEMP	24	27.237	0.714	26.400	28.200
SEATEMP	24	28.600	0.206	28.300	28.900
WINDSPED	24	6.282	2.588	0.900	11.100
SIGWVHT	24	0.871	0.306	0.400	1.400
AVWVPR	24	3.942	0.413	3.300	4.900

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	28.158	0.606	27.000	29.100
SEATEMP	24	28.242	0.118	28.100	28.400
WINDSPED	24	4.812	1.806	1.500	7.800
SIGWVHT	24	0.784	0.192	0.500	1.300
AVWVPR	24	4.267	0.233	4.000	4.800
----- DAY:20 -----					
AIRTEMP	24	28.304	0.817	27.600	29.400
SEATEMP	24	28.337	0.613	27.700	29.800
WINDSPED	24	4.287	1.317	1.400	8.000
SIGWVHT	24	0.958	0.058	0.500	0.700
AVWVPR	24	4.298	0.358	3.700	4.800
----- DAY:21 -----					
AIRTEMP	24	28.747	0.425	28.300	29.600
SEATEMP	24	28.121	0.843	28.400	30.400
WINDSPED	24	3.717	1.878	0.800	7.300
SIGWVHT	24	0.578	0.110	0.400	0.700
AVWVPR	24	4.400	0.250	3.800	4.600
----- DAY:22 -----					
AIRTEMP	24	27.882	0.832	26.700	29.000
SEATEMP	24	28.554	0.288	28.300	30.100
WINDSPED	24	3.217	1.784	0.800	7.800
SIGWVHT	24	0.858	0.078	0.500	0.800
AVWVPR	24	4.396	0.448	4.500	5.200
----- DAY:23 -----					
AIRTEMP	24	28.057	1.123	24.200	27.800
SEATEMP	24	28.171	0.149	28.900	29.300
WINDSPED	24	8.058	3.336	1.000	12.800
SIGWVHT	24	0.873	0.213	0.500	1.100
AVWVPR	24	4.033	0.558	3.300	4.800
----- DAY:24 -----					
AIRTEMP	24	26.875	0.847	24.100	27.700
SEATEMP	24	28.204	0.123	28.900	29.400
WINDSPED	24	8.825	2.957	1.400	13.200
SIGWVHT	24	1.252	0.275	0.900	1.800
AVWVPR	24	3.992	0.380	3.300	4.500

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JULY 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	28.846	1.560	24.100	28.800
SEATEMP	24	28.887	0.233	28.200	29.200
WINDSPED	24	4.887	2.048	1.000	8.700
SIGWVHT	24	1.098	0.120	1.000	1.400
AVWVPR	24	4.537	0.380	4.000	5.300
----- DAY:26 -----					
AIRTEMP	24	28.825	0.996	26.100	29.700
SEATEMP	24	29.079	0.211	28.800	29.400
WINDSPED	24	4.321	2.992	1.300	11.800
SIGWVHT	24	1.333	0.174	0.800	1.500
AVWVPR	24	4.679	0.584	4.000	5.700
----- DAY:27 -----					
AIRTEMP	24	28.679	0.238	28.400	29.400
SEATEMP	24	29.382	0.318	29.100	29.900
WINDSPED	24	5.433	1.948	1.000	9.000
SIGWVHT	24	0.900	0.108	0.800	1.200
AVWVPR	24	4.380	0.380	4.000	5.100
----- DAY:28 -----					
AIRTEMP	24	28.854	0.578	27.800	29.700
SEATEMP	24	29.775	0.880	28.200	31.100
WINDSPED	24	2.892	1.387	0.700	5.800
SIGWVHT	24	0.481	0.108	0.400	0.700
AVWVPR	24	4.150	0.318	3.500	4.800
----- DAY:29 -----					
AIRTEMP	24	28.908	0.618	28.000	29.800
SEATEMP	24	30.212	0.876	29.300	32.300
WINDSPED	24	2.187	1.402	0.800	6.300
SIGWVHT	24	0.337	0.088	0.200	0.400
AVWVPR	24	4.321	0.288	3.800	4.900
----- DAY:30 -----					
AIRTEMP	24	28.412	0.850	25.300	29.500
SEATEMP	24	30.042	0.380	29.800	30.700
WINDSPED	24	2.358	1.280	0.700	6.600
SIGWVHT	24	0.212	0.034	0.200	0.300
AVWVPR	24	4.029	0.183	3.400	4.300

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	28.387	0.868	28.800	29.300
SEATEMP	24	30.029	0.848	29.500	31.300
WINDSPED	24	2.275	1.663	0.800	8.000
SIGWVHT	24	0.242	0.083	0.200	0.600
AVWVPR	24	3.708	0.381	3.000	4.300

Table 3 (continue)

42001 AUGUST 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 AUGUST 1980
 AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BARDMTR BAROMETER (MB)
 WINDSPED WIND SPEED (M/SEC)
 WINDDRC WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWVHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWVPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	744	28.809	0.743	24.700	31.200	6.500	-0.979	3.856
SEATEMP	744	28.387	0.784	27.100	31.800	4.500	-0.291	1.280
BARDMTR	744	1018.409	3.018	1003.100	1021.500	18.400	-1.279	2.944
WINDSPED	738	5.362	3.718	0.100	22.100	22.000	1.878	3.818
WINDDRC	738	138.803	88.888	7.300	358.300	352.000	1.235	2.862
SIGWVHT	744	0.824	1.298	0.100	8.100	8.000	3.582	14.118
AVWVPR	744	4.317	1.042	2.700	8.200	6.500	2.366	6.436

Table 1

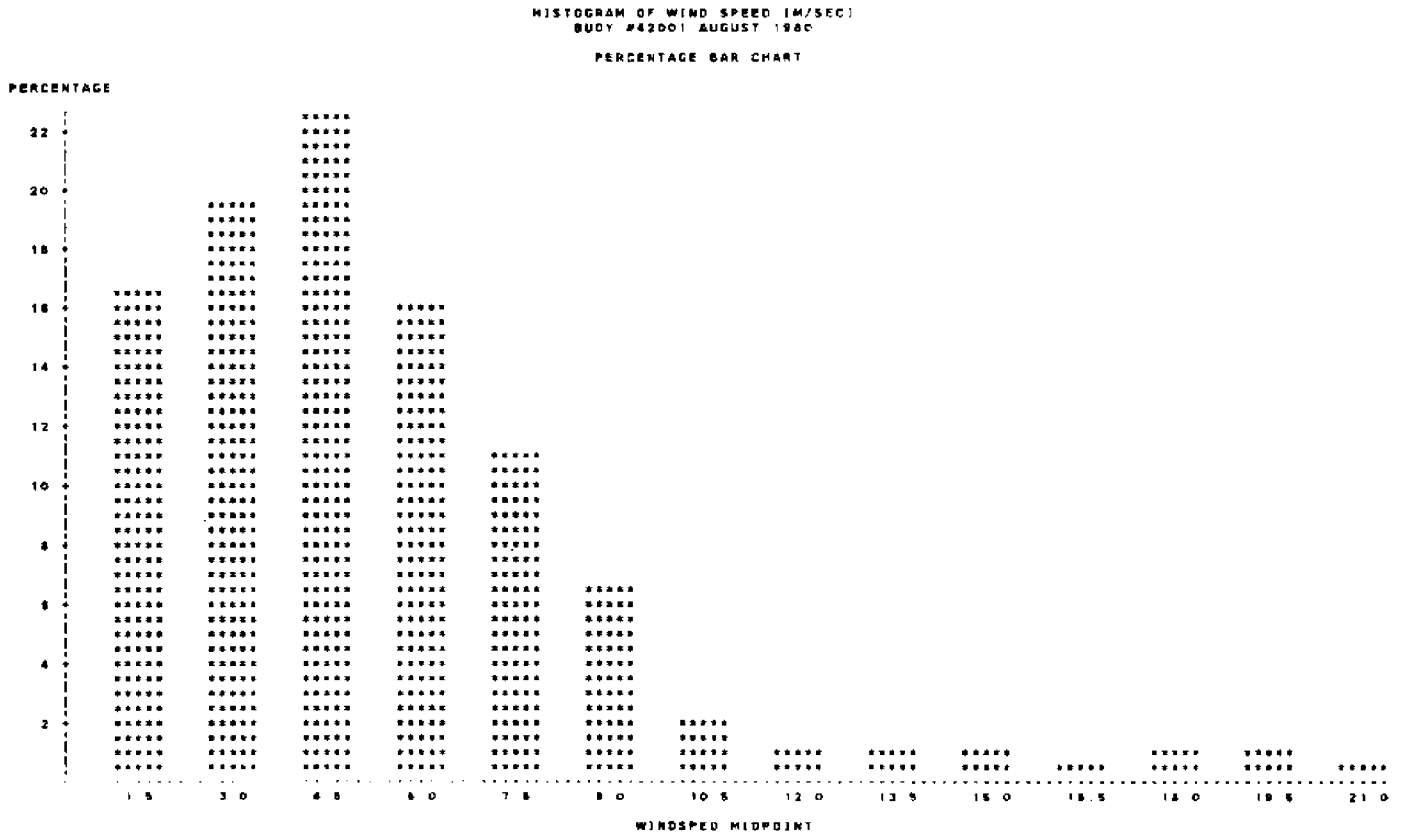


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 AUGUST 1980

PERCENTAGE BAR CHART

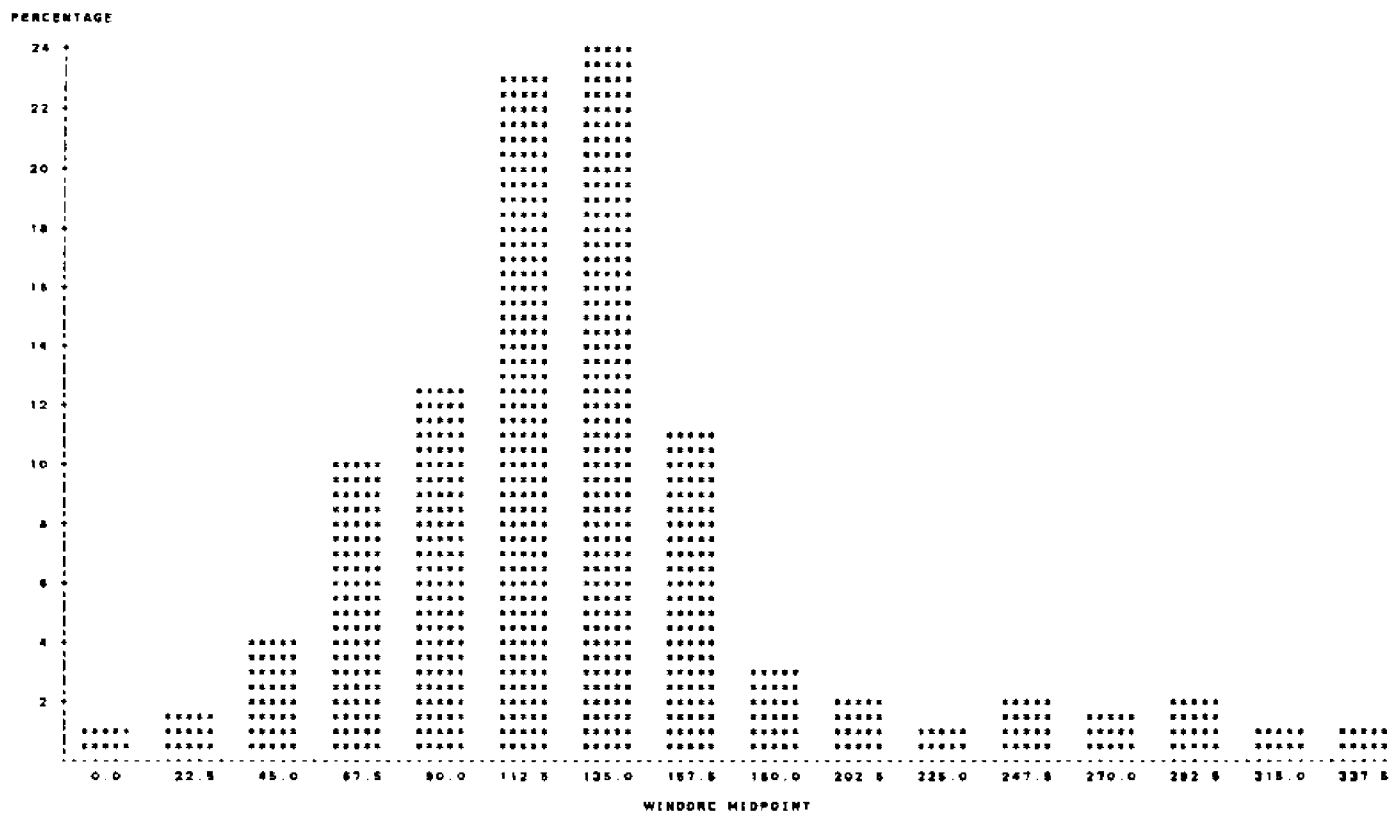


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 AUGUST 1980

PERCENTAGE BAR CHART

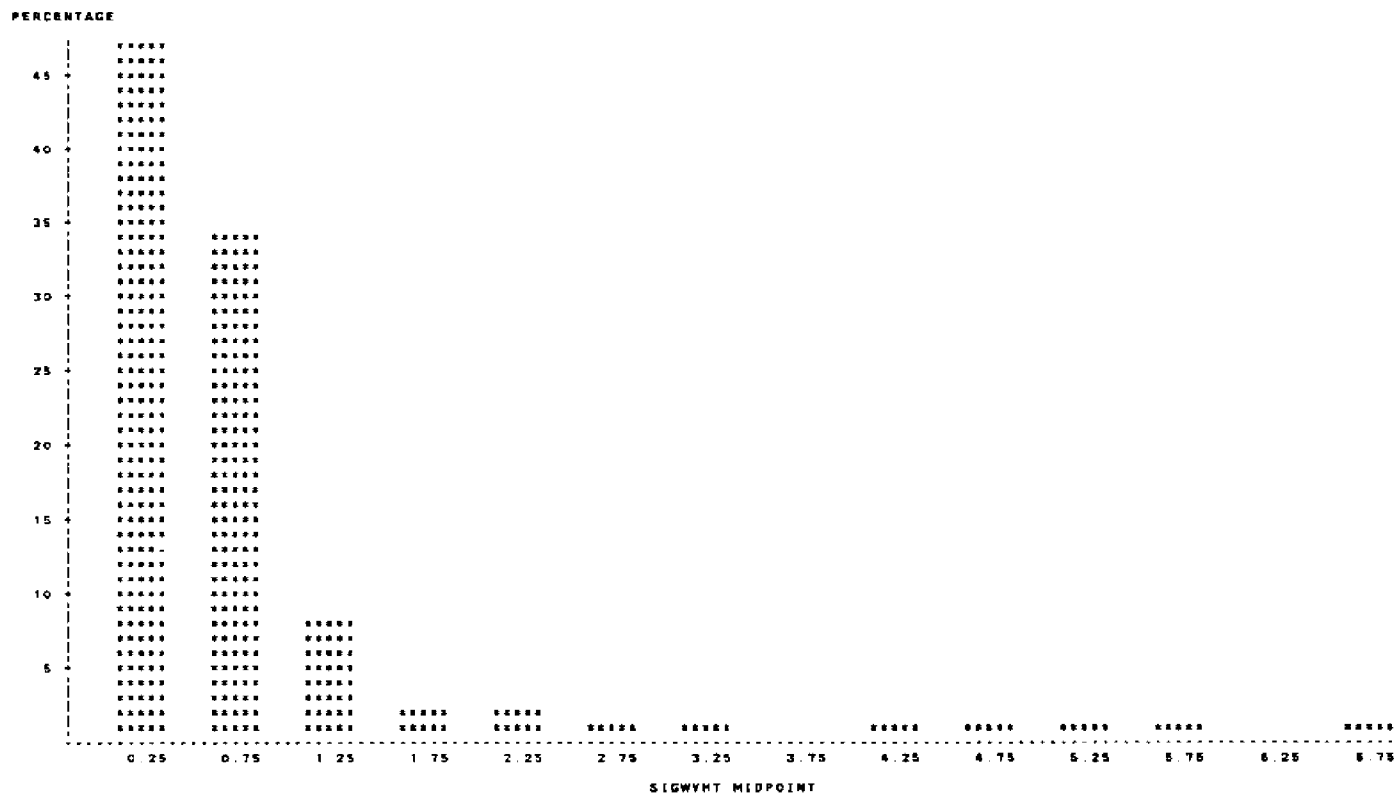


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD [SEC]
 BUOY #42001 AUGUST 1980

PERCENTAGE BAR CHART

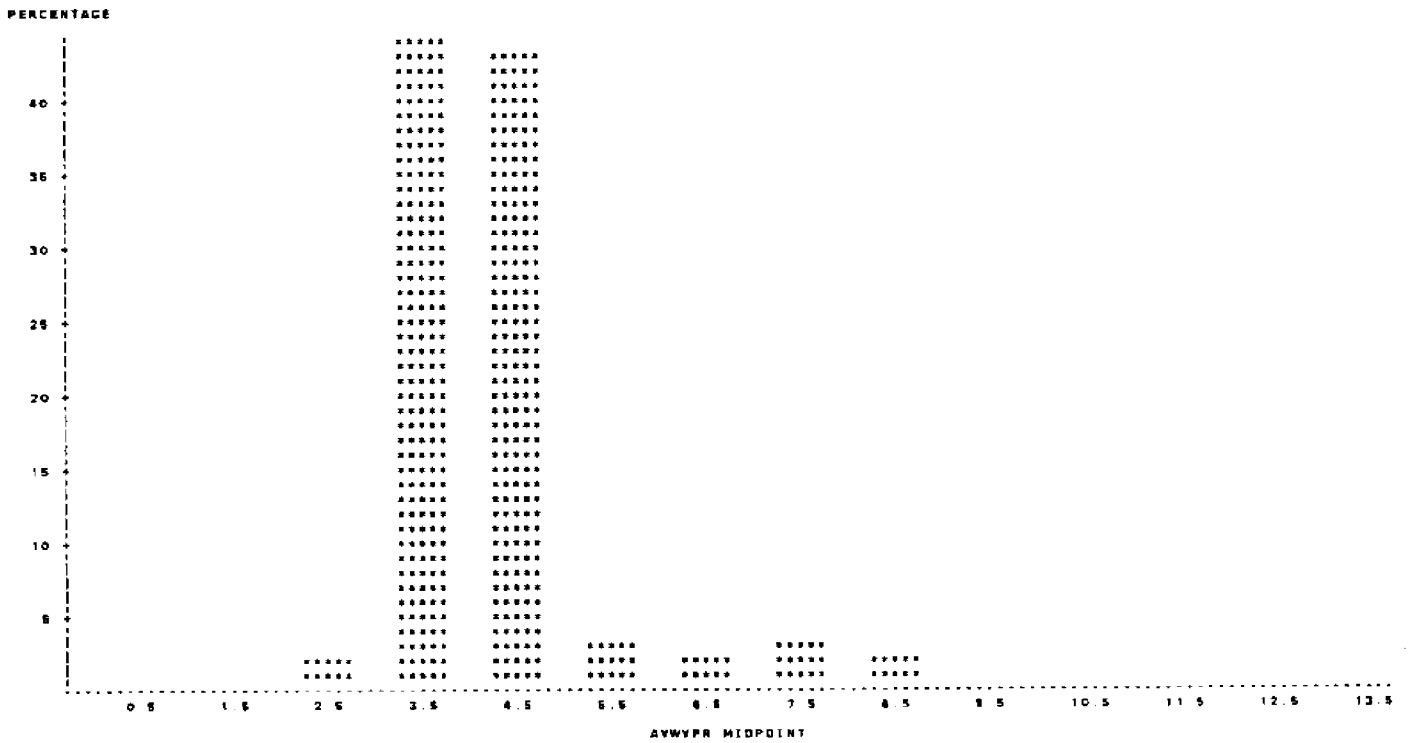


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 AUGUST 1980

TABLE OF AWWVPR BY SIGNWHT

AWWVPR	SIGNWHT	SIGNWHT										TOTAL	
		<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	<=4.0	<=4.5	<=5.0		<=5.5
<=3.0	FREQUENCY	17	0	0	0	0	0	0	0	0	0	0	17
	PERCENT	2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.28
	COL PCT	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
<=4.0	FREQUENCY	208	115	11	0	0	0	0	0	0	0	0	321
	PERCENT	27.42	15.58	1.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.48
	COL PCT	81.83	35.05	3.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
<=5.0	FREQUENCY	130	127	47	8	0	0	0	0	0	0	0	320
	PERCENT	17.47	18.41	6.32	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	43.01
	COL PCT	40.83	42.81	14.89	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
<=6.0	FREQUENCY	0	0	4	7	5	8	3	0	0	0	0	25
	PERCENT	0.00	0.00	0.54	0.94	0.67	0.81	0.40	0.00	0.00	0.00	0.00	3.36
	COL PCT	0.00	0.00	18.00	28.00	20.00	24.00	12.00	0.00	0.00	0.00	0.00	100.00
<=7.0	FREQUENCY	0	0	0	0	8	2	2	2	1	0	0	15
	PERCENT	0.00	0.00	0.00	0.00	1.21	0.27	0.27	0.27	0.13	0.00	0.00	2.15
	COL PCT	0.00	0.00	0.00	0.00	55.25	12.50	12.50	12.50	6.25	0.00	0.00	100.00
<=8.0	FREQUENCY	0	0	0	0	0	0	0	1	6	5	3	19
	PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.81	0.67	0.40	2.95
	COL PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.25	21.88	28.32	15.75	100.00
<=9.0	FREQUENCY	0	0	0	0	0	0	0	0	0	0	2	14
	PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	1.88
	COL PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.29	100.00
<=10.0	FREQUENCY	0	0	0	0	0	0	0	0	0	0	0	2
	PERCENT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27
	COL PCT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	100.00
TOTAL		351	283	62	13	14	8	5	3	7	5	5	744
		47.18	38.01	8.33	1.75	1.88	1.04	0.67	0.40	0.94	0.67	0.67	100.00

Table 2

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 STUDY #42001 AUGUST 1980

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT										TOTAL	
FREQUENCY PERCENT ROW PCT COL PCT	<= 0	<= 0.5	1.3	2.4	3.5	4.7	5.8	7.0	8.1	9.1		
<= 3.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	17 2.28
<= 4.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	331 44.48
<= 5.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	320 42.01
<= 6.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	28 3.68
<= 7.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 2.35
<= 8.0	3 0.40 18.78 78.00	1 0.13 5.28 33.33	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	18 2.35
<= 9.0	1 0.13 7.14 25.00	2 0.27 14.28 55.57	2 0.27 14.28 100.00	1 0.13 7.14 100.00	1 0.13 7.14 100.00	0 0.00 0.00 0.00	1 0.13 7.14 50.00	1 0.13 7.14 100.00	1 0.13 7.14 100.00	1 0.13 7.14 100.00	1 0.13 7.14 100.00	14 1.81
<= 10.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.13 50.00 100.00	1 0.13 50.00 50.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.27
TOTAL	4 0.64	3 0.40	2 0.27	1 0.13	1 0.13	1 0.13	2 0.27	1 0.13	1 0.13	1 0.13	1 0.13	744 100.00

Table 2 (continue)

DAILY STATISTICS STUDY #42001 AUGUST 1980						
VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	
----- DAY #1 -----						
AIRTEMP	24	28.542	0.858	28.000	28.900	
SEATEMP	24	30.008	0.883	29.300	31.400	
WINDSPED	24	3.242	1.823	0.700	6.200	
SIGWHT	24	0.275	0.079	0.200	0.400	
AVWVPR	24	2.723	0.382	3.000	4.300	
----- DAY #2 -----						
AIRTEMP	24	28.128	0.837	28.800	30.800	
SEATEMP	24	30.180	0.821	29.400	31.200	
WINDSPED	23	2.886	1.107	1.100	4.800	
SIGWHT	24	0.184	0.020	0.100	0.200	
AVWVPR	24	3.837	0.230	3.400	4.200	
----- DAY #3 -----						
AIRTEMP	24	28.082	0.488	28.500	30.400	
SEATEMP	24	30.078	0.417	29.800	30.800	
WINDSPED	24	3.660	1.153	0.800	5.200	
SIGWHT	24	0.217	0.038	0.200	0.300	
AVWVPR	24	3.278	0.384	2.700	3.800	
----- DAY #4 -----						
AIRTEMP	24	28.037	0.324	28.300	28.700	
SEATEMP	24	28.783	0.238	28.500	30.200	
WINDSPED	24	4.421	1.173	4.300	8.800	
SIGWHT	24	0.587	0.180	0.200	0.800	
AVWVPR	24	3.400	0.230	3.000	3.700	
----- DAY #5 -----						
AIRTEMP	24	29.037	0.248	28.800	29.800	
SEATEMP	24	29.521	0.188	29.300	30.800	
WINDSPED	24	7.288	1.485	3.800	9.800	
SIGWHT	24	0.848	0.153	0.500	1.100	
AVWVPR	24	3.808	0.248	3.400	4.100	
----- DAY #6 -----						
AIRTEMP	24	28.654	0.971	28.000	29.300	
SEATEMP	24	29.421	0.174	29.300	30.000	
WINDSPED	24	4.921	2.038	2.000	8.300	
SIGWHT	24	1.029	0.082	0.800	1.100	
AVWVPR	24	4.400	0.277	4.000	5.000	

Table 3

DAILY STATISTICS
 BUOY #42001 AUGUST 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	28.837	0.824	27.500	29.600
SEATEMP	24	28.275	0.188	28.000	28.600
WINDSPED	24	8.300	1.928	4.800	12.800
SIGWVHT	24	1.608	0.474	1.100	2.800
AVWVPR	24	5.212	0.463	4.700	6.600
----- DAY:8 -----					
AIRTEMP	24	28.421	1.252	24.700	29.500
SEATEMP	24	28.937	0.187	28.500	29.100
WINDSPED	24	18.088	2.819	12.800	22.100
SIGWVHT	24	5.421	1.584	3.300	9.100
AVWVPR	24	8.254	0.537	7.000	9.200
----- DAY:9 -----					
AIRTEMP	24	28.278	0.187	28.000	28.800
SEATEMP	24	27.728	0.253	27.600	28.400
WINDSPED	24	13.237	1.821	10.600	18.100
SIGWVHT	24	4.054	1.004	2.600	5.800
AVWVPR	24	6.587	0.910	5.200	8.100
----- DAY:10 -----					
AIRTEMP	24	28.112	0.196	27.700	28.600
SEATEMP	24	27.504	0.149	27.300	27.800
WINDSPED	24	8.287	1.510	6.000	10.700
SIGWVHT	24	2.137	0.378	1.600	2.600
AVWVPR	24	5.721	0.653	4.800	6.600
----- DAY:11 -----					
AIRTEMP	24	28.333	0.368	27.500	29.000
SEATEMP	24	28.078	0.534	27.100	28.800
WINDSPED	24	6.879	1.413	3.700	8.800
SIGWVHT	24	1.242	0.172	1.000	1.500
AVWVPR	24	4.286	0.253	4.000	4.900
----- DAY:12 -----					
AIRTEMP	24	28.400	0.238	27.900	28.800
SEATEMP	24	28.786	0.177	28.600	29.400
WINDSPED	24	5.350	1.828	2.800	7.600
SIGWVHT	24	0.682	0.158	0.600	1.000
AVWVPR	24	4.133	0.096	4.000	4.300

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	27.748	0.811	25.300	28.500
SEATEMP	24	28.004	0.347	28.800	29.800
WINDSPED	24	4.433	1.887	1.000	8.400
SIGWVHT	24	0.808	0.085	0.500	0.800
AVWVPR	24	3.304	0.187	3.400	4.100
----- DAY:14 -----					
AIRTEMP	24	28.237	0.758	28.700	28.100
SEATEMP	24	28.988	0.250	28.800	29.500
WINDSPED	24	8.882	1.383	4.900	9.300
SIGWVHT	24	0.950	0.174	0.700	1.200
AVWVPR	24	3.833	0.181	3.600	4.100
----- DAY:15 -----					
AIRTEMP	24	28.742	0.280	28.300	29.200
SEATEMP	24	28.158	0.272	28.800	28.700
WINDSPED	24	6.512	1.762	3.600	8.400
SIGWVHT	24	0.954	0.108	0.700	1.100
AVWVPR	24	4.154	0.208	3.900	4.500
----- DAY:16 -----					
AIRTEMP	24	28.550	0.381	27.900	29.300
SEATEMP	24	28.282	0.278	28.000	28.800
WINDSPED	24	9.958	1.528	1.400	8.200
SIGWVHT	24	0.782	0.072	0.700	0.900
AVWVPR	24	4.058	0.187	3.800	4.400
----- DAY:17 -----					
AIRTEMP	24	28.528	0.615	27.700	30.200
SEATEMP	24	29.433	0.488	29.000	30.400
WINDSPED	24	6.017	2.024	0.300	8.200
SIGWVHT	24	0.700	0.059	0.600	0.800
AVWVPR	24	3.842	0.255	3.400	4.400
----- DAY:18 -----					
AIRTEMP	24	28.048	0.813	28.200	30.800
SEATEMP	24	28.887	0.788	28.100	31.800
WINDSPED	24	3.454	1.301	0.100	4.700
SIGWVHT	24	0.404	0.085	0.300	0.500
AVWVPR	24	3.854	0.083	3.600	3.800

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 AUGUST 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	28.775	0.381	28.200	28.800
SEATEMP	24	29.428	0.256	29.100	29.800
WINDSPED	24	3.233	1.839	0.400	5.700
SIGWVHT	24	0.329	0.055	0.300	0.800
AVWVPR	24	3.700	0.167	3.500	4.000
----- DAY:20 -----					
AIRTEMP	24	28.133	0.690	25.800	28.000
SEATEMP	24	29.317	0.186	29.100	29.800
WINDSPED	24	3.887	1.904	0.700	8.000
SIGWVHT	24	0.371	0.055	0.300	0.500
AVWVPR	24	3.886	0.108	3.800	4.200
----- DAY:21 -----					
AIRTEMP	24	28.775	0.810	27.900	29.800
SEATEMP	24	29.812	0.564	29.000	30.600
WINDSPED	24	2.825	1.535	0.800	5.700
SIGWVHT	24	0.348	0.108	0.200	0.500
AVWVPR	24	4.358	0.147	4.200	4.800
----- DAY:22 -----					
AIRTEMP	24	29.000	0.542	28.300	30.200
SEATEMP	24	29.792	0.532	29.300	30.800
WINDSPED	24	1.446	0.729	0.100	2.900
SIGWVHT	24	0.204	0.020	0.200	0.300
AVWVPR	24	4.183	0.092	4.000	4.400
----- DAY:23 -----					
AIRTEMP	24	28.137	0.588	28.500	30.100
SEATEMP	24	30.088	0.528	29.800	31.100
WINDSPED	20	1.880	0.960	0.200	3.400
SIGWVHT	24	0.129	0.046	0.100	0.200
AVWVPR	24	4.087	0.344	3.500	4.700
----- DAY:24 -----					
AIRTEMP	24	29.350	0.841	28.700	31.200
SEATEMP	24	30.267	0.551	29.700	31.400
WINDSPED	24	3.204	1.431	0.100	5.400
SIGWVHT	24	0.282	0.113	0.100	0.400
AVWVPR	24	3.871	0.334	3.000	4.300

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	28.158	1.018	25.300	28.800
SEATEMP	24	29.783	0.386	29.500	30.900
WINDSPED	24	3.962	2.138	0.100	8.800
SIGWVHT	24	0.333	0.101	0.200	0.500
AVWVPR	24	3.817	0.438	2.800	4.400
----- DAY:26 -----					
AIRTEMP	24	27.883	0.875	25.300	28.800
SEATEMP	24	28.400	0.158	28.200	29.800
WINDSPED	24	4.187	1.881	0.300	8.500
SIGWVHT	24	0.533	0.056	0.500	0.800
AVWVPR	24	4.421	0.278	4.000	4.800
----- DAY:27 -----					
AIRTEMP	24	27.887	0.861	27.100	29.900
SEATEMP	24	28.283	0.284	29.000	28.900
WINDSPED	24	3.239	1.751	0.300	6.500
SIGWVHT	24	0.558	0.118	0.400	0.900
AVWVPR	24	4.650	0.053	4.500	4.800
----- DAY:28 -----					
AIRTEMP	24	28.450	0.737	27.700	29.900
SEATEMP	24	29.733	0.843	29.100	31.600
WINDSPED	24	2.737	0.977	0.500	4.700
SIGWVHT	24	0.333	0.048	0.300	0.400
AVWVPR	24	4.629	0.193	4.300	4.800
----- DAY:29 -----					
AIRTEMP	24	28.854	0.428	28.400	29.700
SEATEMP	24	29.887	0.517	29.300	30.800
WINDSPED	24	3.033	1.371	0.500	6.000
SIGWVHT	24	0.288	0.078	0.200	0.800
AVWVPR	24	4.075	0.468	3.500	4.800
----- DAY:30 -----					
AIRTEMP	24	28.700	0.278	28.100	29.100
SEATEMP	24	29.487	0.294	29.000	29.900
WINDSPED	24	4.728	1.506	1.900	8.200
SIGWVHT	24	0.612	0.126	0.400	0.800
AVWVPR	24	4.304	0.237	3.900	4.900

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 AUGUST 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY 31 -----					
AIRTEMP	24	28.837	0.226	28.100	29.100
SEATEMP	24	29.404	0.155	28.100	29.700
WINDSPD	24	5.312	0.855	4.000	7.400
SIGWHT	24	0.854	0.162	0.500	0.800
AVWPR	24	4.817	0.222	4.200	5.000

Table 3 (continue)

42001 SEPTEMBER 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 SEPTEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	720	28.136	1.025	22.800	28.400	5.600	-2.748	8.600
SEATEMP	720	28.210	0.328	28.200	30.800	2.200	0.930	0.912
BAROMTR	720	1015.355	1.700	1011.100	1019.000	7.900	-0.270	-0.758
WINDSPD	718	5.374	2.045	0.400	10.800	10.400	-0.135	-0.624
WINDDRG	718	138.854	81.789	0.200	359.100	358.900	1.355	1.858
SIGWVHT	720	0.845	0.381	0.300	2.300	2.000	0.442	0.118
AVWVPR	720	4.780	0.883	2.300	5.500	3.600	0.233	-0.314

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 SEPTEMBER 1980

PERCENTAGE BAR CHART

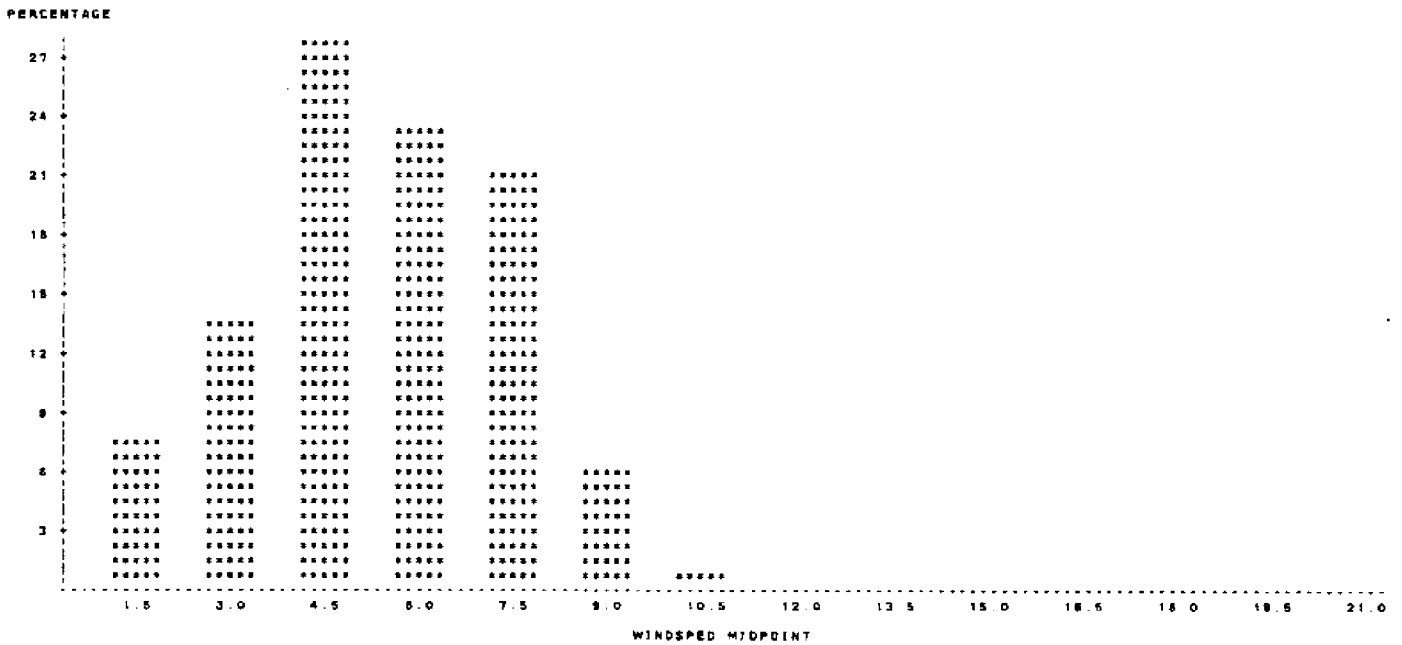


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 SEPTEMBER 1980

PERCENTAGE BAR CHART

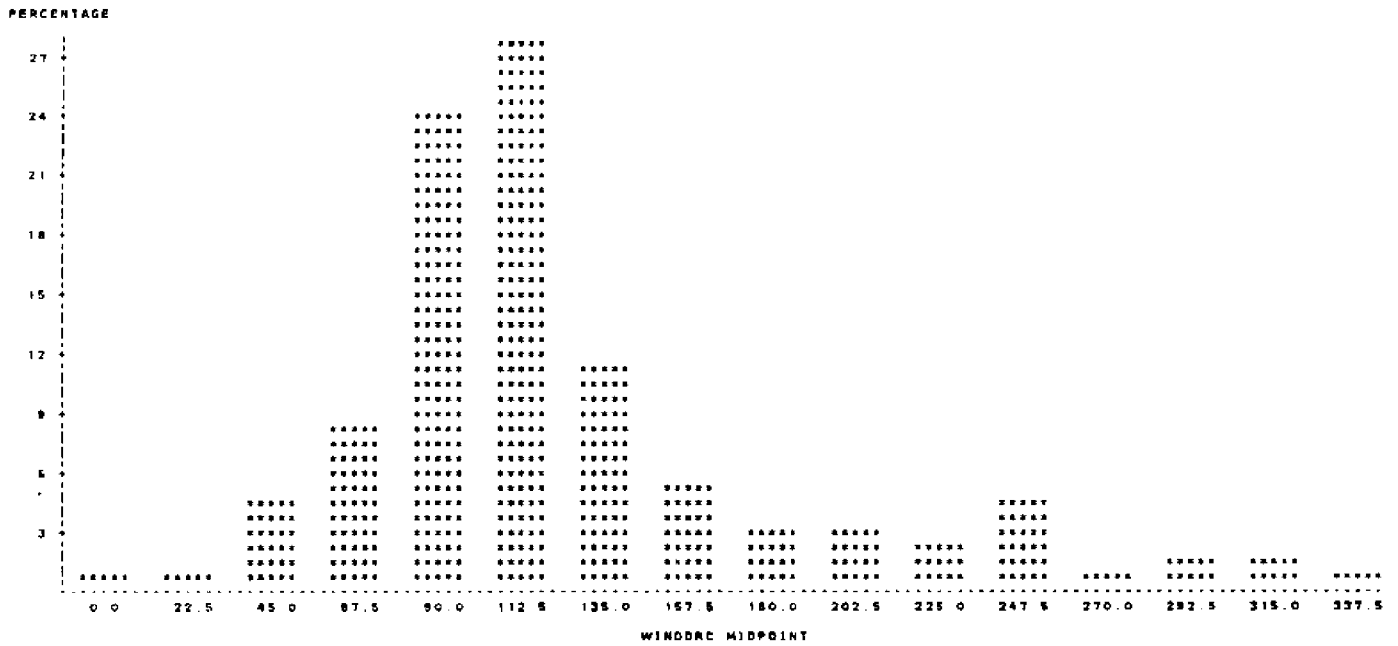


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 SEPTEMBER 1980

PERCENTAGE BAR CHART

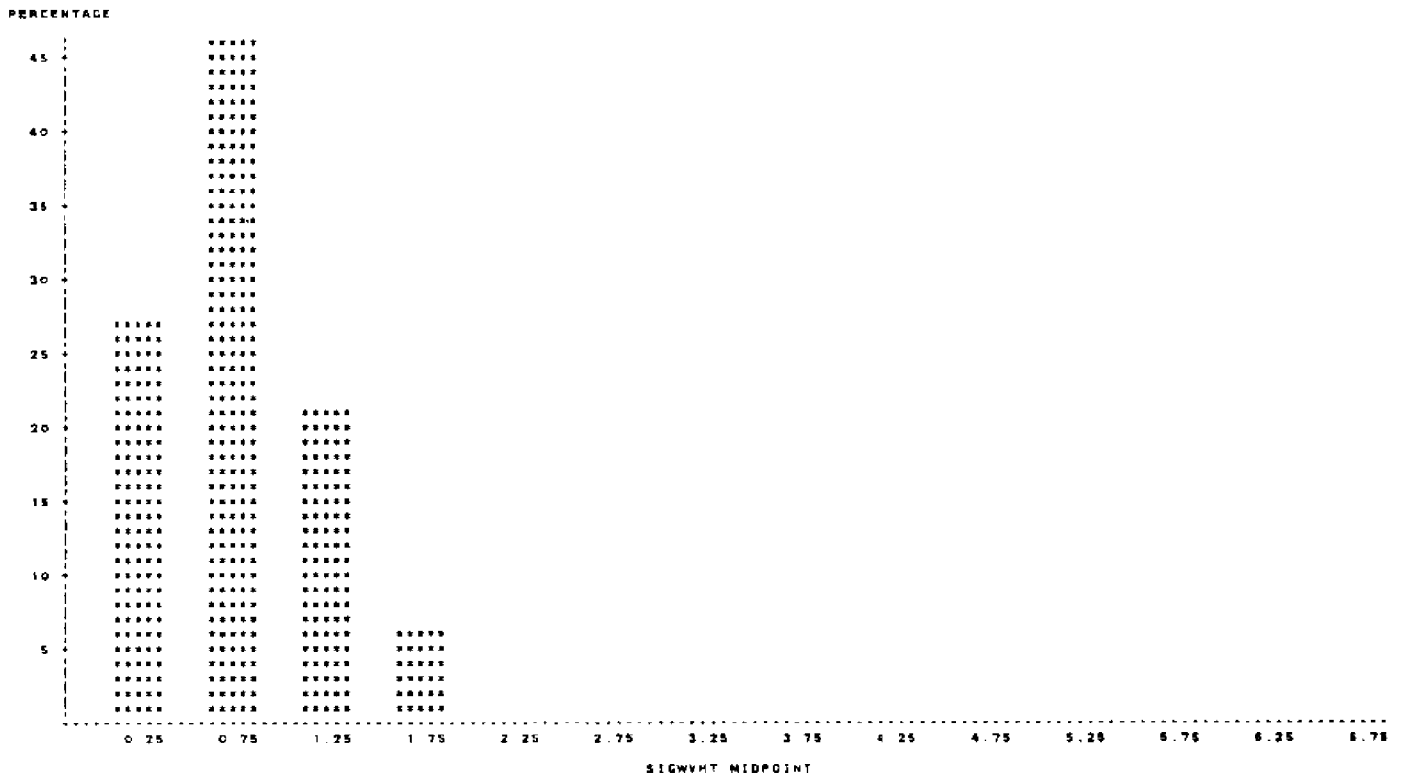


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD [SEC]
 BUOY #42001 SEPTEMBER 1980

PERCENTAGE BAR CHART

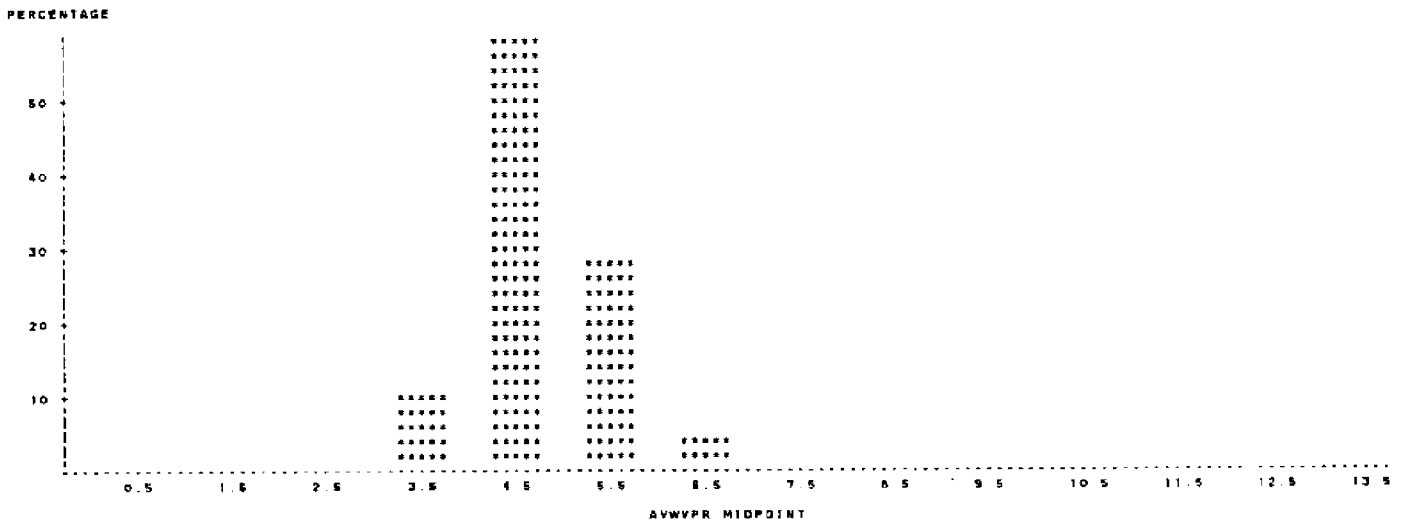


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 SEPTEMBER 1980

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT					TOTAL
	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	
<=3.0	3 0.42 60.00 1.55	2 0.28 40.00 0.51	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.89
<=4.0	41 5.89 63.08 21.24	23 3.18 35.38 5.89	1 0.14 1.54 0.55	0 0.00 0.00 0.00	0 0.00 0.00 0.00	85 9.03
<=5.0	146 20.28 34.52 75.85	257 35.89 80.78 78.12	20 2.76 4.73 13.07	0 0.00 0.00 0.00	0 0.00 0.00 0.00	423 52.75
<=6.0	3 0.42 1.48 1.55	47 6.53 22.93 14.28	129 17.82 82.93 84.31	28 3.87 12.20 59.52	1 0.14 0.49 33.33	205 28.47
<=7.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.42 13.64 1.98	17 2.38 77.27 40.88	2 0.28 8.09 66.67	22 3.08
TOTAL	183 26.81	329 45.89	153 21.25	42 5.83	3 0.42	720 100.00

Table 2

DAILY STATISTICS
 BUOY #42001 SEPTEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	28.721	0.285	28.200	29.100
SEATEMP	24	28.312	0.207	29.000	29.800
WINDSPED	23	5.291	1.378	2.700	7.500
SIGWVHT	24	0.646	0.078	0.500	0.800
AVWVPR	24	4.321	0.125	4.200	4.600
----- DAY:2 -----					
AIRTEMP	24	28.488	0.238	28.100	29.000
SEATEMP	24	29.382	0.382	29.000	30.100
WINDSPED	24	3.188	1.114	1.800	5.300
SIGWVHT	24	0.450	0.051	0.400	0.500
AVWVPR	24	4.287	0.181	4.100	4.700
----- DAY:3 -----					
AIRTEMP	24	28.371	0.471	27.700	29.200
SEATEMP	24	29.662	0.439	29.200	30.400
WINDSPED	24	2.362	1.228	0.800	4.900
SIGWVHT	24	0.498	0.104	0.400	0.700
AVWVPR	24	5.000	0.380	4.900	5.800
----- DAY:4 -----					
AIRTEMP	24	28.562	0.381	27.800	29.100
SEATEMP	24	28.354	0.182	29.100	29.800
WINDSPED	24	5.882	2.072	1.800	8.600
SIGWVHT	24	0.762	0.188	0.500	1.000
AVWVPR	24	4.483	0.735	3.600	5.600
----- DAY:5 -----					
AIRTEMP	24	28.078	0.354	28.500	28.900
SEATEMP	24	29.125	0.173	28.900	29.500
WINDSPED	24	6.075	1.712	2.800	9.300
SIGWVHT	24	0.892	0.108	0.700	1.100
AVWVPR	24	4.375	0.233	4.000	4.800
----- DAY:6 -----					
AIRTEMP	24	28.275	0.516	27.000	28.200
SEATEMP	24	28.412	0.287	29.100	29.900
WINDSPED	24	4.042	0.885	2.200	4.900
SIGWVHT	24	0.862	0.088	0.800	0.900
AVWVPR	24	4.812	0.185	4.500	5.100

Table 3

DAILY STATISTICS
 BUOY #42001 SEPTEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	28.775	0.215	28.400	29.100
SEATEMP	24	28.512	0.254	29.200	29.800
WINDSPED	24	5.503	0.850	4.300	6.900
SIGWVHT	24	0.778	0.078	0.600	0.900
AVWVPR	24	4.784	0.141	4.400	5.000
----- DAY:8 -----					
AIRTEMP	24	28.528	0.257	28.000	28.800
SEATEMP	24	29.871	0.258	29.800	30.100
WINDSPED	24	4.383	1.139	3.000	7.300
SIGWVHT	24	0.588	0.087	0.400	0.700
AVWVPR	24	4.387	0.122	4.100	4.600
----- DAY:9 -----					
AIRTEMP	24	28.528	0.264	28.200	28.800
SEATEMP	24	29.486	0.224	29.100	29.800
WINDSPED	24	4.948	0.929	3.400	6.800
SIGWVHT	24	0.482	0.081	0.400	0.600
AVWVPR	24	4.125	0.165	3.800	4.300
----- DAY:10 -----					
AIRTEMP	24	28.582	0.289	28.100	29.000
SEATEMP	24	28.388	0.252	29.100	29.800
WINDSPED	24	5.175	1.111	3.800	7.400
SIGWVHT	24	0.558	0.083	0.400	0.700
AVWVPR	24	4.200	0.211	3.800	4.500
----- DAY:11 -----					
AIRTEMP	24	28.388	0.880	26.200	29.400
SEATEMP	24	29.817	0.265	29.200	30.000
WINDSPED	24	3.325	1.825	0.800	5.900
SIGWVHT	24	0.375	0.061	0.300	0.500
AVWVPR	24	4.084	0.250	3.800	4.400
----- DAY:12 -----					
AIRTEMP	24	28.821	0.196	28.500	29.200
SEATEMP	24	28.388	0.240	29.100	29.800
WINDSPED	24	4.379	1.807	1.300	6.700
SIGWVHT	24	0.517	0.086	0.400	0.700
AVWVPR	24	3.825	0.460	2.900	4.300

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 SEPTEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	28.521	0.262	28.100	29.000
SEATEMP	24	28.386	0.182	28.200	28.800
WINDSPED	24	5.854	1.174	1.900	7.200
SIGWVHT	24	0.617	0.113	0.400	0.800
AVWVPR	24	4.325	0.323	3.800	4.700
----- DAY:14 -----					
AIRTEMP	24	27.871	0.817	28.500	28.500
SEATEMP	24	28.192	0.097	28.100	29.400
WINDSPED	24	6.479	1.448	3.500	10.000
SIGWVHT	24	0.846	0.164	0.700	1.200
AVWVPR	24	4.942	0.327	4.500	5.500
----- DAY:15 -----					
AIRTEMP	24	27.375	0.796	24.800	28.400
SEATEMP	24	29.146	0.177	28.000	29.500
WINDSPED	24	3.875	1.599	0.500	6.800
SIGWVHT	24	0.887	0.254	0.500	1.400
AVWVPR	24	5.087	0.337	4.500	5.700
----- DAY:16 -----					
AIRTEMP	24	27.817	0.984	24.700	28.800
SEATEMP	24	28.384	0.205	28.100	29.800
WINDSPED	24	4.221	1.083	2.200	6.800
SIGWVHT	24	0.482	0.041	0.400	0.600
AVWVPR	24	4.204	0.261	3.700	4.600
----- DAY:17 -----					
AIRTEMP	24	28.417	1.454	22.900	28.500
SEATEMP	24	28.280	0.122	28.000	28.500
WINDSPED	24	6.480	2.106	1.100	8.700
SIGWVHT	24	0.817	0.278	0.400	1.300
AVWVPR	24	4.700	0.399	3.200	4.700
----- DAY:18 -----					
AIRTEMP	24	24.480	1.099	22.800	26.400
SEATEMP	24	28.717	0.271	28.200	29.100
WINDSPED	24	5.242	2.231	1.900	8.600
SIGWVHT	24	0.804	0.133	0.700	1.100
AVWVPR	24	4.729	0.377	4.200	5.500

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 SEPTEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	27.512	1.055	25.300	28.800
SEATEMP	24	28.045	0.215	28.400	29.500
WINDSPED	24	4.612	1.757	1.100	6.200
SIGWVHT	24	0.683	0.082	0.500	0.900
AVWVPR	24	4.500	0.186	4.200	4.800
----- DAY:20 -----					
AIRTEMP	24	28.650	0.247	28.200	29.000
SEATEMP	24	28.192	0.181	28.000	29.500
WINDSPED	24	7.000	0.671	5.900	8.000
SIGWVHT	24	0.895	0.100	0.800	1.200
AVWVPR	24	4.954	0.284	4.600	5.300
----- DAY:21 -----					
AIRTEMP	24	28.687	0.220	28.300	29.000
SEATEMP	24	29.187	0.226	28.300	29.500
WINDSPED	24	6.704	0.821	5.500	8.300
SIGWVHT	24	1.087	0.098	0.900	1.200
AVWVPR	24	5.246	0.273	4.900	5.800
----- DAY:22 -----					
AIRTEMP	24	28.592	0.224	27.800	29.000
SEATEMP	24	28.121	0.125	28.000	29.300
WINDSPED	24	7.271	1.141	3.800	8.800
SIGWVHT	24	1.175	0.115	0.900	1.400
AVWVPR	24	5.650	0.122	5.200	5.700
----- DAY:23 -----					
AIRTEMP	24	28.584	0.215	28.200	29.000
SEATEMP	24	29.033	0.143	28.800	29.300
WINDSPED	24	7.788	0.884	5.400	8.100
SIGWVHT	24	1.479	0.110	1.300	1.800
AVWVPR	24	5.846	0.132	5.600	6.100
----- DAY:24 -----					
AIRTEMP	24	27.682	0.776	25.500	28.500
SEATEMP	24	28.848	0.141	28.800	29.200
WINDSPED	24	6.892	1.159	4.900	10.800
SIGWVHT	24	1.437	0.169	1.200	1.700
AVWVPR	24	5.871	0.218	5.500	6.200

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 SEPTEMBER 1960

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	28.188	0.528	28.800	28.800
SEATEMP	24	28.800	0.162	28.800	29.100
WINDSPED	24	8.083	1.237	5.100	10.000
SIGWYHT	24	1.778	0.226	1.400	2.300
AVWVPR	24	5.982	0.212	5.500	6.300
----- DAY:26 -----					
AIRTEMP	24	28.458	0.320	27.700	28.900
SEATEMP	24	28.925	0.144	28.800	29.200
WINDSPED	24	7.554	1.169	5.600	9.400
SIGWYHT	24	1.812	0.139	1.400	1.800
AVWVPR	24	5.887	0.268	5.800	6.800
----- DAY:27 -----					
AIRTEMP	24	28.604	0.372	27.100	29.000
SEATEMP	24	28.008	0.204	28.800	29.400
WINDSPED	24	6.828	1.860	3.400	9.200
SIGWYHT	24	1.287	0.104	1.000	1.500
AVWVPR	24	5.425	0.118	5.200	5.700
----- DAY:28 -----					
AIRTEMP	24	28.512	0.308	27.800	29.100
SEATEMP	24	29.028	0.251	28.800	29.500
WINDSPED	24	8.478	1.832	3.400	9.800
SIGWYHT	24	1.033	0.134	0.700	1.200
AVWVPR	24	5.087	0.142	4.800	5.400
----- DAY:29 -----					
AIRTEMP	24	28.271	0.384	27.700	29.200
SEATEMP	24	28.958	0.330	28.800	29.600
WINDSPED	24	3.842	1.130	0.800	5.100
SIGWYHT	24	0.887	0.085	0.400	0.700
AVWVPR	24	4.717	0.137	4.400	4.900
----- DAY:30 -----					
AIRTEMP	24	27.952	0.398	27.400	28.700
SEATEMP	24	28.833	0.248	28.800	29.300
WINDSPED	24	2.854	2.072	0.400	6.800
SIGWYHT	24	0.387	0.088	0.300	0.500
AVWVPR	24	4.352	0.587	2.900	4.400

Table 3 (continue)

42001 OCTOBER 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 OCTOBER 1980

AIRTEMP	AIR TEMPERATURE (C)	
SEATEMP	SEA TEMPERATURE (C)	
BAROMTR	BAROMETER (MB)	
WINDSPED	WIND SPEED (M/SEC)	
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)	
SIGWYHT	SIGNIFICANT WAVE HEIGHTS (M)	
AVWYPR	AVERAGE WAVE PERIODS (SEC)	

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	744	25.861	1.437	20.900	28.100	7.200	-1.159	1.311
SEATEMP	744	27.849	0.734	25.800	29.100	3.300	-0.690	-0.412
BAROMTR	744	1016.859	2.516	1009.900	1024.200	14.300	0.358	0.280
WINDSPED	743	5.934	2.498	0.400	14.400	14.000	0.389	-0.289
WINDDRG	743	93.487	77.299	0.100	359.800	359.800	1.883	3.121
SIGWYHT	744	1.026	0.532	0.300	3.200	2.900	1.314	2.051
AVWYPR	744	4.822	0.485	2.900	8.400	5.500	-0.204	-0.095

Table 1

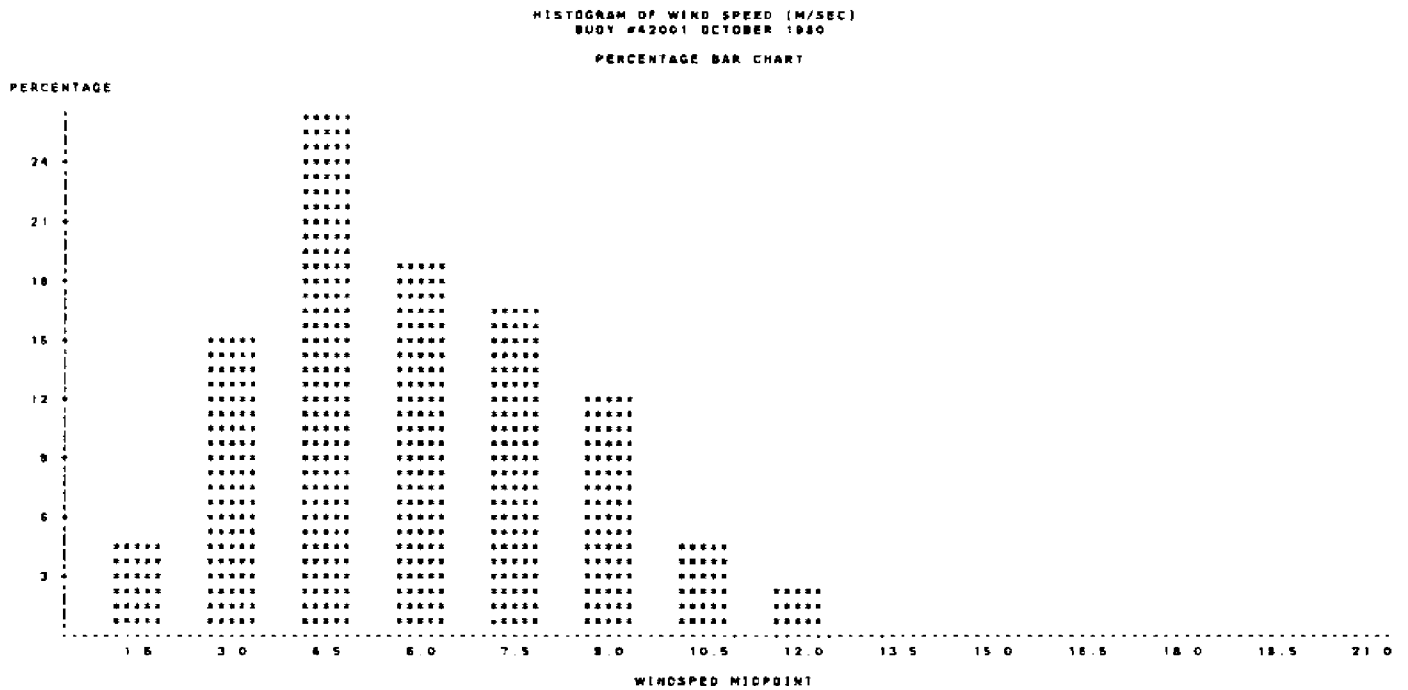


Fig. 1

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC):
 BUOY #42001 OCTOBER 1980

PERCENTAGE BAR CHART

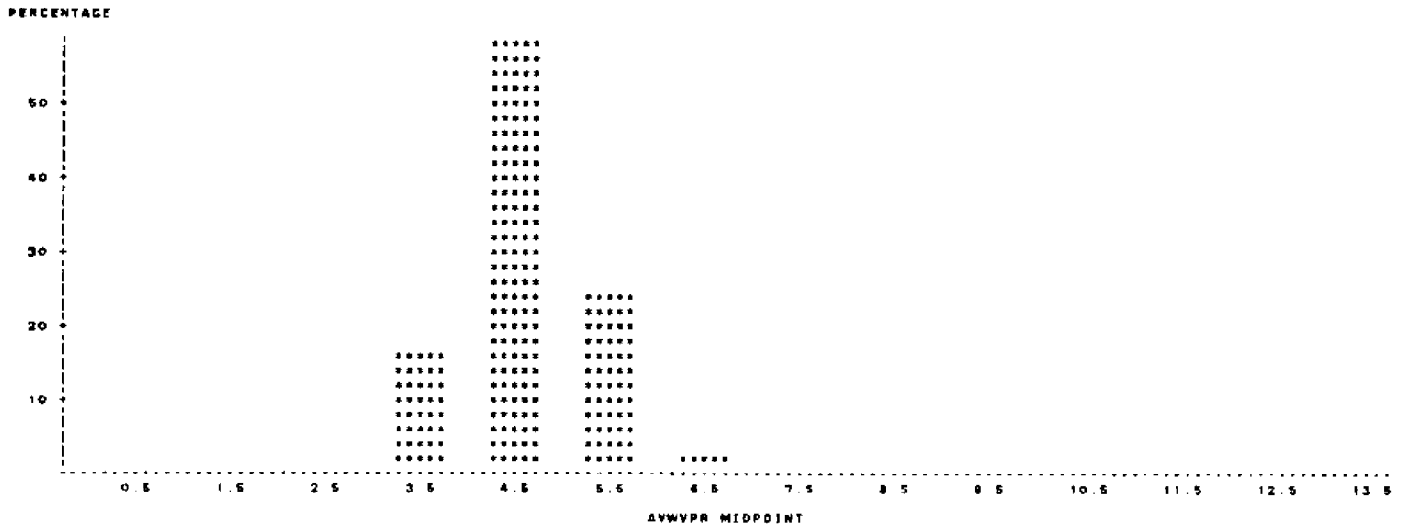


Fig. 2

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 OCTOBER 1980

TABLE OF AVWVPR BY SIGWVHT

AVWVPR	SIGWVHT						TOTAL
	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0		<=3.5
FREQUENCY							
PERCENT							
ROW PCT							
COL PCT							
<=3.0	1	1	0	0	0	0	2
	0.13	0.13	0.00	0.00	0.00	0.00	0.27
	50.00	50.00	0.00	0.00	0.00	0.00	0.00
	0.78	0.31	0.00	0.00	0.00	0.00	0.00
<=4.0	48	88	8	0	0	0	125
	5.58	9.14	1.08	0.00	0.00	0.00	16.80
	38.20	54.60	6.40	0.00	0.00	0.00	0.00
	37.88	21.25	4.21	0.00	0.00	0.00	0.00
<=5.0	78	214	83	48	8	0	428
	10.88	24.78	11.16	6.05	1.08	0.00	57.60
	18.22	50.00	18.18	10.81	1.87	0.00	0.00
	60.47	56.88	43.58	67.18	42.11	0.00	0.00
<=6.0	1	37	97	22	11	11	2
	0.13	4.87	13.04	2.88	1.48	1.48	0.27
	0.55	20.84	63.58	12.18	6.08	6.08	1.10
	0.78	11.58	51.05	32.84	57.88	58.75	66.67
<=7.0	0	0	2	0	0	5	1
	0.00	0.00	0.27	0.00	0.00	0.87	0.13
	0.00	0.00	28.00	0.00	0.00	82.50	12.60
	0.00	0.00	1.08	0.00	0.00	31.25	33.33
TOTAL	128	320	190	87	19	18	784
	17.34	43.01	25.54	9.01	2.56	2.15	0.40
							100.00

Table 2

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 OCTOBER 1960

PERCENTAGE BAR CHART

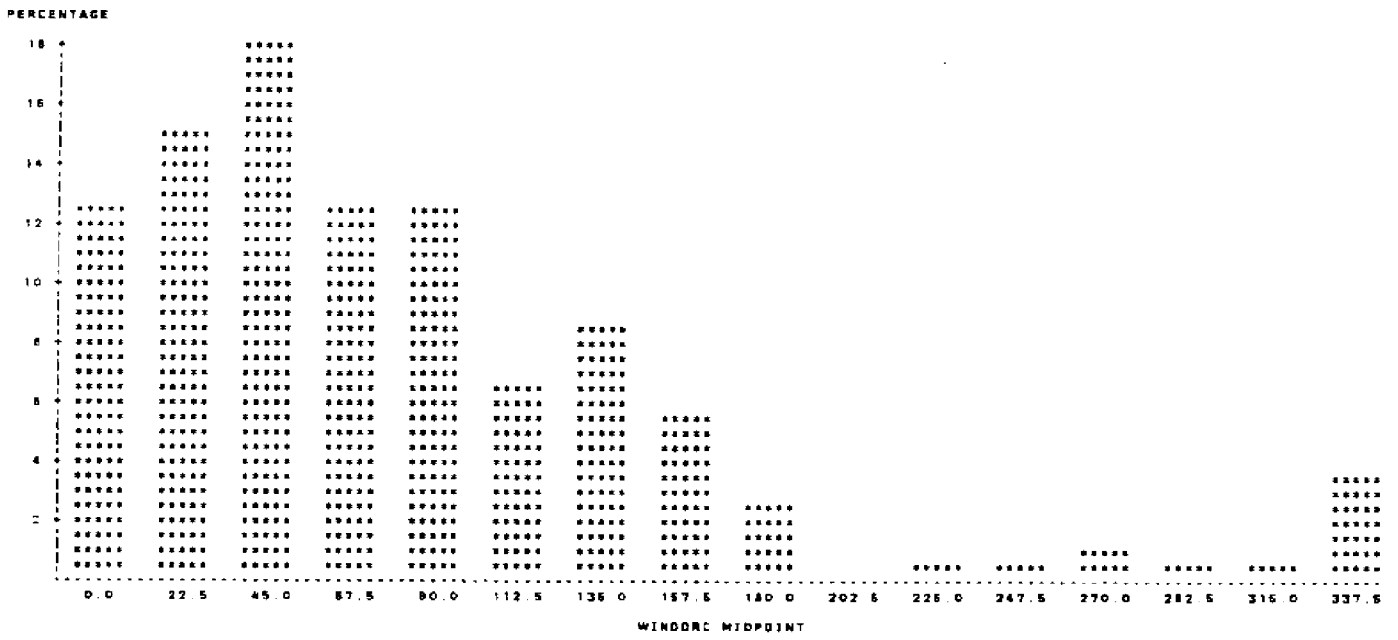


Fig. 3

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 OCTOBER 1960

PERCENTAGE BAR CHART

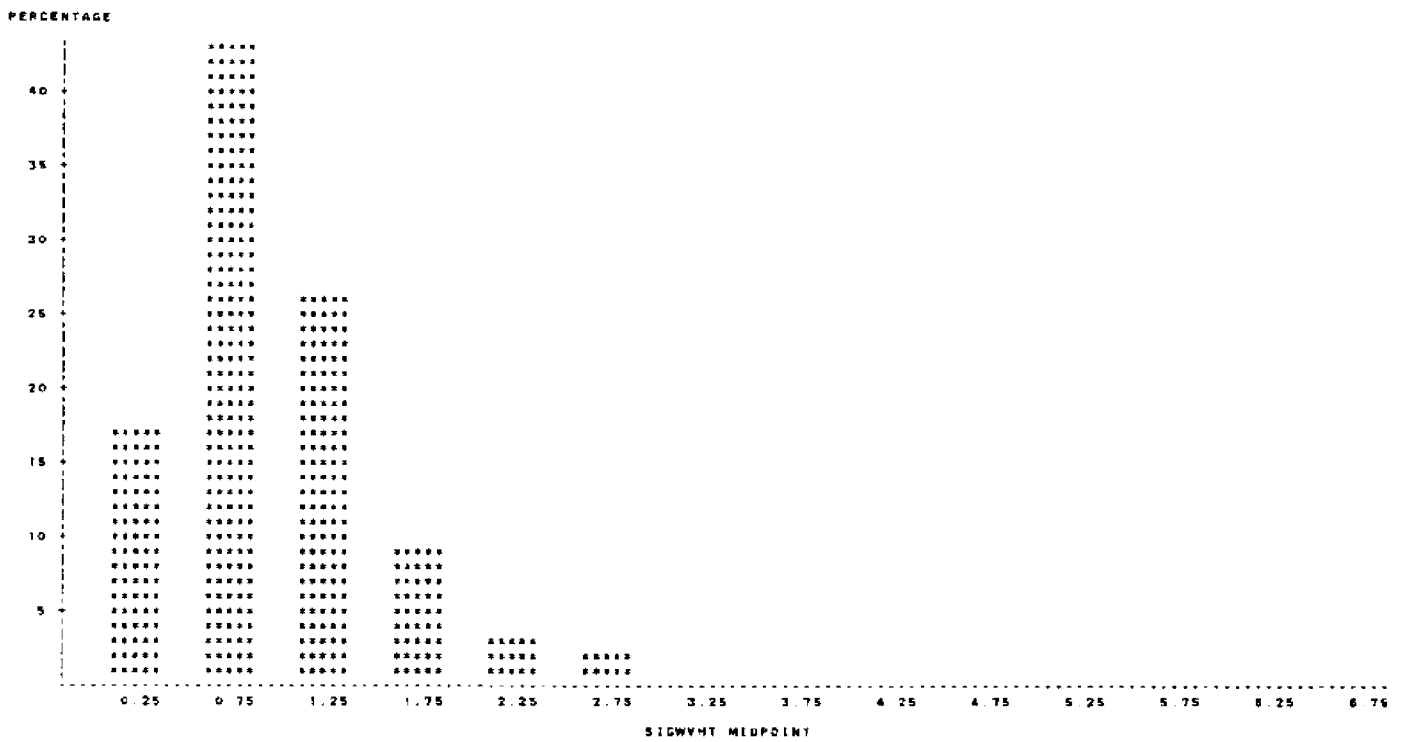


Fig. 4

DAILY STATISTICS
 BUOY #4200: OCTOBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	28.421	1.100	24.300	28.100
SEATEMP	24	28.878	0.141	28.400	28.800
WINDSPED	24	4.775	1.238	2.800	7.300
SIGWVHT	24	0.775	0.187	0.500	1.100
AVWVPR	24	3.817	0.710	3.100	5.200
----- DAY:2 -----					
AIRTEMP	24	26.287	0.870	25.800	27.000
SEATEMP	24	28.862	0.202	28.400	28.100
WINDSPED	24	3.871	1.178	2.200	5.300
SIGWVHT	24	0.887	0.221	0.300	1.000
AVWVPR	24	4.433	0.193	4.200	4.800
----- DAY:3 -----					
AIRTEMP	24	28.852	0.308	26.200	27.400
SEATEMP	24	28.382	0.161	28.200	28.700
WINDSPED	24	8.242	2.000	2.500	9.700
SIGWVHT	24	0.700	0.281	0.300	1.300
AVWVPR	24	3.587	0.381	3.100	4.400
----- DAY:4 -----					
AIRTEMP	24	25.467	0.358	24.800	25.900
SEATEMP	24	28.275	0.281	28.000	28.800
WINDSPED	24	5.154	2.218	3.100	9.500
SIGWVHT	24	1.242	0.265	0.800	1.700
AVWVPR	24	4.825	0.184	4.300	5.000
----- DAY:5 -----					
AIRTEMP	24	25.887	0.878	25.300	27.200
SEATEMP	24	28.254	0.200	28.000	28.800
WINDSPED	24	6.625	1.462	2.400	7.300
SIGWVHT	24	0.871	0.095	0.400	0.800
AVWVPR	24	3.875	0.588	3.100	4.800
----- DAY:6 -----					
AIRTEMP	24	25.404	0.809	24.700	26.800
SEATEMP	24	28.086	0.137	27.800	28.300
WINDSPED	24	8.387	0.502	7.200	8.200
SIGWVHT	24	1.283	0.286	0.500	1.500
AVWVPR	24	4.312	0.585	3.100	4.800

Table 3

DAILY STATISTICS
 BUOY #4200:1 OCTOBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	25.000	0.437	24.400	28.700
SEATEMP	24	28.046	0.125	27.800	28.200
WINDSPED	24	8.808	0.816	7.100	10.100
SIGWVHT	24	1.871	0.152	1.300	1.800
AVWVPR	24	4.833	0.214	4.500	5.200
----- DAY:8 -----					
AIRTEMP	24	25.187	0.173	24.800	25.800
SEATEMP	24	28.137	0.159	27.800	28.400
WINDSPED	24	6.333	1.388	3.900	8.000
SIGWVHT	24	1.375	0.099	1.200	1.800
AVWVPR	24	4.883	0.285	4.600	5.500
----- DAY:9 -----					
AIRTEMP	24	26.237	0.484	25.200	26.900
SEATEMP	24	28.204	0.137	28.100	28.500
WINDSPED	24	5.308	1.215	3.100	7.300
SIGWVHT	24	1.167	0.109	1.000	1.400
AVWVPR	24	5.250	0.287	4.500	5.900
----- DAY:10 -----					
AIRTEMP	24	25.421	0.172	25.100	26.700
SEATEMP	24	28.087	0.195	27.800	28.400
WINDSPED	24	5.242	1.248	3.500	7.300
SIGWVHT	24	0.842	0.206	0.800	1.300
AVWVPR	24	4.812	0.282	4.400	5.300
----- DAY:11 -----					
AIRTEMP	24	28.282	0.218	25.800	28.500
SEATEMP	24	28.067	0.228	27.800	28.500
WINDSPED	24	3.771	0.828	2.400	5.400
SIGWVHT	24	0.817	0.117	0.400	0.700
AVWVPR	24	4.412	0.183	3.800	4.600
----- DAY:12 -----					
AIRTEMP	24	26.300	0.431	25.800	27.100
SEATEMP	24	27.804	0.161	27.700	28.200
WINDSPED	24	4.428	1.198	2.500	6.400
SIGWVHT	24	0.537	0.156	0.400	0.800
AVWVPR	24	3.712	0.190	3.400	4.000

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 OCTOBER 1960

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	24.975	0.415	24.300	25.800
SEATEMP	24	27.842	0.188	27.800	28.300
WINDSPED	24	4.842	1.102	3.800	8.800
SIGWVHT	24	0.863	0.148	0.600	1.100
AVWVPR	24	4.446	0.298	4.100	5.000
----- DAY:14 -----					
AIRTEMP	24	25.050	0.630	24.300	26.200
SEATEMP	24	27.850	0.250	27.700	28.500
WINDSPED	24	3.408	1.354	0.900	5.200
SIGWVHT	24	0.537	0.058	0.400	0.800
AVWVPR	24	4.228	0.192	3.900	4.800
----- DAY:15 -----					
AIRTEMP	24	25.512	0.551	24.700	26.300
SEATEMP	24	27.925	0.330	27.800	28.800
WINDSPED	24	2.779	1.466	0.400	5.800
SIGWVHT	24	0.478	0.135	0.300	0.800
AVWVPR	24	4.429	0.571	4.000	5.700
----- DAY:16 -----					
AIRTEMP	24	26.771	0.739	26.800	27.800
SEATEMP	24	27.933	0.226	27.700	28.300
WINDSPED	24	4.382	0.957	3.300	6.500
SIGWVHT	24	0.912	0.225	0.700	1.400
AVWVPR	24	5.492	0.406	4.900	6.300
----- DAY:17 -----					
AIRTEMP	24	27.487	0.330	27.100	28.000
SEATEMP	24	27.883	0.200	27.800	28.400
WINDSPED	24	5.821	1.063	3.800	7.800
SIGWVHT	24	1.067	0.042	0.900	1.200
AVWVPR	24	5.282	0.281	5.000	5.800
----- DAY:18 -----					
AIRTEMP	24	27.362	0.252	27.000	27.800
SEATEMP	24	27.996	0.212	27.800	28.400
WINDSPED	24	4.527	0.806	1.700	6.800
SIGWVHT	24	0.748	0.125	0.600	1.000
AVWVPR	24	4.779	0.238	4.300	5.100

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	27.283	0.333	26.800	27.800
SEATEMP	24	28.021	0.211	27.800	28.400
WINDSPED	24	2.987	0.882	1.000	4.500
SIGWVHT	24	0.837	0.113	0.300	0.700
AVWVPR	24	4.583	0.096	4.400	4.900
----- DAY:20 -----					
AIRTEMP	24	26.504	0.395	25.800	27.200
SEATEMP	24	27.658	0.290	27.300	28.100
WINDSPED	24	5.348	1.612	2.800	8.500
SIGWVHT	24	0.687	0.223	0.300	1.100
AVWVPR	24	4.021	0.564	2.900	4.700
----- DAY:21 -----					
AIRTEMP	24	25.171	0.535	24.000	26.000
SEATEMP	24	27.392	0.158	27.200	27.700
WINDSPED	24	6.328	1.930	5.000	12.200
SIGWVHT	24	1.278	0.268	0.900	1.700
AVWVPR	24	4.529	0.274	4.200	5.100
----- DAY:22 -----					
AIRTEMP	24	25.852	0.444	24.200	27.000
SEATEMP	24	27.300	0.304	27.000	27.800
WINDSPED	24	4.646	2.907	1.100	8.300
SIGWVHT	24	0.692	0.185	0.400	0.900
AVWVPR	24	4.325	0.085	4.100	4.500
----- DAY:23 -----					
AIRTEMP	24	25.804	0.648	23.800	26.500
SEATEMP	24	27.208	0.150	26.800	27.400
WINDSPED	23	5.530	1.085	3.100	7.500
SIGWVHT	24	0.658	0.204	0.400	1.000
AVWVPR	24	3.982	0.588	3.100	4.900
----- DAY:24 -----					
AIRTEMP	24	26.025	0.257	25.800	26.500
SEATEMP	24	27.183	0.185	26.800	27.700
WINDSPED	24	4.208	0.735	3.000	5.400
SIGWVHT	24	0.783	0.206	0.600	1.200
AVWVPR	24	4.887	0.238	4.600	5.400

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 OCTOBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	24.178	1.448	22.300	25.200
SEATEMP	24	26.817	0.183	26.400	27.100
WINDSPED	24	8.208	1.277	5.000	10.500
SIGWVHT	24	1.383	0.471	0.800	2.100
AVWVPR	24	4.208	0.725	3.200	5.300
----- DAY:26 -----					
AIRTEMP	24	22.871	1.086	21.900	25.000
SEATEMP	24	26.562	0.372	26.200	27.200
WINDSPED	24	6.482	0.895	4.800	7.800
SIGWVHT	24	1.125	0.331	0.800	1.700
AVWVPR	24	4.771	0.371	4.300	5.300
----- DAY:27 -----					
AIRTEMP	24	25.737	0.537	24.900	26.600
SEATEMP	24	26.546	0.136	26.300	26.600
WINDSPED	24	8.271	1.006	6.500	10.000
SIGWVHT	24	1.087	0.235	0.700	1.500
AVWVPR	24	4.882	0.357	4.300	5.400
----- DAY:28 -----					
AIRTEMP	24	27.071	0.407	26.600	27.700
SEATEMP	24	28.717	0.456	28.400	29.600
WINDSPED	24	6.400	1.735	2.600	8.600
SIGWVHT	24	1.287	0.054	1.200	1.400
AVWVPR	24	5.404	0.133	5.200	5.700
----- DAY:29 -----					
AIRTEMP	24	25.746	1.118	22.800	27.000
SEATEMP	24	28.842	0.366	28.200	29.400
WINDSPED	24	8.448	2.887	8.400	14.400
SIGWVHT	24	1.854	0.473	1.200	2.800
AVWVPR	24	5.521	0.450	4.100	6.000
----- DAY:30 -----					
AIRTEMP	24	22.708	1.127	20.900	24.800
SEATEMP	24	26.392	0.166	26.700	26.900
WINDSPED	24	11.158	0.980	9.300	13.200
SIGWVHT	24	2.692	0.269	2.200	3.200
AVWVPR	24	5.642	0.481	4.800	6.400

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	21.837	0.381	21.300	22.400
SEATEMP	24	25.842	0.136	25.600	26.300
WINDSPED	24	9.150	0.941	7.800	11.200
SIGWVHT	24	1.842	0.189	1.600	2.200
AVWVPR	24	4.948	0.234	4.500	5.400

Table 3 (continue)

42001 NOVEMBER 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 NOVEMBER 1980

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	720	22.309	2.493	15.900	25.900	9.000	-0.713	-0.781
SEATEMP	720	24.780	0.722	23.300	26.300	3.000	-0.334	-0.925
BAROMTR	720	1018.080	4.246	1009.300	1026.300	17.000	0.030	-0.981
WINDSPED	720	7.517	3.704	0.500	19.700	19.200	0.874	0.145
WINDDRG	720	125.316	106.391	0.100	358.900	358.800	1.060	-0.254
SIGWVHT	720	1.720	1.344	0.300	6.600	6.300	1.843	3.258
AVWVPR	720	5.295	1.250	3.200	8.800	5.600	0.980	0.250

Table 1

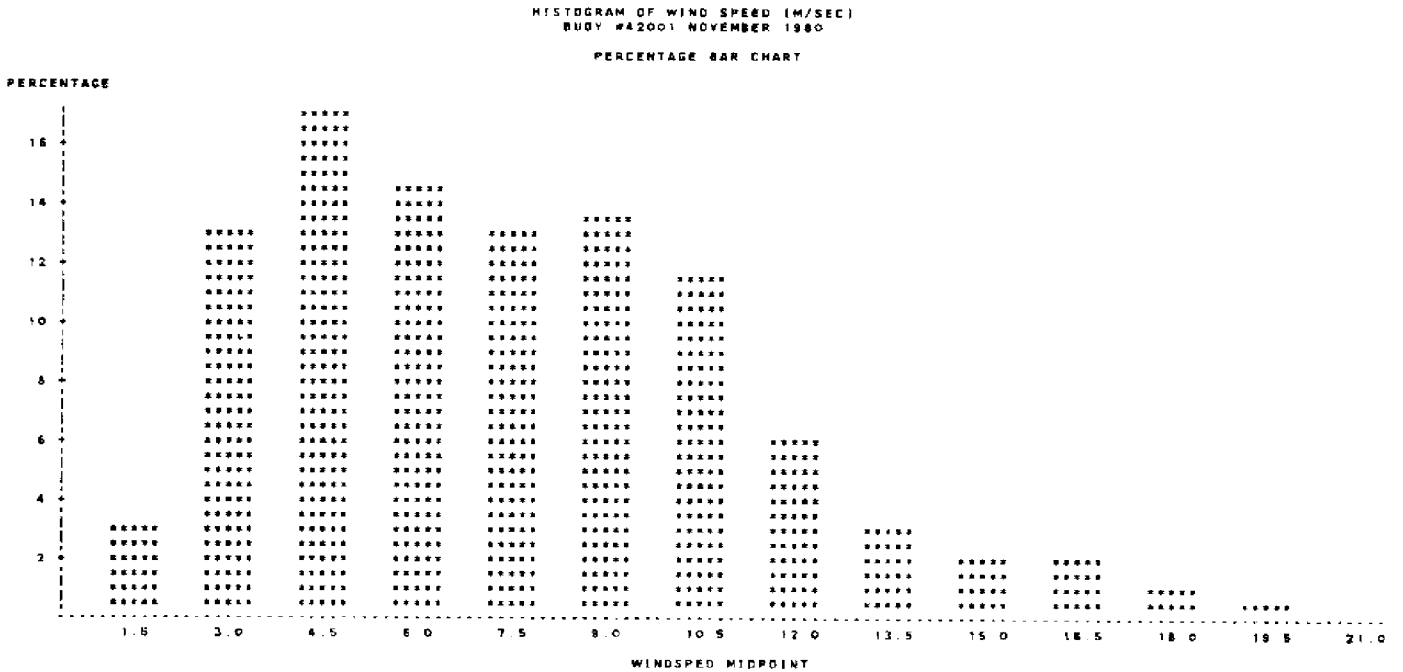


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 NOVEMBER 1980

PERCENTAGE BAR CHART

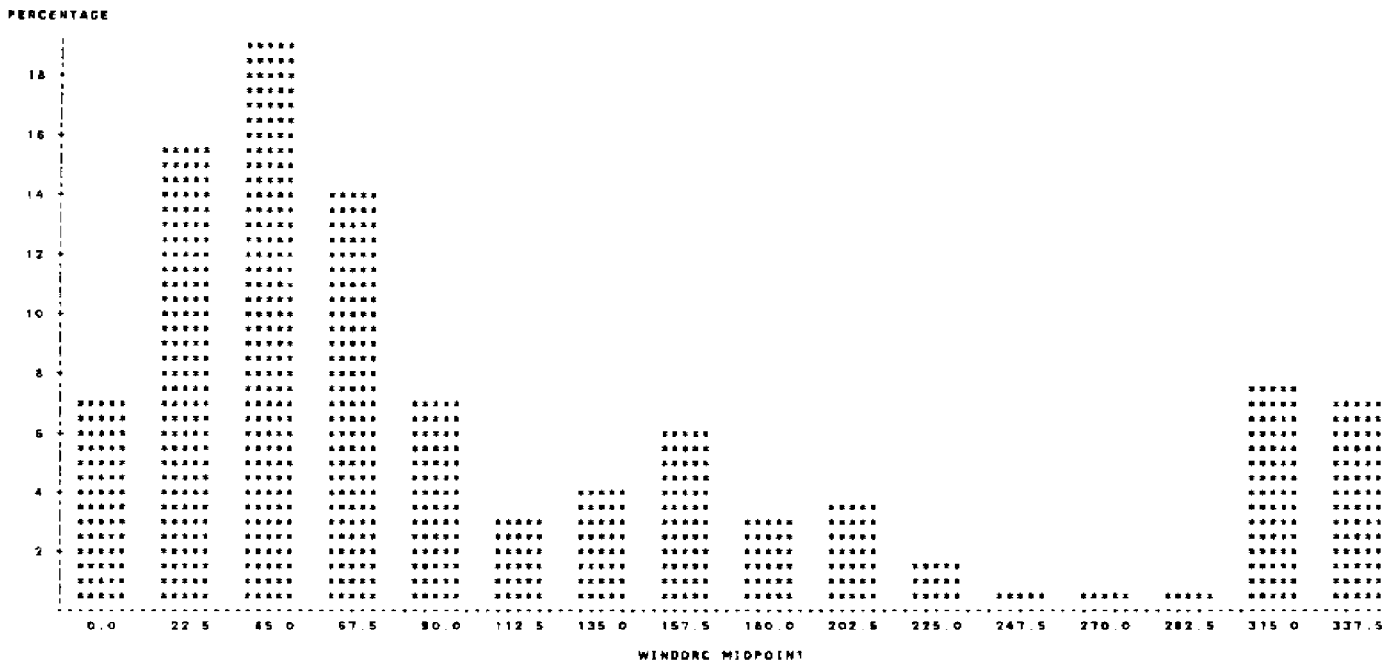


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 NOVEMBER 1980

PERCENTAGE BAR CHART

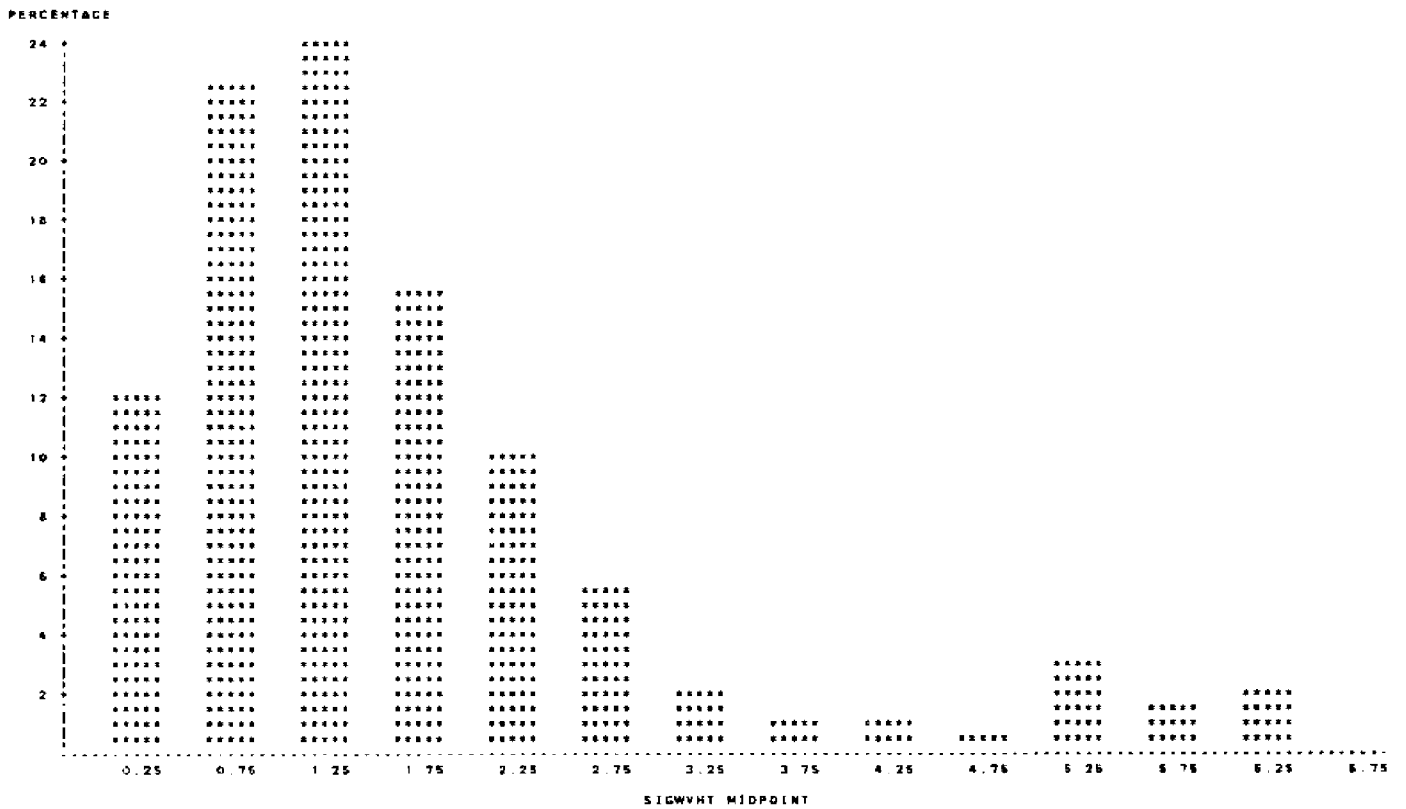


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 NOVEMBER 1980

PERCENTAGE BAR CHART

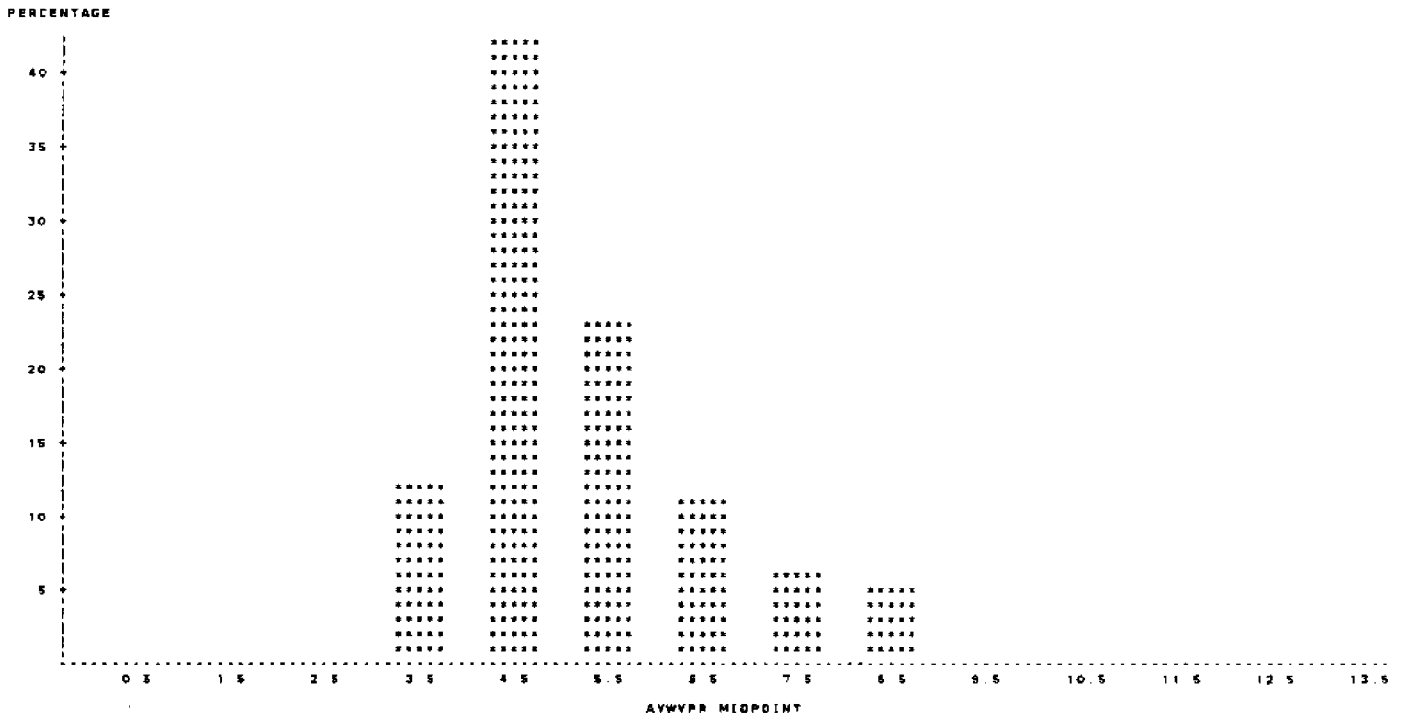


Fig. 3

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 NOVEMBER 1980

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT							TOTAL
	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	
	FREQUENCY							
	PERCENT							
	ROW PCT							
	COL PCT							
<=4.0	38	48	1	0	0	0	0	88
	5.42	6.87	0.14	0.00	0.00	0.00	0.00	12.22
	44.32	54.55	1.14	0.00	0.00	0.00	0.00	
	45.88	29.81	0.97	0.00	0.00	0.00	0.00	
<=5.0	48	89	130	37	0	0	0	303
	5.39	12.38	18.06	5.18	0.14	0.00	0.00	42.08
	15.18	28.37	42.80	12.21	0.33	0.00	0.00	
	54.12	55.28	74.71	33.33	1.37	0.00	0.00	
<=6.0	0	24	27	83	49	4	0	167
	0.00	3.33	3.78	8.76	6.81	0.58	0.00	23.19
	0.00	14.37	18.17	37.72	29.34	2.40	0.00	
	0.00	14.91	15.52	58.76	87.12	10.53	0.00	
<=7.0	0	0	16	11	12	28	3	78
	0.00	0.00	2.22	1.53	1.67	3.89	1.26	10.83
	0.00	0.00	20.51	14.10	15.38	38.90	11.64	
	0.00	0.00	9.20	9.91	15.44	73.68	80.00	
<=8.0	0	0	0	0	11	6	6	45
	0.00	0.00	0.00	0.00	1.53	0.83	0.83	5.25
	0.00	0.00	0.00	0.00	24.64	13.33	13.33	
	0.00	0.00	0.00	0.00	15.07	15.79	40.00	
<=9.0	0	0	0	0	0	0	0	38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL	85	151	174	111	73	38	15	720
	11.81	22.36	24.17	15.42	10.14	5.28	2.08	100.00

Table 2

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 NOVEMBER 1980

TABLE OF AVWVPR BY SIGWYHT

AVWVPR	SIGWYHT	FREQUENCY							TOTAL
		<=4.0	<=4.5	<=5.0	<=5.5	<=6.0	<=6.5	<=7.0	
0	0	0	0	0	0	0	0	0	88
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.22
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0	0	0	0	0	0	0	0	0	303
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0	0	0	0	0	0	0	0	0	157
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.14
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	0	0	0	0	0	0	0	0	76
0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.83
2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
28.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6	4	0	0	0	0	0	0	0	45
0.83	0.56	0.00	0.00	0.25	0.28	0.14	0.00	0.00	6.25
13.33	8.67	0.00	0.00	20.00	4.44	2.22	0.00	0.00	
75.00	56.67	0.00	0.00	45.00	18.18	7.14	0.00	0.00	
0	2	3	11	9	13	1	1	1	38
0.00	0.28	0.42	1.53	1.25	1.81	0.14	0.14	0.14	5.42
0.00	5.13	7.69	28.21	23.08	33.33	2.56	0.00	0.00	
0.00	33.33	100.00	55.00	81.82	92.88	100.00	0.00	0.00	
TOTAL	8	6	3	20	11	14			720
	1.11	0.83	0.42	2.78	1.53	1.84	0.14		100.00

Table 2 (continue)

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
DAY:1					
AIRTEMP	24	22.412	0.526	21.600	23.400
SEATEMP	24	26.800	0.162	26.600	26.100
WINDSPED	24	6.925	0.894	5.600	8.700
SIGWYHT	24	1.333	0.263	1.000	1.800
AVWVPR	24	4.867	0.183	4.200	4.900
DAY:2					
AIRTEMP	24	23.137	0.381	22.700	23.800
SEATEMP	24	25.678	0.188	25.500	26.100
WINDSPED	24	4.400	1.083	3.000	5.500
SIGWYHT	24	0.783	0.113	0.600	1.000
AVWVPR	24	4.337	0.295	3.800	4.800
DAY:3					
AIRTEMP	24	24.717	0.715	23.600	26.800
SEATEMP	24	25.675	0.281	25.500	26.300
WINDSPED	24	3.228	1.058	1.000	4.800
SIGWYHT	24	0.537	0.048	0.500	0.800
AVWVPR	24	4.300	0.206	3.800	4.500
DAY:4					
AIRTEMP	24	24.492	0.178	24.100	24.800
SEATEMP	24	25.250	0.106	25.100	25.400
WINDSPED	24	7.296	2.041	4.400	10.200
SIGWYHT	24	1.037	0.341	0.600	1.700
AVWVPR	24	4.392	0.332	3.700	5.000
DAY:5					
AIRTEMP	24	23.512	0.573	22.000	24.100
SEATEMP	24	25.146	0.102	25.000	25.400
WINDSPED	24	5.171	1.021	4.500	7.700
SIGWYHT	24	1.808	0.118	1.400	1.800
AVWVPR	24	4.850	0.217	4.600	5.400
DAY:6					
AIRTEMP	24	22.000	0.745	21.000	23.000
SEATEMP	24	24.958	0.134	24.800	25.200
WINDSPED	24	5.817	0.736	5.800	6.300
SIGWYHT	24	1.346	0.189	1.100	1.700
AVWVPR	24	4.675	0.245	4.300	5.200

Table 3

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	22.942	0.550	22.300	23.600
SEATEMP	24	25.300	0.355	24.900	25.900
WINDSPED	24	4.498	1.082	3.000	6.900
SIGWVHT	24	0.737	0.181	0.500	1.100
AVWVPR	24	4.712	0.192	3.900	4.500
----- DAY:8 -----					
AIRTEMP	24	23.633	0.376	23.000	24.200
SEATEMP	24	25.608	0.269	25.400	26.100
WINDSPED	24	3.292	1.065	0.500	4.800
SIGWVHT	24	0.354	0.088	0.300	0.500
AVWVPR	24	3.892	0.355	3.200	4.500
----- DAY:9 -----					
AIRTEMP	24	24.155	0.880	23.200	25.600
SEATEMP	24	25.537	0.088	25.400	25.700
WINDSPED	24	5.400	1.774	2.500	8.500
SIGWVHT	24	0.658	0.280	0.300	1.000
AVWVPR	24	4.225	0.401	3.300	4.900
----- DAY:10 -----					
AIRTEMP	24	24.800	0.135	24.500	25.100
SEATEMP	24	25.582	0.049	25.500	25.600
WINDSPED	24	10.000	1.159	7.800	12.000
SIGWVHT	24	1.704	0.809	1.100	2.900
AVWVPR	24	4.928	0.613	4.200	5.200
----- DAY:11 -----					
AIRTEMP	24	24.858	0.430	23.300	25.500
SEATEMP	24	25.487	0.034	25.400	25.500
WINDSPED	24	13.033	1.228	10.800	15.500
SIGWVHT	24	4.412	1.073	2.900	5.100
AVWVPR	24	7.504	0.858	5.100	8.800
----- DAY:12 -----					
AIRTEMP	24	23.487	0.917	21.400	24.500
SEATEMP	24	25.325	0.085	25.100	25.400
WINDSPED	24	16.879	1.543	13.600	18.700
SIGWVHT	24	5.925	0.431	5.200	6.500
AVWVPR	24	8.221	0.331	7.700	8.800

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	24.896	0.550	22.300	25.500
SEATEMP	24	25.117	0.078	25.000	25.300
WINDSPED	24	12.108	3.470	6.500	17.600
SIGWVHT	24	4.875	0.950	3.800	6.800
AVWVPR	24	8.100	0.292	7.800	8.700
----- DAY:14 -----					
AIRTEMP	24	24.771	0.165	24.500	25.200
SEATEMP	24	25.071	0.081	25.000	25.200
WINDSPED	24	4.383	2.134	1.600	8.500
SIGWVHT	24	2.562	0.349	2.100	3.300
AVWVPR	24	7.258	0.228	6.700	7.700
----- DAY:15 -----					
AIRTEMP	24	24.596	0.588	23.900	25.700
SEATEMP	24	25.325	0.467	25.000	26.300
WINDSPED	24	3.012	1.232	0.900	4.800
SIGWVHT	24	1.506	0.311	1.200	2.300
AVWVPR	24	6.487	0.215	6.100	7.000
----- DAY:16 -----					
AIRTEMP	24	24.312	0.323	23.800	24.800
SEATEMP	24	25.092	0.319	24.700	25.600
WINDSPED	24	3.188	0.987	0.800	4.700
SIGWVHT	24	0.825	0.188	0.600	1.200
AVWVPR	24	5.650	0.228	5.200	6.000
----- DAY:17 -----					
AIRTEMP	24	24.037	0.508	23.300	25.100
SEATEMP	24	24.829	0.120	24.700	25.200
WINDSPED	24	5.779	3.218	3.200	12.600
SIGWVHT	24	0.725	0.408	0.500	1.800
AVWVPR	24	4.750	0.301	3.900	5.100
----- DAY:18 -----					
AIRTEMP	24	20.450	1.308	18.800	23.300
SEATEMP	24	24.867	0.113	24.400	24.800
WINDSPED	24	10.650	0.741	8.700	11.800
SIGWVHT	24	2.437	0.197	1.800	2.700
AVWVPR	24	5.925	0.269	5.100	6.300

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	18.112	0.386	17.300	18.700
SEATEMP	24	24.237	0.077	24.100	24.400
WINDSPED	24	7.950	1.098	5.800	10.100
SIGWVHT	24	1.746	0.283	1.300	2.300
AYWVPR	24	5.286	0.515	4.500	6.000
----- DAY:20 -----					
AIRTEMP	24	17.829	0.711	16.900	18.900
SEATEMP	24	24.179	0.189	24.000	24.500
WINDSPED	24	5.846	0.861	4.700	7.600
SIGWVHT	24	0.858	0.184	0.700	1.200
AYWVPR	24	4.287	0.393	3.800	4.700
----- DAY:21 -----					
AIRTEMP	24	19.708	0.601	18.900	20.600
SEATEMP	24	24.298	0.036	24.200	24.400
WINDSPED	24	6.817	1.411	5.300	8.000
SIGWVHT	24	0.787	0.226	0.800	1.300
AYWVPR	24	3.904	0.137	3.700	4.200
----- DAY:22 -----					
AIRTEMP	24	22.400	1.048	21.100	24.200
SEATEMP	24	24.326	0.061	24.100	24.300
WINDSPED	24	9.000	1.424	6.600	10.900
SIGWVHT	24	1.417	0.124	1.200	1.800
AYWVPR	24	4.812	0.180	4.200	4.900
----- DAY:23 -----					
AIRTEMP	24	23.800	1.132	21.100	24.700
SEATEMP	24	24.183	0.086	23.800	24.300
WINDSPED	24	7.821	2.488	2.800	11.300
SIGWVHT	24	1.858	0.093	1.600	1.800
AYWVPR	24	5.604	0.368	5.000	6.300
----- DAY:24 -----					
AIRTEMP	24	22.142	0.665	20.700	23.400
SEATEMP	24	24.375	0.079	24.200	24.600
WINDSPED	24	7.417	2.928	2.500	16.100
SIGWVHT	24	1.333	0.189	1.100	1.700
AYWVPR	24	5.217	0.486	4.500	6.100

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	21.596	0.296	21.200	22.200
SEATEMP	24	24.158	0.088	24.100	24.800
WINDSPED	24	9.982	1.552	7.700	12.600
SIGWVHT	24	1.492	0.357	1.200	2.400
AYWVPR	24	4.858	0.232	4.600	5.800
----- DAY:26 -----					
AIRTEMP	24	22.846	1.467	20.100	24.600
SEATEMP	24	24.133	0.048	24.100	24.200
WINDSPED	24	10.521	3.272	5.000	15.800
SIGWVHT	24	2.087	0.310	1.600	2.500
AYWVPR	24	5.450	0.338	4.800	6.200
----- DAY:27 -----					
AIRTEMP	24	18.875	0.940	17.800	20.600
SEATEMP	24	23.883	0.176	23.500	24.200
WINDSPED	24	11.004	1.679	8.000	14.400
SIGWVHT	24	2.748	0.361	2.000	3.300
AYWVPR	24	6.325	0.540	5.200	6.500
----- DAY:28 -----					
AIRTEMP	24	18.246	0.508	17.400	18.400
SEATEMP	24	23.578	0.041	23.500	23.800
WINDSPED	24	10.417	1.830	6.800	18.300
SIGWVHT	24	2.292	0.383	1.700	2.900
AYWVPR	24	5.867	0.464	5.000	6.800
----- DAY:29 -----					
AIRTEMP	24	17.450	0.523	17.000	18.400
SEATEMP	24	23.433	0.176	23.300	23.800
WINDSPED	24	5.217	0.972	3.700	8.500
SIGWVHT	24	1.325	0.507	0.700	2.400
AYWVPR	24	5.325	0.488	4.400	6.400
----- DAY:30 -----					
AIRTEMP	24	19.054	1.043	18.000	21.000
SEATEMP	24	23.483	0.197	23.300	23.800
WINDSPED	24	8.517	1.432	1.400	7.200
SIGWVHT	24	0.512	0.108	0.400	0.700
AYWVPR	24	3.842	0.387	3.200	4.500

Table 3 (continue)

42001 DECEMBER 1980

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 DECEMBER 1980

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BARDMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	740	20.440	2.526	14.400	24.800	10.000	-0.486	-0.877
SEATEMP	740	23.444	0.982	21.800	25.000	4.200	0.414	-0.249
BARDMTR	740	1021.433	2.781	1022.000	1024.100	16.100	-0.433	0.585
WINDSPED	740	6.748	2.753	0.100	14.400	14.300	0.255	-0.336
WINDDRG	737	125.002	108.177	0.200	300.000	359.800	1.035	-0.204
SIGWVHT	691	1.230	0.597	0.300	2.800	3.200	0.854	0.782
AVWVPR	691	4.852	0.712	3.300	6.800	3.500	0.036	-0.754

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 DECEMBER 1980
 PERCENTAGE BAR CHART

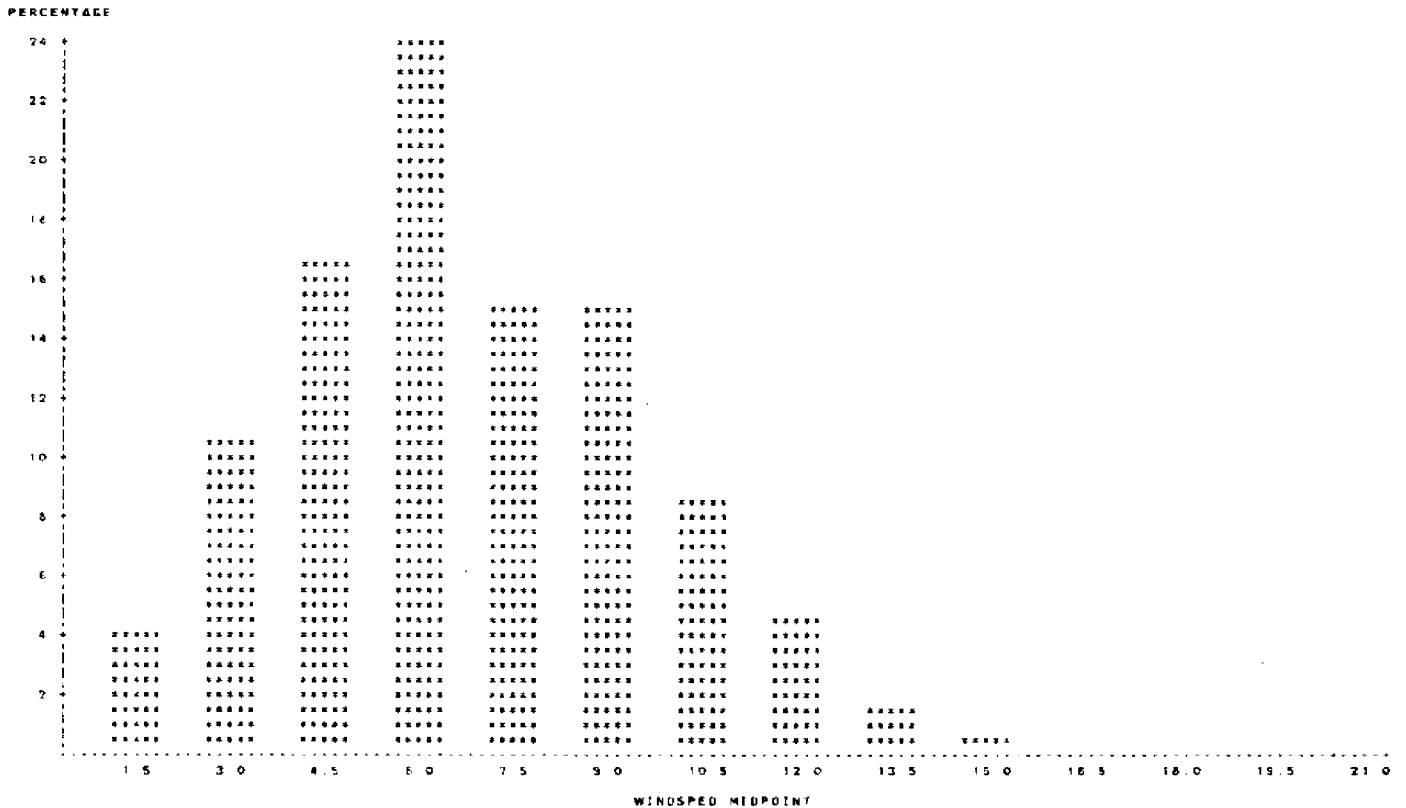


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 DECEMBER 1980

PERCENTAGE BAR CHART

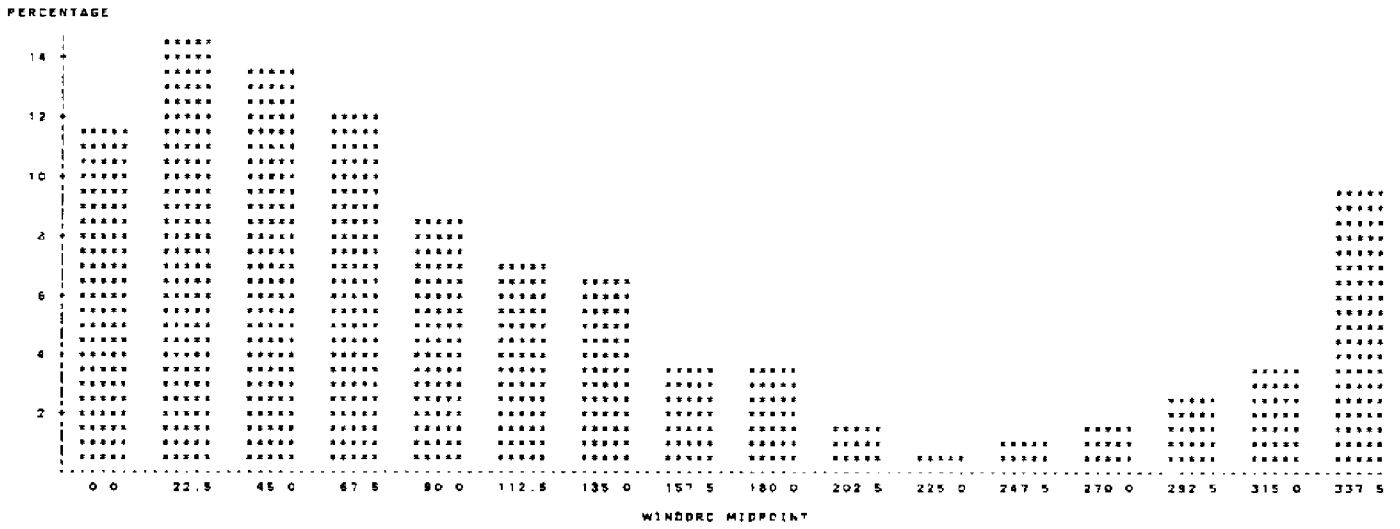


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 DECEMBER 1980

PERCENTAGE BAR CHART

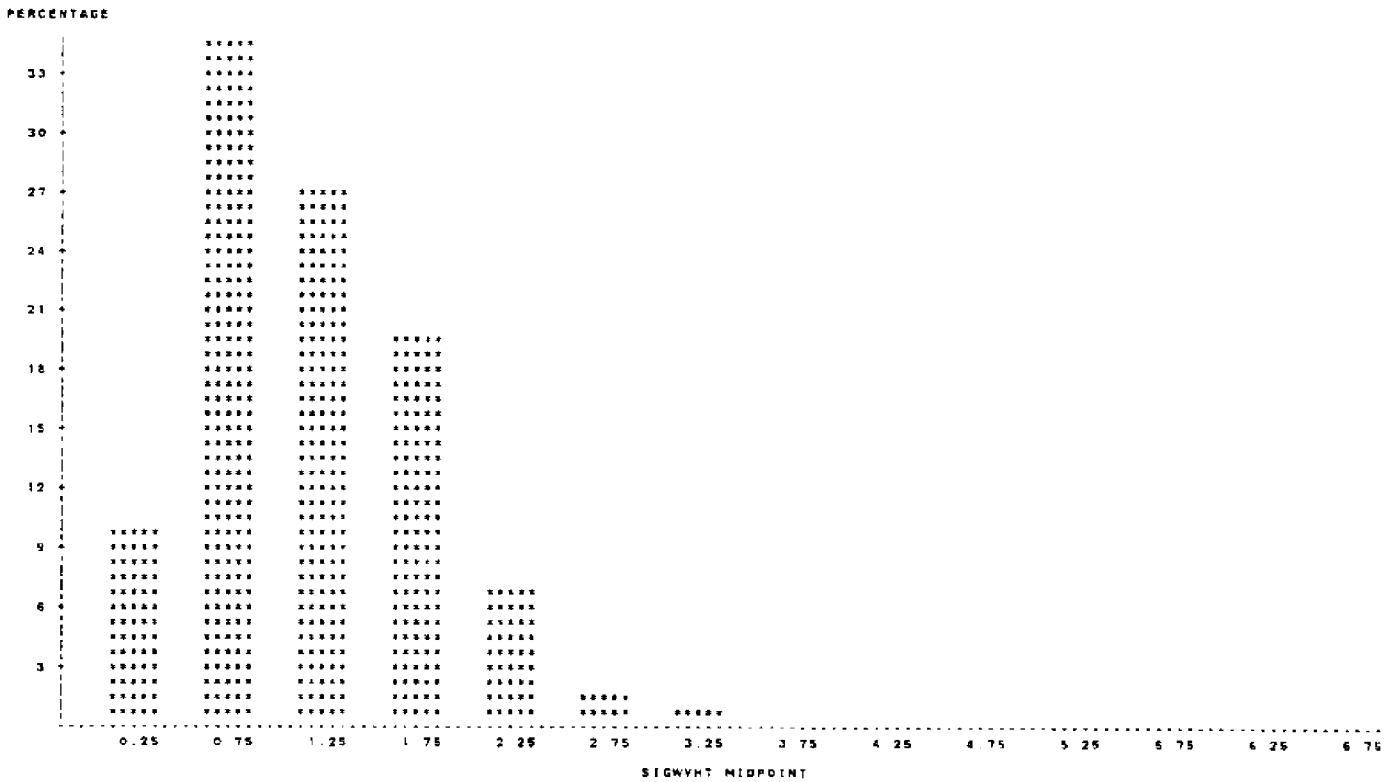


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 DECEMBER 1980

PERCENTAGE BAR CHART

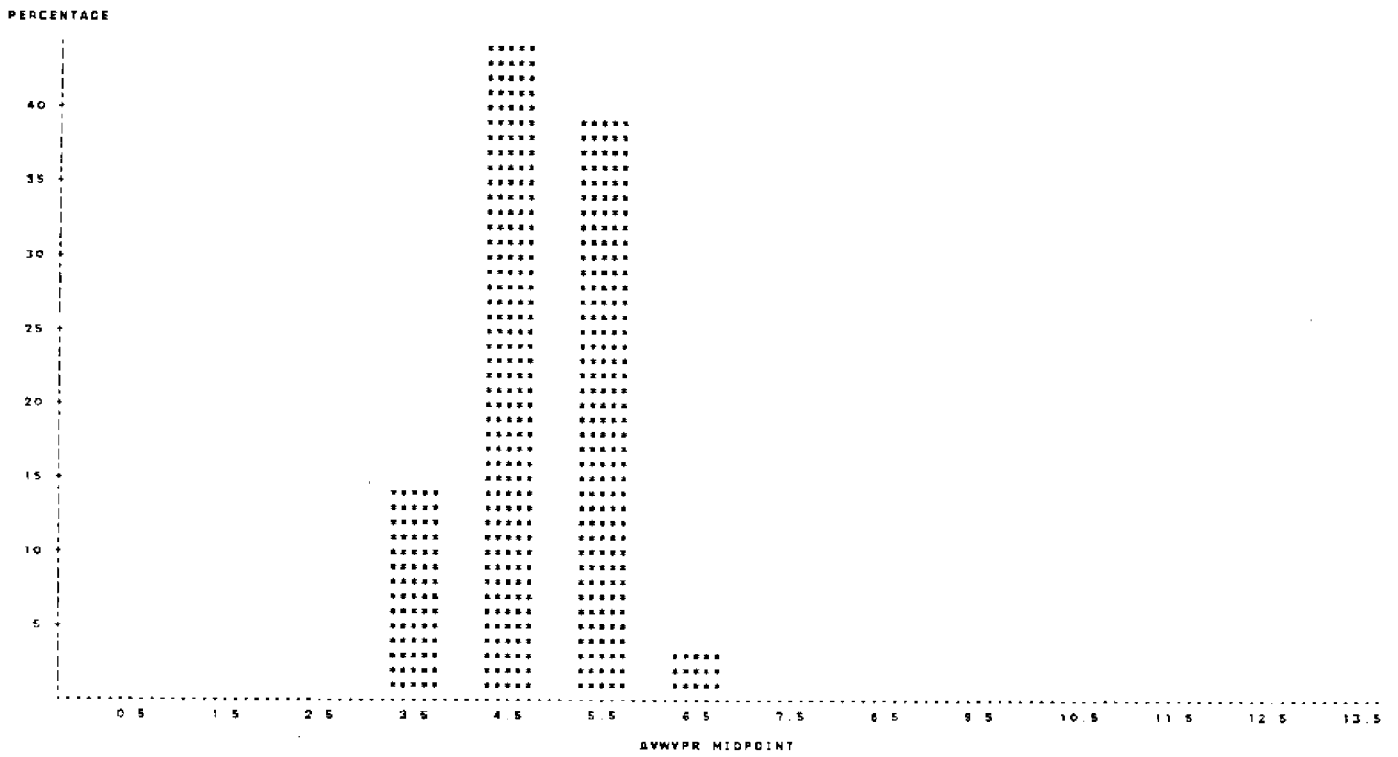


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 DECEMBER 1980

TABLE OF AVWVPR BY SIGWVHT

AVWVPR	SIGWVHT	SIGNIFICANT HEIGHTS							TOTAL	
		<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5		
		53	0	0	0	0	0	0		
<=4.0		0	34 4.82 34.34 51.52	54 9.26 64.85 27.12	0 0.14 1.01 0.53	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	39 14.33	
<=5.0		0	32 4.53 10.53 48.48	148 21.42 48.17 82.71	83 12.46 30.80 49.21	27 3.91 8.97 20.00	1 0.14 0.33 2.04	0 0.00 0.00 0.00	301 43.56	
<=6.0		0	0 0.00 0.00 0.00	24 3.47 8.96 10.17	85 13.75 35.45 50.25	106 15.34 38.55 78.52	40 5.79 16.83 81.83	2 0.29 0.75 22.22	1 0.14 0.37 14.29	268 28.78
<=7.0		0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	2 0.28 8.70 1.48	8 1.16 34.78 18.33	7 1.01 30.83 77.18	6 0.87 26.09 88.71	23 3.33
TOTAL			86 9.55	236 34.15	189 27.35	135 19.54	48 7.08	8 1.10	7 1.01	691 100.00

Table 2

DAILY STATISTICS
 BUDY #42001 DECEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	22.300	0.842	20.700	23.500
SEATEMP	24	23.733	0.181	23.500	24.100
WINDSPED	24	6.404	0.547	5.500	7.500
SIGWVHT	24	0.729	0.088	0.500	0.900
AVWVPR	24	3.533	0.278	3.300	4.200
----- DAY:2 -----					
AIRTEMP	24	23.187	0.250	22.800	23.800
SEATEMP	24	23.750	0.257	23.500	24.300
WINDSPED	24	4.975	2.175	1.500	7.800
SIGWVHT	24	0.721	0.114	0.500	0.900
AVWVPR	24	4.371	0.489	3.800	5.100
----- DAY:3 -----					
AIRTEMP	24	22.804	0.123	22.800	23.300
SEATEMP	24	23.626	0.111	23.500	23.800
WINDSPED	24	7.187	0.898	5.500	9.100
SIGWVHT	24	0.892	0.088	0.500	1.000
AVWVPR	24	4.121	0.204	3.800	4.400
----- DAY:4 -----					
AIRTEMP	24	22.208	0.255	21.900	22.700
SEATEMP	24	23.500	0.083	23.400	23.600
WINDSPED	24	8.346	1.024	6.500	9.500
SIGWVHT	24	1.478	0.178	1.100	1.700
AVWVPR	24	4.804	0.446	4.000	5.500
----- DAY:5 -----					
AIRTEMP	24	22.904	0.840	22.000	23.800
SEATEMP	24	23.454	0.177	23.300	23.800
WINDSPED	24	6.679	1.294	4.400	9.000
SIGWVHT	24	1.142	0.058	1.000	1.200
AVWVPR	24	4.683	0.333	4.200	5.200
----- DAY:6 -----					
AIRTEMP	24	23.487	0.635	21.800	24.400
SEATEMP	24	23.487	0.118	23.300	23.700
WINDSPED	24	6.712	1.235	4.500	9.800
SIGWVHT	24	1.417	0.190	1.100	1.700
AVWVPR	24	5.171	0.253	4.500	5.500

Table 3

DAILY STATISTICS
 BUDY #42001 DECEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	23.575	0.455	22.400	24.100
SEATEMP	24	23.287	0.090	23.200	23.500
WINDSPED	24	8.433	0.915	6.700	9.700
SIGWVHT	24	1.721	0.187	1.400	2.100
AVWVPR	24	5.300	0.289	4.700	5.700
----- DAY:8 -----					
AIRTEMP	24	23.658	0.287	23.400	24.100
SEATEMP	24	23.196	0.133	23.000	23.400
WINDSPED	24	7.700	1.582	4.300	10.600
SIGWVHT	24	1.733	0.143	1.500	2.000
AVWVPR	24	5.800	0.202	5.100	6.000
----- DAY:9 -----					
AIRTEMP	24	23.554	0.213	23.300	23.800
SEATEMP	24	23.321	0.189	23.100	23.600
WINDSPED	24	5.467	1.083	3.800	7.600
SIGWVHT	24	1.421	0.135	1.100	1.700
AVWVPR	24	5.621	0.183	5.200	5.900
----- DAY:10 -----					
AIRTEMP	24	22.782	0.726	21.300	24.000
SEATEMP	24	23.408	0.138	23.100	23.700
WINDSPED	24	4.475	2.299	1.700	8.500
SIGWVHT	24	1.029	0.100	0.800	1.200
AVWVPR	24	5.437	0.404	4.500	5.800
----- DAY:11 -----					
AIRTEMP	24	19.429	0.916	18.000	21.800
SEATEMP	24	23.279	0.141	23.000	23.400
WINDSPED	24	8.808	0.725	8.700	11.800
SIGWVHT	24	1.567	0.204	1.100	1.900
AVWVPR	24	5.175	0.303	4.300	5.500
----- DAY:12 -----					
AIRTEMP	24	18.854	0.704	17.500	19.800
SEATEMP	24	23.308	0.118	23.200	23.500
WINDSPED	24	5.833	1.004	4.300	6.400
SIGWVHT	24	1.062	0.318	0.700	1.700
AVWVPR	24	4.771	0.365	4.300	5.400

Table 3 (continue)

DAILY STATISTICS
 BUOY #43001 DECEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	20.037	0.502	19.500	20.500
SEATEMP	24	23.337	0.180	23.200	23.500
WINDSPED	24	4.329	1.140	3.000	6.200
SIGWVHT	24	0.821	0.086	0.500	0.700
AVWVPR	24	4.875	0.230	4.100	4.800
----- DAY:14 -----					
AIRTEMP	24	20.304	0.197	20.000	20.600
SEATEMP	24	23.471	0.218	23.200	23.800
WINDSPED	24	5.287	0.818	3.800	6.500
SIGWVHT	24	0.837	0.086	0.500	0.700
AVWVPR	24	4.117	0.183	3.800	4.400
----- DAY:15 -----					
AIRTEMP	24	20.162	0.212	19.800	20.500
SEATEMP	24	23.367	0.186	23.200	23.700
WINDSPED	24	2.812	1.266	0.100	5.000
SIGWVHT	24	0.408	0.078	0.300	0.600
AVWVPR	24	6.132	0.137	3.800	4.300
----- DAY:16 -----					
AIRTEMP	24	21.028	0.847	19.800	22.500
SEATEMP	24	24.052	0.328	23.500	24.400
WINDSPED	24	6.150	3.255	3.800	12.700
SIGWVHT	24	0.917	0.851	0.400	2.300
AVWVPR	24	4.342	0.657	3.500	5.800
----- DAY:17 -----					
AIRTEMP	24	19.475	1.804	17.800	22.100
SEATEMP	24	24.846	0.601	23.800	25.500
WINDSPED	24	9.821	1.667	7.500	13.600
SIGWVHT	24	2.200	0.298	1.800	2.800
AVWVPR	24	6.000	0.179	5.700	6.400
----- DAY:18 -----					
AIRTEMP	24	18.508	1.356	17.000	20.900
SEATEMP	24	25.404	0.235	25.200	25.800
WINDSPED	24	3.596	1.583	0.800	7.000
SIGWVHT	24	0.950	0.386	0.500	1.400
AVWVPR	24	5.087	0.256	4.700	5.700

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	22.375	0.808	20.800	23.600
SEATEMP	24	25.412	0.187	25.200	25.800
WINDSPED	24	4.371	1.808	1.100	6.800
SIGWVHT	24	0.500	0.059	0.400	0.800
AVWVPR	24	3.592	0.159	3.300	4.100
----- DAY:20 -----					
AIRTEMP	24	22.246	0.305	21.500	22.800
SEATEMP	24	25.133	0.383	24.700	25.600
WINDSPED	24	8.056	1.169	4.800	10.100
SIGWVHT	24	0.882	0.252	0.500	1.400
AVWVPR	24	3.845	0.332	3.500	4.500
----- DAY:21 -----					
AIRTEMP	24	20.158	0.398	19.800	21.300
SEATEMP	24	24.896	0.104	24.800	25.100
WINDSPED	24	11.642	0.899	10.800	12.900
SIGWVHT	24	2.254	0.174	1.700	2.500
AVWVPR	24	5.508	0.172	5.000	5.700
----- DAY:22 -----					
AIRTEMP	24	18.237	0.509	18.300	19.900
SEATEMP	24	24.198	0.715	22.800	24.500
WINDSPED	24	10.229	1.305	7.100	11.800
SIGWVHT	24	1.817	0.242	1.500	2.400
AVWVPR	24	5.108	0.306	4.800	5.800
----- DAY:23 -----					
AIRTEMP	24	21.283	0.872	19.800	22.300
SEATEMP	24	22.554	0.088	22.400	22.700
WINDSPED	24	5.352	0.850	3.800	6.800
SIGWVHT	24	1.306	0.169	1.000	1.600
AVWVPR	24	5.483	0.357	5.000	6.000
----- DAY:24 -----					
AIRTEMP	20	22.700	0.408	22.100	23.500
SEATEMP	20	22.550	0.523	22.100	23.800
WINDSPED	20	4.020	1.321	1.500	6.500
SIGWVHT	20	0.820	0.106	0.700	1.000
AVWVPR	20	4.700	0.203	4.500	5.200

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 DECEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:26 -----					
AIRTEMP	24	18.050	2.591	15.000	23.200
SEATEMP	24	23.092	0.351	22.400	23.700
WINDSPED	24	11.021	3.236	3.300	14.900
SIGWHT	24	2.304	1.039	0.700	3.800
AVWVPR	24	5.596	0.885	4.000	6.800
----- DAY:26 -----					
AIRTEMP	24	15.496	0.878	14.400	17.000
SEATEMP	24	22.833	0.181	22.300	23.100
WINDSPED	24	4.617	1.922	1.600	8.300
SIGWHT	24	1.496	0.561	0.800	2.500
AVWVPR	24	5.664	0.456	5.100	6.800
----- DAY:27 -----					
AIRTEMP	24	17.412	0.495	16.300	18.200
SEATEMP	24	22.100	0.086	22.000	22.300
WINDSPED	24	6.546	2.184	3.100	10.200
SIGWHT	24	0.833	0.281	0.700	1.500
AVWVPR	24	4.287	0.213	3.600	4.800
----- DAY:28 -----					
AIRTEMP	24	15.579	0.336	15.200	16.400
SEATEMP	24	21.896	0.056	21.800	22.000
WINDSPED	24	8.662	1.679	6.100	11.500
SIGWHT	24	1.633	0.208	1.200	1.800
AVWVPR	24	4.808	0.282	4.300	5.300
----- DAY:29 -----					
AIRTEMP	24	16.771	1.064	15.400	18.400
SEATEMP	24	21.968	0.206	21.600	22.300
WINDSPED	24	5.756	0.731	4.200	7.300
SIGWHT	23	1.052	0.085	0.800	1.200
AVWVPR	23	4.743	0.219	4.200	5.100
----- DAY:30 -----					
AIRTEMP	24	18.383	0.664	16.500	19.100
SEATEMP	24	22.087	0.106	21.900	22.300
WINDSPED	24	6.187	1.692	5.100	11.500
SIGWHT	0				
AVWVPR	0				

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 DECEMBER 1980

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	14.488	1.175	13.400	18.600
SEATEMP	24	22.048	0.296	21.800	22.600
WINDSPED	24	4.321	2.474	0.400	8.500
SIGWHT	0				
AVWVPR	0				

Table 3 (continue)

42001 JANUARY 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 JANUARY 1961

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	743	16.035	2.406	11.800	23.000	11.200	-0.285	-0.480
SEATEMP	743	21.608	0.748	20.100	23.600	3.500	0.066	-0.531
BAROMTR	743	1020.888	4.447	1010.600	1030.800	20.200	0.021	-0.876
WINDSPED	743	6.606	2.794	0.500	13.600	13.100	-0.873	-0.481
WINDDRG	743	114.868	107.205	0.500	358.700	358.200	1.011	-0.258
SIGWVHT	0							
AVWVPR	0							

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 JANUARY 1961
 PERCENTAGE BAR CHART

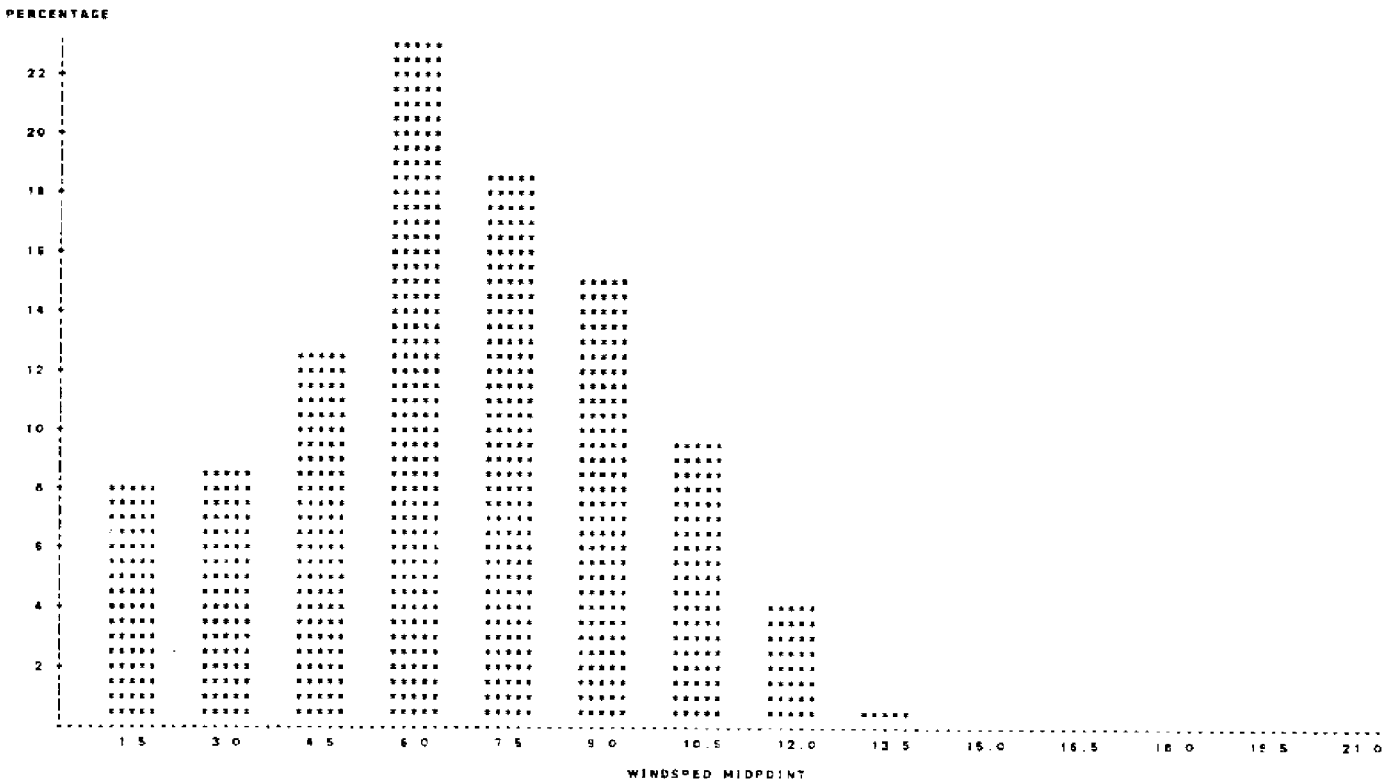


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 STUDY #42001 JANUARY 1981

PERCENTAGE BAR CHART

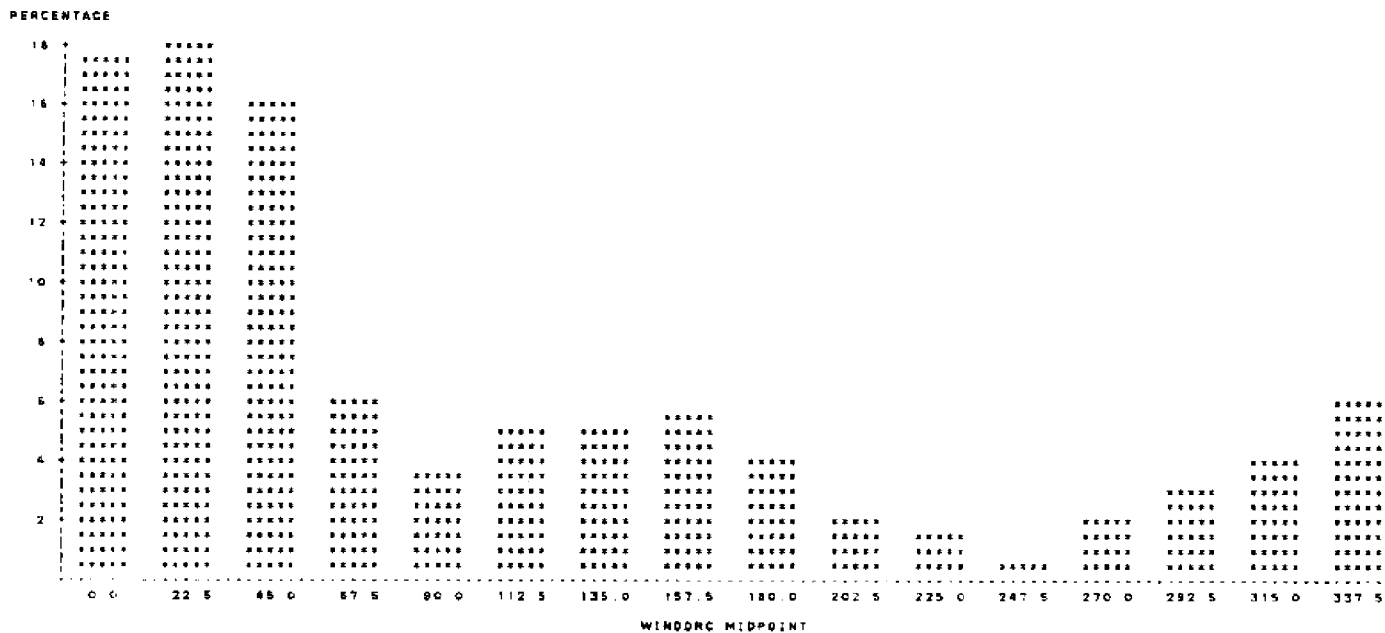


Fig. 2

DAILY STATISTICS
 BUDY #42001 JANUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY=1 -----					
AIRTEMP	23	18.135	0.775	18.200	20.200
SEATEMP	23	22.070	0.140	21.800	22.300
WINDSPED	23	4.300	1.295	1.400	6.700
SIGWVHT	0				
AVWVPR	0				
----- DAY=2 -----					
AIRTEMP	24	18.567	1.021	17.300	20.400
SEATEMP	24	21.595	0.261	21.100	21.900
WINDSPED	24	7.525	1.346	5.100	10.100
SIGWVHT	0				
AVWVPR	0				
----- DAY=3 -----					
AIRTEMP	24	17.852	0.885	17.000	18.500
SEATEMP	24	21.742	0.429	21.300	22.800
WINDSPED	24	2.808	1.452	1.000	5.500
SIGWVHT	0				
AVWVPR	0				
----- DAY=4 -----					
AIRTEMP	24	18.554	0.841	17.800	19.800
SEATEMP	24	21.742	0.125	21.500	22.000
WINDSPED	24	3.571	1.897	0.500	8.400
SIGWVHT	0				
AVWVPR	0				
----- DAY=5 -----					
AIRTEMP	24	18.252	0.436	18.500	20.000
SEATEMP	24	21.537	0.186	21.300	21.900
WINDSPED	24	5.692	0.808	4.800	7.800
SIGWVHT	0				
AVWVPR	0				
----- DAY=6 -----					
AIRTEMP	24	20.350	0.822	18.300	21.200
SEATEMP	24	21.671	0.108	21.600	21.900
WINDSPED	24	6.617	0.814	5.700	8.300
SIGWVHT	0				
AVWVPR	0				

Table 3

DAILY STATISTICS
 BUDY #42001 JANUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY=7 -----					
AIRTEMP	24	20.650	1.407	17.500	22.100
SEATEMP	24	21.858	0.058	21.700	21.900
WINDSPED	24	8.046	1.188	5.100	9.800
SIGWVHT	0				
AVWVPR	0				
----- DAY=8 -----					
AIRTEMP	24	17.278	0.437	16.800	18.100
SEATEMP	24	21.825	0.151	21.600	22.100
WINDSPED	24	4.908	1.838	3.400	8.300
SIGWVHT	0				
AVWVPR	0				
----- DAY=9 -----					
AIRTEMP	24	18.883	0.471	17.900	19.800
SEATEMP	24	21.687	0.119	21.500	21.900
WINDSPED	24	5.996	1.122	4.200	7.800
SIGWVHT	0				
AVWVPR	0				
----- DAY=10 -----					
AIRTEMP	24	18.471	0.430	17.600	19.000
SEATEMP	24	21.442	0.195	21.000	21.700
WINDSPED	24	8.104	0.766	7.500	10.500
SIGWVHT	0				
AVWVPR	0				
----- DAY=11 -----					
AIRTEMP	24	16.104	0.846	14.100	17.200
SEATEMP	24	20.964	0.362	20.600	21.600
WINDSPED	24	8.076	0.853	7.700	11.200
SIGWVHT	0				
AVWVPR	0				
----- DAY=12 -----					
AIRTEMP	24	13.454	1.098	11.500	14.800
SEATEMP	24	21.454	0.138	21.000	21.600
WINDSPED	24	10.446	1.180	8.300	12.600
SIGWVHT	0				
AVWVPR	0				

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	13.158	1.070	12.000	15.400
SEATEMP	24	21.182	0.152	20.900	21.500
WINDSPED	24	4.350	2.641	0.500	10.300
SIGWVHT	0				
AVWVPR	0				
----- DAY:14 -----					
AIRTEMP	24	15.521	1.706	14.200	19.700
SEATEMP	24	20.854	0.153	20.800	21.200
WINDSPED	24	3.721	2.984	0.700	8.700
SIGWVHT	0				
AVWVPR	0				
----- DAY:15 -----					
AIRTEMP	24	18.817	0.827	17.700	20.200
SEATEMP	24	21.096	0.091	20.800	21.200
WINDSPED	24	10.077	1.771	6.900	12.800
SIGWVHT	0				
AVWVPR	0				
----- DAY:16 -----					
AIRTEMP	24	17.873	0.389	17.300	18.400
SEATEMP	24	20.754	0.167	20.400	21.000
WINDSPED	24	6.812	0.964	5.600	9.200
SIGWVHT	0				
AVWVPR	0				
----- DAY:17 -----					
AIRTEMP	24	15.875	0.871	14.300	17.300
SEATEMP	24	20.517	0.070	20.400	20.800
WINDSPED	24	10.550	1.324	7.700	13.800
SIGWVHT	0				
AVWVPR	0				
----- DAY:18 -----					
AIRTEMP	24	14.875	0.741	14.000	15.900
SEATEMP	24	20.800	0.066	20.300	20.700
WINDSPED	24	8.733	1.345	6.700	11.300
SIGWVHT	0				
AVWVPR	0				

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	13.278	1.287	15.800	15.400
SEATEMP	24	20.175	0.085	20.100	20.300
WINDSPED	24	8.779	0.497	5.800	7.800
SIGWVHT	0				
AVWVPR	0				
----- DAY:20 -----					
AIRTEMP	24	18.882	0.660	18.600	20.800
SEATEMP	24	20.325	0.107	20.200	20.500
WINDSPED	24	11.021	1.486	7.900	13.100
SIGWVHT	0				
AVWVPR	0				
----- DAY:21 -----					
AIRTEMP	24	17.250	0.961	16.000	18.700
SEATEMP	24	21.125	0.746	20.300	22.300
WINDSPED	24	8.858	1.156	6.600	11.300
SIGWVHT	0				
AVWVPR	0				
----- DAY:22 -----					
AIRTEMP	24	15.404	0.280	15.000	16.000
SEATEMP	24	22.478	0.306	22.000	22.900
WINDSPED	24	6.025	0.948	4.000	7.600
SIGWVHT	0				
AVWVPR	0				
----- DAY:23 -----					
AIRTEMP	24	15.504	0.473	14.500	16.300
SEATEMP	24	22.829	0.299	22.600	23.400
WINDSPED	24	7.671	1.764	5.000	10.100
SIGWVHT	0				
AVWVPR	0				
----- DAY:24 -----					
AIRTEMP	24	15.325	0.211	16.000	16.600
SEATEMP	24	22.808	0.232	22.300	23.100
WINDSPED	24	6.342	1.178	4.300	8.300
SIGWVHT	0				
AVWVPR	0				

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	17.067	1.316	16.000	19.800
SEATEMP	24	22.433	0.462	21.800	23.300
WINDSPED	24	2.354	1.027	0.500	4.300
SIGWYHT	0				
AVWYPR	0				
----- DAY:26 -----					
AIRTEMP	24	19.746	1.116	17.900	21.200
SEATEMP	24	22.704	0.133	22.500	23.000
WINDSPED	24	3.746	1.571	0.800	6.700
SIGWYHT	0				
AVWYPR	0				
----- DAY:27 -----					
AIRTEMP	24	20.860	0.341	20.500	21.500
SEATEMP	24	22.171	0.318	21.800	22.700
WINDSPED	24	5.217	1.516	1.600	7.200
SIGWYHT	0				
AVWYPR	0				
----- DAY:28 -----					
AIRTEMP	24	19.929	0.848	18.400	21.600
SEATEMP	24	21.817	0.117	21.700	22.000
WINDSPED	24	6.654	1.710	1.700	10.100
SIGWYHT	0				
AVWYPR	0				
----- DAY:29 -----					
AIRTEMP	24	20.908	1.110	19.400	22.300
SEATEMP	24	21.921	0.180	21.800	22.200
WINDSPED	24	6.882	1.131	5.100	8.800
SIGWYHT	0				
AVWYPR	0				
----- DAY:30 -----					
AIRTEMP	24	22.160	0.397	21.800	23.000
SEATEMP	24	22.171	0.280	22.000	22.900
WINDSPED	24	4.748	2.072	1.800	6.500
SIGWYHT	0				
AVWYPR	0				

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	21.333	1.055	19.300	22.500
SEATEMP	24	22.125	0.154	21.900	22.400
WINDSPED	24	4.967	1.797	1.800	7.700
SIGWYHT	0				
AVWYPR	0				

Table 3 (continue)

42001 FEBRUARY 1981

MONTHLY WAVE STATISTIC SUMMARY
 BODY #4200 FEBRUARY 1981

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	670	19.103	2.517	12.100	27.600	10.700	-1.183	0.885
SEATEMP	670	20.961	0.845	15.800	23.100	3.300	0.002	0.709
BAROMTR	670	1020.795	5.528	1006.000	1033.400	27.400	0.243	0.034
WINDSPED	670	6.472	3.148	0.100	16.000	15.900	0.674	0.230
WINDDRG	670	153.491	125.026	0.300	360.000	359.700	0.441	0.386
SIGWVHT	C							
AVWVPR	C							

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BODY #4200 FEBRUARY 1981
 PERCENTAGE BAR CHART

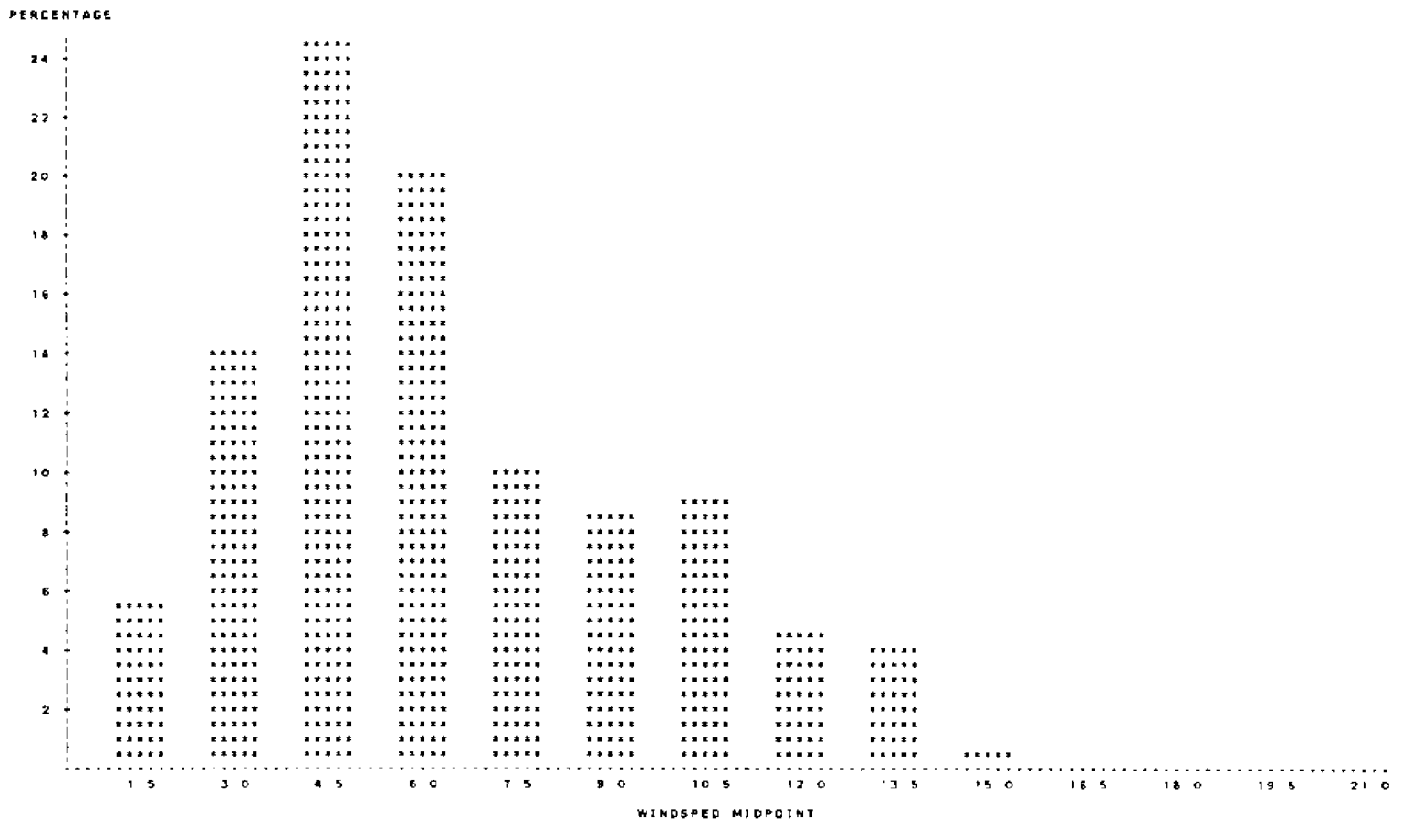


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 FEBRUARY 1981

PERCENTAGE BAR CHART

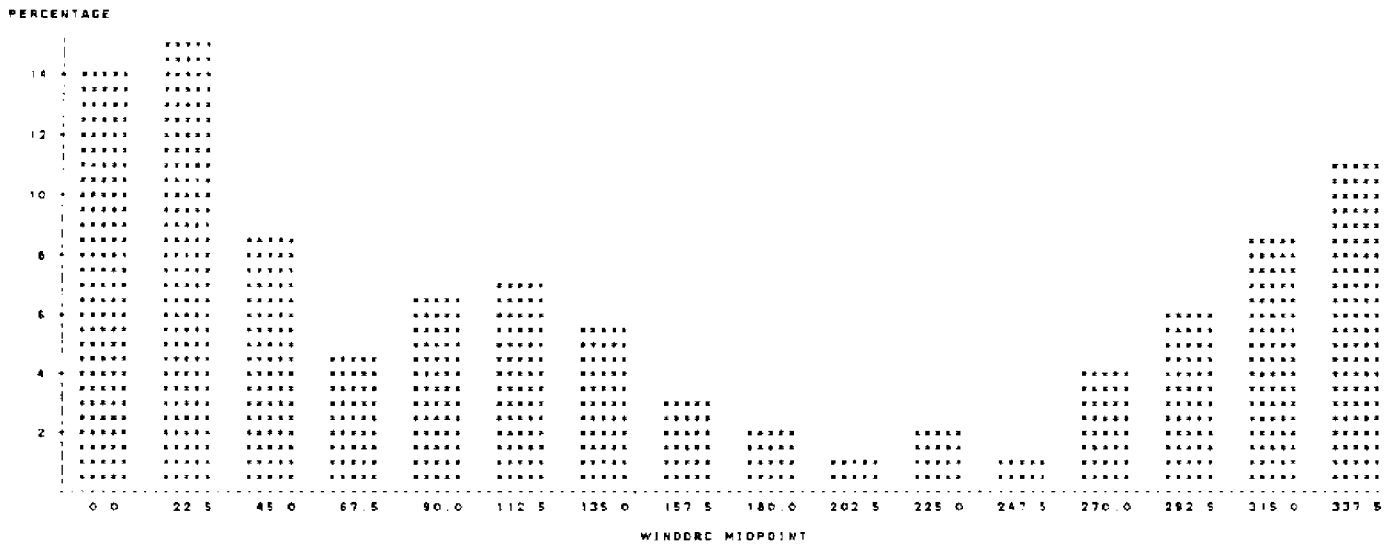


Fig. 2

DAILY STATISTICS
 BUOY #4200: FEBRUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	22.233	0.278	21.800	22.700
SEATEMP	24	21.737	0.144	21.800	22.100
WINDSPED	24	9.027	1.823	5.700	11.300
SIGWVHT	C				
AVWVPR	C				
----- DAY:2 -----					
AIRTEMP	24	18.846	2.852	14.100	22.100
SEATEMP	24	21.304	0.328	21.000	21.600
WINDSPED	24	10.708	3.158	5.000	13.700
SIGWVHT	C				
AVWVPR	C				
----- DAY:3 -----					
AIRTEMP	24	12.879	0.720	12.100	14.100
SEATEMP	24	20.717	0.281	20.300	21.100
WINDSPED	24	9.575	1.518	6.700	11.800
SIGWVHT	C				
AVWVPR	C				
----- DAY:4 -----					
AIRTEMP	23	14.926	2.017	12.800	17.600
SEATEMP	23	20.152	0.165	19.800	20.300
WINDSPED	23	6.187	0.838	4.600	7.700
SIGWVHT	0				
AVWVPR	0				
----- DAY:5 -----					
AIRTEMP	24	18.858	0.894	17.500	19.700
SEATEMP	24	19.904	0.127	19.800	20.100
WINDSPED	24	6.608	1.357	4.300	8.800
SIGWVHT	0				
AVWVPR	0				
----- DAY:6 -----					
AIRTEMP	24	20.562	0.579	19.400	21.200
SEATEMP	24	20.217	0.185	20.000	20.600
WINDSPED	24	6.400	1.479	3.600	8.800
SIGWVHT	0				
AVWVPR	0				

Table 2

DAILY STATISTICS
 BUOY #4200: FEBRUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	20.167	0.820	19.400	21.100
SEATEMP	24	20.171	0.123	20.000	20.400
WINDSPED	23	2.970	1.533	0.500	5.900
SIGWVHT	0				
AVWVPR	0				
----- DAY:8 -----					
AIRTEMP	24	20.645	0.668	19.000	21.600
SEATEMP	24	20.262	0.166	20.100	20.800
WINDSPED	24	5.508	1.431	3.200	8.200
SIGWVHT	C				
AVWVPR	0				
----- DAY:9 -----					
AIRTEMP	24	19.754	1.245	15.800	22.400
SEATEMP	24	20.329	0.511	19.900	21.200
WINDSPED	24	4.825	1.437	3.300	8.300
SIGWVHT	0				
AVWVPR	0				
----- DAY:10 -----					
AIRTEMP	24	22.367	0.277	21.900	22.800
SEATEMP	24	20.679	0.285	20.300	21.100
WINDSPED	24	10.858	2.755	5.600	13.800
SIGWVHT	0				
AVWVPR	0				
----- DAY:11 -----					
AIRTEMP	24	18.350	3.798	12.400	22.300
SEATEMP	24	20.471	0.322	20.100	21.100
WINDSPED	24	6.308	4.633	3.600	16.000
SIGWVHT	0				
AVWVPR	0				
----- DAY:12 -----					
AIRTEMP	24	13.742	0.891	12.300	15.100
SEATEMP	24	20.086	0.201	20.000	20.800
WINDSPED	24	10.582	1.680	7.900	12.900
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUOY #4200: FEBRUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	17.075	1.286	15.100	19.000
SEATEMP	24	20.367	0.342	20.000	20.500
WINDSPEED	24	8.817	1.067	7.900	12.000
SIGWYHT	0				
AVWVPR	0				
----- DAY:14 -----					
AIRTEMP	24	19.346	0.410	18.500	19.900
SEATEMP	24	20.778	0.110	20.500	20.900
WINDSPEED	24	9.714	1.775	8.100	12.500
SIGWYHT	0				
AVWVPR	0				
----- DAY:15 -----					
AIRTEMP	24	19.312	1.103	18.900	21.700
SEATEMP	24	21.087	0.178	20.900	21.400
WINDSPEED	0				
SIGWYHT	0				
AVWVPR	0				
----- DAY:16 -----					
AIRTEMP	24	18.321	0.768	17.200	19.900
SEATEMP	24	21.200	0.223	21.000	21.700
WINDSPEED	0				
SIGWYHT	0				
AVWVPR	0				
----- DAY:17 -----					
AIRTEMP	23	18.474	0.220	18.100	19.000
SEATEMP	23	21.009	0.124	20.900	21.200
WINDSPEED	23	4.870	0.910	3.400	6.900
SIGWYHT	0				
AVWVPR	0				
----- DAY:18 -----					
AIRTEMP	24	19.542	0.637	18.600	20.700
SEATEMP	24	21.125	0.275	20.900	21.500
WINDSPEED	24	4.892	1.072	2.600	6.900
SIGWYHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUOY #4200: FEBRUARY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	20.083	0.294	19.700	20.500
SEATEMP	24	21.429	0.227	21.200	21.800
WINDSPEED	24	4.775	0.692	3.500	6.700
SIGWYHT	0				
AVWVPR	0				
----- DAY:20 -----					
AIRTEMP	24	19.846	0.376	19.400	20.500
SEATEMP	24	21.512	0.228	21.300	22.000
WINDSPEED	24	3.148	0.999	0.100	4.900
SIGWYHT	0				
AVWVPR	0				
----- DAY:21 -----					
AIRTEMP	24	20.228	0.828	19.100	21.600
SEATEMP	24	21.800	0.806	21.300	22.100
WINDSPEED	23	1.698	0.860	0.200	3.500
SIGWYHT	0				
AVWVPR	0				
----- DAY:22 -----					
AIRTEMP	24	20.525	0.717	18.700	21.300
SEATEMP	24	21.875	0.170	21.700	22.300
WINDSPEED	24	4.121	2.514	2.000	10.800
SIGWYHT	0				
AVWVPR	0				
----- DAY:23 -----					
AIRTEMP	24	18.067	0.405	17.400	18.800
SEATEMP	24	21.446	0.181	21.200	21.700
WINDSPEED	24	7.576	2.678	3.500	11.500
SIGWYHT	0				
AVWVPR	0				
----- DAY:24 -----					
AIRTEMP	24	19.096	0.372	18.600	19.700
SEATEMP	24	21.162	0.248	20.800	21.500
WINDSPEED	24	4.437	0.882	3.000	6.100
SIGWYHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUOY #42001 FEBRUARY 1961

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 25 -----					
AIRTEMP	24	19.186	0.384	18.600	20.000
SEATEMP	24	21.200	0.272	20.800	21.700
WINDSPEED	24	3.778	1.401	0.800	5.400
SIGWVHT	0				
AVWVPR	0				
----- DAY: 26 -----					
AIRTEMP	24	20.600	0.426	19.800	21.000
SEATEMP	24	21.479	0.312	21.200	22.000
WINDSPEED	24	5.258	0.808	3.300	6.600
SIGWVHT	0				
AVWVPR	0				
----- DAY: 27 -----					
AIRTEMP	24	20.637	0.530	20.200	22.000
SEATEMP	24	21.887	0.251	21.400	22.100
WINDSPEED	24	6.254	0.661	4.800	7.700
SIGWVHT	0				
AVWVPR	0				
----- DAY: 28 -----					
AIRTEMP	24	21.782	0.483	21.200	22.600
SEATEMP	24	21.675	0.185	21.400	22.000
WINDSPEED	24	5.575	0.783	4.200	7.300
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

42001 MARCH 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 MARCH 1981

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPEC	WIND SPEED (M/SEC)
WINDDRCT	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKENNESS	KURTOSIS
AIRTEMP	740	20.04E	1.883	14.100	23.500	9.400	-0.637	0.017
SEATEMP	740	21.02E	0.563	15.100	23.100	8.000	-0.325	-1.028
BAROMTR	740	1016.700	4.910	1004.800	1026.300	21.500	-0.245	-0.470
WINDSPEC	737	8.72E	1.920	0.100	14.700	14.600	0.101	-0.270
WINDDRCT	738	157.76E	105.447	0.500	359.900	359.400	0.561	-1.109
SIGWVHT	0							
AVWVPR	0							

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUDY #42001 MARCH 1981
 PERCENTAGE BAR CHART

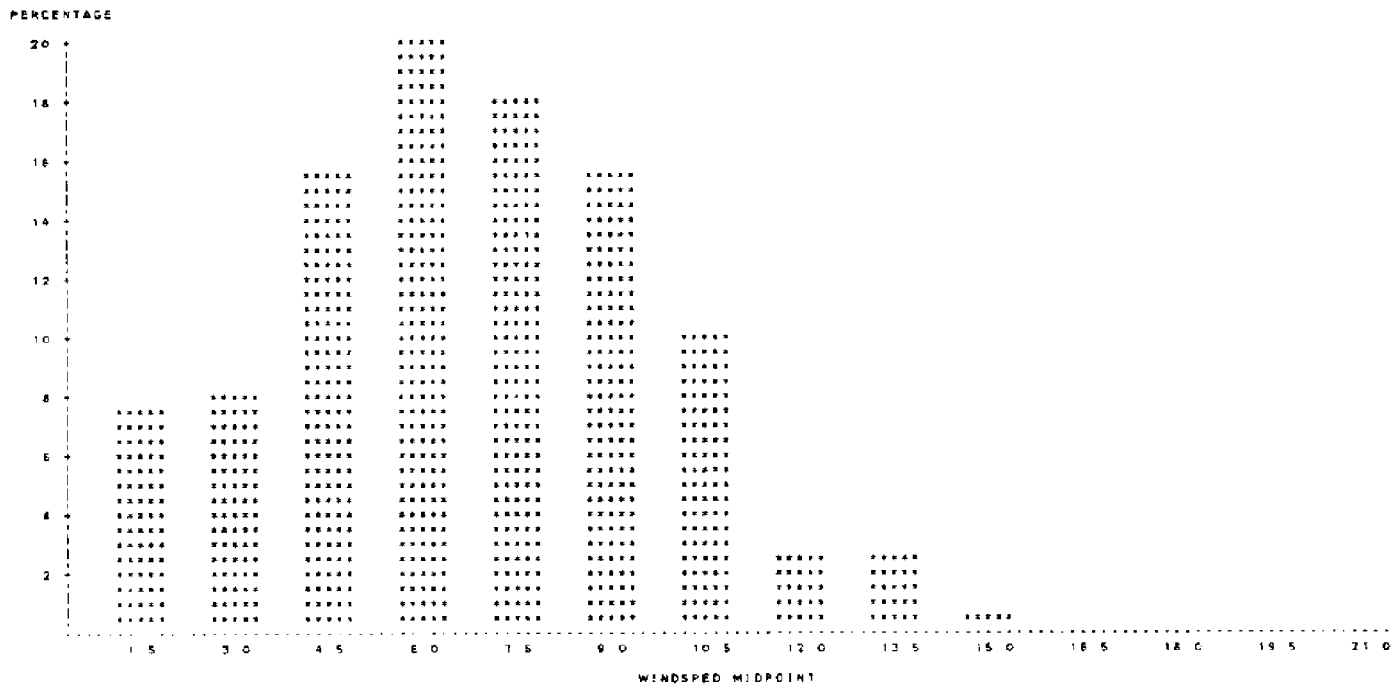


Fig. 1

HISTOGRAM OF WIND DIRECTION [DEGREE FROM TRUE NORTH]
 BUOY #42001 MARCH 1981
 PERCENTAGE BAR CHART

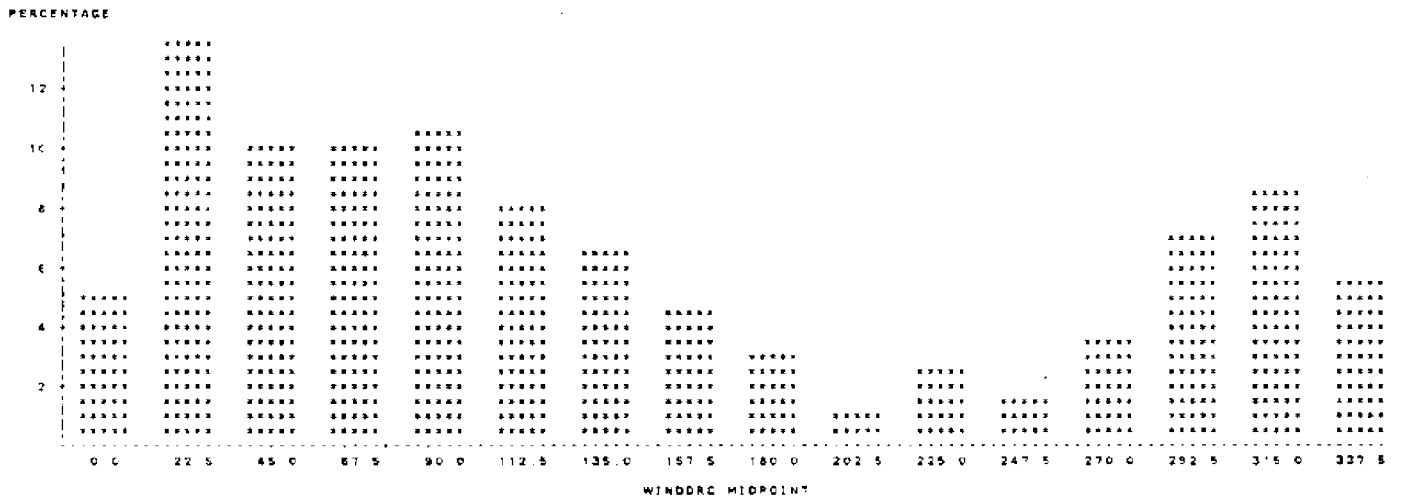


Fig. 2

DAILY STATISTICS
 BUDDY #42001 MARCH 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	22.226	0.486	21.400	23.400
SEATEMP	24	21.725	0.487	21.300	22.900
WINDSPED	24	3.354	1.857	0.500	7.400
SIGWVHT	0				
AVWVPR	0				
----- DAY:2 -----					
AIRTEMP	24	21.525	0.385	20.800	22.300
SEATEMP	24	22.562	0.283	22.300	23.100
WINDSPED	23	2.376	1.804	0.100	6.200
SIGWVHT	0				
AVWVPR	0				
----- DAY:3 -----					
AIRTEMP	23	21.165	0.838	20.100	22.600
SEATEMP	23	22.265	0.172	22.000	22.700
WINDSPED	23	5.898	1.175	3.500	8.100
SIGWVHT	0				
AVWVPR	0				
----- DAY:4 -----					
AIRTEMP	24	22.887	0.277	22.500	23.300
SEATEMP	24	22.078	0.094	21.900	22.300
WINDSPED	24	5.800	1.141	7.900	11.700
SIGWVHT	0				
AVWVPR	0				
----- DAY:5 -----					
AIRTEMP	24	22.042	0.681	20.200	23.800
SEATEMP	24	21.900	0.135	21.700	22.200
WINDSPED	24	7.117	1.544	4.200	9.700
SIGWVHT	0				
AVWVPR	0				
----- DAY:6 -----					
AIRTEMP	24	19.448	0.578	18.600	20.600
SEATEMP	24	21.921	0.356	21.600	22.600
WINDSPED	24	5.900	1.771	3.300	10.500
SIGWVHT	0				
AVWVPR	0				

Table 2

DAILY STATISTICS
 BUDDY #42001 MARCH 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	19.812	0.405	18.600	20.400
SEATEMP	24	21.878	0.145	21.700	22.300
WINDSPED	24	6.058	1.095	4.600	8.200
SIGWVHT	0				
AVWVPR	0				
----- DAY:8 -----					
AIRTEMP	24	20.742	0.731	18.500	21.700
SEATEMP	24	21.492	0.144	21.300	21.800
WINDSPED	24	6.500	1.281	4.300	9.700
SIGWVHT	0				
AVWVPR	0				
----- DAY:9 -----					
AIRTEMP	24	20.958	0.521	20.200	21.600
SEATEMP	24	21.257	0.048	21.700	21.300
WINDSPED	24	8.079	1.114	6.300	9.700
SIGWVHT	0				
AVWVPR	0				
----- DAY:10 -----					
AIRTEMP	24	19.452	0.484	18.400	20.100
SEATEMP	24	21.021	0.110	20.800	21.200
WINDSPED	24	8.125	1.352	5.100	10.600
SIGWVHT	0				
AVWVPR	0				
----- DAY:11 -----					
AIRTEMP	24	17.867	1.052	15.900	19.400
SEATEMP	24	21.650	0.236	21.200	22.000
WINDSPED	24	8.082	1.173	6.000	10.300
SIGWVHT	0				
AVWVPR	0				
----- DAY:12 -----					
AIRTEMP	24	19.837	0.575	18.700	20.800
SEATEMP	24	22.142	0.106	22.000	22.300
WINDSPED	24	8.221	0.948	6.600	9.700
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUOY #42001 MARCH 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	20 475	1 030	17 800	21 800
SEATEMP	24	21 802	0 110	21 600	21 900
WINDSPED	24	5 758	2 501	1 300	9 800
SIGWVHT	0				
AVWVPR	0				
----- DAY: 14 -----					
AIRTEMP	24	19 606	0 252	18 300	20 100
SEATEMP	24	21 597	0 189	21 300	22 000
WINDSPED	24	6 025	1 301	3 900	8 000
SIGWVHT	0				
AVWVPR	0				
----- DAY: 15 -----					
AIRTEMP	24	21 447	0 628	20 200	22 400
SEATEMP	24	21 854	0 118	21 800	22 000
WINDSPED	24	5 725	1 254	1 600	7 700
SIGWVHT	0				
AVWVPR	0				
----- DAY: 16 -----					
AIRTEMP	24	19 817	0 705	18 900	21 200
SEATEMP	24	21 187	0 211	21 000	21 800
WINDSPED	24	8 046	3 500	1 700	13 300
SIGWVHT	0				
AVWVPR	0				
----- DAY: 17 -----					
AIRTEMP	24	19 050	0 448	17 800	19 700
SEATEMP	24	21 183	0 313	20 800	21 800
WINDSPED	24	5 200	2 221	1 800	8 900
SIGWVHT	0				
AVWVPR	0				
----- DAY: 18 -----					
AIRTEMP	24	19 875	0 961	17 800	21 000
SEATEMP	24	19 827	0 457	19 300	20 800
WINDSPED	24	8 829	1 708	5 900	13 100
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	24	18 883	2 328	14 100	20 800
SEATEMP	24	19 800	0 147	19 600	20 100
WINDSPED	24	11 725	1 893	8 400	14 700
SIGWVHT	0				
AVWVPR	0				
----- DAY: 20 -----					
AIRTEMP	24	18 604	1 232	14 900	18 600
SEATEMP	24	20 708	0 649	19 600	21 800
WINDSPED	24	8 412	3 871	0 200	10 400
SIGWVHT	0				
AVWVPR	0				
----- DAY: 21 -----					
AIRTEMP	24	19 858	1 587	17 200	21 600
SEATEMP	24	20 821	0 414	19 900	21 600
WINDSPED	24	8 067	3 632	0 600	11 900
SIGWVHT	0				
AVWVPR	0				
----- DAY: 22 -----					
AIRTEMP	24	20 782	0 806	18 900	21 800
SEATEMP	24	19 750	0 153	19 400	19 900
WINDSPED	24	7 437	2 852	2 900	14 400
SIGWVHT	0				
AVWVPR	0				
----- DAY: 23 -----					
AIRTEMP	24	17 292	1 054	15 500	18 700
SEATEMP	24	19 683	0 070	18 600	19 800
WINDSPED	24	11 425	1 965	7 800	14 200
SIGWVHT	0				
AVWVPR	0				
----- DAY: 24 -----					
AIRTEMP	24	16 383	0 885	15 300	17 600
SEATEMP	24	19 454	0 398	19 100	20 200
WINDSPED	24	4 775	1 741	1 000	7 800
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUDY #42001 MARCH 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	17.448	0.792	16.600	19.100
SEATEMP	24	19.450	0.230	19.100	19.900
WINDSPED	24	4.133	0.930	2.100	6.300
SIGWVHT	0				
AVWVPR	0				
----- DAY:26 -----					
AIRTEMP	24	19.190	0.544	18.500	20.100
SEATEMP	24	19.654	0.403	19.200	20.500
WINDSPED	24	2.571	1.014	1.000	4.500
SIGWVHT	0				
AVWVPR	0				
----- DAY:27 -----					
AIRTEMP	24	20.325	0.622	19.500	21.300
SEATEMP	24	20.000	0.418	19.500	20.800
WINDSPED	24	5.175	1.309	2.800	7.000
SIGWVHT	0				
AVWVPR	0				
----- DAY:28 -----					
AIRTEMP	24	21.075	0.495	20.400	21.800
SEATEMP	24	20.454	0.320	20.200	21.100
WINDSPED	24	5.671	0.935	4.100	7.200
SIGWVHT	0				
AVWVPR	0				
----- DAY:29 -----					
AIRTEMP	24	22.137	0.329	21.700	22.700
SEATEMP	24	20.598	0.254	20.300	21.100
WINDSPED	24	8.398	1.225	6.500	11.800
SIGWVHT	0				
AVWVPR	0				
----- DAY:30 -----					
AIRTEMP	23	22.700	0.183	22.300	23.000
SEATEMP	23	20.957	0.345	20.600	21.500
WINDSPED	23	6.678	3.133	1.800	10.600
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUDY #42001 MARCH 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	22	22.809	0.459	22.200	23.500
SEATEMP	22	21.277	0.310	20.900	21.800
WINDSPED	22	5.284	1.492	1.900	8.300
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

42001 APRIL 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 APRIL 1981

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPEC	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	718	23.407	1.083	19.700	27.800	8.100	-0.318	2.162
SEATEMP	718	23.643	1.111	21.300	28.900	7.600	0.363	0.807
BAROMTR	716	1018.345	3.623	1011.500	1027.200	15.700	-0.080	-0.749
WINDSPEC	225	6.517	2.618	0.100	12.400	12.300	0.085	-0.348
WINDDRG	225	100.530	70.333	1.800	358.000	357.200	2.280	6.183
SIGWVHT	0							
AVWVPR	0							

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 APRIL 1981
 PERCENTAGE BAR CHART

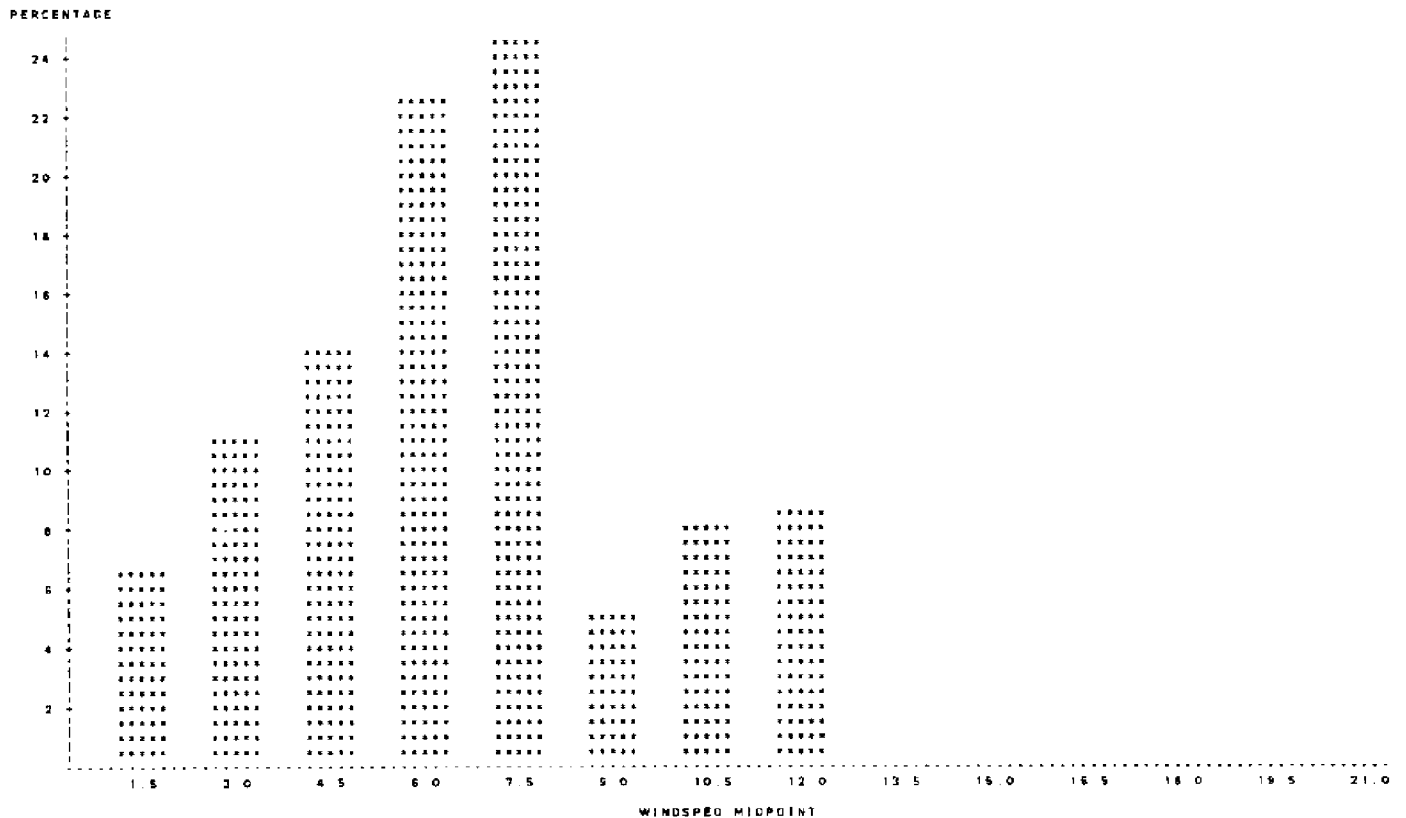


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 APRIL 1981
 PERCENTAGE BAR CHART

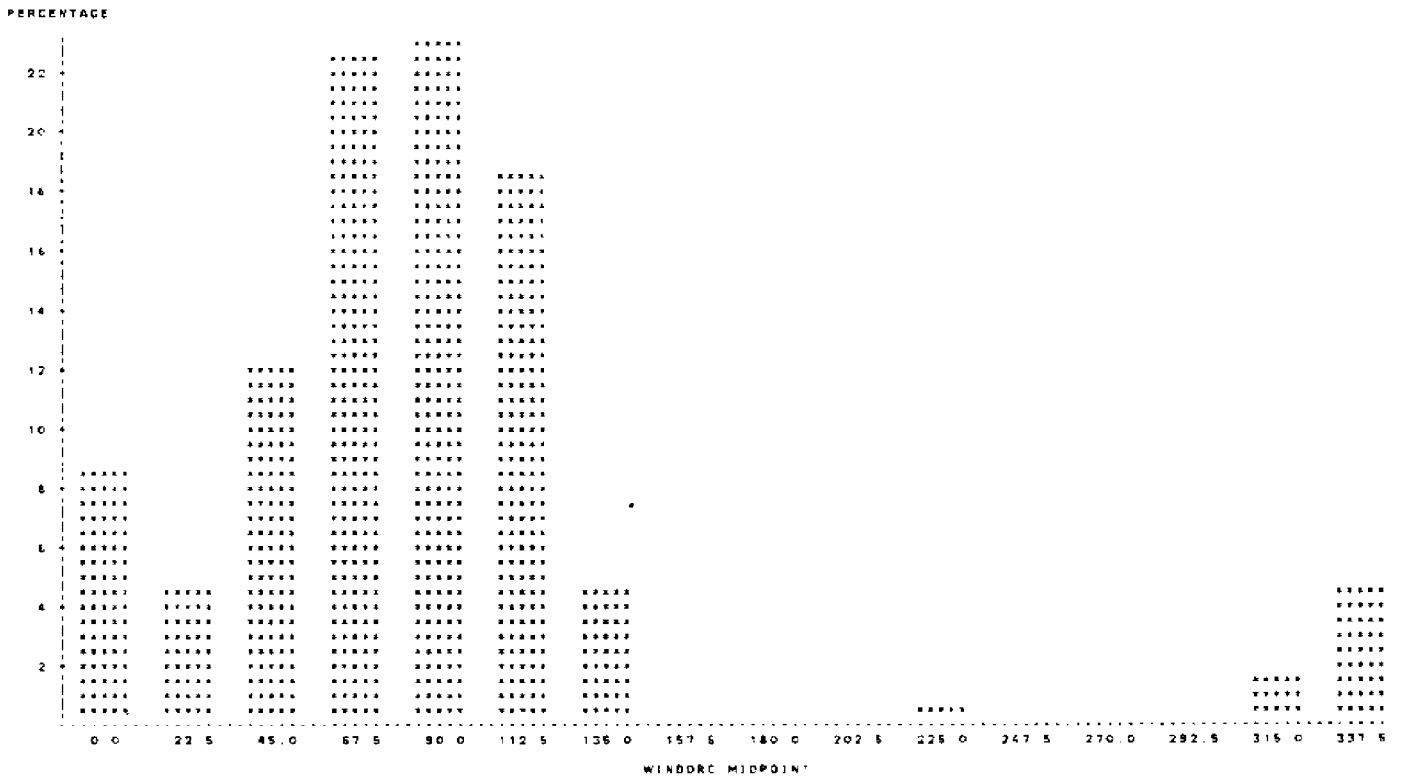


Fig. 2

DAILY STATISTICS
 BUOY #42001 APRIL 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	23.175	0.526	22.700	25.000
SEATEMP	24	22.125	0.568	21.800	23.500
WINDSPED	24	5.125	2.581	0.100	8.800
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#2 -----					
AIRTEMP	24	22.662	0.595	21.700	22.800
SEATEMP	24	22.750	0.522	22.100	23.500
WINDSPED	24	3.571	1.280	0.500	5.600
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#3 -----					
AIRTEMP	24	22.887	0.387	22.400	23.800
SEATEMP	24	22.800	0.230	22.500	23.200
WINDSPED	24	5.358	1.292	2.900	8.800
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#4 -----					
AIRTEMP	24	23.321	0.241	23.000	23.700
SEATEMP	24	22.746	0.238	22.500	23.400
WINDSPED	24	7.712	3.175	2.800	12.000
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#5 -----					
AIRTEMP	24	22.783	0.457	22.000	23.900
SEATEMP	24	22.750	0.348	22.400	23.700
WINDSPED	24	5.212	3.717	0.100	11.800
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#6 -----					
AIRTEMP	24	21.237	0.481	20.600	22.400
SEATEMP	24	21.812	0.183	21.700	22.300
WINDSPED	24	11.021	0.780	5.400	12.100
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.

Table 2

DAILY STATISTICS
 BUOY #42001 APRIL 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	20.648	0.808	19.700	22.200
SEATEMP	24	21.833	0.383	21.300	22.500
WINDSPED	24	7.021	1.958	2.600	9.900
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#8 -----					
AIRTEMP	24	22.192	0.325	21.800	22.800
SEATEMP	24	22.321	0.312	22.000	22.900
WINDSPED	24	5.525	1.345	3.900	8.700
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#9 -----					
AIRTEMP	24	22.645	0.311	22.200	23.300
SEATEMP	24	22.812	0.279	22.800	23.400
WINDSPED	24	6.637	0.851	5.700	7.700
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#10 -----					
AIRTEMP	24	22.946	0.318	22.500	23.500
SEATEMP	24	22.983	0.251	22.700	23.400
WINDSPED	13	7.377	0.380	6.600	7.900
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#11 -----					
AIRTEMP	24	23.029	0.291	22.500	23.400
SEATEMP	24	23.058	0.217	22.800	23.500
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY#12 -----					
AIRTEMP	24	23.067	0.278	22.600	23.600
SEATEMP	24	23.208	0.250	22.900	23.800
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.

Table 2 (continue)

DAILY STATISTICS
 BUOY #42001 APRIL 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	23.108	0.278	22.700	23.700
SEATEMP	24	23.328	0.261	23.000	23.800
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 14 -----					
AIRTEMP	24	23.267	0.337	22.700	24.000
SEATEMP	24	23.371	0.237	23.100	23.800
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 15 -----					
AIRTEMP	24	23.392	0.394	22.700	23.800
SEATEMP	24	23.442	0.221	23.200	23.800
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 16 -----					
AIRTEMP	24	23.578	0.284	23.200	24.100
SEATEMP	24	23.587	0.263	23.300	24.000
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 17 -----					
AIRTEMP	24	23.704	0.229	23.400	24.100
SEATEMP	24	23.862	0.197	23.700	24.200
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 18 -----					
AIRTEMP	24	23.879	0.275	23.200	24.200
SEATEMP	24	23.948	0.218	23.700	24.300
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	24	23.587	0.314	23.100	24.100
SEATEMP	24	24.104	0.342	23.800	24.800
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 20 -----					
AIRTEMP	24	24.092	0.790	23.200	25.600
SEATEMP	24	24.779	0.876	24.000	25.800
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 21 -----					
AIRTEMP	24	25.883	0.347	23.300	24.400
SEATEMP	24	26.008	0.532	24.200	26.000
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 22 -----					
AIRTEMP	24	24.079	0.238	23.700	24.500
SEATEMP	24	24.717	0.197	24.400	25.100
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 23 -----					
AIRTEMP	24	24.375	0.274	24.000	24.800
SEATEMP	24	24.512	0.213	24.300	24.800
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				
----- DAY: 24 -----					
AIRTEMP	24	24.479	0.415	24.000	25.300
SEATEMP	24	24.862	0.308	24.400	25.300
WINDSPED	0				
SIGWVHT	0				
AVWVPR	0				

Table 2 (continue)

DAILY STATISTICS
 BUDY #42001 APRIL 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	24 646	0 468	22 600	25 000
SEATEMP	24	24 604	0 180	24 400	24 800
WINDSPEED	0				
SIGWVHT	0				
AVWYPR	0				
----- DAY:26 -----					
AIRTEMP	24	23 550	1 032	20 800	24 600
SEATEMP	24	24 297	0 086	24 200	24 500
WINDSPEED	0				
SIGWVHT	0				
AVWYPR	0				
----- DAY:27 -----					
AIRTEMP	24	23 737	0 435	23 200	24 400
SEATEMP	24	24 421	0 276	24 200	24 800
WINDSPEED	0				
SIGWVHT	0				
AVWYPR	0				
----- DAY:28 -----					
AIRTEMP	24	24 383	0 452	23 900	25 200
SEATEMP	24	24 604	0 627	24 600	25 600
WINDSPEED	0				
SIGWVHT	0				
AVWYPR	0				
----- DAY:29 -----					
AIRTEMP	24	24 750	0 459	24 200	25 300
SEATEMP	24	24 992	0 761	24 600	25 600
WINDSPEED	0				
SIGWVHT	0				
AVWYPR	0				
----- DAY:30 -----					
AIRTEMP	22	25 466	1 328	24 000	27 800
SEATEMP	22	25 832	1 305	24 600	28 900
WINDSPEED	0				
SIGWVHT	0				
AVWYPR	0				

Table 2 (continue)

42001 MAY 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 MAY 1981

AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BAROMTR BAROMETER (MB)
 WINDSPEC WIND SPEED (M/SEC)
 WINDDRG WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWVHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWVPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	517	24.580	1.053	21.400	26.700	5.300	-0.641	0.333
SEATEMP	491	25.482	0.547	24.640	27.820	3.280	1.396	2.482
BAROMTR	467	1013.649	2.580	1007.700	1018.800	11.200	-0.284	-0.539
WINDSPEC	29	5.154	1.720	1.020	7.630	6.610	-0.714	0.978
WINDDRG	29	55.334	15.718	32.500	90.400	57.900	0.556	-0.227
SIGWVHT	1	0.800		0.900	0.900	0.000		
AVWVPR	1	2.700		3.700	3.700	0.000		

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 MAY 1981

PERCENTAGE BAR CHART

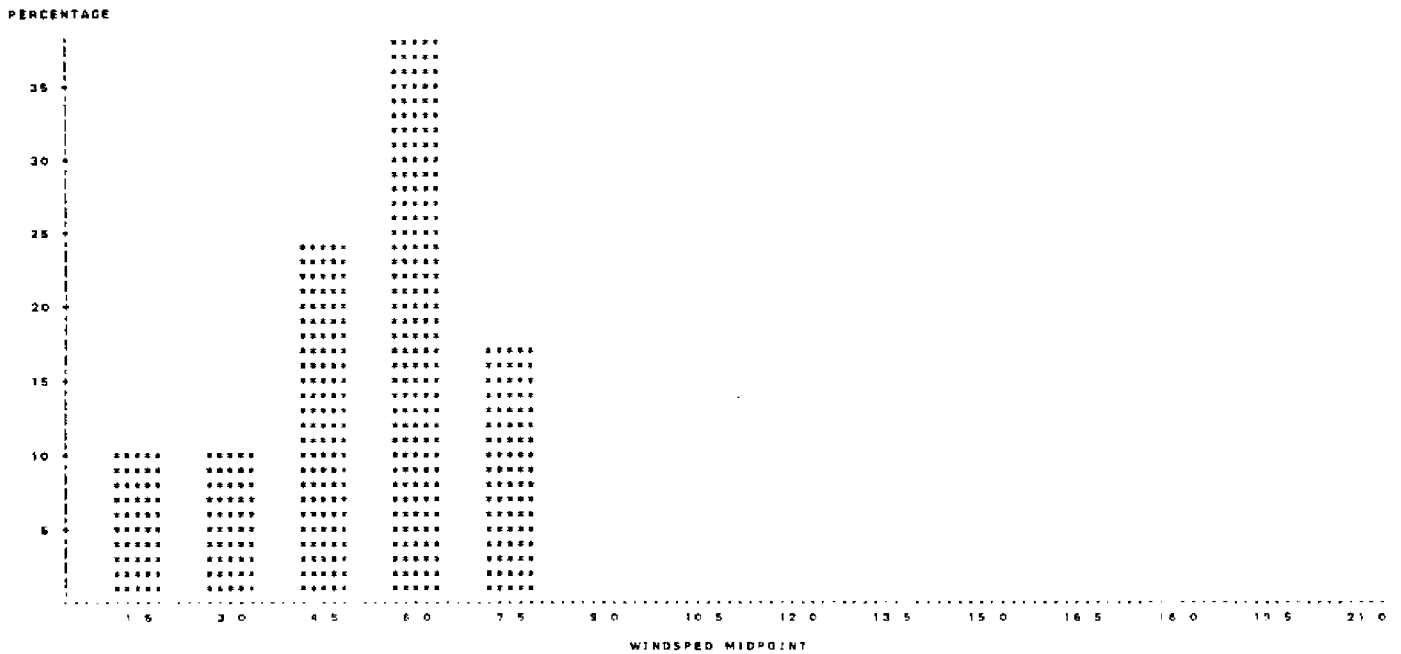


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 MAY 1981
 PERCENTAGE BAR CHART

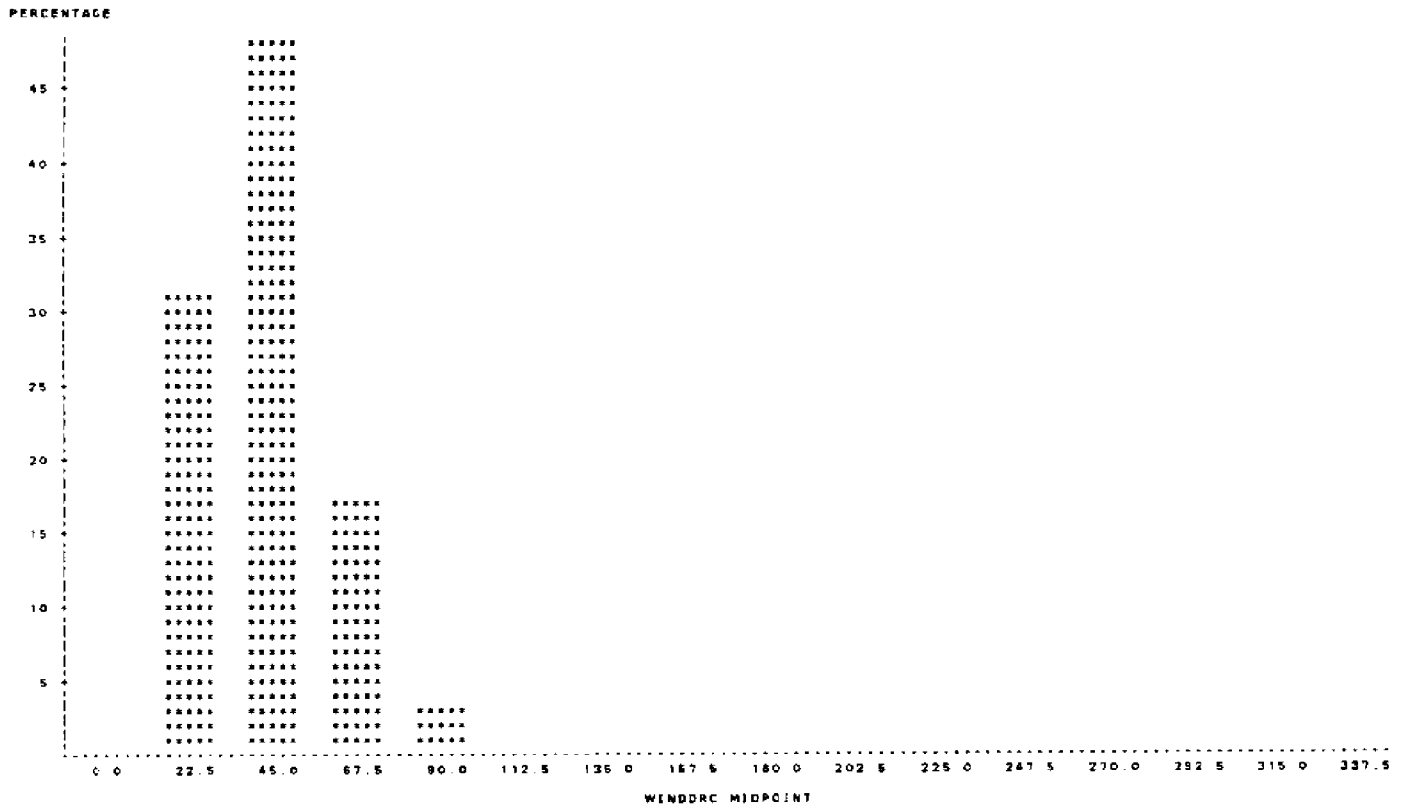


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 MAY 1981
 PERCENTAGE BAR CHART

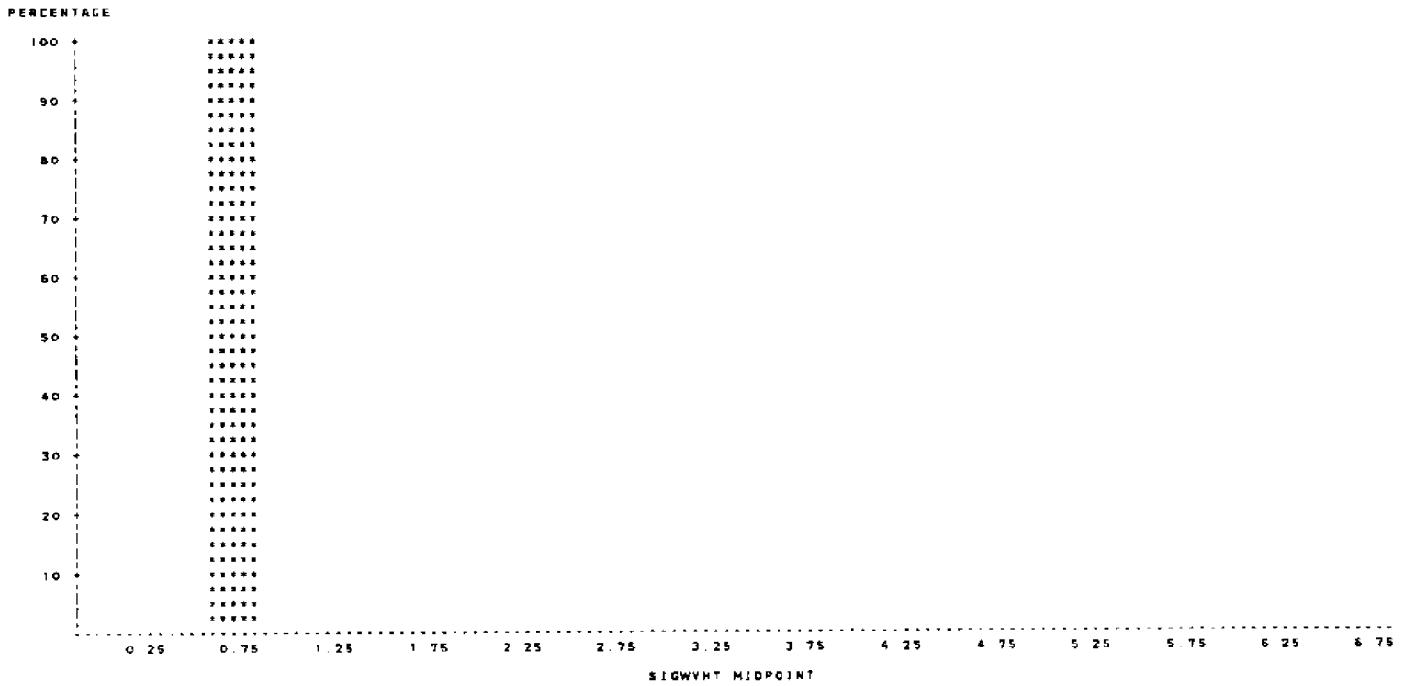


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 MAY 1981
 PERCENTAGE BAR CHART

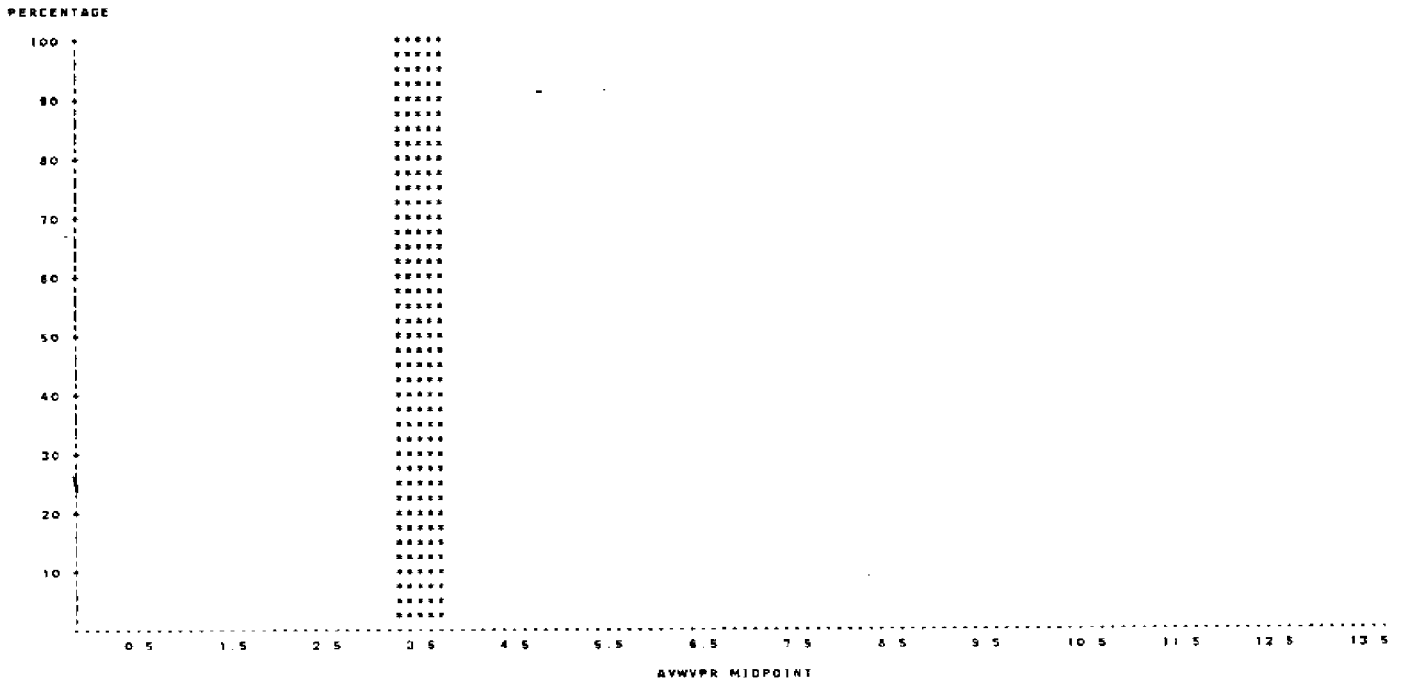


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 MAY 1981

TABLE OF AYWVPR BY SIGWVHT

AWWVPR	SIGWVHT		TOTAL
	<=1.0		
	520	0	
<14.0	0	1	1
		100.00	100.00
		100.00	
		100.00	
TOTAL		1	1
		100.00	100.00

Table 2

DAILY STATISTICS
 BUDDY #42001 MAY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	25.478	0.583	24.800	25.700
SEATEMP	24	26.403	0.955	25.070	27.820
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:2 -----					
AIRTEMP	24	25.083	0.284	24.700	25.800
SEATEMP	24	26.037	0.875	25.280	27.820
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:3 -----					
AIRTEMP	24	24.275	0.317	23.800	25.000
SEATEMP	24	25.106	0.209	24.880	25.710
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:4 -----					
AIRTEMP	24	25.137	0.331	24.700	25.700
SEATEMP	24	25.089	0.157	24.920	25.350
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:5 -----					
AIRTEMP	24	25.133	0.551	23.400	25.800
SEATEMP	24	25.044	0.089	24.930	25.210
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:6 -----					
AIRTEMP	24	24.333	0.348	23.800	24.900
SEATEMP	24	24.992	0.733	24.640	25.350
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.

Table 3

DAILY STATISTICS
 BUDDY #42001 MAY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	23.892	0.275	23.400	24.500
SEATEMP	24	25.083	0.128	24.870	25.280
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:8 -----					
AIRTEMP	24	23.771	0.534	23.100	24.700
SEATEMP	24	25.244	0.426	24.640	26.040
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:9 -----					
AIRTEMP	23	24.283	0.380	23.800	25.100
SEATEMP	23	25.877	0.443	25.010	26.430
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:10 -----					
AIRTEMP	24	24.500	0.412	24.000	25.300
SEATEMP	24	25.335	0.334	24.980	25.820
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:11 -----					
AIRTEMP	24	22.958	0.748	22.000	24.800
SEATEMP	24	25.214	0.264	24.870	25.680
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:12 -----					
AIRTEMP	24	22.250	0.782	21.400	23.500
SEATEMP	24	25.265	0.385	24.880	25.980
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MAY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	23.478	0.570	22.900	24.400
SEATEMP	24	25.303	0.325	24.950	25.920
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:14 -----					
AIRTEMP	24	24.629	0.588	24.000	25.700
SEATEMP	24	25.495	0.475	25.040	26.310
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:15 -----					
AIRTEMP	24	24.829	0.512	24.300	25.900
SEATEMP	24	25.788	0.451	25.240	26.870
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:16 -----					
AIRTEMP	24	25.271	0.280	24.800	25.700
SEATEMP	24	25.423	0.203	25.230	25.040
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:17 -----					
AIRTEMP	24	25.733	0.288	25.300	25.100
SEATEMP	24	25.383	0.213	25.180	25.810
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:18 -----					
AIRTEMP	24	25.921	0.280	25.600	26.400
SEATEMP	24	25.761	0.312	25.420	26.430
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	25.087	0.340	25.600	25.700
SEATEMP	24	25.870	0.318	25.650	26.840
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:20 -----					
AIRTEMP	23	25.213	0.459	24.300	26.200
SEATEMP	24	26.064	0.238	25.760	26.460
WINDSPED	0	.	.	.	.
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:21 -----					
AIRTEMP	22	23.785	0.827	22.800	24.800
SEATEMP	11	25.832	0.181	25.730	26.280
WINDSPED	12	3.586	1.881	1.020	6.400
SIGWVHT	0	.	.	.	.
AVWVPR	0	.	.	.	.
----- DAY:22 -----					
AIRTEMP	17	24.547	0.203	24.200	24.800
SEATEMP	1	25.180	.	25.180	25.180
WINDSPED	17	5.080	1.083	4.170	7.630
SIGWVHT	1	0.900	.	0.900	0.900
AVWVPR	1	3.700	.	3.700	3.700

Table 3 (continue)

42001 JUNE 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 JUNE 1981

AIRTEMP	AIR TEMPERATURE (C)	
SEATEMP	SEA TEMPERATURE (C)	
BAROMTR	BAROMETER (MB)	
WINDSPED	WIND SPEED (M/SEC)	
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)	
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)	
AVWVPR	AVERAGE WAVE PERIODS (SEC)	

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	715	28.206	0.558	23.700	29.900	6.200	-1.026	6.168
SEATEMP	715	27.488	0.838	25.000	29.200	4.200	-0.241	-0.144
BAROMTR	715	1014.976	1.843	1011.000	1019.800	8.800	-0.079	-0.831
WINDSPED	715	5.833	2.473	0.100	12.100	12.000	0.253	-0.744
WINDDRC	715	95.107	26.809	23.700	163.600	139.900	-0.201	-0.014
SIGWVHT	715	1.080	0.582	0.100	2.800	2.700	0.532	-0.288
AVWVPR	715	4.537	0.815	2.900	7.000	4.100	-0.420	-0.503

Table 1

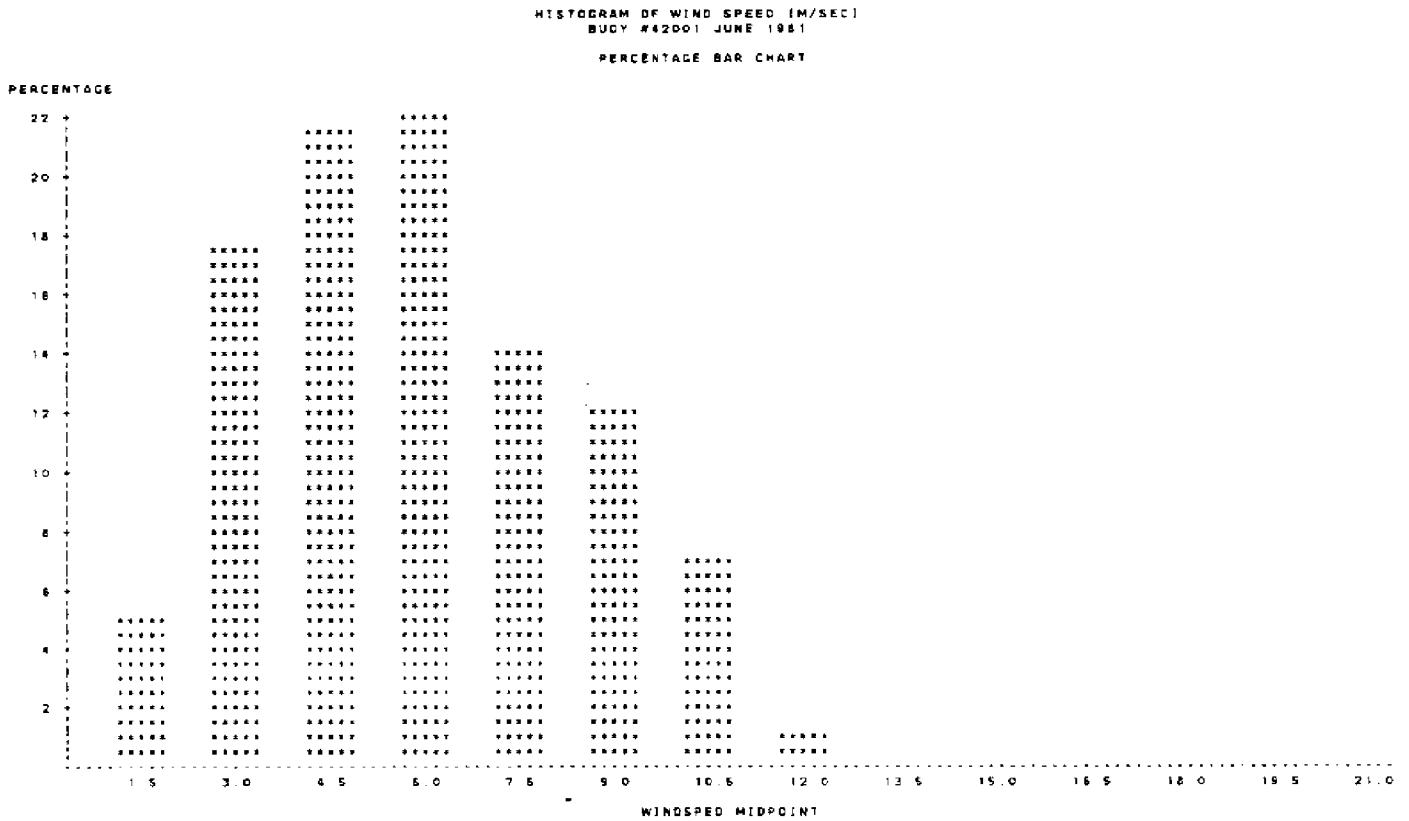


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 JUNE 1981

PERCENTAGE BAR CHART

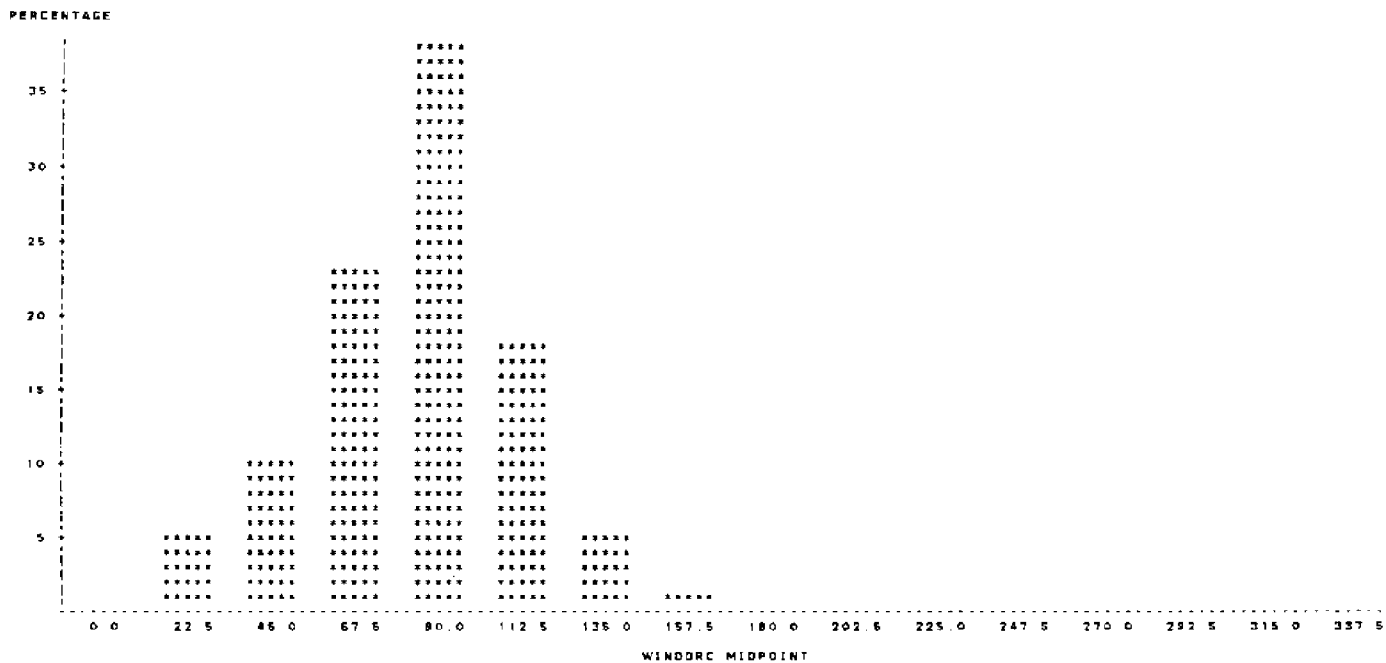


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 JUNE 1981

PERCENTAGE BAR CHART

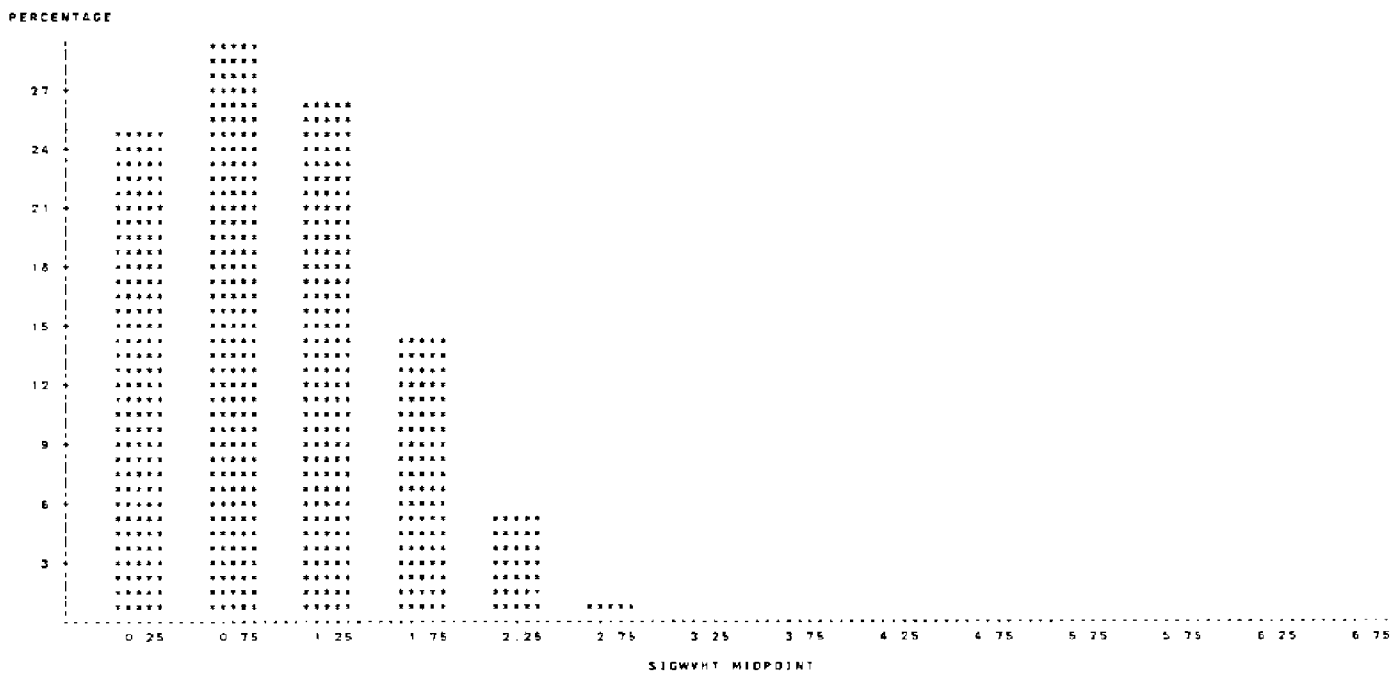


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD [SEC]
 BUOY #42001 JUNE 1981

PERCENTAGE BAR CHART

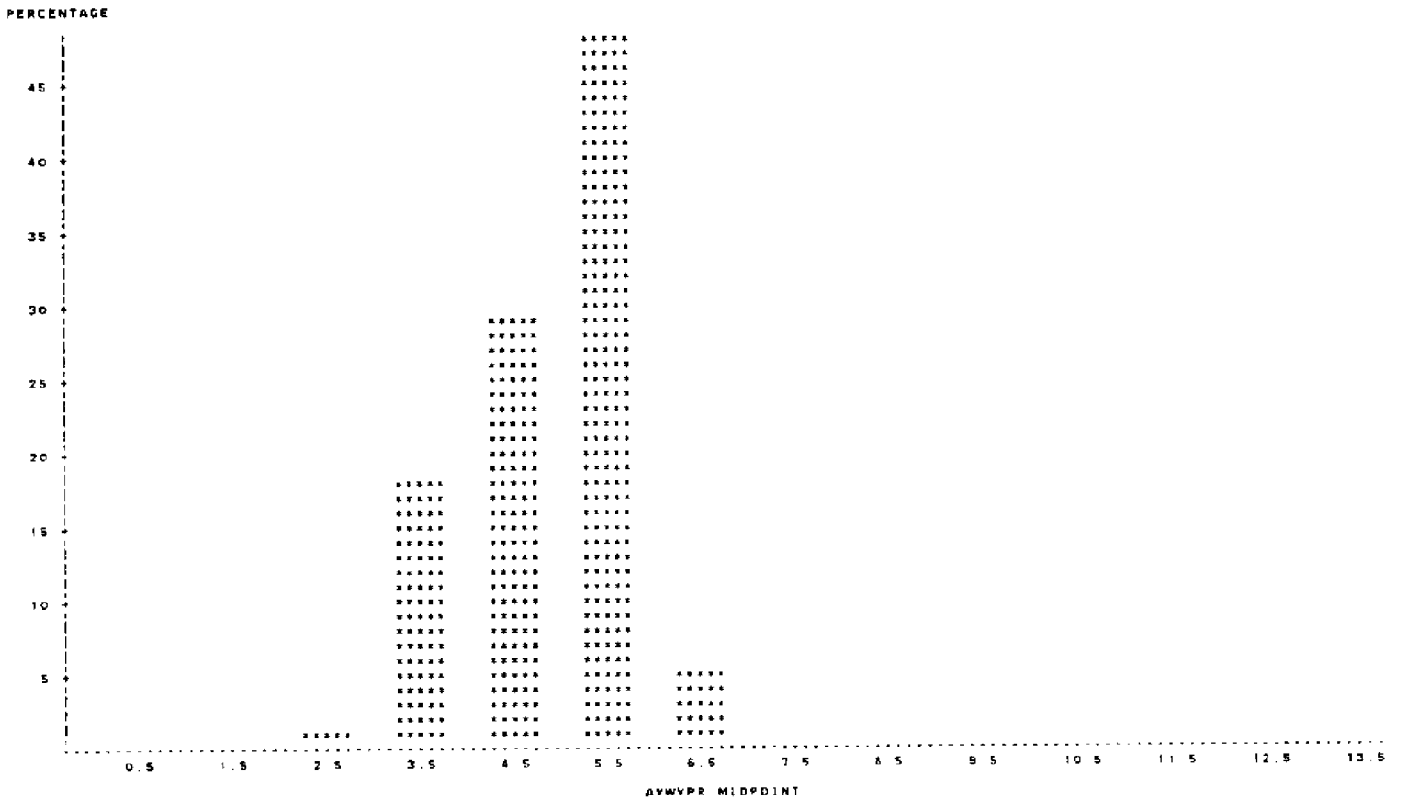


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 JUNE 1981

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT						TOTAL
FREQUENCY	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	
PERCENT							
ROW PCT							
COL PCT							
<=3.0	5 0.70 100.00 2.86	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.70
<=4.0	115 15.06 31.27 65.71	0 1.54 8.73 5.26	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	126 17.80
<=5.0	55 7.58 26.57 31.43	118 16.42 57.00 56.56	34 4.75 16.43 18.18	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	207 28.91
<=6.0	0 0.00 0.00 0.00	80 11.17 23.26 38.28	152 21.23 44.19 81.28	95 13.83 28.78 59.00	13 1.82 3.78 33.33	0 0.00 0.00 0.00	344 48.04
<=7.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.14 2.94 0.53	1 0.14 2.94 1.00	26 3.63 76.47 66.67	6 0.84 17.65 100.00	34 4.75
TOTAL	175 24.44	208 29.16	187 26.12	100 13.97	38 5.45	6 0.84	716 100.00

Table 2

DAILY STATISTICS
 BUOY #42001 JUNE 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	27.487	0.368	27.000	28.000
SEATEMP	24	26.258	0.243	26.000	26.700
WINDSPED	24	5.779	1.105	3.900	8.100
SIGWVHT	24	0.758	0.058	0.700	0.800
AVWVPR	24	4.186	0.143	4.000	4.500
----- DAY:2 -----					
AIRTEMP	24	27.600	0.187	27.300	27.900
SEATEMP	24	26.362	0.166	26.100	26.600
WINDSPED	24	5.887	0.765	4.400	6.800
SIGWVHT	24	0.892	0.141	0.700	1.100
AVWVPR	24	4.662	0.138	4.400	4.800
----- DAY:3 -----					
AIRTEMP	24	27.582	0.258	27.200	28.100
SEATEMP	24	26.558	0.181	26.400	26.800
WINDSPED	24	6.850	0.803	5.200	8.400
SIGWVHT	24	1.121	0.088	1.000	1.300
AVWVPR	24	4.817	0.156	4.600	5.100
----- DAY:4 -----					
AIRTEMP	24	27.896	0.075	27.700	28.000
SEATEMP	24	26.646	0.066	26.600	26.800
WINDSPED	24	8.362	0.849	6.400	10.000
SIGWVHT	24	1.333	0.241	1.000	1.600
AVWVPR	24	5.104	0.181	4.800	5.500
----- DAY:5 -----					
AIRTEMP	24	27.917	0.096	27.800	28.100
SEATEMP	24	26.521	0.228	26.300	27.000
WINDSPED	24	7.725	1.952	3.600	10.400
SIGWVHT	24	1.692	0.189	1.600	2.100
AVWVPR	24	5.654	0.141	5.400	5.900
----- DAY:6 -----					
AIRTEMP	24	27.871	0.224	27.600	28.300
SEATEMP	24	26.754	0.236	26.500	27.200
WINDSPED	24	4.967	1.216	3.100	7.800
SIGWVHT	24	1.196	0.112	1.000	1.400
AVWVPR	24	5.462	0.161	5.300	5.800

Table 3

DAILY STATISTICS
 BUOY #42001 JUNE 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	28.025	0.340	27.600	28.600
SEATEMP	24	27.187	0.348	26.800	27.900
WINDSPED	24	3.879	0.853	2.100	5.100
SIGWVHT	24	0.983	0.143	0.800	1.300
AVWVPR	24	5.667	0.201	5.400	6.100
----- DAY:8 -----					
AIRTEMP	24	28.271	0.300	27.600	28.700
SEATEMP	24	27.458	0.184	27.200	27.800
WINDSPED	24	4.126	0.950	2.300	6.300
SIGWVHT	24	0.833	0.101	0.700	1.000
AVWVPR	24	5.583	0.204	5.300	5.900
----- DAY:9 -----					
AIRTEMP	24	28.433	0.143	28.200	28.600
SEATEMP	24	27.583	0.124	27.400	27.600
WINDSPED	24	6.878	1.124	3.500	7.500
SIGWVHT	24	0.998	0.178	0.700	1.300
AVWVPR	24	5.252	0.121	5.100	5.500
----- DAY:10 -----					
AIRTEMP	24	28.579	0.125	28.400	28.800
SEATEMP	24	27.875	0.166	27.500	28.000
WINDSPED	24	7.125	1.487	4.800	9.800
SIGWVHT	24	1.421	0.243	1.100	1.800
AVWVPR	24	5.442	0.324	5.000	6.000
----- DAY:11 -----					
AIRTEMP	24	28.550	0.110	28.300	28.700
SEATEMP	24	27.658	0.125	27.500	27.900
WINDSPED	24	8.825	1.366	5.200	10.400
SIGWVHT	24	1.596	0.146	1.300	1.900
AVWVPR	24	5.462	0.246	5.100	5.900
----- DAY:12 -----					
AIRTEMP	24	28.617	0.185	28.000	28.600
SEATEMP	24	27.654	0.072	27.400	27.800
WINDSPED	24	9.721	1.207	7.300	11.600
SIGWVHT	24	1.808	0.353	1.500	2.500
AVWVPR	24	5.725	0.437	5.200	6.700

Table 3 (continue)

DAILY STATISTICS
BUDY #42001 JUNE 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#13 -----					
AIRTEMP	24	28.436	0.181	28.100	28.700
SEATEMP	24	27.312	0.074	27.200	27.400
WINDSPED	24	9.725	0.892	8.100	11.400
SIGWVHT	24	2.278	0.256	1.900	2.800
AVWVPR	24	6.167	0.461	5.400	7.000
----- DAY#14 -----					
AIRTEMP	24	28.454	0.153	28.100	28.700
SEATEMP	24	27.279	0.153	27.100	27.500
WINDSPED	24	9.562	1.257	7.000	12.100
SIGWVHT	24	2.129	0.358	1.600	2.700
AVWVPR	24	6.025	0.356	5.600	6.700
----- DAY#15 -----					
AIRTEMP	22	28.400	0.098	28.200	28.500
SEATEMP	22	27.380	0.091	27.200	27.500
WINDSPED	22	8.550	0.898	7.100	10.700
SIGWVHT	22	1.850	0.165	1.500	2.100
AVWVPR	22	5.782	0.206	5.400	6.200
----- DAY#16 -----					
AIRTEMP	24	28.242	0.202	27.800	28.600
SEATEMP	24	27.362	0.113	27.200	27.600
WINDSPED	24	7.054	0.901	5.800	8.200
SIGWVHT	24	1.817	0.101	1.200	1.900
AVWVPR	24	5.433	0.208	5.100	5.800
----- DAY#17 -----					
AIRTEMP	24	28.096	0.291	27.800	28.700
SEATEMP	24	27.433	0.390	27.000	28.200
WINDSPED	24	4.804	1.318	2.200	6.700
SIGWVHT	24	0.975	0.103	0.700	1.100
AVWVPR	24	5.254	0.202	5.000	5.700
----- DAY#18 -----					
AIRTEMP	24	28.304	0.279	27.900	28.800
SEATEMP	24	27.862	0.634	27.200	29.100
WINDSPED	24	2.667	1.626	0.500	5.000
SIGWVHT	24	0.867	0.134	0.300	0.800
AVWVPR	24	4.767	0.262	4.500	5.500

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#19 -----					
AIRTEMP	24	28.567	0.554	27.900	29.500
SEATEMP	24	28.000	0.451	27.800	28.800
WINDSPED	24	3.442	0.785	1.800	4.700
SIGWVHT	24	0.342	0.066	0.200	0.400
AVWVPR	24	3.787	0.205	3.400	4.200
----- DAY#20 -----					
AIRTEMP	24	28.858	0.363	28.400	29.500
SEATEMP	24	28.154	0.382	27.500	28.900
WINDSPED	24	3.471	1.002	2.100	5.800
SIGWVHT	24	0.243	0.087	0.100	0.400
AVWVPR	24	3.337	0.222	2.900	3.600
----- DAY#21 -----					
AIRTEMP	24	28.854	0.455	28.300	29.800
SEATEMP	24	28.304	0.485	27.700	29.200
WINDSPED	24	2.704	1.200	0.800	5.000
SIGWVHT	24	0.217	0.048	0.100	0.300
AVWVPR	24	3.354	0.110	3.100	3.500
----- DAY#22 -----					
AIRTEMP	24	28.596	0.339	27.800	29.300
SEATEMP	24	28.167	0.306	27.800	29.000
WINDSPED	24	4.579	0.927	3.000	6.400
SIGWVHT	24	0.442	0.135	0.200	0.700
AVWVPR	24	3.825	0.297	3.400	4.500
----- DAY#23 -----					
AIRTEMP	24	28.198	0.454	27.000	28.800
SEATEMP	24	27.825	0.104	27.700	28.000
WINDSPED	24	6.787	1.227	4.200	10.100
SIGWVHT	24	1.078	0.232	0.700	1.500
AVWVPR	24	4.992	0.280	4.500	5.700
----- DAY#24 -----					
AIRTEMP	24	27.887	1.101	23.700	28.700
SEATEMP	24	27.829	0.157	27.500	28.100
WINDSPED	24	5.050	1.538	1.300	7.500
SIGWVHT	24	1.237	0.189	1.000	1.600
AVWVPR	24	5.350	0.257	4.800	5.900

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 JUNE 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 25 -----					
AIRTEMP	22	27.823	0.475	27.000	28.800
SEATEMP	22	27.759	0.096	27.800	27.800
WINDSPED	22	5.618	2.060	0.100	9.700
SIGWVHT	22	0.918	0.118	0.700	1.100
AVWVPR	22	4.800	0.218	4.400	5.100
----- DAY: 26 -----					
AIRTEMP	24	27.428	0.487	26.300	28.100
SEATEMP	24	27.783	0.131	27.800	28.000
WINDSPED	24	3.037	0.721	1.700	5.100
SIGWVHT	24	0.842	0.156	0.500	1.000
AVWVPR	24	4.692	0.132	4.400	5.000
----- DAY: 27 -----					
AIRTEMP	24	27.886	0.710	27.000	28.300
SEATEMP	24	28.025	0.425	27.700	28.900
WINDSPED	24	2.850	0.936	1.300	4.600
SIGWVHT	24	0.425	0.115	0.300	0.500
AVWVPR	24	4.400	0.306	4.000	5.000
----- DAY: 28 -----					
AIRTEMP	24	28.425	0.304	28.000	28.900
SEATEMP	24	28.096	0.235	27.800	28.500
WINDSPED	24	4.025	0.791	2.500	5.800
SIGWVHT	24	0.358	0.050	0.300	0.400
AVWVPR	24	3.975	0.327	3.600	4.600
----- DAY: 29 -----					
AIRTEMP	24	28.400	0.527	26.600	29.000
SEATEMP	24	28.167	0.235	27.800	28.800
WINDSPED	24	4.804	1.520	2.000	8.300
SIGWVHT	24	0.500	0.066	0.400	0.800
AVWVPR	24	3.800	0.223	3.400	4.200
----- DAY: 30 -----					
AIRTEMP	24	28.462	0.270	27.800	28.800
SEATEMP	24	28.150	0.116	28.000	28.400
WINDSPED	24	7.667	1.662	4.700	10.600
SIGWVHT	24	1.475	0.272	0.700	1.900
AVWVPR	24	5.228	0.447	3.800	6.600

Table 3 (continue)

42001 JULY 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 JULY 1981

AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BAROMTR BAROMETER (MB)
 WINDSPED WIND SPEED (M/SEC)
 WINDDRG WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWVHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWVPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	742	29.074	0.864	24.700	33.400	8.700	0.358	5.722
SEATEMP	743	28.841	0.720	27.700	31.800	4.100	0.935	1.284
BAROMTR	743	1016.911	1.848	1013.400	1021.200	7.800	0.306	-0.484
WINDSPED	719	4.365	2.428	0.100	16.000	15.900	0.406	0.188
WINDDRG	743	104.143	66.427	0.100	359.600	359.500	1.673	3.802
SIGWVHT	743	0.832	0.404	0.100	2.100	2.000	0.926	0.879
AVWVPR	743	4.284	0.925	2.600	6.300	3.700	0.126	0.501

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 JULY 1981
 PERCENTAGE BAR CHART

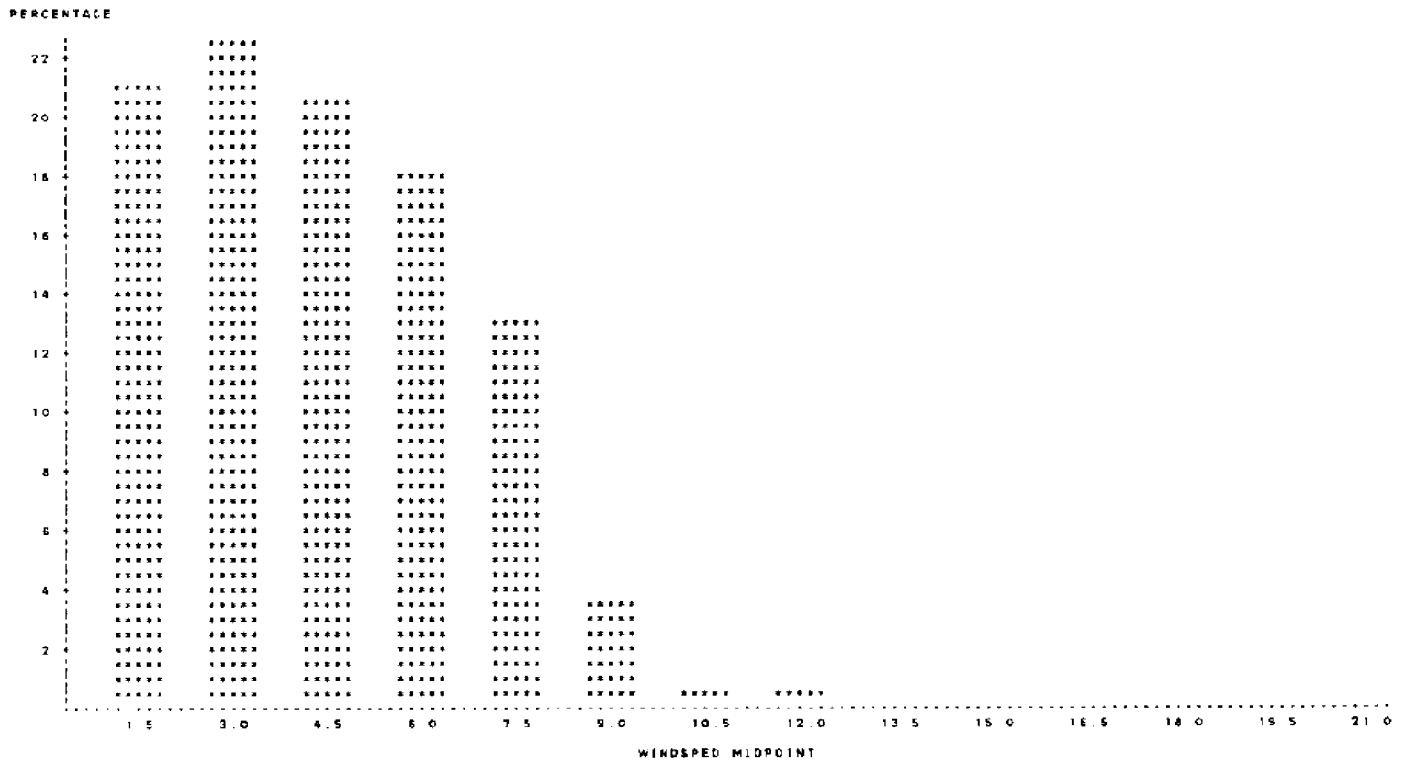


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 JULY 1981

PERCENTAGE BAR CHART

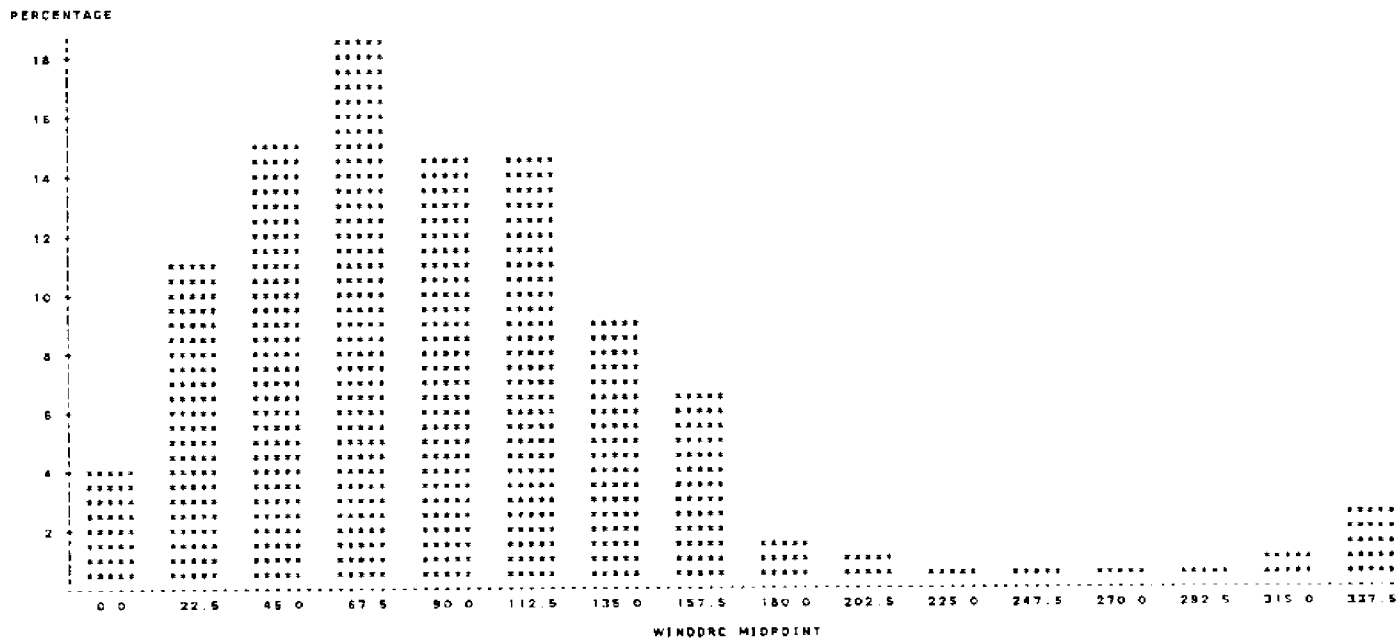


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 JULY 1981

PERCENTAGE BAR CHART

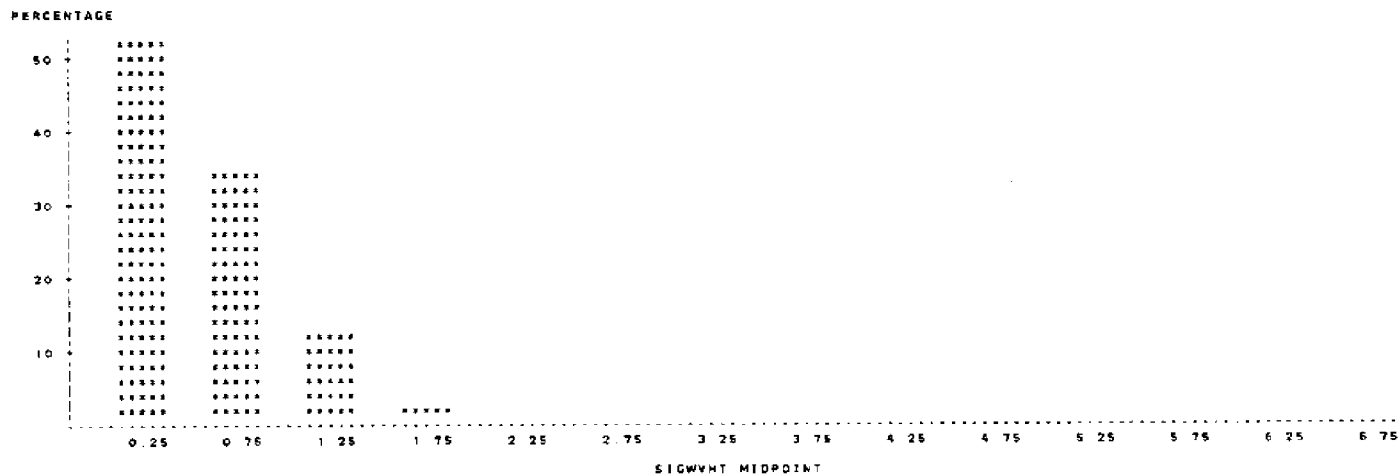


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 JULY 1981

PERCENTAGE BAR CHART

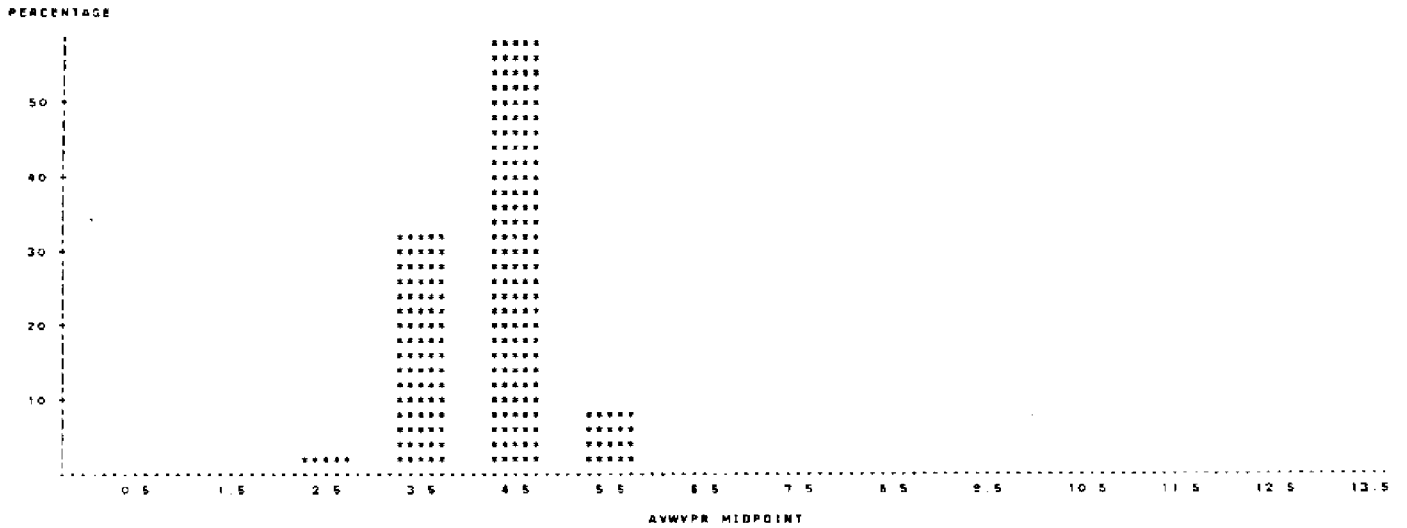


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 JULY 1981

TABLE OF AVWVPR BY SIGWVHT

AVWVPR	SIGWVHT					TOTAL
	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	
0.0	20	0	0	0	0	20
0.5	2.69	0.00	0.00	0.00	0.00	2.69
1.0	100.00	0.00	0.00	0.00	0.00	100.00
1.5	5.25	0.00	0.00	0.00	0.00	5.25
2.0	215	18	0	0	0	233
2.5	28.94	2.56	0.00	0.00	0.00	31.50
3.0	91.88	8.12	0.00	0.00	0.00	100.00
3.5	56.43	7.45	0.00	0.00	0.00	63.88
4.0	142	232	53	2	0	429
4.5	19.11	31.22	7.13	0.27	0.00	57.73
5.0	33.10	54.08	12.35	0.47	0.00	100.00
5.5	37.27	90.98	63.10	8.52	0.00	199.87
6.0	4	4	30	14	2	54
6.5	0.54	0.54	4.04	1.88	0.27	7.27
7.0	7.41	7.41	55.86	25.93	3.70	94.51
7.5	1.06	1.57	35.71	66.87	100.00	205.21
8.0	0	0	1	5	0	6
8.5	0.00	0.00	0.13	0.67	0.00	0.80
9.0	0.00	0.00	16.67	83.33	0.00	100.00
9.5	0.00	0.00	1.19	23.81	0.00	25.00
TOTAL	381	256	84	21	2	744
	51.28	34.32	11.31	2.83	0.27	100.00

Table 2

DAILY STATISTICS
 BUOY #42001 JULY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE

DAY#1					
AIRTEMP	24	28.321	0.147	28.000	28.600
SEATEMP	24	28.025	0.111	27.900	28.200
WINDSPED	24	6.358	1.204	4.900	9.300
SIGWVHT	24	1.525	0.213	1.100	2.000
AVWVPR	24	5.798	0.356	5.200	6.300

DAY#2					
AIRTEMP	24	27.812	0.641	25.900	28.600
SEATEMP	24	27.817	0.127	27.700	28.200
WINDSPED	24	6.464	1.800	4.400	12.600
SIGWVHT	24	1.037	0.071	0.900	1.200
AVWVPR	24	5.012	0.221	4.500	5.600

DAY#3					
AIRTEMP	24	27.967	1.005	25.100	28.900
SEATEMP	24	27.887	0.112	27.800	28.200
WINDSPED	24	7.071	1.388	4.400	10.000
SIGWVHT	24	0.823	0.081	0.800	1.100
AVWVPR	24	4.604	0.246	4.100	5.000

DAY#4					
AIRTEMP	24	28.242	0.496	26.500	28.800
SEATEMP	24	27.967	0.137	27.800	28.200
WINDSPED	24	5.203	0.738	3.500	6.400
SIGWVHT	24	0.771	0.127	0.600	1.100
AVWVPR	24	4.354	0.110	4.200	4.600

DAY#5					
AIRTEMP	24	28.550	0.153	28.200	28.800
SEATEMP	24	27.975	0.170	27.800	28.300
WINDSPED	24	5.780	1.004	3.600	7.200
SIGWVHT	24	0.679	0.065	0.600	0.800
AVWVPR	24	4.267	0.165	4.100	4.500

DAY#6					
AIRTEMP	24	28.671	0.207	28.300	29.000
SEATEMP	24	28.179	0.141	28.000	28.400
WINDSPED	24	6.942	1.217	4.600	8.900
SIGWVHT	24	0.904	0.152	0.700	1.100
AVWVPR	24	4.517	0.169	4.300	4.800

Table 3

DAILY STATISTICS
 BUOY #42001 JULY 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE

DAY#7					
AIRTEMP	24	28.879	0.169	28.500	29.100
SEATEMP	24	28.286	0.095	28.200	28.500
WINDSPED	24	6.892	1.146	4.900	8.700
SIGWVHT	24	1.092	0.093	1.000	1.300
AVWVPR	24	4.796	0.123	4.600	5.000

DAY#8					
AIRTEMP	24	28.867	0.260	28.300	29.400
SEATEMP	24	28.348	0.156	28.200	28.600
WINDSPED	24	6.279	1.139	3.800	7.900
SIGWVHT	24	0.946	0.078	0.800	1.100
AVWVPR	24	4.858	0.169	4.400	5.000

DAY#9					
AIRTEMP	24	28.062	0.232	28.600	29.500
SEATEMP	24	28.437	0.204	28.200	28.800
WINDSPED	24	5.237	1.604	2.800	9.100
SIGWVHT	24	0.850	0.102	0.700	1.000
AVWVPR	24	4.942	0.159	4.200	4.800

DAY#10					
AIRTEMP	23	28.347	0.602	27.000	29.300
SEATEMP	24	28.442	0.221	28.100	29.100
WINDSPED	20	2.315	1.270	0.300	4.500
SIGWVHT	24	0.562	0.056	0.500	0.700
AVWVPR	24	4.217	0.270	3.500	4.500

DAY#11					
AIRTEMP	24	28.575	0.546	27.500	29.400
SEATEMP	24	28.504	0.416	28.100	29.400
WINDSPED	23	1.596	0.955	0.100	3.100
SIGWVHT	24	0.375	0.129	0.200	0.600
AVWVPR	24	4.679	0.308	3.800	5.300

DAY#12					
AIRTEMP	23	29.161	0.315	28.700	29.700
SEATEMP	23	28.363	0.326	28.100	29.000
WINDSPED	23	4.004	0.813	2.300	5.800
SIGWVHT	23	0.332	0.090	0.200	0.400
AVWVPR	23	3.835	0.208	3.600	4.200

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JULY 1961

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#13 -----					
AIRTEMP	24	29.246	0.361	27.800	29.700
SEATEMP	24	28.800	0.340	28.100	29.100
WINDSPED	24	4.237	1.782	0.800	8.000
SIGWHT	24	0.842	0.083	0.400	0.800
AVWVPR	24	4.342	0.289	3.800	4.800
----- DAY#14 -----					
AIRTEMP	24	28.121	0.186	28.800	28.800
SEATEMP	24	28.629	0.188	28.300	28.800
WINDSPED	23	3.870	1.409	1.000	5.800
SIGWHT	24	0.617	0.124	0.500	0.800
AVWVPR	24	4.458	0.323	3.700	5.000
----- DAY#15 -----					
AIRTEMP	24	28.956	0.542	27.800	29.700
SEATEMP	24	28.729	0.300	28.300	29.300
WINDSPED	21	2.414	1.117	0.800	4.300
SIGWHT	24	0.371	0.089	0.300	0.500
AVWVPR	24	4.187	0.248	3.800	4.600
----- DAY#16 -----					
AIRTEMP	24	28.842	1.250	28.400	33.000
SEATEMP	24	28.182	0.812	28.400	31.100
WINDSPED	21	1.619	0.847	0.200	2.800
SIGWHT	24	0.250	0.061	0.200	0.300
AVWVPR	24	3.987	0.126	3.700	4.200
----- DAY#17 -----					
AIRTEMP	24	30.246	1.784	28.800	33.200
SEATEMP	24	29.775	1.090	28.800	31.800
WINDSPED	22	1.395	0.786	0.100	3.500
SIGWHT	24	0.183	0.038	0.100	0.200
AVWVPR	24	3.833	0.109	3.700	4.200
----- DAY#18 -----					
AIRTEMP	24	28.682	0.768	28.300	31.500
SEATEMP	24	28.682	0.810	28.800	31.400
WINDSPED	21	1.181	0.832	0.100	2.600
SIGWHT	24	0.100	0.000	0.100	0.100
AVWVPR	24	3.738	0.201	3.500	4.100

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#19 -----					
AIRTEMP	24	29.833	0.782	29.100	32.100
SEATEMP	24	29.658	0.639	28.800	30.800
WINDSPED	24	2.312	1.503	0.100	4.800
SIGWHT	24	0.133	0.048	0.100	0.200
AVWVPR	24	3.342	0.308	2.700	3.800
----- DAY#20 -----					
AIRTEMP	24	29.887	0.647	29.100	31.500
SEATEMP	24	28.808	0.688	29.100	31.100
WINDSPED	24	2.696	1.504	0.500	5.300
SIGWHT	24	0.312	0.085	0.200	0.500
AVWVPR	24	3.675	0.257	3.300	4.200
----- DAY#21 -----					
AIRTEMP	24	29.029	0.825	27.200	30.100
SEATEMP	24	28.379	0.368	28.000	30.500
WINDSPED	19	3.905	1.980	0.400	7.600
SIGWHT	24	0.367	0.070	0.200	0.500
AVWVPR	24	3.850	0.687	2.700	4.400
----- DAY#22 -----					
AIRTEMP	24	28.904	0.914	28.800	30.100
SEATEMP	24	29.229	0.218	29.000	29.800
WINDSPED	24	2.804	1.814	0.100	8.200
SIGWHT	24	0.375	0.162	0.200	0.800
AVWVPR	24	3.379	0.234	2.700	3.700
----- DAY#23 -----					
AIRTEMP	24	28.182	0.550	27.700	30.100
SEATEMP	24	28.262	0.273	28.000	29.800
WINDSPED	24	3.058	1.565	0.800	5.500
SIGWHT	24	0.425	0.151	0.200	0.700
AVWVPR	24	3.567	0.101	3.400	3.700
----- DAY#24 -----					
AIRTEMP	24	28.183	0.365	27.800	28.800
SEATEMP	24	28.125	0.133	28.000	29.400
WINDSPED	24	4.929	1.629	2.300	7.500
SIGWHT	24	0.421	0.172	0.200	0.800
AVWVPR	24	3.508	0.474	2.700	4.100

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JULY 1961

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	29.048	0.561	27.000	29.600
SEATEMP	24	28.925	0.129	28.800	29.200
WINDSPED	24	6.804	2.074	5.800	16.000
SIGWVHT	24	1.571	0.230	0.800	2.100
AVWVPR	24	5.192	0.477	4.100	5.800
----- DAY:26 -----					
AIRTEMP	24	29.387	0.337	28.800	29.800
SEATEMP	24	28.958	0.114	28.800	29.200
WINDSPED	24	7.512	1.700	4.400	12.800
SIGWVHT	24	1.278	0.178	1.000	1.600
AVWVPR	24	4.954	0.187	4.700	5.400
----- DAY:27 -----					
AIRTEMP	24	29.542	0.248	29.000	29.900
SEATEMP	24	29.087	0.231	28.900	29.500
WINDSPED	24	5.483	1.282	3.400	7.300
SIGWVHT	24	0.821	0.125	0.700	1.100
AVWVPR	24	4.637	0.174	4.400	4.900
----- DAY:28 -----					
AIRTEMP	24	29.525	0.368	28.500	30.200
SEATEMP	24	29.367	0.253	29.000	30.100
WINDSPED	24	3.679	1.111	1.800	5.400
SIGWVHT	24	0.578	0.114	0.400	0.800
AVWVPR	24	4.296	0.277	3.800	4.900
----- DAY:29 -----					
AIRTEMP	24	29.587	0.264	29.000	30.300
SEATEMP	24	29.528	0.222	29.100	30.200
WINDSPED	24	2.988	1.134	0.800	5.200
SIGWVHT	24	0.445	0.051	0.400	0.500
AVWVPR	24	4.321	0.378	3.800	4.900
----- DAY:30 -----					
AIRTEMP	24	29.221	1.682	24.700	33.400
SEATEMP	24	29.479	0.426	29.200	31.000
WINDSPED	22	3.100	1.280	0.800	7.800
SIGWVHT	24	0.237	0.058	0.200	0.400
AVWVPR	24	4.308	0.284	3.900	4.700

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JULY 1961

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	28.300	0.706	27.100	30.500
SEATEMP	24	28.467	0.243	28.200	30.000
WINDSPED	24	3.171	1.452	0.800	6.800
SIGWVHT	24	0.250	0.088	0.200	0.500
AVWVPR	24	4.154	0.605	2.800	5.100

Table 3 (continue)

42001 AUGUST 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 AUGUST 1981

AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BARDMTR BARDMETER (MM)
 WINDSPED WIND SPEED (M/SEC)
 WINDDRC WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWVHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWVPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	742	29.452	0.799	25.700	33.300	7.600	-0.356	4.502
SEATEMP	743	29.513	0.563	28.300	32.800	4.500	1.211	4.720
BARDMTR	743	1015.080	2.342	1010.100	1021.000	10.900	0.204	-0.555
WINDSPED	724	6.135	2.285	0.100	14.600	14.500	0.412	-0.036
WINDDRC	743	110.886	72.326	0.300	359.900	359.600	1.289	1.947
SIGWVHT	743	0.588	0.338	0.100	1.900	1.800	1.174	0.815
AVWVPR	743	4.351	0.555	2.800	6.900	3.100	0.213	-0.297

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUDY #42001 AUGUST 1981

PERCENTAGE BAR CHART

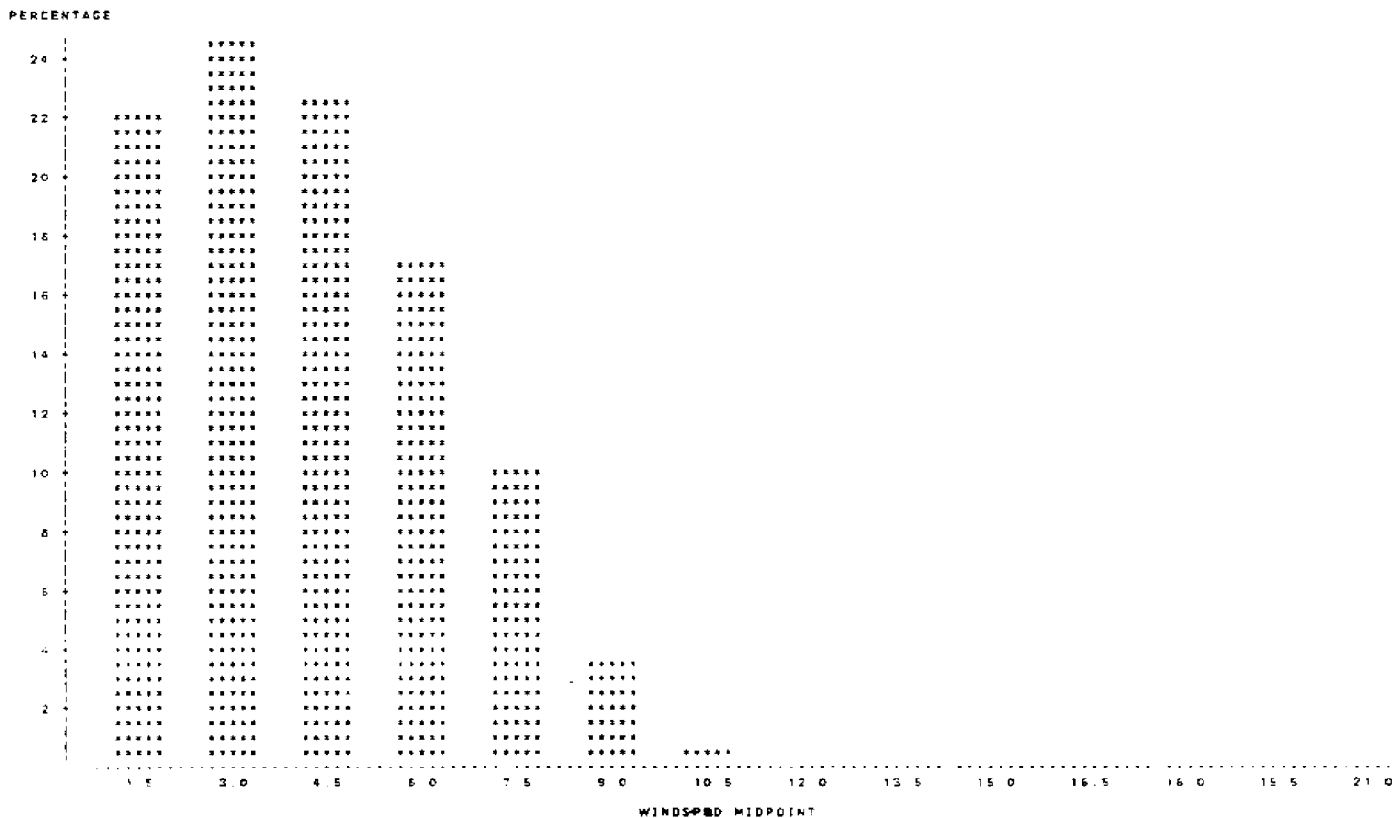


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 AUGUST 1981

PERCENTAGE BAR CHART

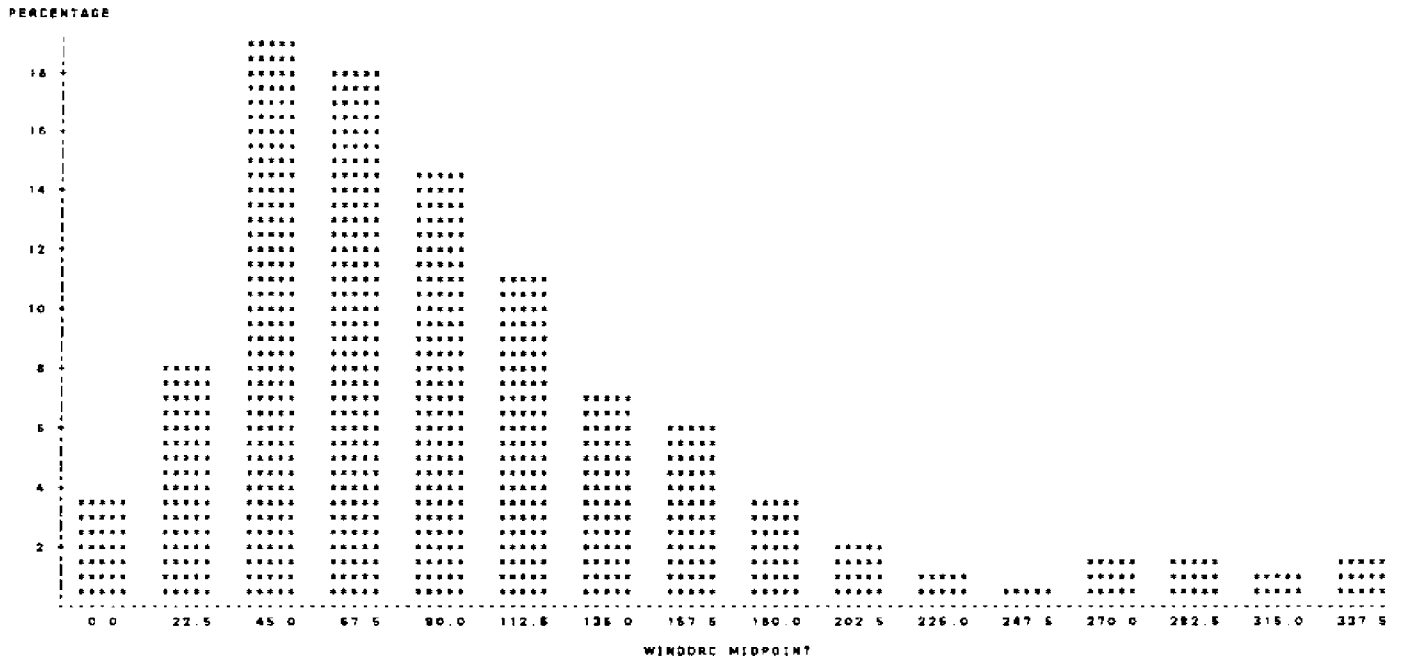


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 AUGUST 1981

PERCENTAGE BAR CHART

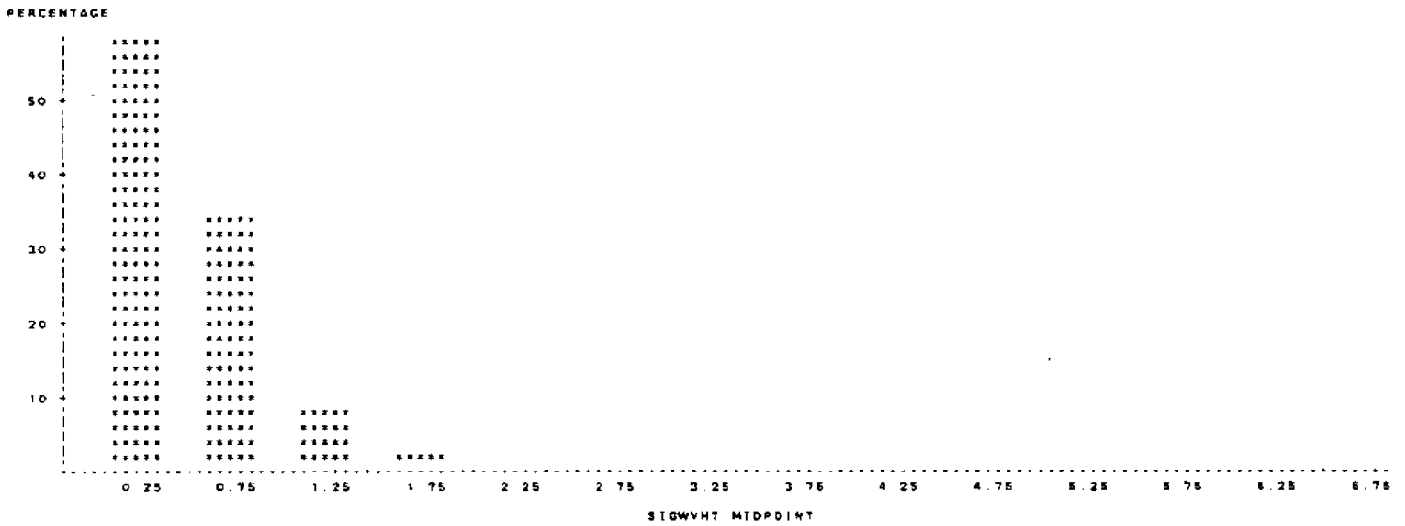


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 AUGUST 1981
 PERCENTAGE BAR CHART

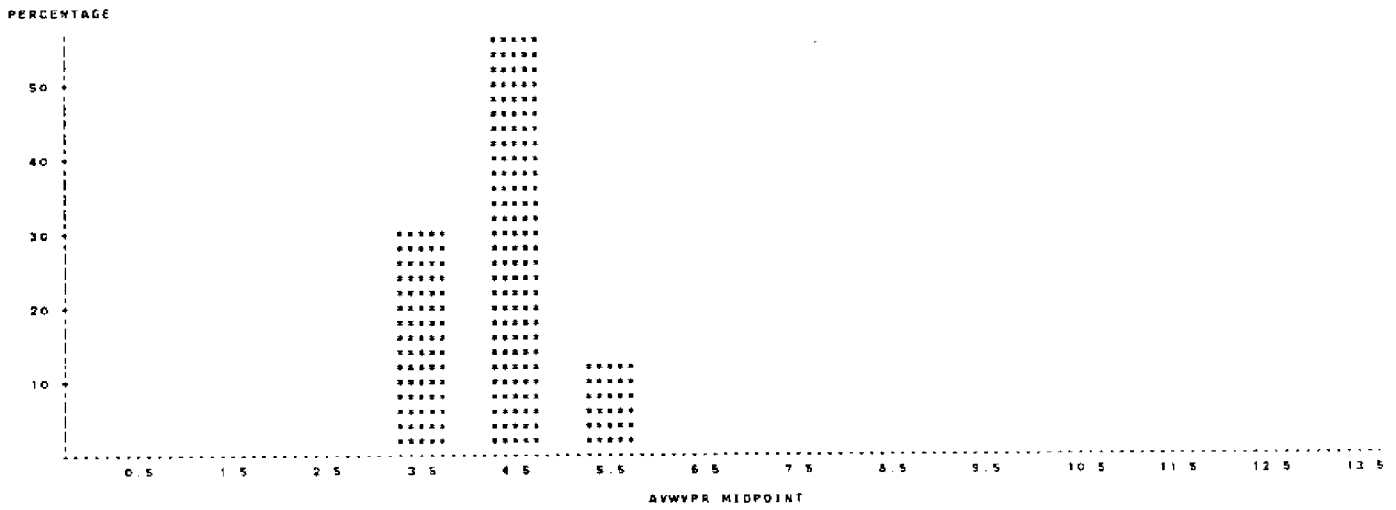


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 AUGUST 1981

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT				TOTAL
	<=0.5	<=1.0	<=1.5	<=2.0	
FREQUENCY					
PERCENT					
ROW PCT					
COL PCT					
<=3.0	3	0	0	0	3
	0.40	0.00	0.00	0.00	0.40
	100.00	0.00	0.00	0.00	
	0.70	0.00	0.00	0.00	
<=4.0	168	58	1	0	228
	22.61	7.94	0.13	0.00	30.68
	73.68	25.88	0.64	0.00	
	39.34	23.89	1.73	0.00	
<=5.0	223	180	18	0	422
	30.01	24.23	2.98	0.00	56.80
	52.84	42.85	4.50	0.00	
	52.22	72.87	33.85	0.00	
<=6.0	33	8	36	13	80
	4.44	1.08	4.85	1.75	12.11
	35.67	6.69	40.00	14.44	
	7.73	3.24	64.29	100.00	
TOTAL	427	247	56	13	743
	57.47	33.24	7.54	1.75	100.00

Table 2

DAILY STATISTICS
 BUOY #42001 AUGUST 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY 1 -----					
AIRTEMP	24	28.200	0.888	27.700	31.000
SEATEMP	24	29.578	0.805	29.100	30.700
WINDSPED	22	2.191	1.582	0.500	5.900
SIGWVHT	24	0.387	0.117	0.200	0.600
AVWVPR	24	3.642	0.447	3.000	4.500
----- DAY 2 -----					
AIRTEMP	24	30.212	1.484	28.500	33.200
SEATEMP	24	30.200	1.261	29.200	32.800
WINDSPED	21	1.300	1.025	0.100	3.500
SIGWVHT	24	0.264	0.072	0.100	0.400
AVWVPR	24	4.712	0.400	3.500	5.300
----- DAY 3 -----					
AIRTEMP	24	29.808	0.720	28.700	31.800
SEATEMP	24	30.050	0.745	29.200	31.400
WINDSPED	24	1.467	1.072	0.100	4.300
SIGWVHT	24	0.312	0.088	0.200	0.400
AVWVPR	24	4.804	0.314	4.300	5.600
----- DAY 4 -----					
AIRTEMP	24	29.750	0.369	28.800	30.500
SEATEMP	24	29.662	0.374	29.200	30.400
WINDSPED	24	2.458	1.228	0.500	4.500
SIGWVHT	24	0.375	0.081	0.300	0.500
AVWVPR	24	4.604	0.347	3.900	5.400
----- DAY 5 -----					
AIRTEMP	24	29.696	0.485	28.200	30.400
SEATEMP	24	29.771	0.382	29.300	30.500
WINDSPED	23	1.974	1.029	0.400	4.200
SIGWVHT	24	0.325	0.055	0.200	0.400
AVWVPR	24	4.512	0.235	3.700	4.800
----- DAY 6 -----					
AIRTEMP	24	29.004	0.765	27.000	30.400
SEATEMP	24	29.760	0.366	28.300	30.300
WINDSPED	24	2.568	1.262	0.100	5.100
SIGWVHT	24	0.325	0.044	0.300	0.400
AVWVPR	24	4.250	0.359	3.500	4.700

Table 3

DAILY STATISTICS
 BUOY #42001 AUGUST 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY 7 -----					
AIRTEMP	24	29.429	0.386	28.700	30.100
SEATEMP	24	29.739	0.330	29.400	30.400
WINDSPED	24	2.778	1.130	0.500	4.800
SIGWVHT	24	0.362	0.085	0.300	0.500
AVWVPR	24	4.512	0.170	4.200	4.800
----- DAY 8 -----					
AIRTEMP	24	29.679	0.387	29.000	30.400
SEATEMP	24	29.782	0.230	29.500	30.200
WINDSPED	24	3.862	1.201	1.400	5.500
SIGWVHT	24	0.300	0.029	0.200	0.400
AVWVPR	24	4.008	0.613	3.200	4.800
----- DAY 9 -----					
AIRTEMP	24	30.146	0.928	29.300	33.300
SEATEMP	24	30.137	0.841	29.600	31.400
WINDSPED	22	2.314	0.926	0.900	3.700
SIGWVHT	24	0.337	0.045	0.300	0.400
AVWVPR	24	4.048	0.311	3.400	4.400
----- DAY 10 -----					
AIRTEMP	23	30.022	0.646	28.700	31.200
SEATEMP	23	29.962	0.372	29.700	31.000
WINDSPED	22	3.914	1.373	0.700	5.000
SIGWVHT	23	0.322	0.080	0.200	0.400
AVWVPR	23	3.665	0.250	3.300	4.100
----- DAY 11 -----					
AIRTEMP	24	29.000	0.713	28.000	30.000
SEATEMP	24	29.858	0.206	29.300	30.000
WINDSPED	24	4.683	2.073	0.800	5.500
SIGWVHT	24	0.754	0.204	0.400	1.100
AVWVPR	24	4.400	0.566	3.500	5.300
----- DAY 12 -----					
AIRTEMP	24	29.154	0.280	28.500	29.600
SEATEMP	24	29.504	0.105	28.400	29.700
WINDSPED	24	5.525	1.602	3.800	9.400
SIGWVHT	24	0.912	0.151	0.700	1.200
AVWVPR	24	4.687	0.170	4.400	5.000

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 AUGUST 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	28.700	0.488	28.000	31.400
SEATEMP	24	28.529	0.317	29.300	30.300
WINDSPED	24	4.383	1.407	0.100	7.000
SIGWVHT	24	0.576	0.079	0.500	0.800
AVWVPR	24	4.367	0.218	4.000	4.800
----- DAY: 14 -----					
AIRTEMP	24	29.625	0.388	28.900	30.200
SEATEMP	24	29.637	0.260	29.300	30.000
WINDSPED	24	3.383	0.988	1.900	6.500
SIGWVHT	24	0.404	0.088	0.300	0.500
AVWVPR	24	4.080	0.252	3.400	4.500
----- DAY: 15 -----					
AIRTEMP	24	29.850	0.308	29.100	30.400
SEATEMP	24	29.612	0.185	29.400	29.800
WINDSPED	24	4.442	0.886	2.900	6.000
SIGWVHT	24	0.487	0.070	0.400	0.600
AVWVPR	24	3.686	0.178	3.400	4.000
----- DAY: 16 -----					
AIRTEMP	24	29.809	0.248	29.400	30.500
SEATEMP	24	29.617	0.181	29.400	29.800
WINDSPED	24	4.417	1.058	2.500	7.200
SIGWVHT	24	0.517	0.085	0.400	0.700
AVWVPR	24	3.808	0.150	3.600	4.200
----- DAY: 17 -----					
AIRTEMP	24	29.687	0.406	29.000	30.400
SEATEMP	24	29.825	0.387	29.500	30.700
WINDSPED	23	2.448	1.114	0.200	4.400
SIGWVHT	24	0.367	0.068	0.300	0.900
AVWVPR	24	4.417	0.235	4.100	5.000
----- DAY: 18 -----					
AIRTEMP	24	29.342	0.538	27.700	30.000
SEATEMP	24	29.854	0.420	29.400	30.700
WINDSPED	21	2.029	1.278	0.100	5.100
SIGWVHT	24	0.279	0.041	0.200	0.300
AVWVPR	24	5.229	0.214	4.800	5.500

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	23	29.000	1.017	26.800	30.600
SEATEMP	24	29.825	0.182	29.400	30.000
WINDSPED	21	2.862	1.902	0.100	5.700
SIGWVHT	24	0.321	0.072	0.200	0.400
AVWVPR	24	3.771	0.428	2.800	4.300
----- DAY: 20 -----					
AIRTEMP	24	29.421	0.830	27.800	30.600
SEATEMP	24	29.883	0.241	29.400	30.200
WINDSPED	22	3.900	1.333	0.700	6.200
SIGWVHT	24	0.242	0.068	0.200	0.400
AVWVPR	24	3.788	0.286	3.200	4.500
----- DAY: 21 -----					
AIRTEMP	24	28.858	1.286	26.100	30.600
SEATEMP	24	29.711	0.176	29.300	30.000
WINDSPED	23	5.030	2.830	0.400	14.800
SIGWVHT	24	0.554	0.255	0.200	1.300
AVWVPR	24	3.783	0.127	3.500	4.100
----- DAY: 22 -----					
AIRTEMP	24	28.350	0.760	26.500	29.700
SEATEMP	24	29.212	0.216	28.800	29.800
WINDSPED	24	4.950	2.370	0.400	8.800
SIGWVHT	24	0.637	0.101	0.500	0.900
AVWVPR	24	3.986	0.248	3.700	4.500
----- DAY: 23 -----					
AIRTEMP	24	28.321	0.400	28.100	30.000
SEATEMP	24	29.421	0.102	29.300	29.700
WINDSPED	24	5.079	1.986	0.600	8.300
SIGWVHT	24	0.657	0.149	0.500	0.800
AVWVPR	24	4.054	0.186	3.800	4.400
----- DAY: 24 -----					
AIRTEMP	24	29.437	0.981	26.800	30.500
SEATEMP	24	29.350	0.066	29.300	29.500
WINDSPED	24	5.804	1.877	0.900	8.700
SIGWVHT	24	0.742	0.114	0.500	0.900
AVWVPR	24	4.108	0.236	3.800	4.700

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 AUGUST 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 25 -----					
AIRTEMP	24	29.358	0.502	28.300	30.200
SEATEMP	24	29.192	0.097	29.000	29.400
WINDSPED	24	8.129	1.136	4.300	9.000
SIGWVHT	24	0.812	0.112	0.600	1.100
AVWVPR	24	4.354	0.223	3.900	4.800
----- DAY: 26 -----					
AIRTEMP	24	28.346	0.875	26.700	29.700
SEATEMP	24	29.008	0.088	28.900	29.100
WINDSPED	24	6.317	1.870	2.400	9.800
SIGWVHT	24	1.000	0.110	0.900	1.300
AVWVPR	24	4.429	0.199	4.100	4.800
----- DAY: 27 -----					
AIRTEMP	24	29.084	0.379	28.200	29.800
SEATEMP	24	28.871	0.137	28.700	29.200
WINDSPED	24	5.750	1.338	3.300	7.900
SIGWVHT	24	0.921	0.088	0.700	1.000
AVWVPR	24	4.658	0.226	4.300	5.000
----- DAY: 28 -----					
AIRTEMP	24	29.396	0.858	26.200	30.100
SEATEMP	24	28.583	0.131	28.400	28.900
WINDSPED	24	5.317	1.788	0.700	7.200
SIGWVHT	24	0.854	0.161	0.700	1.200
AVWVPR	24	4.633	0.442	4.100	5.700
----- DAY: 29 -----					
AIRTEMP	24	28.950	0.351	29.300	30.600
SEATEMP	24	28.558	0.238	28.300	29.000
WINDSPED	24	8.082	1.257	5.000	10.400
SIGWVHT	24	1.500	0.182	1.200	1.900
AVWVPR	24	5.417	0.224	5.000	5.900
----- DAY: 30 -----					
AIRTEMP	24	29.746	0.156	29.500	30.100
SEATEMP	24	28.654	0.128	28.700	28.100
WINDSPED	24	6.917	1.627	3.400	9.700
SIGWVHT	24	1.354	0.125	1.100	1.800
AVWVPR	24	5.305	0.238	4.800	5.800

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 AUGUST 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 31 -----					
AIRTEMP	24	29.458	0.367	28.900	30.300
SEATEMP	24	28.937	0.193	28.700	29.300
WINDSPED	24	5.033	1.466	3.100	7.800
SIGWVHT	24	0.912	0.115	0.700	1.100
AVWVPR	24	4.852	0.248	4.600	5.400

Table 3 (continue)

42001 SEPTEMBER 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 SEPTEMBER 1981

AIRTEMP	AIR TEMPERATURE (C)		
SEATEMP	SEA TEMPERATURE (C)		
BAROMTR	BAROMETER (MB)		
WINDSPED	WIND SPEED (M/SEC)		
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)		
SIGWHT	SIGNIFICANT WAVE HEIGHTS (M)		
AVWVPR	AVERAGE WAVE PERIODS (SEC)		

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	359	28.618	0.578	27.800	32.700	5.100	1.080	5.230
SEATEMP	362	28.233	0.809	27.800	31.300	3.700	0.380	1.771
BAROMTR	361	1014.493	1.856	1011.100	1018.300	7.200	0.180	0.314
WINDSPED	344	3.739	2.236	0.100	12.000	11.900	0.988	1.051
WINDDRC	357	100.264	76.160	4.000	356.800	351.800	2.080	3.767
SIGWHT	382	0.423	0.329	0.100	1.800	1.700	2.226	5.893
AVWVPR	382	3.841	0.522	2.500	5.800	3.100	0.567	0.618

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 SEPTEMBER 1981

PERCENTAGE BAR CHART

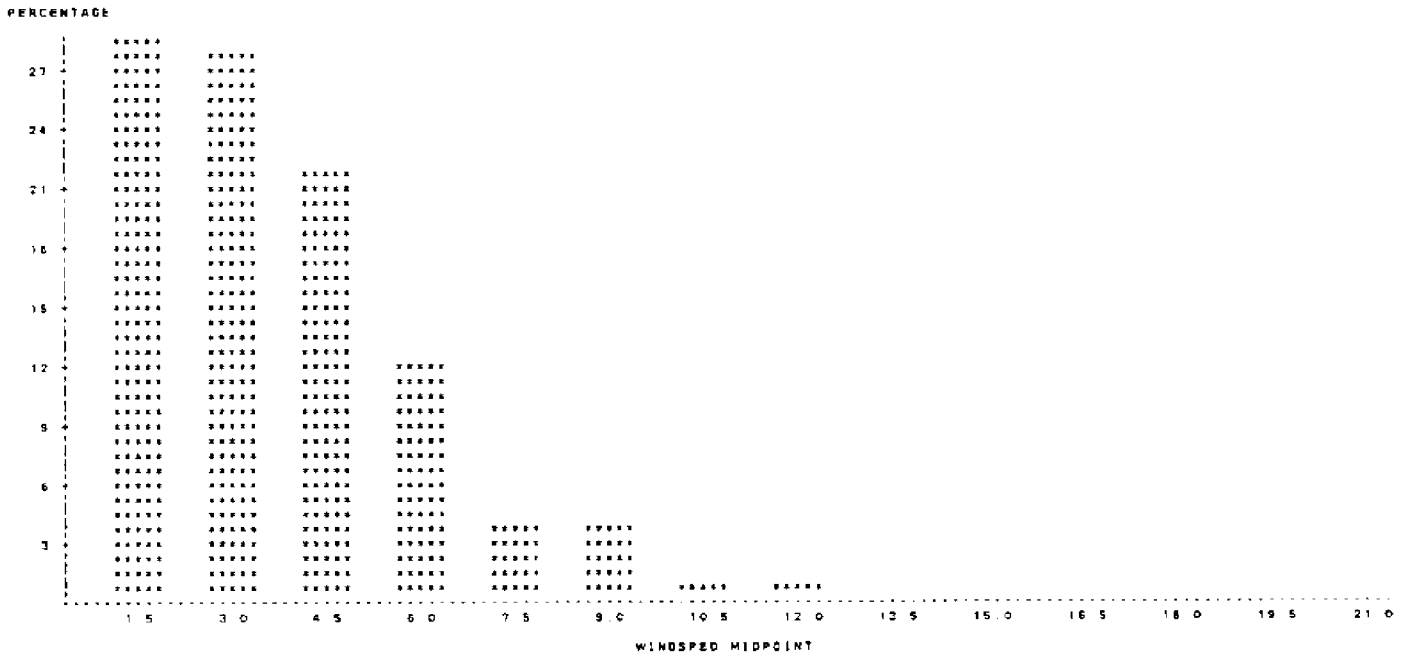


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 SEPTEMBER 1981

PERCENTAGE BAR CHART

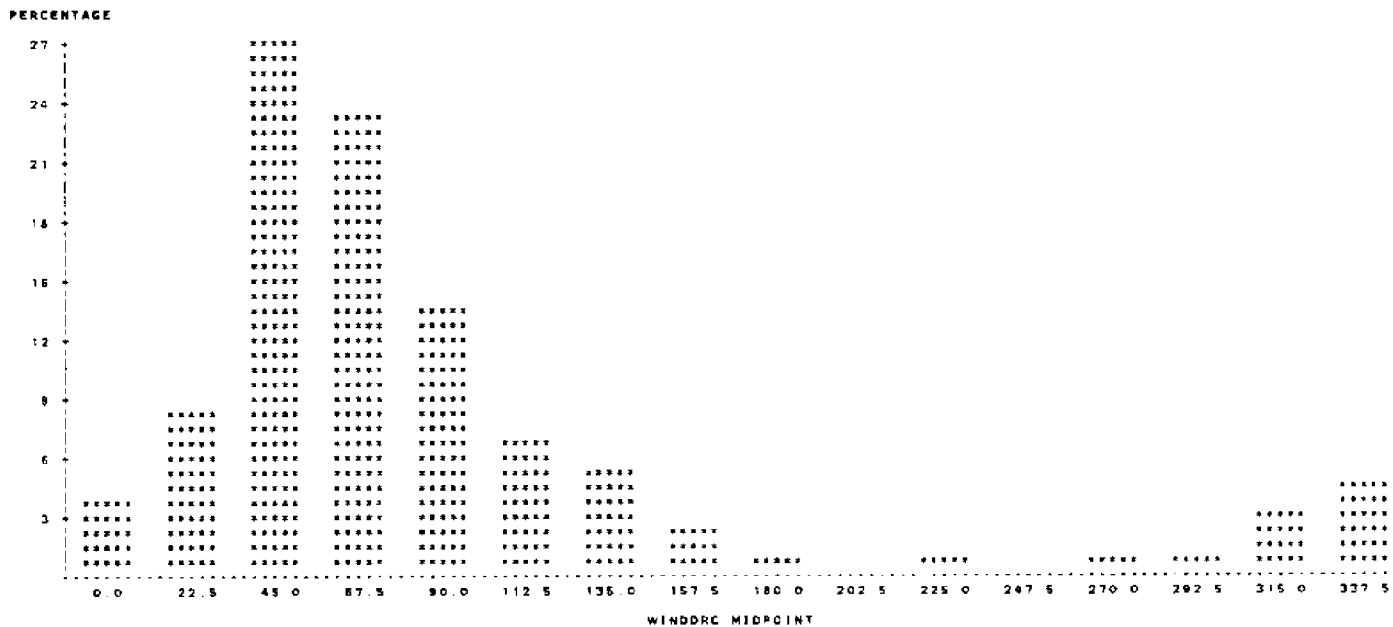


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 SEPTEMBER 1981

PERCENTAGE BAR CHART

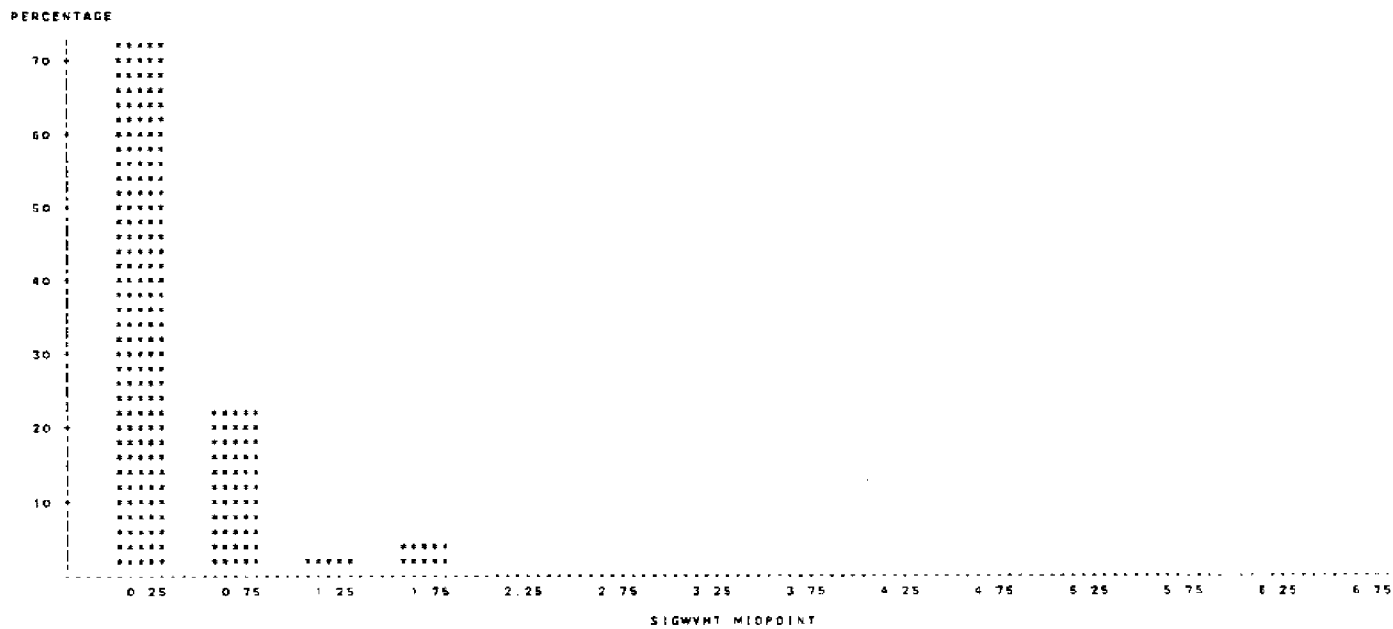


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 SEPTEMBER 1981
 PERCENTAGE BAR CHART

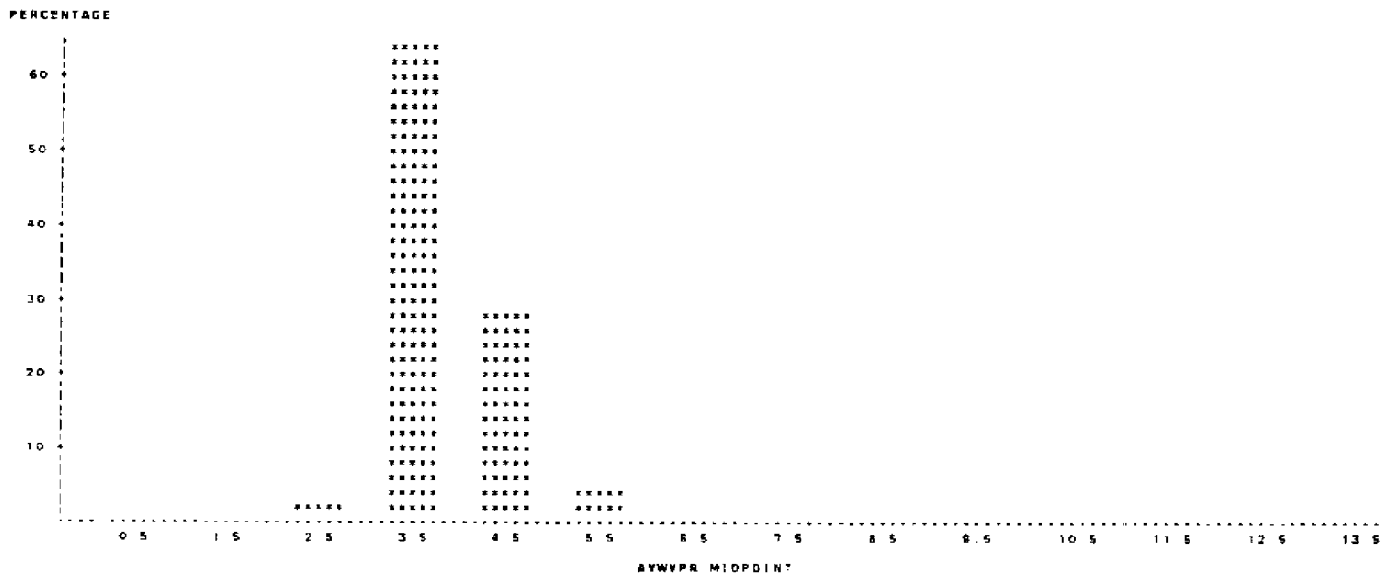


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 SEPTEMBER 1981

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	FREQUENCY				TOTAL
		PERCENT	ROW PCT	COL PCT		
	<=0.5	21	0	0	0	
<=3.0		0	8	0	0	9
			2 63	0 00	0 00	2 63
			100 00	0 00	0 00	
			3 84	0 00	0 00	
<=4.0		0	158	24	0	222
			57 89	7 02	0 00	64 91
			88 19	10 81	0 00	
			80 18	30 77	0 00	
<=5.0		0	40	54	0	85
			11 70	15 78	0 00	27 78
			42 11	58 84	0 00	
			16 18	89 23	0 00	
<=6.0		0	0	0	5	15
			0 00	0 00	1 46	4 58
			0 00	0 00	3 25	
			0 00	0 00	100 00	91 67
TOTAL			247	78	5	382
			72 22	22 81	1 46	100 00

Table 2

DAILY STATISTICS
 BUDY #42001 SEPTEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	29.628	0.276	29.100	30.200
SEATEMP	24	29.079	0.144	28.900	29.400
WINDSPED	24	5.404	1.140	3.500	7.800
SIGWVHT	24	0.728	0.123	0.600	1.000
AVWVPR	24	4.478	0.119	4.200	4.700
----- DAY:2 -----					
AIRTEMP	24	29.637	0.315	29.100	30.500
SEATEMP	24	29.062	0.283	28.800	29.700
WINDSPED	24	4.229	0.976	2.500	5.800
SIGWVHT	24	0.600	0.042	0.500	0.700
AVWVPR	24	4.354	0.189	4.100	4.600
----- DAY:3 -----					
AIRTEMP	23	29.313	0.503	28.400	30.500
SEATEMP	24	29.129	0.299	28.800	29.700
WINDSPED	23	3.117	0.932	1.200	5.400
SIGWVHT	24	0.496	0.051	0.400	0.700
AVWVPR	24	4.612	0.256	3.800	4.900
----- DAY:4 -----					
AIRTEMP	24	29.596	0.358	29.000	30.300
SEATEMP	24	29.192	0.210	29.000	29.600
WINDSPED	24	5.156	1.035	3.700	7.500
SIGWVHT	24	0.537	0.065	0.400	0.800
AVWVPR	24	3.737	0.232	3.300	4.100
----- DAY:5 -----					
AIRTEMP	24	29.583	0.347	29.000	30.100
SEATEMP	24	29.417	0.471	29.000	30.400
WINDSPED	24	3.742	1.629	1.400	6.400
SIGWVHT	24	0.446	0.110	0.300	0.800
AVWVPR	24	3.825	0.079	3.700	3.900
----- DAY:6 -----					
AIRTEMP	22	29.965	0.818	29.000	31.400
SEATEMP	22	29.566	0.576	28.900	30.700
WINDSPED	22	2.956	1.253	0.100	6.300
SIGWVHT	22	0.241	0.050	0.200	0.300
AVWVPR	22	3.795	0.117	3.500	3.900

Table 3

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	21	30.024	1.245	28.200	32.700
SEATEMP	21	29.605	0.705	29.000	31.300
WINDSPED	19	2.105	1.338	0.300	6.700
SIGWVHT	19	0.187	0.072	0.100	0.300
AVWVPR	15	3.633	0.145	3.200	3.800
----- DAY:8 -----					
AIRTEMP	24	29.712	0.620	28.200	30.700
SEATEMP	23	29.526	0.499	29.000	30.400
WINDSPED	18	2.406	1.684	0.100	6.700
SIGWVHT	23	0.152	0.051	0.100	0.200
AVWVPR	23	3.830	0.253	3.300	4.300
----- DAY:9 -----					
AIRTEMP	24	29.882	0.488	29.000	31.400
SEATEMP	24	29.621	0.508	29.100	30.700
WINDSPED	21	1.790	0.877	0.100	3.100
SIGWVHT	24	0.195	0.020	0.100	0.200
AVWVPR	24	3.692	0.351	3.200	4.300
----- DAY:10 -----					
AIRTEMP	24	29.578	0.532	29.600	30.400
SEATEMP	24	29.442	0.340	29.100	30.100
WINDSPED	24	2.250	1.105	0.700	4.400
SIGWVHT	24	0.221	0.072	0.100	0.300
AVWVPR	24	3.587	0.624	2.500	4.400
----- DAY:11 -----					
AIRTEMP	24	29.654	0.956	27.700	31.800
SEATEMP	24	29.537	0.384	29.100	30.400
WINDSPED	23	2.122	1.369	0.100	6.300
SIGWVHT	24	0.203	0.020	0.200	0.300
AVWVPR	24	3.750	0.141	3.500	4.000
----- DAY:12 -----					
AIRTEMP	24	29.929	0.311	29.400	30.600
SEATEMP	24	29.504	0.342	29.200	30.100
WINDSPED	24	2.871	1.046	1.400	4.800
SIGWVHT	24	0.200	0.000	0.200	0.200
AVWVPR	24	3.329	0.249	3.000	3.500

Table 3 (continue)

DAILY STATISTICS
 BODY #42001 SEPTEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	29.804	0.218	29.300	30.000
SEATEMP	24	29.371	0.224	29.100	29.700
WINDSPED	24	4.728	1.413	3.000	7.400
SIGWVHT	24	0.479	0.189	0.200	0.700
AVWVPR	24	3.854	0.230	3.300	4.200
----- DAY:14 -----					
AIRTEMP	24	29.275	0.357	28.500	30.100
SEATEMP	24	29.142	0.239	28.800	29.800
WINDSPED	24	3.642	1.162	1.700	5.800
SIGWVHT	24	0.317	0.056	0.200	0.400
AVWVPR	24	3.667	0.235	3.200	4.000
----- DAY:15 -----					
AIRTEMP	2	29.850	0.212	29.800	30.100
SEATEMP	2	28.850	0.071	28.800	29.000
WINDSPED	2	5.800	0.424	5.600	6.100
SIGWVHT	1	0.300		0.300	0.300
AVWVPR	1	3.500		3.500	3.500
----- DAY:28 -----					
AIRTEMP	6	28.733	0.484	28.400	29.700
SEATEMP	6	27.983	0.041	27.900	28.000
WINDSPED	6	8.283	0.591	7.700	9.100
SIGWVHT	4	1.475	0.098	1.400	1.800
AVWVPR	4	5.300	0.115	5.200	5.400
----- DAY:30 -----					
AIRTEMP	21	29.329	0.190	28.900	29.700
SEATEMP	24	27.721	0.125	27.600	27.800
WINDSPED	18	5.433	1.313	7.600	12.000
SIGWVHT	13	1.615	0.134	1.300	1.800
AVWVPR	13	5.223	0.179	5.000	5.600

Table 3 (continue)

42001 OCTOBER 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 OCTOBER 1981

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUF NRTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	699	27.433	1.819	23.100	30.500	7.400	-0.553	-0.926
SEATEMP	698	27.025	0.665	25.400	28.800	3.400	-0.085	-0.774
BAROMTR	700	1017.026	2.777	1005.900	1025.200	15.300	0.310	0.218
WINDSPED	698	5.853	2.467	0.100	13.900	13.800	0.389	0.056
WINDDRG	698	98.537	58.270	0.900	354.400	353.500	2.110	5.802
SIGWVHT	697	0.966	0.562	0.200	3.300	3.100	1.264	2.225
AVWVPR	692	4.503	0.738	2.900	6.500	3.600	0.261	-0.184

Table 1

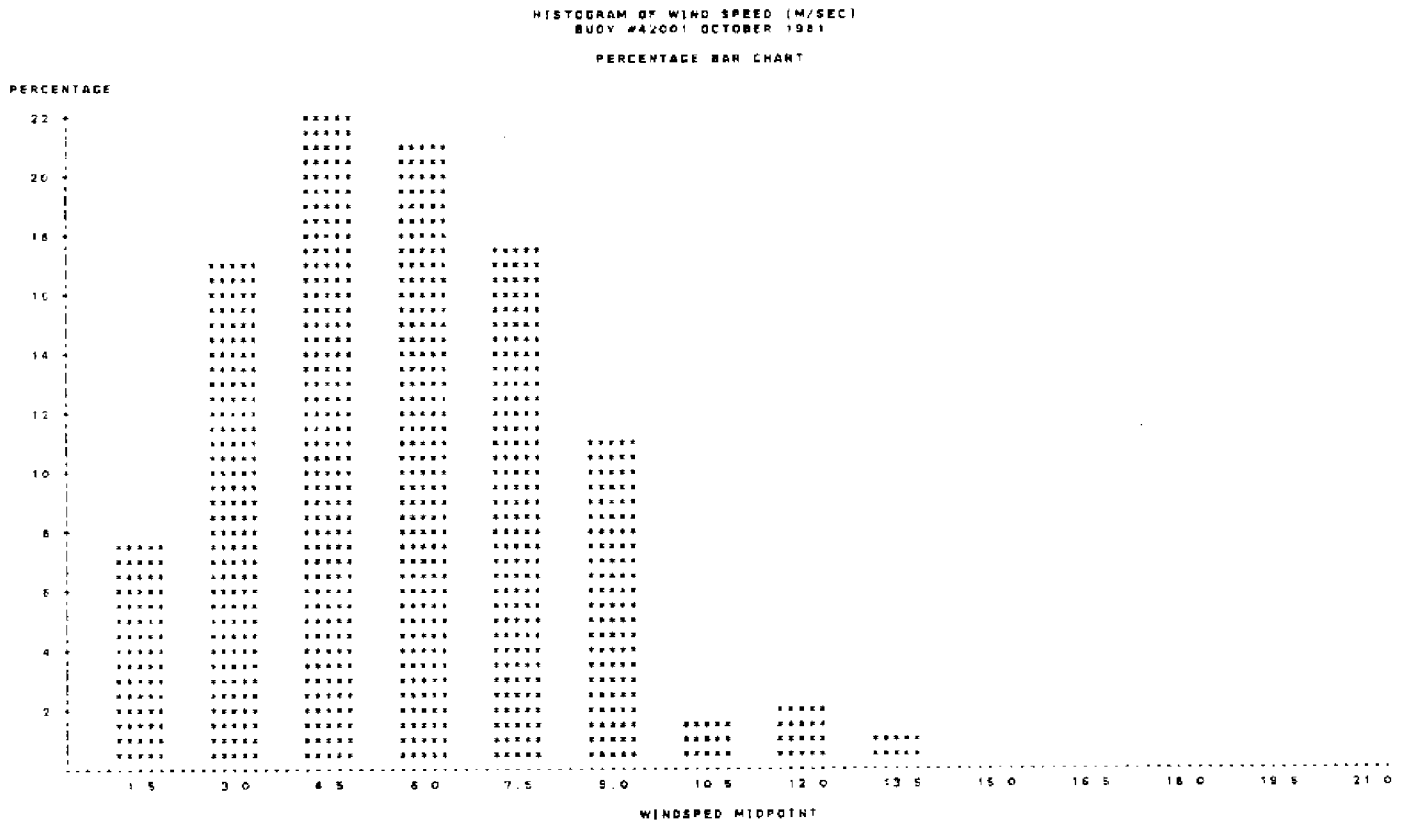


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 OCTOBER 1981

PERCENTAGE BAR CHART

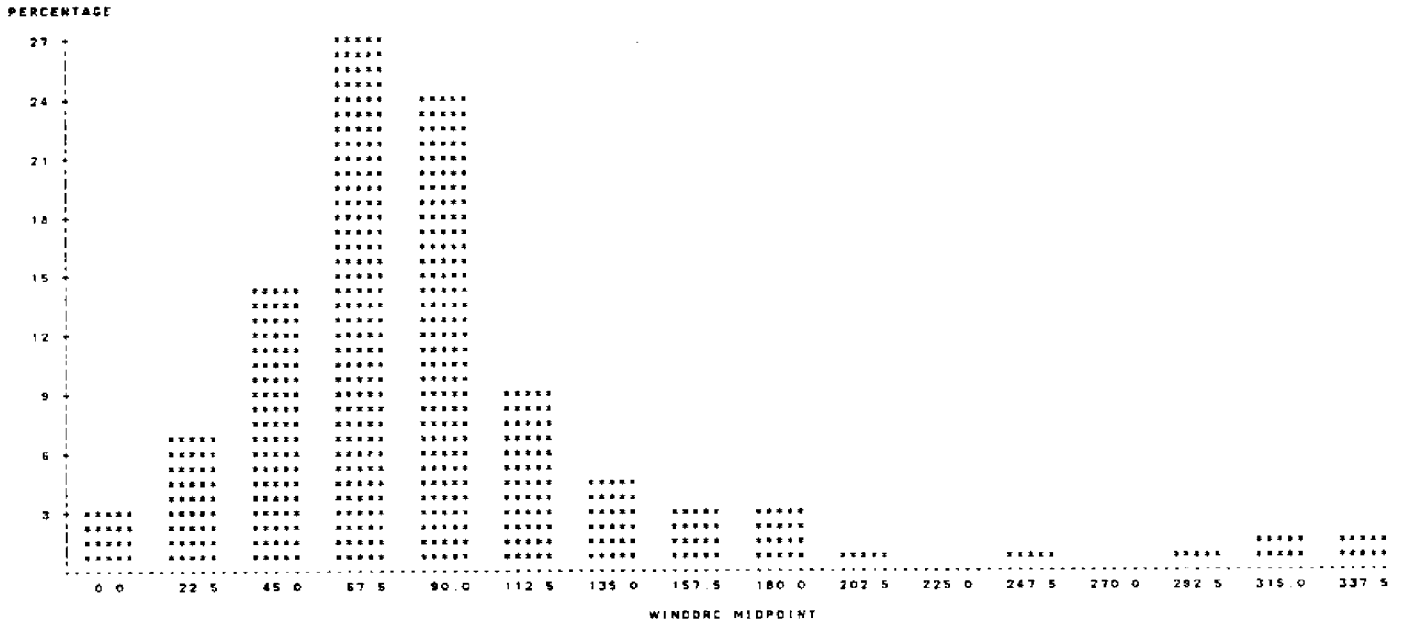


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 OCTOBER 1981

PERCENTAGE BAR CHART

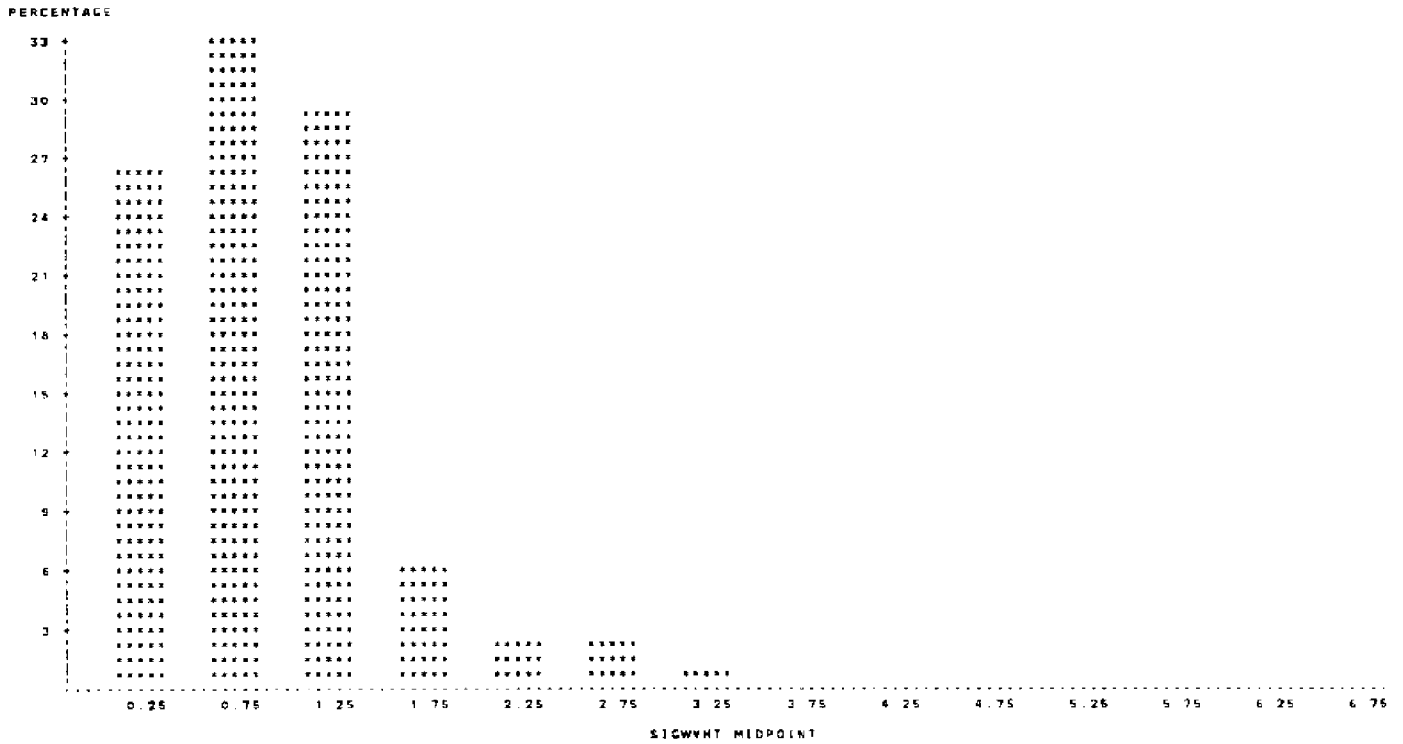


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD [SEC]
 BUOY #42001 OCTOBER 1981

PERCENTAGE BAR CHART

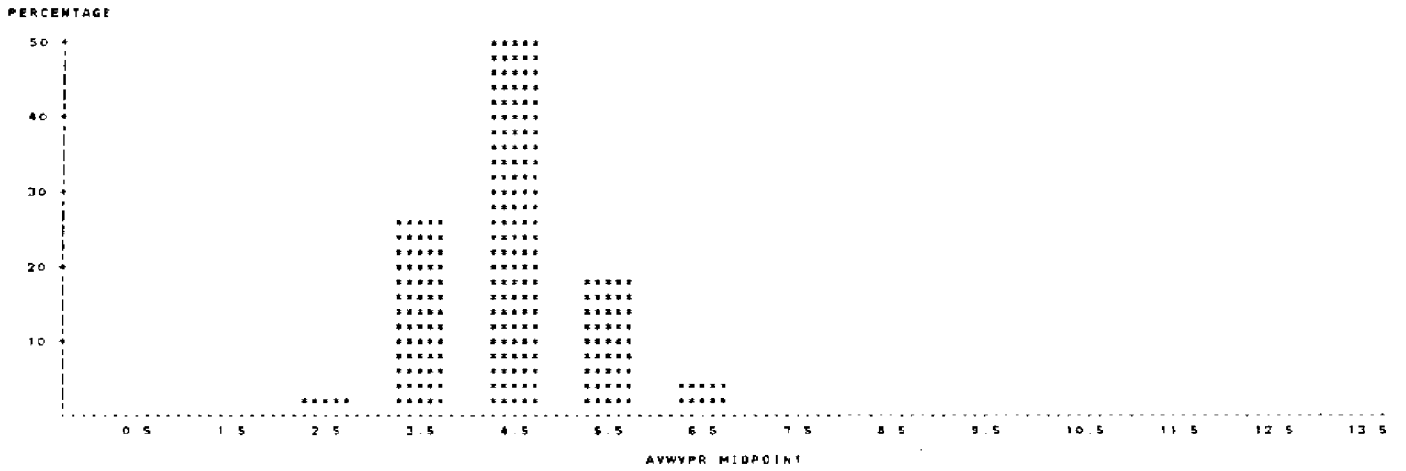


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 OCTOBER 1981

TABLE OF AVWVPR BY SIGWYHT

AVWVPR	SIGWYHT	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	TOTAL
	28	0	0	0	0	0	0	0	
<=3.0	0	0	3	0	0	0	0	0	3
		0.87	0.43	0.00	0.00	0.00	0.00	0.00	1.30
		66.67	33.33	0.00	0.00	0.00	0.00	0.00	
		3.26	1.30	0.00	0.00	0.00	0.00	0.00	
<=4.0	0	82	77	12	0	0	0	0	161
		13.25	11.13	1.73	0.00	0.00	0.00	0.00	26.16
		50.83	42.54	6.63	0.00	0.00	0.00	0.00	
		50.00	33.48	5.97	0.00	0.00	0.00	0.00	
<=5.0	0	86	127	119	14	1	0	0	347
		12.43	18.35	17.20	2.02	0.14	0.00	0.00	50.14
		24.78	36.60	34.25	4.03	0.25	0.00	0.00	
		46.74	55.22	59.20	33.33	5.88	0.00	0.00	
<=6.0	0	0	23	70	24	7	5	1	130
		0.00	3.32	10.12	3.47	1.01	0.72	0.14	18.78
		0.00	17.59	53.65	18.46	5.36	3.85	0.77	
		0.00	10.00	34.83	11.14	4.18	3.71	25.00	
<=7.0	0	0	0	0	4	8	9	3	25
		0.00	0.00	0.00	0.58	1.30	1.30	0.43	3.61
		0.00	0.00	0.00	16.00	38.00	38.00	12.00	
		0.00	0.00	0.00	9.52	52.94	54.29	75.00	
TOTAL		186	230	201	42	17	14	4	592
		26.59	33.24	28.05	6.07	2.46	2.07	0.58	100.00

Table 2

DAILY STATISTICS
 BUOY #42001 OCTOBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	22	28.150	0.533	28.300	29.800
SEATEMP	23	27.804	0.180	27.500	28.100
WINDSPED	22	7.014	1.059	5.500	9.200
SIGWVHT	20	1.360	0.143	1.200	1.600
AVWVPR	20	5.150	0.119	4.900	5.400
----- DAY:2 -----					
AIRTEMP	24	28.754	0.565	27.900	29.700
SEATEMP	24	27.558	0.224	27.300	28.000
WINDSPED	24	4.221	1.292	2.400	6.400
SIGWVHT	22	0.791	0.237	0.500	1.200
AVWVPR	22	4.823	0.233	4.400	5.600
----- DAY:3 -----					
AIRTEMP	24	28.892	0.580	28.000	30.200
SEATEMP	23	27.778	0.592	27.200	28.800
WINDSPED	24	2.762	1.283	1.000	4.800
SIGWVHT	23	0.404	0.111	0.200	0.600
AVWVPR	23	4.409	0.135	4.200	4.700
----- DAY:4 -----					
AIRTEMP	24	28.375	0.567	27.100	29.600
SEATEMP	23	27.713	0.272	27.300	28.100
WINDSPED	24	5.945	1.845	3.400	9.100
SIGWVHT	23	0.739	0.282	0.300	1.100
AVWVPR	23	4.295	0.328	3.500	4.600
----- DAY:5 -----					
AIRTEMP	19	28.737	0.501	27.800	29.500
SEATEMP	19	27.653	0.107	27.500	27.900
WINDSPED	19	6.853	1.258	4.200	8.500
SIGWVHT	19	0.816	0.069	0.700	0.900
AVWVPR	19	3.515	0.134	3.700	4.100
----- DAY:6 -----					
AIRTEMP	10	28.070	0.481	27.600	29.100
SEATEMP	10	27.890	0.218	27.600	28.200
WINDSPED	10	4.580	0.527	3.900	5.600
SIGWVHT	10	0.600	0.047	0.500	0.700
AVWVPR	10	4.230	0.134	4.100	4.500

Table 3

DAILY STATISTICS
 BUOY #42001 OCTOBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	28.837	0.455	28.100	29.800
SEATEMP	24	27.704	0.210	27.400	28.100
WINDSPED	24	3.550	0.533	2.700	4.800
SIGWVHT	24	0.604	0.067	0.500	0.700
AVWVPR	24	4.554	0.275	4.200	5.300
----- DAY:8 -----					
AIRTEMP	24	28.654	0.680	27.700	30.500
SEATEMP	24	27.625	0.445	27.100	28.400
WINDSPED	24	2.325	1.042	0.400	3.600
SIGWVHT	24	0.408	0.125	0.300	0.700
AVWVPR	24	4.466	0.285	4.100	5.100
----- DAY:9 -----					
AIRTEMP	24	28.800	0.578	27.800	29.600
SEATEMP	24	27.354	0.295	27.000	27.900
WINDSPED	24	3.921	0.720	1.800	5.100
SIGWVHT	23	0.339	0.050	0.300	0.400
AVWVPR	23	3.781	0.360	3.300	4.400
----- DAY:10 -----					
AIRTEMP	13	28.692	1.026	27.300	29.900
SEATEMP	12	27.342	0.100	27.200	27.600
WINDSPED	13	5.185	1.189	3.700	8.500
SIGWVHT	13	0.415	0.089	0.300	0.600
AVWVPR	13	3.377	0.083	3.300	3.500
----- DAY:11 -----					
AIRTEMP	23	29.091	0.558	27.600	29.800
SEATEMP	24	27.746	0.360	27.300	28.400
WINDSPED	23	2.335	1.003	0.800	4.600
SIGWVHT	23	0.283	0.058	0.200	0.400
AVWVPR	23	3.765	0.119	3.400	3.900
----- DAY:12 -----					
AIRTEMP	17	29.135	0.568	28.200	30.300
SEATEMP	17	27.894	0.205	27.300	27.900
WINDSPED	17	4.424	0.568	3.300	5.100
SIGWVHT	17	0.288	0.048	0.200	0.400
AVWVPR	17	3.259	0.158	3.000	3.400

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 OCTOBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	29.304	0.377	28.600	29.800
SEATEMP	24	27.308	0.128	27.100	27.600
WINDSPED	24	7.617	1.631	4.800	9.800
SIGWVHT	24	0.876	0.364	0.300	1.300
AVWVPR	24	3.975	0.435	3.300	4.600
----- DAY: 14 -----					
AIRTEMP	24	29.021	0.335	28.100	29.500
SEATEMP	24	27.327	0.158	27.100	27.600
WINDSPED	24	7.471	1.127	5.500	9.800
SIGWVHT	24	1.182	0.033	1.000	1.300
AVWVPR	24	4.421	0.189	4.100	4.800
----- DAY: 15 -----					
AIRTEMP	24	29.046	0.353	28.200	29.800
SEATEMP	24	27.383	0.086	27.300	27.600
WINDSPED	24	7.550	1.168	3.700	9.300
SIGWVHT	24	1.300	0.150	1.000	1.600
AVWVPR	24	4.637	0.290	4.200	5.100
----- DAY: 16 -----					
AIRTEMP	24	28.871	0.469	27.500	29.300
SEATEMP	24	27.221	0.102	27.100	27.800
WINDSPED	24	5.483	1.569	3.100	8.300
SIGWVHT	24	1.421	0.302	1.000	1.900
AVWVPR	24	5.492	0.328	4.700	6.000
----- DAY: 17 -----					
AIRTEMP	19	28.242	0.457	27.200	28.700
SEATEMP	19	27.184	0.250	26.800	27.800
WINDSPED	19	3.600	1.088	2.100	5.600
SIGWVHT	19	0.674	0.158	0.600	0.800
AVWVPR	19	4.774	0.182	4.500	5.200
----- DAY: 18 -----					
AIRTEMP	24	28.846	0.698	27.600	29.500
SEATEMP	24	27.276	0.433	26.900	28.500
WINDSPED	24	2.979	1.352	0.100	5.400
SIGWVHT	24	0.456	0.058	0.400	0.600
AVWVPR	24	4.429	0.246	3.900	4.900

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	24	27.271	1.109	26.000	29.400
SEATEMP	24	27.008	0.159	26.800	27.400
WINDSPED	24	10.700	2.637	2.600	13.100
SIGWVHT	24	2.204	0.990	0.400	3.300
AVWVPR	24	5.333	1.140	3.400	6.500
----- DAY: 20 -----					
AIRTEMP	24	26.737	0.961	23.600	28.800
SEATEMP	24	26.679	0.082	26.600	26.800
WINDSPED	24	7.100	1.427	4.500	9.800
SIGWVHT	24	1.550	0.482	0.900	2.300
AVWVPR	24	5.054	0.369	4.500	5.900
----- DAY: 21 -----					
AIRTEMP	24	25.550	0.402	24.800	26.600
SEATEMP	24	26.571	0.062	26.500	26.700
WINDSPED	24	6.312	1.126	4.900	8.400
SIGWVHT	24	0.833	0.134	0.700	1.100
AVWVPR	24	4.104	0.276	3.600	4.800
----- DAY: 22 -----					
AIRTEMP	24	26.479	0.596	25.100	27.200
SEATEMP	24	26.621	0.132	26.500	26.900
WINDSPED	24	7.525	1.460	4.700	9.300
SIGWVHT	24	1.296	0.373	1.100	1.600
AVWVPR	24	4.817	0.543	4.100	5.600
----- DAY: 23 -----					
AIRTEMP	24	26.496	0.430	25.100	27.000
SEATEMP	24	26.604	0.502	26.100	27.600
WINDSPED	24	3.946	1.541	0.400	5.900
SIGWVHT	24	0.883	0.127	0.700	1.100
AVWVPR	24	4.971	0.269	4.600	5.400
----- DAY: 24 -----					
AIRTEMP	24	25.808	0.769	24.200	27.200
SEATEMP	24	26.604	0.091	26.300	26.700
WINDSPED	23	7.666	3.415	2.200	13.900
SIGWVHT	24	1.996	0.662	0.800	2.800
AVWVPR	24	5.754	0.692	4.400	6.400

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 OCTOBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	26.979	0.438	26.000	27.800
SEATEMP	24	26.379	0.126	26.200	26.600
WINDSPED	24	6.112	2.605	1.800	10.200
SIGWVHT	24	1.217	0.168	1.000	1.800
AVWVPR	24	4.825	0.738	3.800	6.100
----- DAY:26 -----					
AIRTEMP	24	25.987	1.463	23.100	27.800
SEATEMP	24	26.421	0.078	26.300	26.500
WINDSPED	24	5.629	3.012	1.200	10.700
SIGWVHT	24	1.808	0.222	1.000	1.700
AVWVPR	24	4.900	0.215	4.500	5.200
----- DAY:27 -----					
AIRTEMP	24	24.704	0.945	23.600	26.000
SEATEMP	24	25.379	0.078	25.300	25.500
WINDSPED	24	5.157	1.142	4.100	7.700
SIGWVHT	24	1.352	0.150	1.100	1.800
AVWVPR	24	5.212	0.389	4.800	5.800
----- DAY:28 -----					
AIRTEMP	24	23.854	0.362	23.400	24.600
SEATEMP	24	26.046	0.122	25.800	26.200
WINDSPED	24	5.867	1.085	3.600	7.700
SIGWVHT	24	0.908	0.125	0.700	1.100
AVWVPR	24	4.246	0.280	3.800	4.600
----- DAY:29 -----					
AIRTEMP	24	24.778	0.299	24.100	25.300
SEATEMP	24	26.037	0.097	25.800	26.200
WINDSPED	24	6.404	0.618	5.000	7.800
SIGWVHT	24	0.792	0.083	0.700	1.000
AVWVPR	24	3.679	0.144	3.500	3.800
----- DAY:30 -----					
AIRTEMP	24	25.262	0.367	24.600	26.000
SEATEMP	24	25.792	0.280	25.400	26.200
WINDSPED	24	5.452	1.402	2.200	8.100
SIGWVHT	24	0.521	0.106	0.400	0.700
AVWVPR	24	3.383	0.284	2.900	4.000

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 OCTOBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	26.100	0.546	25.100	27.100
SEATEMP	24	26.167	0.143	26.000	26.500
WINDSPED	24	7.237	1.974	4.300	10.100
SIGWVHT	24	1.212	0.225	0.800	1.700
AVWVPR	24	4.192	0.751	3.000	5.300

Table 3 (continue)

42001 NOVEMBER 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 NOVEMBER 1981

AIRTEMP	AIR TEMPERATURE (C)	
SEATEMP	SEA TEMPERATURE (C)	
BAROMTR	BAROMETER (MB)	
WINDSPED	WIND SPEED (M/SEC)	
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)	
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)	
AVWVPR	AVERAGE WAVE PERIODS (SEC)	

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	720	24.869	1.261	20.800	28.600	6.000	-1.000	0.912
SEATEMP	720	25.232	0.254	24.800	26.200	1.800	0.817	0.371
BAROMTR	720	1018.379	1.935	1008.400	1022.700	13.300	-0.725	1.987
WINDSPED	709	6.108	2.759	0.100	12.500	12.400	-0.088	-0.594
WINDDRG	717	139.018	88.448	0.100	369.900	369.800	0.839	-0.255
SIGWVHT	720	1.102	0.662	0.200	3.100	2.900	0.785	-0.484
AVWVPR	720	4.551	0.794	2.400	6.800	4.400	0.157	-0.037

Table 1

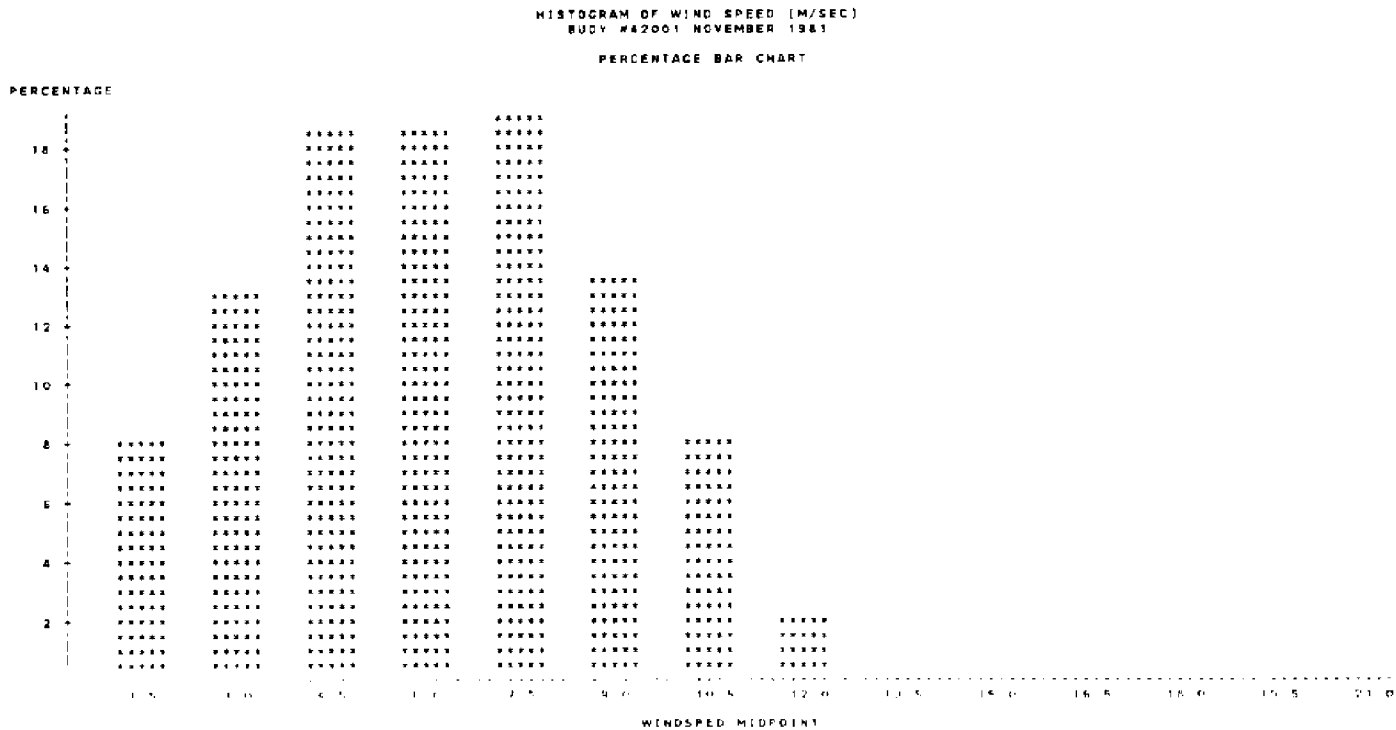


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 NOVEMBER 1981

PERCENTAGE BAR CHART

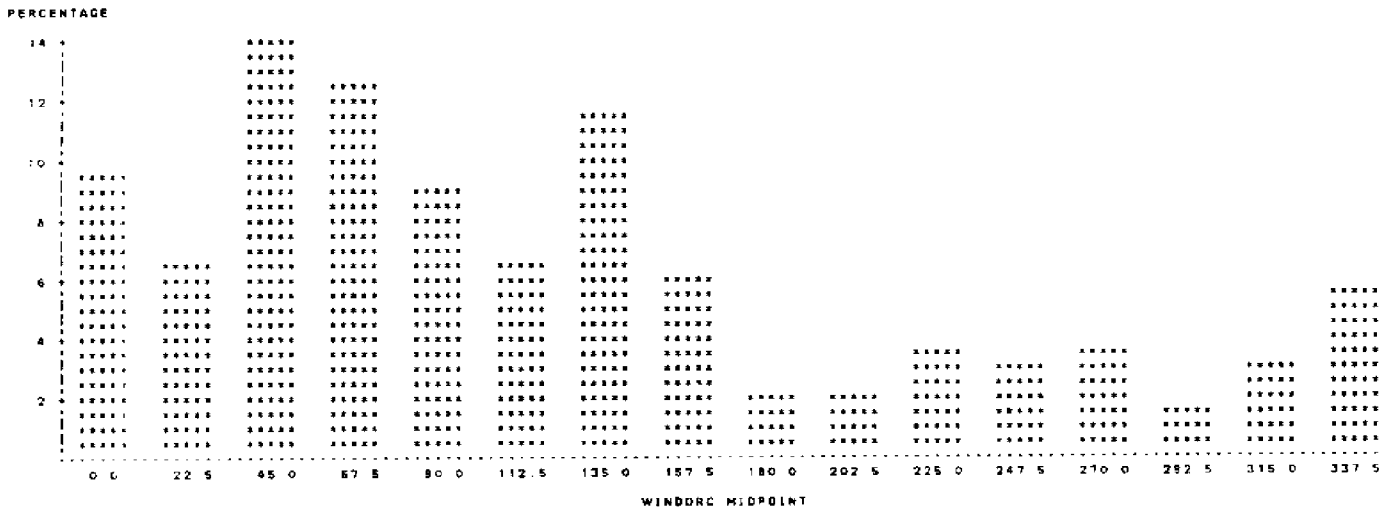


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 NOVEMBER 1981

PERCENTAGE BAR CHART

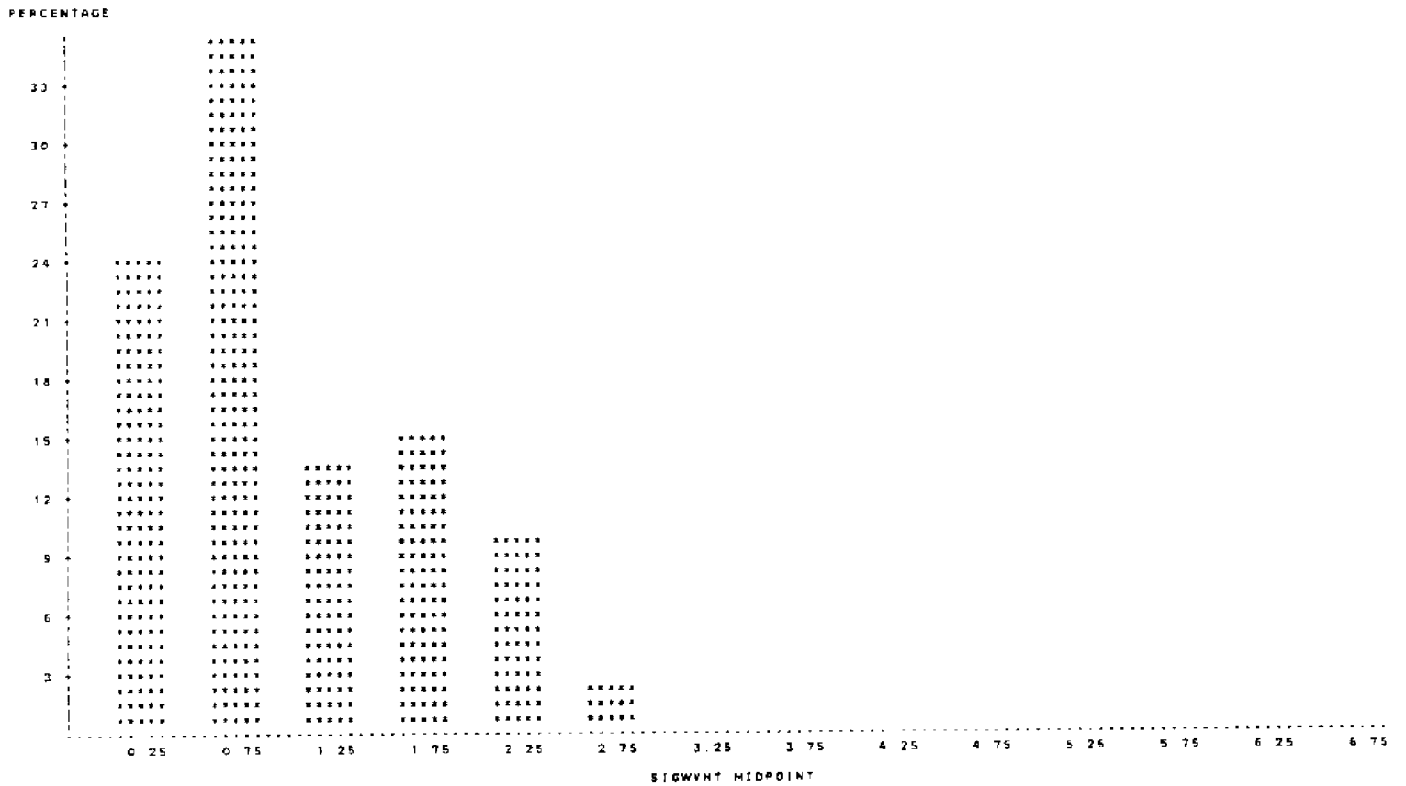


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 NOVEMBER 1981

PERCENTAGE BAR CHART

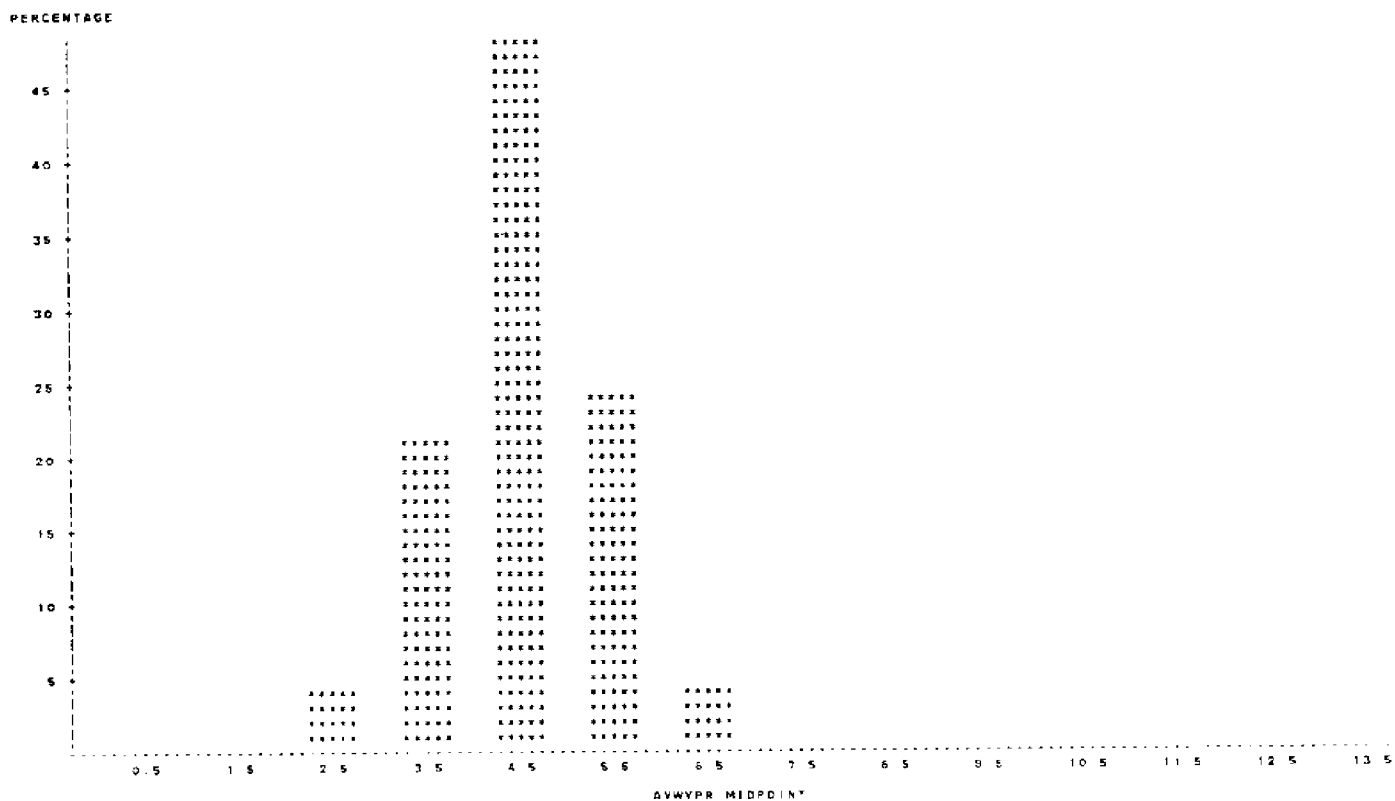


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 NOVEMBER 1981

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT							TOTAL
FREQUENCY PERCENT ROW PCT COL PCT	<=3.0	<=4.0	<=5.0	<=6.0	<=7.0	<=8.0	<=9.0	
<=3.0	24 3.33 88.89 13.87	3 0.42 1.11 1.17	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	27 3.75
<=4.0	58 7.78 36.80 32.37	91 12.84 59.48 35.55	6 0.81 3.82 6.32	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	153 21.25
<=5.0	89 12.38 25.95 51.45	148 20.56 43.15 57.81	65 9.03 18.95 66.42	37 5.14 10.79 34.26	4 0.58 1.17 5.56	0 0.00 0.00 0.00	0 0.00 0.00 0.00	343 47.64
<=6.0	4 0.56 7.35 2.31	14 1.94 8.24 5.47	24 3.33 14.12 25.25	68 9.88 40.00 62.96	57 7.92 33.53 79.17	3 0.42 1.76 20.00	0 0.00 0.00 0.00	170 23.61
<=7.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.42 11.11 2.78	11 1.53 40.74 15.28	12 1.67 44.84 80.00	1 0.14 3.70 100.00	27 3.75
TOTAL	173 24.02	256 35.66	95 13.19	108 15.00	72 10.00	15 2.08	1 0.14	720 100.00

Table 2

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	26.137	0.422	24.500	26.600
SEATEMP	24	25.763	0.191	25.500	25.900
WINDSPED	24	9.450	1.055	7.100	11.800
SIGWVHT	24	2.066	0.293	1.600	2.500
AVWVPR	24	4.842	0.288	4.400	5.600
----- DAY#2 -----					
AIRTEMP	24	25.692	0.740	24.000	25.500
SEATEMP	24	25.575	0.180	25.400	25.900
WINDSPED	24	7.962	2.026	3.900	12.500
SIGWVHT	24	2.112	0.133	1.800	2.400
AVWVPR	24	5.500	0.422	4.700	6.600
----- DAY#3 -----					
AIRTEMP	24	25.163	0.232	25.000	25.500
SEATEMP	24	25.612	0.207	25.100	25.900
WINDSPED	24	7.725	1.255	4.000	9.700
SIGWVHT	24	2.075	0.157	1.800	2.400
AVWVPR	24	5.583	0.371	5.100	6.800
----- DAY#4 -----					
AIRTEMP	24	25.787	0.728	24.000	25.500
SEATEMP	24	25.354	0.290	25.000	25.900
WINDSPED	24	7.342	1.277	4.700	9.600
SIGWVHT	24	1.892	0.102	1.700	2.100
AVWVPR	24	5.512	0.353	4.800	6.000
----- DAY#5 -----					
AIRTEMP	24	26.233	0.152	25.800	26.500
SEATEMP	24	25.445	0.161	25.200	25.700
WINDSPED	24	6.804	0.857	5.100	8.400
SIGWVHT	24	1.512	0.249	1.100	2.000
AVWVPR	24	5.154	0.264	4.800	5.600
----- DAY#6 -----					
AIRTEMP	24	25.800	0.368	25.200	25.500
SEATEMP	24	25.337	0.171	25.000	25.600
WINDSPED	24	7.737	0.511	6.800	8.800
SIGWVHT	24	1.033	0.064	1.000	1.200
AVWVPR	24	4.150	0.106	4.000	4.300

Table 3

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	24.908	0.443	24.100	25.500
SEATEMP	24	25.208	0.156	24.900	25.500
WINDSPED	24	5.821	1.731	0.800	8.500
SIGWVHT	24	1.000	0.066	0.800	1.100
AVWVPR	24	4.337	0.184	4.100	4.800
----- DAY#8 -----					
AIRTEMP	24	23.875	0.389	23.300	24.800
SEATEMP	24	25.787	0.162	25.000	25.600
WINDSPED	24	3.325	1.067	1.300	5.100
SIGWVHT	24	0.688	0.216	0.400	1.100
AVWVPR	24	4.742	0.221	4.300	5.200
----- DAY#9 -----					
AIRTEMP	24	25.354	0.471	24.700	25.600
SEATEMP	24	25.517	0.220	25.200	25.900
WINDSPED	24	4.854	0.859	3.700	5.700
SIGWVHT	24	0.387	0.034	0.300	0.400
AVWVPR	24	3.233	0.441	2.700	4.400
----- DAY#10 -----					
AIRTEMP	24	24.692	0.469	24.100	25.000
SEATEMP	24	25.487	0.130	25.300	25.700
WINDSPED	24	9.829	1.093	7.200	11.500
SIGWVHT	24	1.825	0.774	0.400	3.100
AVWVPR	24	5.683	0.860	3.800	6.800
----- DAY#11 -----					
AIRTEMP	24	23.671	0.333	23.000	24.200
SEATEMP	24	25.387	0.095	25.200	25.600
WINDSPED	24	9.875	1.132	8.600	12.500
SIGWVHT	24	2.462	0.351	1.900	3.000
AVWVPR	24	5.862	0.444	5.200	6.600
----- DAY#12 -----					
AIRTEMP	24	23.337	0.212	22.800	23.800
SEATEMP	24	25.250	0.072	25.200	25.400
WINDSPED	24	5.450	1.377	2.600	8.300
SIGWVHT	24	1.250	0.409	0.700	2.000
AVWVPR	24	4.942	0.247	4.500	5.400

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 NOVEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	23.946	0.213	23.600	24.400
SEATEMP	24	25.183	0.109	25.100	25.400
WINDSPED	24	4.592	1.305	2.500	7.900
SIGWVHT	24	0.633	0.084	0.500	0.800
AVWVPR	24	4.146	0.228	3.600	4.600
----- DAY:14 -----					
AIRTEMP	24	24.058	0.344	23.500	24.500
SEATEMP	24	26.067	0.054	25.000	26.700
WINDSPED	24	6.000	1.164	4.200	8.000
SIGWVHT	24	0.867	0.131	0.700	1.100
AVWVPR	24	3.850	0.278	3.500	4.300
----- DAY:15 -----					
AIRTEMP	24	23.612	0.438	23.200	25.000
SEATEMP	24	25.171	0.280	24.900	25.800
WINDSPED	24	2.883	1.879	0.100	5.800
SIGWVHT	24	0.854	0.110	0.500	0.900
AVWVPR	24	4.408	0.419	3.900	5.400
----- DAY:16 -----					
AIRTEMP	24	24.183	0.425	23.400	25.000
SEATEMP	24	25.179	0.098	25.100	25.400
WINDSPED	24	3.604	1.606	0.100	5.800
SIGWVHT	24	0.375	0.111	0.300	0.700
AVWVPR	24	4.504	0.655	3.600	5.500
----- DAY:17 -----					
AIRTEMP	24	25.200	0.292	24.600	25.800
SEATEMP	24	26.237	0.045	25.200	26.300
WINDSPED	23	4.870	1.260	0.500	6.300
SIGWVHT	24	0.621	0.174	0.300	0.800
AVWVPR	24	4.092	0.273	3.600	4.600
----- DAY:18 -----					
AIRTEMP	24	24.479	0.327	23.900	25.000
SEATEMP	24	25.242	0.184	25.100	25.600
WINDSPED	24	2.319	1.638	0.100	5.600
SIGWVHT	24	0.404	0.133	0.200	0.700
AVWVPR	24	4.279	0.177	3.600	4.500

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 NOVEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	25.521	0.140	24.800	26.000
SEATEMP	24	25.158	0.097	25.000	25.400
WINDSPED	24	7.604	0.710	6.200	8.600
SIGWVHT	24	0.886	0.239	0.300	1.000
AVWVPR	24	3.279	0.588	2.400	4.200
----- DAY:20 -----					
AIRTEMP	24	24.150	1.758	21.300	26.200
SEATEMP	24	25.167	0.092	25.000	25.300
WINDSPED	23	8.500	2.048	5.300	11.300
SIGWVHT	24	1.300	0.583	0.800	1.500
AVWVPR	24	4.567	0.558	4.000	5.900
----- DAY:21 -----					
AIRTEMP	24	21.162	0.478	20.600	22.200
SEATEMP	24	25.062	0.092	25.000	25.200
WINDSPED	24	5.696	1.736	3.200	8.800
SIGWVHT	24	1.746	0.436	1.100	2.400
AVWVPR	24	5.596	0.424	4.600	6.100
----- DAY:22 -----					
AIRTEMP	24	23.383	0.880	22.300	25.800
SEATEMP	24	25.117	0.166	25.000	25.400
WINDSPED	20	1.160	1.028	0.100	3.900
SIGWVHT	24	0.612	0.145	0.500	0.900
AVWVPR	24	4.317	0.143	3.900	4.500
----- DAY:23 -----					
AIRTEMP	24	24.421	0.525	23.400	26.000
SEATEMP	24	25.158	0.138	25.000	25.400
WINDSPED	23	2.404	1.367	0.100	6.700
SIGWVHT	24	0.421	0.093	0.300	0.600
AVWVPR	24	4.175	0.167	3.800	4.400
----- DAY:24 -----					
AIRTEMP	24	25.200	0.456	24.300	26.000
SEATEMP	24	25.146	0.072	25.100	25.300
WINDSPED	23	4.770	1.662	0.300	7.400
SIGWVHT	24	0.428	0.081	0.300	0.600
AVWVPR	24	4.225	0.209	3.900	4.600

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 NOVEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#25 -----					
AIRTEMP	24	25.282	0.298	24.500	26.000
SEATEMP	24	26.064	0.072	25.000	26.200
WINDSPED	24	4.882	1.081	2.000	6.700
SIGWHT	24	0.512	0.103	0.000	0.800
AVWVPR	24	3.582	0.385	2.000	4.000
----- DAY#26 -----					
AIRTEMP	24	25.883	0.224	25.400	26.300
SEATEMP	24	24.986	0.051	24.900	25.000
WINDSPED	24	5.967	1.450	5.000	11.900
SIGWHT	24	1.225	0.383	0.500	1.700
AVWVPR	24	3.883	0.636	3.000	4.700
----- DAY#27 -----					
AIRTEMP	24	26.182	0.135	25.900	26.400
SEATEMP	24	24.312	0.054	24.000	25.000
WINDSPED	24	8.679	1.087	6.000	11.100
SIGWHT	24	1.564	0.132	1.400	1.800
AVWVPR	24	4.817	0.185	4.500	5.100
----- DAY#28 -----					
AIRTEMP	24	26.987	0.182	26.700	26.300
SEATEMP	24	25.029	0.203	24.800	25.400
WINDSPED	24	4.646	1.800	2.500	8.000
SIGWHT	24	1.117	0.152	0.900	1.400
AVWVPR	24	5.106	0.236	4.500	5.500
----- DAY#29 -----					
AIRTEMP	24	25.683	0.120	25.700	26.200
SEATEMP	24	24.386	0.095	24.900	25.200
WINDSPED	24	4.606	0.876	2.100	6.100
SIGWHT	24	0.646	0.102	0.600	0.900
AVWVPR	24	4.278	0.172	3.900	5.100
----- DAY#30 -----					
AIRTEMP	24	25.717	0.188	25.400	26.100
SEATEMP	24	24.842	0.121	24.800	25.100
WINDSPED	24	8.628	1.488	6.500	11.400
SIGWHT	24	0.860	0.289	0.700	1.400
AVWVPR	24	3.904	0.435	3.500	4.800

Table 3 (continue)

42001 DECEMBER 1981

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 DECEMBER 1981

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MS)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	736	22.984	2.260	15.400	26.400	11.000	1.422	1.847
SEATEMP	736	22.759	0.737	21.600	25.100	3.500	-0.234	-0.689
BAROMTR	736	1018.791	4.525	1009.700	1030.000	20.300	0.194	-0.572
WINDSPED	736	6.713	2.834	0.200	13.800	13.600	0.165	-0.613
WINDDRG	736	125.894	84.673	0.800	358.700	357.900	0.700	0.224
SIGWVHT	736	1.197	0.594	0.300	3.300	3.000	1.002	0.816
AVWVPR	736	4.587	0.675	2.900	6.400	3.500	0.078	-0.465

Table 1

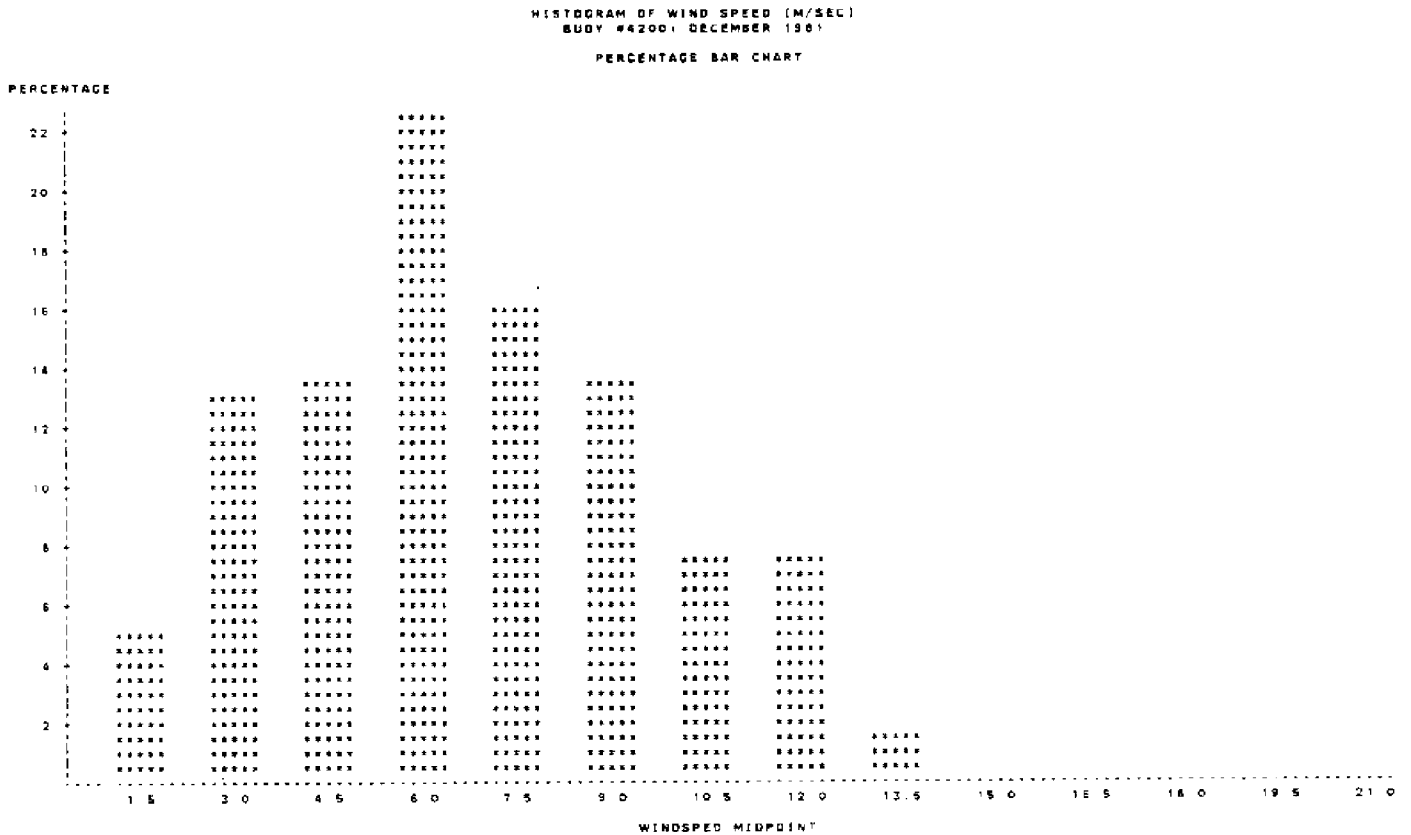


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 DECEMBER 1981

PERCENTAGE BAR CHART

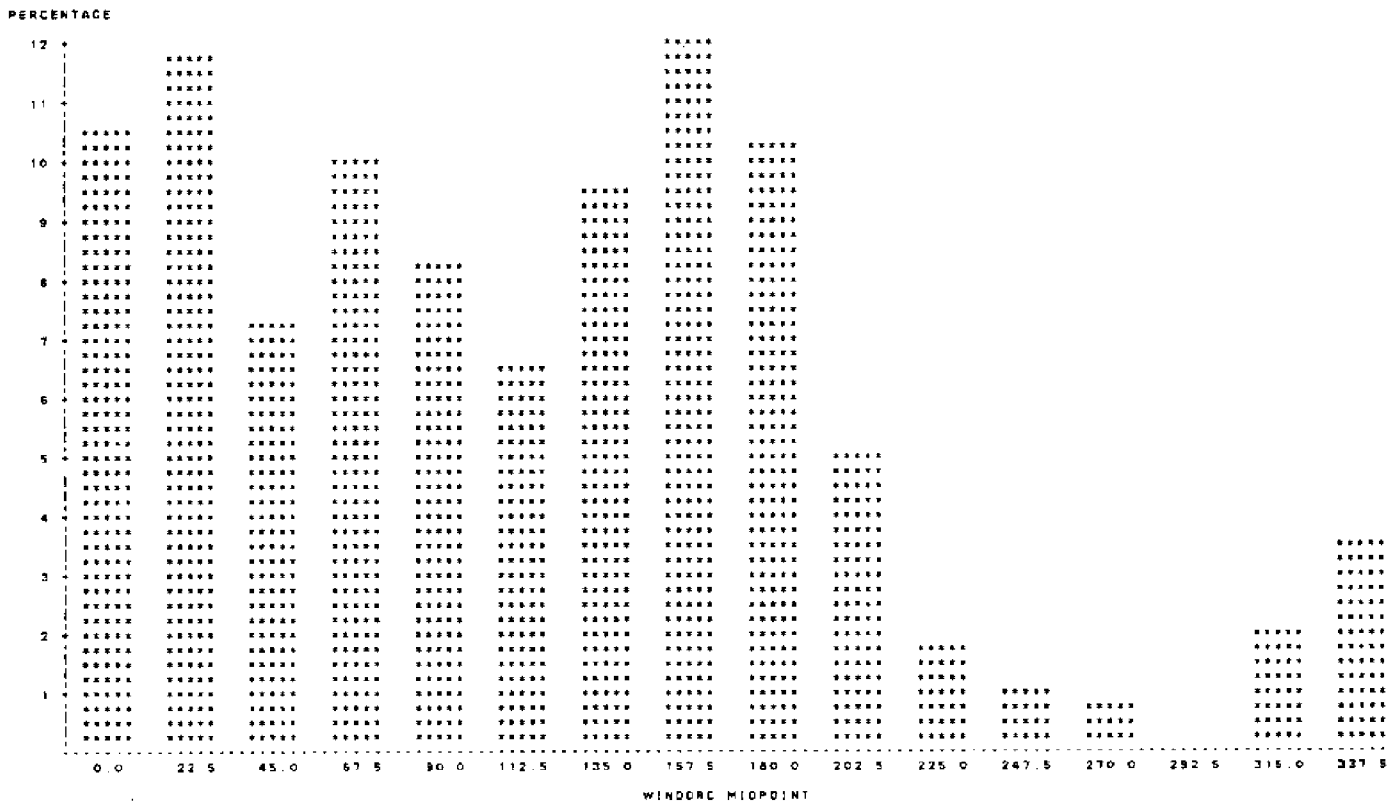


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 DECEMBER 1981

PERCENTAGE BAR CHART

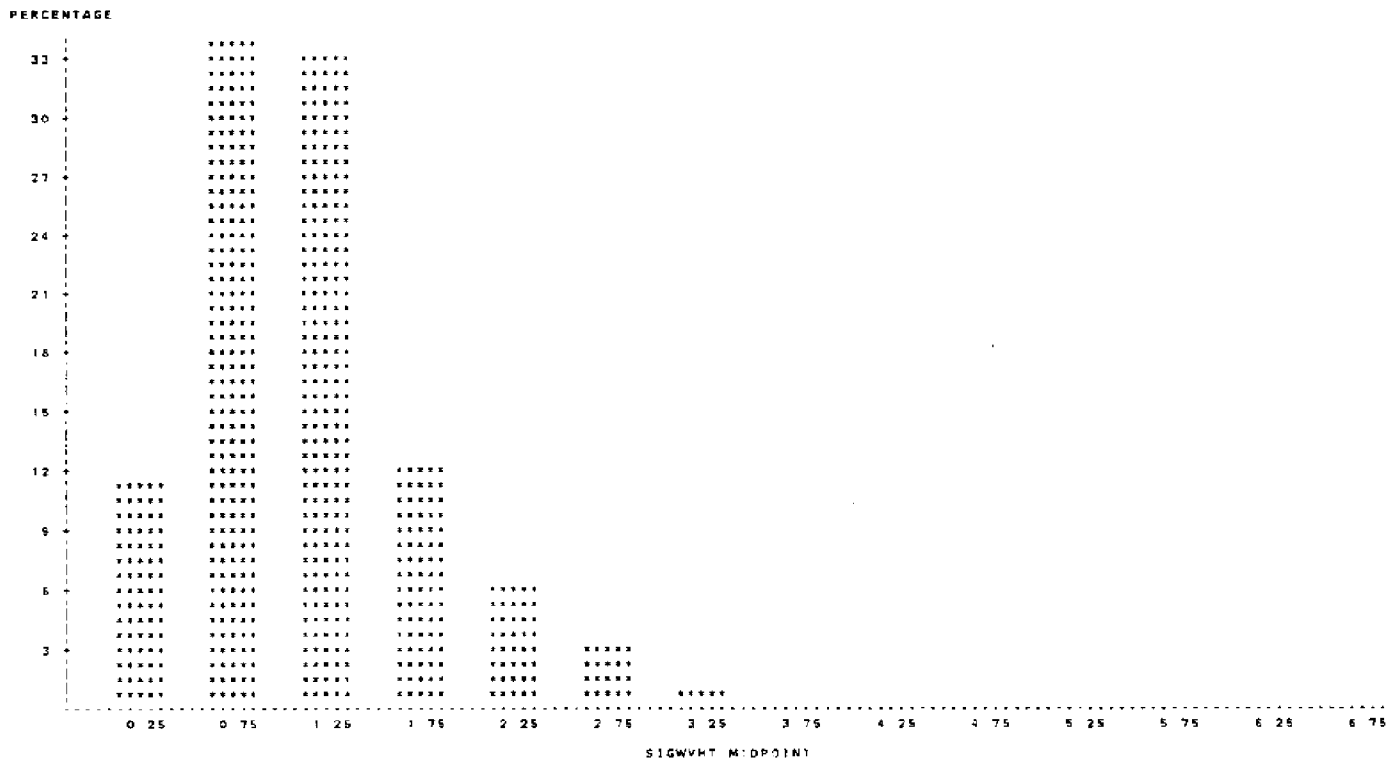


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 DECEMBER 1981
 PERCENTAGE BAR CHART

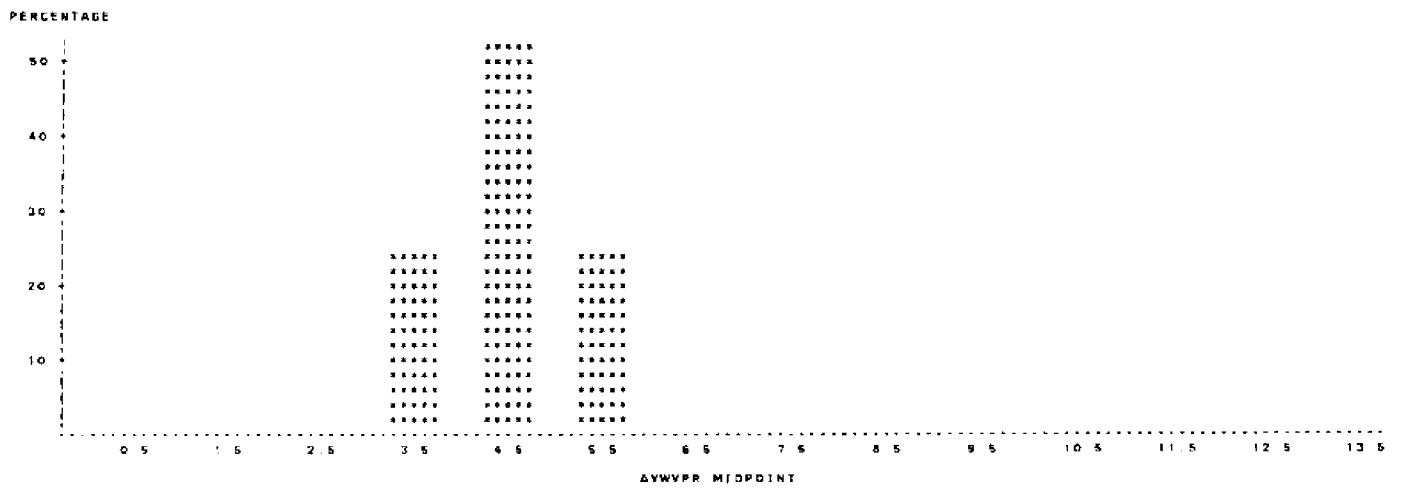


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 DECEMBER 1981
 TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	FREQUENCY							TOTAL
		<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	
<=3.0	0	0	2	0	0	0	0	0	2
	PERCENT	0.00	0.27	0.00	0.00	0.00	0.00	0.00	0.27
	RDW PCT	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
	DDL PCT	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00
<=4.0	29	95	45	1	0	0	0	0	171
	3.94	13.04	6.11	0.14	0.00	0.00	0.00	0.00	22.23
	16.86	56.14	26.32	0.56	0.00	0.00	0.00	0.00	0.00
	35.37	38.40	18.67	1.11	0.00	0.00	0.00	0.00	0.00
<=5.0	83	143	131	25	19	10	0	0	379
	7.20	19.43	17.80	3.40	2.31	1.36	0.00	0.00	51.46
	13.88	37.73	34.56	6.80	4.49	2.64	0.00	0.00	0.00
	64.83	57.20	54.36	27.78	38.64	43.48	0.00	0.00	0.00
<=6.0	0	5	53	61	26	13	8	0	178
	0.00	1.22	8.56	8.29	3.53	1.77	0.82	0.00	24.18
	0.00	5.06	35.39	34.27	14.61	7.30	3.37	0.00	0.00
	0.00	3.60	26.14	87.78	59.09	56.52	100.00	0.00	0.00
<=7.0	0	0	2	3	1	0	0	0	6
	0.00	0.00	0.27	0.41	0.14	0.00	0.00	0.00	0.82
	0.00	0.00	33.33	50.00	16.87	0.00	0.00	0.00	0.00
	0.00	0.00	0.83	3.33	2.27	0.00	0.00	0.00	0.00
TOTAL	82	250	241	90	44	23	5	736	736
	11.14	33.97	32.74	12.23	5.98	3.13	0.82	100.00	100.00

Table 2

DAILY STATISTICS
 BUDY #42001 DECEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	25.871	0.282	25.100	26.400
SEATEMP	24	25.008	0.026	25.000	25.100
WINDSPEED	24	7.896	1.518	4.700	11.700
SIGWVHT	24	1.287	0.095	1.100	1.500
AVWVPR	24	4.833	0.131	4.500	5.100
----- DAY:2 -----					
AIRTEMP	24	23.667	1.133	22.200	26.300
SEATEMP	24	24.817	0.038	24.900	25.000
WINDSPEED	24	7.221	1.482	4.700	10.700
SIGWVHT	24	1.171	0.227	0.800	1.500
AVWVPR	24	4.248	0.346	3.500	5.000
----- DAY:3 -----					
AIRTEMP	24	22.38E	0.467	21.900	23.500
SEATEMP	24	24.775	0.066	24.700	24.900
WINDSPEED	24	5.762	1.788	2.300	9.200
SIGWVHT	24	0.852	0.228	0.500	1.300
AVWVPR	24	3.850	0.431	3.400	4.800
----- DAY:4 -----					
AIRTEMP	24	23.412	0.779	21.500	24.500
SEATEMP	24	24.675	0.044	24.500	24.700
WINDSPEED	24	7.117	4.283	0.500	11.900
SIGWVHT	24	0.879	0.566	0.300	2.000
AVWVPR	24	3.775	0.385	3.200	4.600
----- DAY:5 -----					
AIRTEMP	24	20.921	0.264	20.400	21.300
SEATEMP	24	24.435	0.091	24.400	24.500
WINDSPEED	24	10.087	1.708	6.500	12.500
SIGWVHT	24	2.237	0.187	1.800	2.500
AVWVPR	24	5.137	0.188	4.600	5.500
----- DAY:6 -----					
AIRTEMP	24	21.782	0.372	21.200	22.500
SEATEMP	24	24.412	0.034	24.400	24.500
WINDSPEED	24	8.854	0.897	4.400	7.200
SIGWVHT	24	1.379	0.250	1.000	1.900
AVWVPR	24	4.829	0.387	4.100	5.400

Table 3

DAILY STATISTICS
 BUDY #42001 DECEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	23.333	0.414	22.500	24.000
SEATEMP	24	24.337	0.049	24.300	24.400
WINDSPEED	24	6.717	1.133	4.200	8.900
SIGWVHT	24	0.850	0.164	0.700	1.200
AVWVPR	24	3.958	0.121	3.700	4.100
----- DAY:8 -----					
AIRTEMP	24	23.500	0.147	23.300	23.900
SEATEMP	24	24.486	0.093	24.300	24.500
WINDSPEED	24	5.817	1.433	3.500	8.800
SIGWVHT	24	0.886	0.123	0.500	0.900
AVWVPR	24	3.854	0.240	3.200	4.000
----- DAY:9 -----					
AIRTEMP	24	23.800	0.125	23.500	24.100
SEATEMP	24	24.408	0.028	24.400	24.500
WINDSPEED	24	7.150	1.322	5.200	9.100
SIGWVHT	24	0.925	0.194	0.700	1.200
AVWVPR	24	3.667	0.174	3.300	3.900
----- DAY:10 -----					
AIRTEMP	24	22.287	0.887	21.500	23.400
SEATEMP	24	24.308	0.065	24.200	24.400
WINDSPEED	24	4.896	1.066	2.900	6.600
SIGWVHT	24	1.012	0.061	0.900	1.100
AVWVPR	24	4.308	0.278	3.700	4.800
----- DAY:11 -----					
AIRTEMP	15	21.525	0.745	20.900	23.200
SEATEMP	15	24.206	0.057	24.100	24.300
WINDSPEED	15	3.481	1.976	0.500	7.600
SIGWVHT	15	0.969	0.067	0.800	1.100
AVWVPR	15	4.987	0.344	4.500	5.500
----- DAY:12 -----					
AIRTEMP	24	24.292	0.540	22.400	25.500
SEATEMP	24	24.179	0.041	24.100	24.200
WINDSPEED	24	7.433	0.891	5.800	8.900
SIGWVHT	24	0.917	0.124	0.700	1.200
AVWVPR	24	4.583	0.092	4.400	4.800

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 DECEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	24.808	0.182	24.700	25.300
SEATEMP	24	24.087	0.090	23.900	24.200
WINDSPED	24	5.021	2.013	0.800	7.900
SIGWVHT	24	0.808	0.102	0.600	1.000
AVWVPR	24	4.633	0.140	4.400	4.800
----- DAY: 14 -----					
AIRTEMP	24	25.021	0.132	24.700	25.300
SEATEMP	24	24.104	0.020	24.100	24.200
WINDSPED	24	10.417	1.774	6.800	12.500
SIGWVHT	24	1.558	0.512	0.800	2.400
AVWVPR	24	5.388	0.483	4.600	6.100
----- DAY: 15 -----					
AIRTEMP	24	21.888	1.123	20.000	24.400
SEATEMP	24	23.850	0.088	23.700	24.100
WINDSPED	24	3.600	3.135	3.100	13.200
SIGWVHT	24	2.104	0.361	1.600	2.700
AVWVPR	24	4.828	0.421	4.200	5.800
----- DAY: 16 -----					
AIRTEMP	24	20.282	1.026	18.800	22.100
SEATEMP	24	23.656	0.114	23.500	23.800
WINDSPED	24	3.700	2.311	0.700	8.300
SIGWVHT	24	1.083	0.482	0.500	1.900
AVWVPR	24	4.578	0.159	4.300	4.800
----- DAY: 17 -----					
AIRTEMP	24	23.167	0.824	21.700	24.200
SEATEMP	24	23.608	0.102	23.400	23.800
WINDSPED	24	2.833	1.072	0.200	4.600
SIGWVHT	24	0.442	0.125	0.300	0.700
AVWVPR	24	4.482	0.320	4.100	5.100
----- DAY: 18 -----					
AIRTEMP	24	21.817	2.818	17.300	24.800
SEATEMP	24	23.529	0.100	23.300	23.700
WINDSPED	24	9.037	4.007	2.800	13.800
SIGWVHT	24	1.575	1.095	0.500	3.300
AVWVPR	24	4.583	0.663	2.900	5.600

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	24	16.178	0.398	15.400	17.100
SEATEMP	24	22.891	0.423	22.100	23.600
WINDSPED	24	11.178	1.468	7.500	13.500
SIGWVHT	24	2.871	0.324	1.900	3.100
AVWVPR	24	5.058	0.232	4.600	5.600
----- DAY: 20 -----					
AIRTEMP	24	17.483	1.085	16.400	19.800
SEATEMP	24	22.425	0.203	22.100	22.700
WINDSPED	24	5.362	1.372	3.200	8.000
SIGWVHT	24	1.300	0.240	0.900	1.800
AVWVPR	24	4.212	0.451	3.700	4.900
----- DAY: 21 -----					
AIRTEMP	24	21.900	0.874	20.000	23.000
SEATEMP	24	22.583	0.346	21.600	23.000
WINDSPED	24	8.558	0.731	7.200	10.000
SIGWVHT	24	1.178	0.105	1.000	1.400
AVWVPR	24	4.375	0.376	3.700	4.900
----- DAY: 22 -----					
AIRTEMP	24	23.600	0.450	22.900	24.300
SEATEMP	24	22.492	0.385	21.700	23.100
WINDSPED	24	10.087	1.447	7.700	12.900
SIGWVHT	24	1.542	0.336	1.100	2.100
AVWVPR	24	5.050	0.354	4.600	5.700
----- DAY: 23 -----					
AIRTEMP	24	24.600	0.206	24.300	25.000
SEATEMP	24	23.117	0.222	22.700	23.500
WINDSPED	24	6.212	2.818	2.200	10.900
SIGWVHT	24	1.712	0.133	1.500	1.900
AVWVPR	24	5.754	0.110	5.600	6.000
----- DAY: 24 -----					
AIRTEMP	24	24.887	0.163	24.700	25.200
SEATEMP	24	23.283	0.080	23.200	23.500
WINDSPED	24	7.883	2.450	2.900	11.400
SIGWVHT	24	1.412	0.136	1.100	1.600
AVWVPR	24	5.429	0.386	4.900	6.100

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 DECEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	23 726	1 106	22 200	25 000
SEATEMP	24	23 312	0 151	22 800	23 500
WINDSPED	24	7 867	1 453	4 700	10 700
SIGWVHT	24	1 300	0 141	1 100	1 500
AVWVPR	24	4 533	0 707	3 500	5 300
----- DAY:26 -----					
AIRTEMP	24	23 300	0 951	22 100	25 100
SEATEMP	24	23 112	0 258	22 800	23 500
WINDSPED	24	2 895	1 850	0 200	6 700
SIGWVHT	24	0 687	0 196	0 400	1 000
AVWVPR	24	4 571	0 212	4 200	4 900
----- DAY:27 -----					
AIRTEMP	24	24 429	0 497	23 800	25 300
SEATEMP	24	23 379	0 182	23 200	23 700
WINDSPED	24	4 012	1 351	1 800	6 800
SIGWVHT	24	0 471	0 127	0 300	0 700
AVWVPR	24	3 787	0 850	2 800	4 700
----- DAY:28 -----					
AIRTEMP	24	24 696	0 168	24 300	24 900
SEATEMP	24	23 417	0 113	23 300	23 600
WINDSPED	24	5 754	1 571	4 100	9 700
SIGWVHT	24	0 700	0 150	0 500	1 000
AVWVPR	24	4 064	0 339	3 500	4 800
----- DAY:29 -----					
AIRTEMP	24	24 398	1 084	22 000	25 100
SEATEMP	24	23 328	0 133	22 800	23 500
WINDSPED	24	3 533	1 300	2 200	6 700
SIGWVHT	24	0 517	0 113	0 500	0 800
AVWVPR	24	4 367	0 288	3 700	4 800
----- DAY:30 -----					
AIRTEMP	24	24 179	0 625	22 400	25 100
SEATEMP	24	23 095	0 149	22 800	23 300
WINDSPED	24	4 750	1 260	2 600	7 000
SIGWVHT	24	1 379	0 469	0 600	2 000
AVWVPR	24	5 437	0 727	4 100	6 400

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 DECEMBER 1981

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	24 854	0 759	24 800	25 200
SEATEMP	24	23 158	0 110	23 000	23 400
WINDSPED	24	7 100	1 732	4 100	10 600
SIGWVHT	24	1 262	0 101	1 100	1 500
AVWVPR	24	5 425	0 394	4 700	6 200

Table 3 (continue)

42001 JANUARY 1982

MONTHLY WAVE STATISTIC SUMMARY
 BUDY #42001 JANUARY 1982

AIRTEMP	AIR TEMPERATURE (C)				
SEATEMP	SEA TEMPERATURE (C)				
BARDMTR	BAROMETER (MB)				
WINDSPED	WIND SPEED (M/SEC)				
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)				
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)				
AVWVPR	AVERAGE WAVE PERIODS (SEC)				

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKWENESS	KURTOSIS
AIRTEMP	739	22.912	2.725	15.100	26.300	11.200	-1.263	0.530
SEATEMP	741	22.551	0.476	21.200	23.900	2.700	-0.467	-0.066
BARDMTR	741	1019.387	3.770	1005.000	1028.900	23.900	-0.912	1.227
WINDSPED	738	6.988	3.474	0.100	19.000	18.900	0.580	0.315
WINDDRC	741	130.860	83.329	0.700	353.300	353.600	0.723	0.394
SIGWVHT	739	1.411	0.838	0.300	5.300	5.000	1.804	4.209
AVWVPR	739	4.904	0.726	3.000	7.600	4.600	0.867	1.587

Table 1

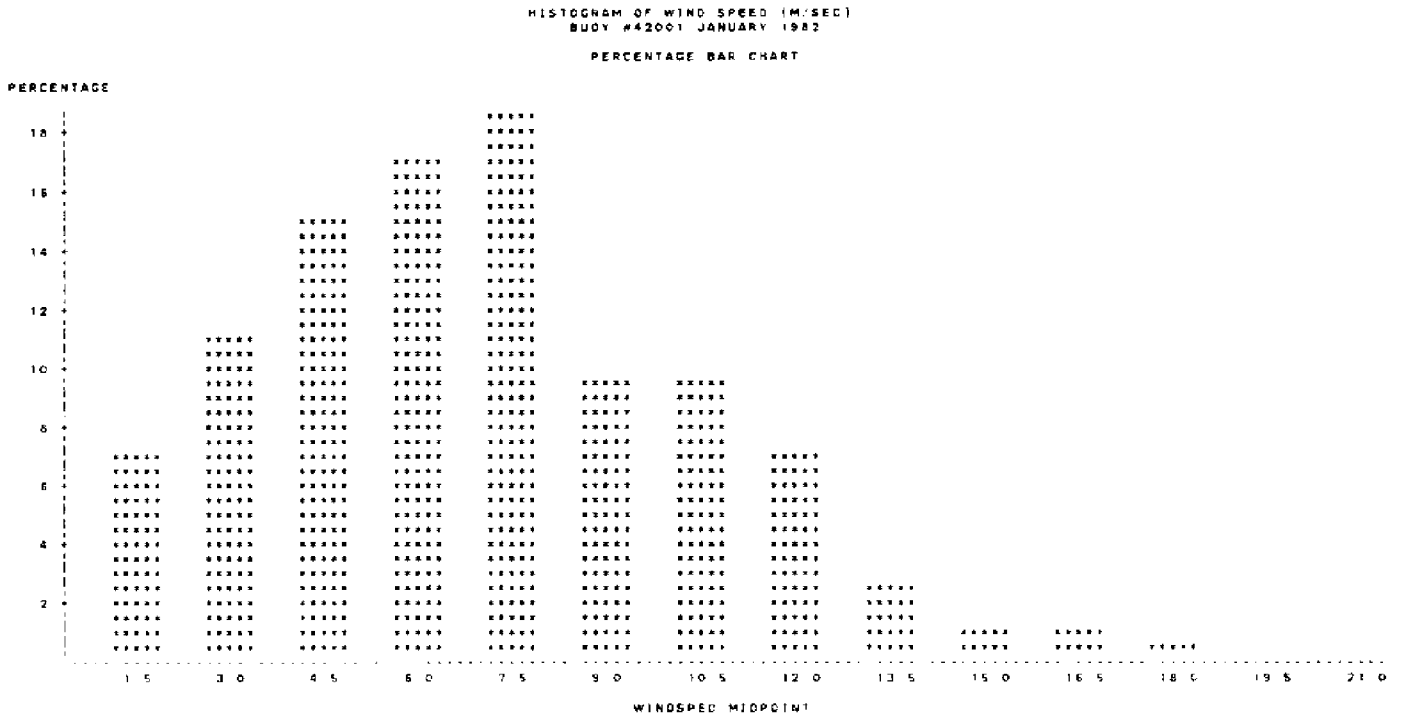


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 JANUARY 1982

PERCENTAGE BAR CHART

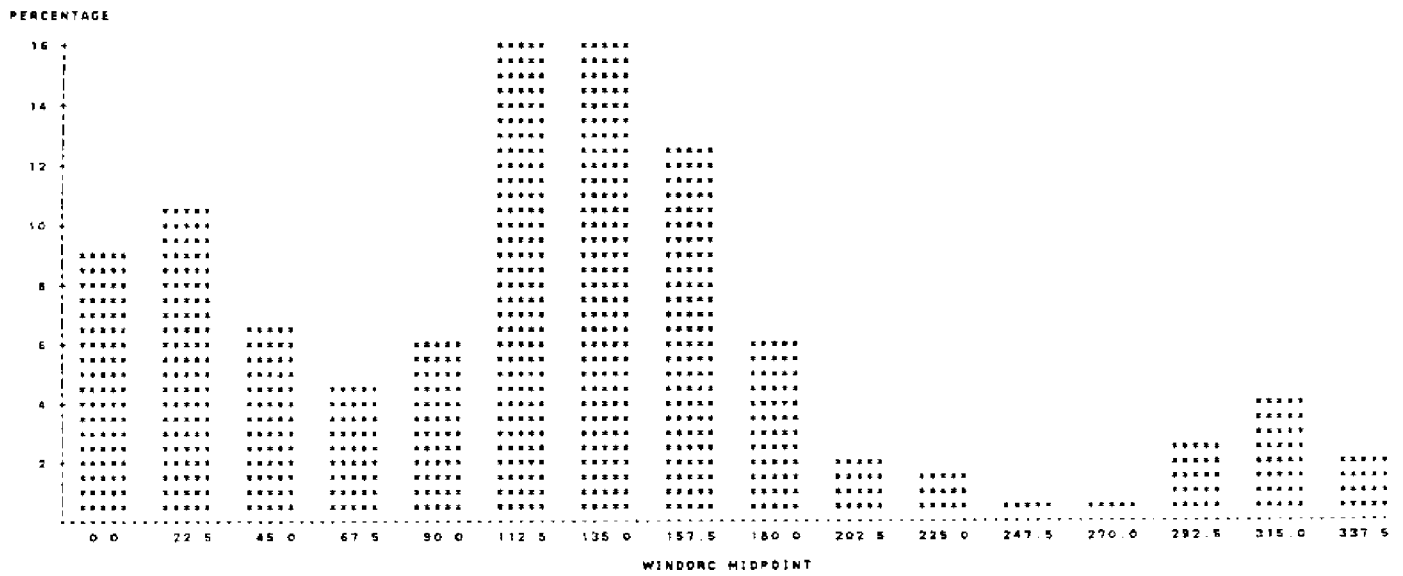


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 JANUARY 1982

PERCENTAGE BAR CHART

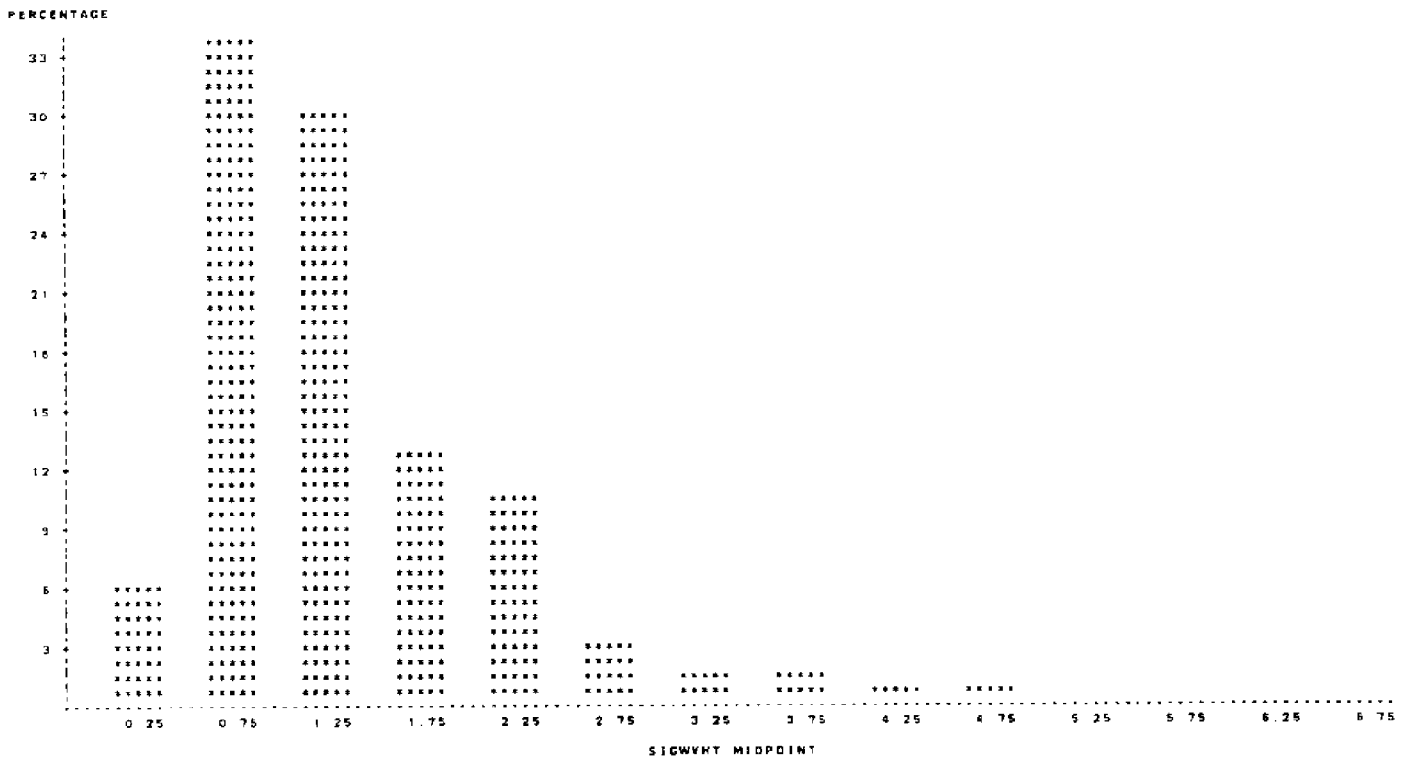


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 JANUARY 1982

PERCENTAGE BAR CHART

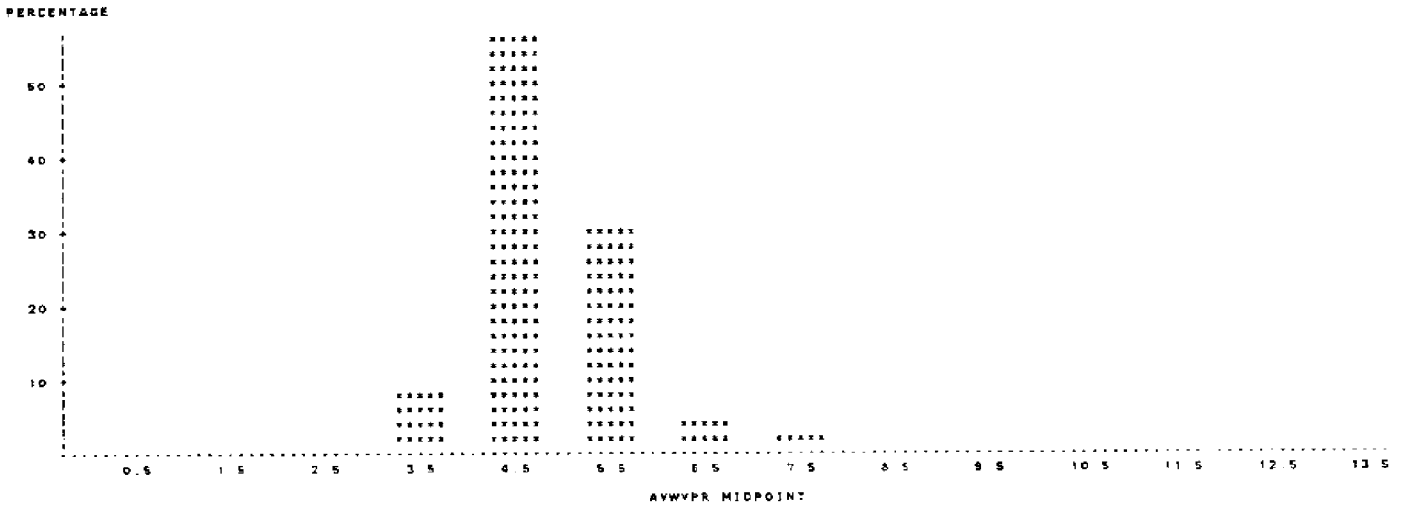


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 JANUARY 1982

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	<=4.0	<=4.5	<=5.0	<=5.5	TOTAL
	2	0	0	0	0	0	0	0	0	0	0	0	
<=3.0	0	0	1	0	0	0	0	0	0	0	0	0	1
		0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
		0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		0.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<=4.0	0	7	38	14	0	0	0	0	0	0	0	0	59
		0.95	5.14	1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.88
		11.86	64.41	23.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		18.28	15.14	6.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<=5.0	0	36	189	142	30	9	2	0	0	0	0	0	408
		4.87	25.58	19.22	4.06	1.22	0.27	0.00	0.00	0.00	0.00	0.00	55.27
		8.82	46.32	34.80	7.35	2.21	0.49	0.00	0.00	0.00	0.00	0.00	
		83.72	75.30	64.84	31.58	12.00	9.52	0.00	0.00	0.00	0.00	0.00	
<=6.0	0	0	23	63	65	56	14	5	1	0	0	0	227
		0.00	3.11	8.53	8.80	7.58	1.89	0.55	0.14	0.00	0.00	0.00	30.72
		0.00	10.13	27.75	28.63	24.67	6.17	2.20	0.44	0.00	0.00	0.00	
		0.00	9.16	28.71	68.42	74.67	66.67	45.45	11.11	0.00	0.00	0.00	
<=7.0	0	0	0	0	0	10	5	3	5	3	2	0	28
		0.00	0.00	0.00	0.00	1.35	0.68	0.41	0.58	0.41	0.27	0.00	3.79
		0.00	0.00	0.00	0.00	35.71	17.86	10.71	17.86	10.71	7.14	0.00	
		0.00	0.00	0.00	0.00	13.23	23.81	27.27	55.56	50.00	28.57	0.00	
<=8.0	0	0	0	0	0	0	0	3	3	3	5	2	16
		0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.41	0.41	0.68	0.27	2.17
		0.00	0.00	0.00	0.00	0.00	0.00	15.75	18.75	18.75	31.25	12.50	
		0.00	0.00	0.00	0.00	0.00	0.00	27.27	33.32	50.00	71.43	100.00	
TOTAL		43	251	219	95	75	21	11	9	6	7	2	739
		5.82	33.96	29.63	12.86	10.15	2.84	1.49	1.22	0.81	0.95	0.27	100.00

Table 2

DAILY STATISTICS
 BUOY #42001 JANUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	24.883	0.415	24.700	25.300
SEATEMP	24	23.154	0.295	22.800	23.500
WINDSPED	24	2.575	1.382	0.100	5.800
SIGWVHT	24	0.842	0.210	0.600	1.300
AVWVPR	24	5.317	0.361	4.800	6.000
----- DAY#2 -----					
AIRTEMP	24	25.112	0.255	24.300	25.400
SEATEMP	24	23.292	0.088	23.200	23.500
WINDSPED	24	6.387	1.564	4.200	8.400
SIGWVHT	24	0.633	0.113	0.500	0.800
AVWVPR	24	4.154	0.206	3.800	4.600
----- DAY#3 -----					
AIRTEMP	24	25.528	0.100	25.300	25.700
SEATEMP	24	23.126	0.133	23.000	23.400
WINDSPED	24	9.704	1.041	7.500	11.700
SIGWVHT	24	1.483	0.260	1.000	1.800
AVWVPR	24	5.121	0.218	4.800	5.500
----- DAY#4 -----					
AIRTEMP	24	24.021	1.781	20.900	25.700
SEATEMP	24	23.100	0.182	22.900	23.300
WINDSPED	24	9.171	4.829	2.000	17.100
SIGWVHT	23	2.117	1.007	1.200	3.900
AVWVPR	23	5.457	0.425	4.300	6.300
----- DAY#5 -----					
AIRTEMP	24	22.150	1.378	20.700	24.000
SEATEMP	24	22.754	0.110	22.800	22.900
WINDSPED	24	8.100	1.332	6.200	10.400
SIGWVHT	24	2.017	0.737	1.200	3.500
AVWVPR	24	5.350	0.608	4.500	6.400
----- DAY#6 -----					
AIRTEMP	24	24.575	0.411	23.800	25.200
SEATEMP	24	22.925	0.215	22.700	23.400
WINDSPED	24	5.785	1.913	2.200	8.400
SIGWVHT	24	1.148	0.132	1.000	1.400
AVWVPR	24	5.078	0.184	4.800	5.400

Table 3

DAILY STATISTICS
 BUOY #42001 JANUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	23	24.865	0.285	24.500	25.400
SEATEMP	23	22.878	0.230	22.500	23.300
WINDSPED	23	3.643	0.935	1.100	4.700
SIGWVHT	23	0.688	0.150	0.500	0.800
AVWVPR	23	4.752	0.283	4.300	5.200
----- DAY#8 -----					
AIRTEMP	24	23.521	0.913	21.800	25.000
SEATEMP	24	22.400	0.147	22.800	23.200
WINDSPED	24	5.442	4.120	0.200	12.200
SIGWVHT	24	1.042	0.670	0.500	2.300
AVWVPR	24	4.462	0.670	3.000	5.500
----- DAY#9 -----					
AIRTEMP	24	20.558	0.808	19.500	22.100
SEATEMP	24	22.200	0.189	22.000	22.500
WINDSPED	24	8.032	0.973	6.300	9.900
SIGWVHT	24	1.508	0.332	1.100	2.100
AVWVPR	24	4.475	0.552	3.800	5.200
----- DAY#10 -----					
AIRTEMP	24	19.783	0.841	18.900	21.200
SEATEMP	24	21.929	0.149	21.400	22.300
WINDSPED	24	4.333	1.491	1.700	7.600
SIGWVHT	24	0.833	0.220	0.800	1.200
AVWVPR	24	4.233	0.334	3.600	4.800
----- DAY#11 -----					
AIRTEMP	24	17.680	2.240	15.300	20.900
SEATEMP	24	21.946	0.332	21.500	22.300
WINDSPED	24	9.317	2.709	6.000	14.100
SIGWVHT	24	1.800	0.778	0.500	2.700
AVWVPR	24	4.500	0.898	3.200	5.700
----- DAY#12 -----					
AIRTEMP	24	19.621	2.787	16.000	23.900
SEATEMP	24	21.450	0.167	21.200	21.700
WINDSPED	24	6.628	3.353	2.800	12.400
SIGWVHT	24	1.262	0.317	0.500	1.900
AVWVPR	24	4.525	0.474	4.000	5.600

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 JANUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	24.325	0.242	23.700	24.700
SEATEMP	24	21.762	0.247	21.400	22.200
WINDSPED	24	5.328	3.630	3.400	14.200
SIGWVHT	24	2.045	0.215	1.600	2.500
AVWVPR	24	5.575	0.349	4.600	6.200
----- DAY:14 -----					
AIRTEMP	24	18.083	3.310	15.200	24.800
SEATEMP	24	21.983	0.056	21.900	22.100
WINDSPED	24	15.037	2.881	10.100	19.000
SIGWVHT	24	3.887	1.253	1.800	5.300
AVWVPR	24	6.571	0.975	4.800	7.600
----- DAY:15 -----					
AIRTEMP	24	16.508	0.938	15.100	18.600
SEATEMP	24	22.082	0.078	22.000	22.300
WINDSPED	24	4.729	3.946	0.400	13.500
SIGWVHT	24	2.129	1.044	0.700	4.000
AVWVPR	24	6.021	0.884	5.000	7.400
----- DAY:16 -----					
AIRTEMP	24	21.145	1.333	18.700	23.200
SEATEMP	24	22.167	0.105	21.900	22.300
WINDSPED	24	3.367	1.145	1.600	5.700
SIGWVHT	24	0.492	0.097	0.400	0.700
AVWVPR	24	4.271	0.283	3.600	4.900
----- DAY:17 -----					
AIRTEMP	24	21.987	0.694	21.200	23.200
SEATEMP	24	22.325	0.154	22.000	22.800
WINDSPED	24	5.150	2.815	1.700	10.000
SIGWVHT	24	1.071	0.631	0.300	2.000
AVWVPR	24	4.758	0.633	3.600	5.900
----- DAY:18 -----					
AIRTEMP	22	23.832	1.129	21.700	25.000
SEATEMP	22	22.745	0.180	22.500	23.000
WINDSPED	22	7.014	1.184	5.100	10.700
SIGWVHT	21	1.105	0.199	0.900	1.600
AVWVPR	21	4.495	0.285	4.100	5.000

Table 3 (continue)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	24.862	0.267	24.500	25.400
SEATEMP	24	22.862	0.113	22.700	23.100
WINDSPED	24	5.554	1.272	2.700	7.800
SIGWVHT	24	1.000	0.100	0.800	1.200
AVWVPR	24	4.512	0.307	4.000	5.000
----- DAY:20 -----					
AIRTEMP	24	25.045	0.186	24.700	25.300
SEATEMP	24	22.825	0.230	22.500	23.200
WINDSPED	24	4.500	1.038	2.200	6.400
SIGWVHT	24	0.867	0.056	0.800	1.000
AVWVPR	24	4.658	0.275	4.000	5.000
----- DAY:21 -----					
AIRTEMP	24	25.067	0.158	24.600	25.300
SEATEMP	24	22.717	0.260	22.400	23.100
WINDSPED	24	6.146	1.264	2.700	7.100
SIGWVHT	24	0.737	0.058	0.600	0.800
AVWVPR	24	4.325	0.279	3.900	4.800
----- DAY:22 -----					
AIRTEMP	24	25.037	0.273	24.600	25.500
SEATEMP	24	22.546	0.280	21.900	23.000
WINDSPED	24	4.854	2.451	1.200	9.100
SIGWVHT	24	0.837	0.333	0.600	1.500
AVWVPR	24	4.442	0.303	3.800	4.800
----- DAY:23 -----					
AIRTEMP	24	25.029	0.180	24.700	25.300
SEATEMP	24	22.625	0.139	22.400	22.900
WINDSPED	24	6.032	0.913	3.300	7.800
SIGWVHT	24	1.362	0.150	1.100	1.600
AVWVPR	24	4.983	0.127	4.700	5.200
----- DAY:24 -----					
AIRTEMP	24	23.100	0.822	22.100	24.700
SEATEMP	24	22.479	0.144	22.300	22.800
WINDSPED	24	6.850	2.572	2.200	16.200
SIGWVHT	24	1.237	0.237	1.000	1.800
AVWVPR	24	4.554	0.425	4.000	5.300

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#25 -----					
AIRTEMP	24	23.858	0.556	22.500	24.500
SEATEMP	24	22.604	0.313	22.400	23.300
WINDSPED	24	4.386	2.588	0.900	8.300
SIGWYHT	24	1.186	0.266	0.700	1.600
AVWVPR	24	5.037	0.289	4.500	5.600
----- DAY#26 -----					
AIRTEMP	24	21.742	1.878	18.800	24.100
SEATEMP	24	22.464	0.161	22.300	22.800
WINDSPED	24	8.667	2.300	5.100	13.700
SIGWYHT	24	1.678	1.006	0.700	3.300
AVWVPR	24	6.867	0.848	3.900	5.400
----- DAY#27 -----					
AIRTEMP	24	20.925	1.867	18.500	23.500
SEATEMP	24	22.496	0.160	22.300	22.700
WINDSPED	24	7.562	1.673	4.900	10.800
SIGWYHT	24	1.450	0.341	1.100	2.200
AVWVPR	24	4.945	0.418	4.100	5.400
----- DAY#28 -----					
AIRTEMP	24	23.983	0.357	23.500	24.700
SEATEMP	24	22.950	0.066	22.800	23.100
WINDSPED	24	6.762	1.183	4.000	8.100
SIGWYHT	24	1.082	0.093	1.000	1.300
AVWVPR	24	4.500	0.320	4.100	5.000
----- DAY#29 -----					
AIRTEMP	24	24.625	0.182	24.400	24.900
SEATEMP	24	22.887	0.070	22.700	23.000
WINDSPED	24	8.800	1.910	5.700	11.600
SIGWYHT	24	1.383	0.284	1.000	1.900
AVWVPR	24	4.993	0.287	4.300	5.200
----- DAY#30 -----					
AIRTEMP	24	24.776	0.517	22.500	25.100
SEATEMP	24	22.692	0.083	22.500	22.800
WINDSPED	24	11.225	0.825	9.400	12.700
SIGWYHT	24	2.225	0.198	1.900	2.500
AVWVPR	24	5.383	0.455	4.600	6.200

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 JANUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#31 -----					
AIRTEMP	22	23.750	1.546	20.800	25.300
SEATEMP	24	22.367	0.278	21.500	22.700
WINDSPED	24	10.352	2.001	6.200	13.200
SIGWYHT	24	2.371	0.183	2.000	2.700
AVWVPR	24	5.592	0.161	5.400	6.100

Table 3 (continue)

42001 FEBRUARY 1982

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 FEBRUARY 1982

AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BAROMTR BAROMETER (MB)
 WINDSPED WIND SPEED (M/SEC)
 WINDDIRC WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWVHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWVPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	669	23.522	1.456	18.500	25.900	6.400	+1.108	0.488
SEATEMP	670	22.260	0.754	20.500	24.100	3.600	+0.186	-0.693
BAROMTR	670	1018.613	3.385	1010.000	1025.900	15.900	-0.289	-0.350
WINDSPED	665	6.392	2.560	0.100	12.600	12.500	+0.048	-0.523
WINDDIRC	667	120.117	53.780	0.100	359.800	359.700	1.085	0.352
SIGWVHT	670	1.204	0.520	0.300	3.000	2.700	0.622	-0.082
AVWVPR	670	4.685	0.661	3.000	7.300	4.300	0.404	0.811

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 FEBRUARY 1982

PERCENTAGE BAR CHART

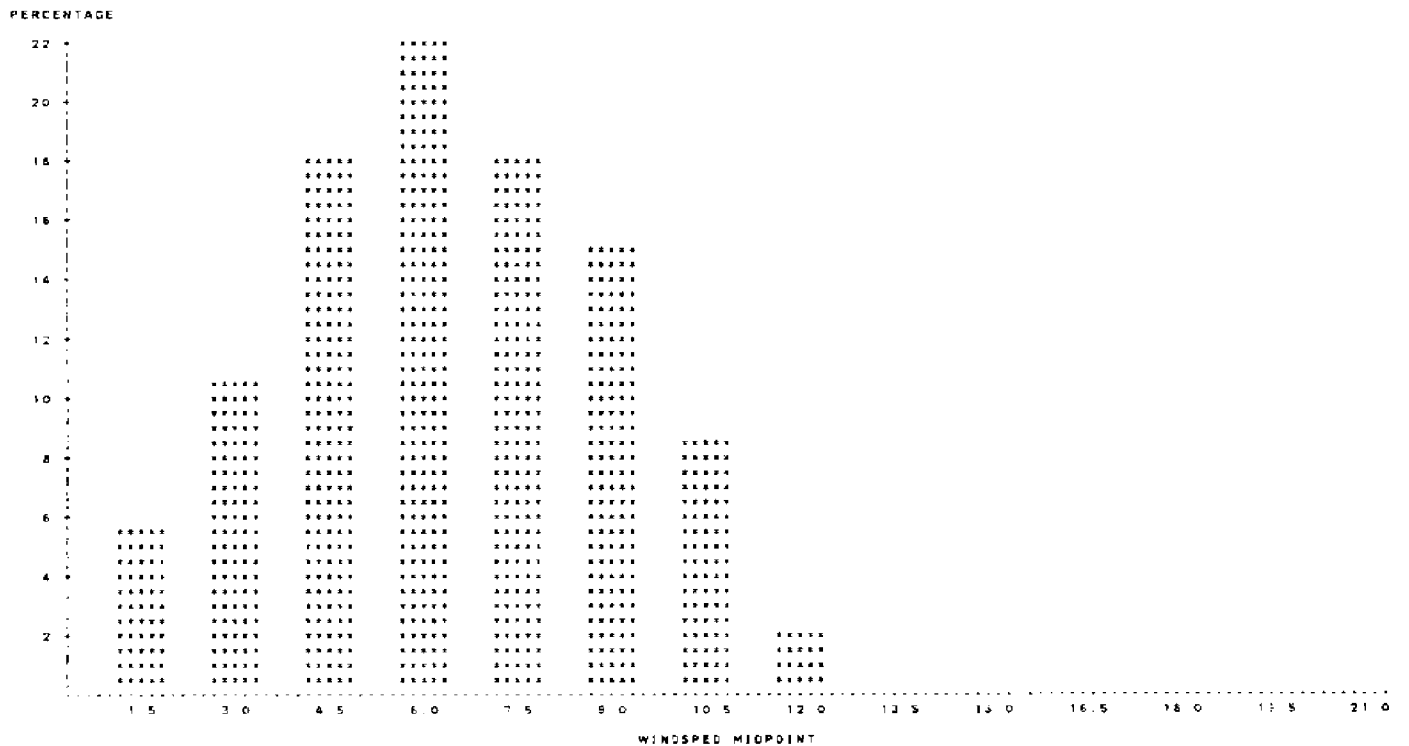


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 FEBRUARY 1982

PERCENTAGE BAR CHART

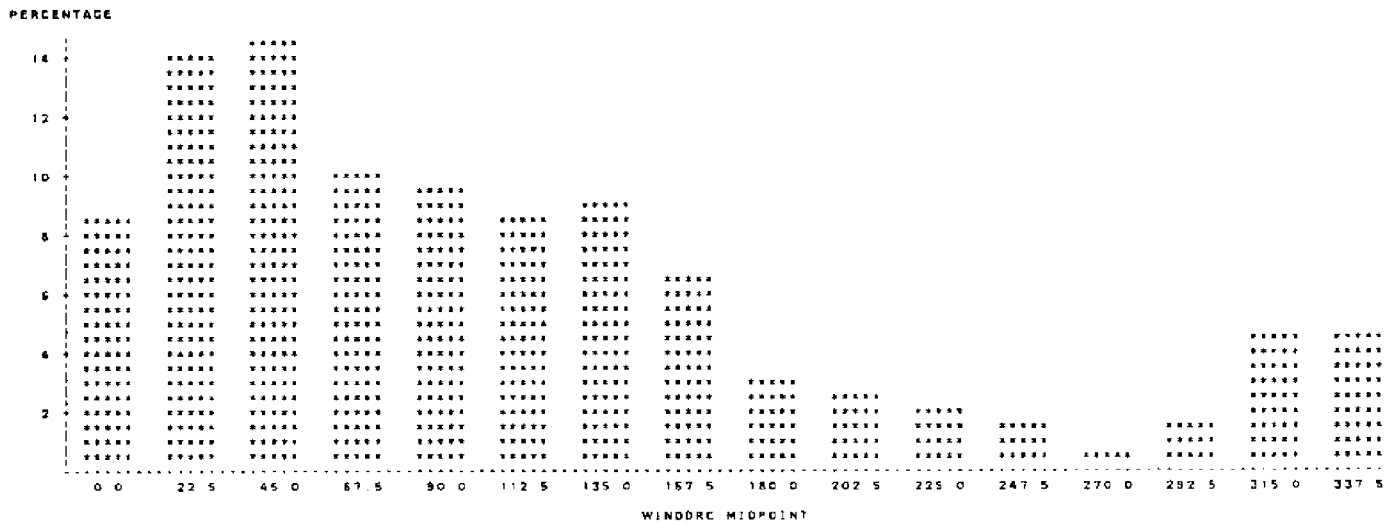


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 FEBRUARY 1982

PERCENTAGE BAR CHART

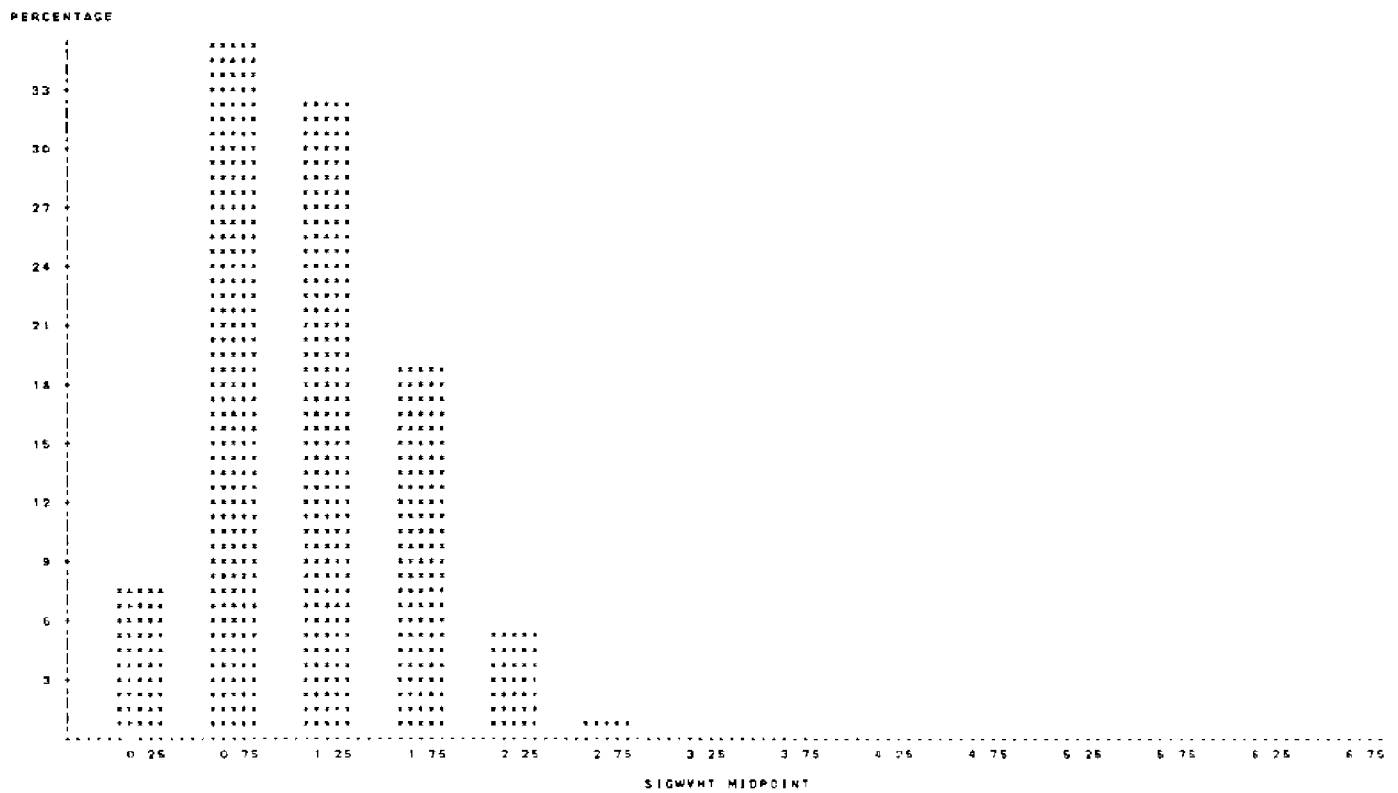


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 FEBRUARY 1962

PERCENTAGE BAR CHART

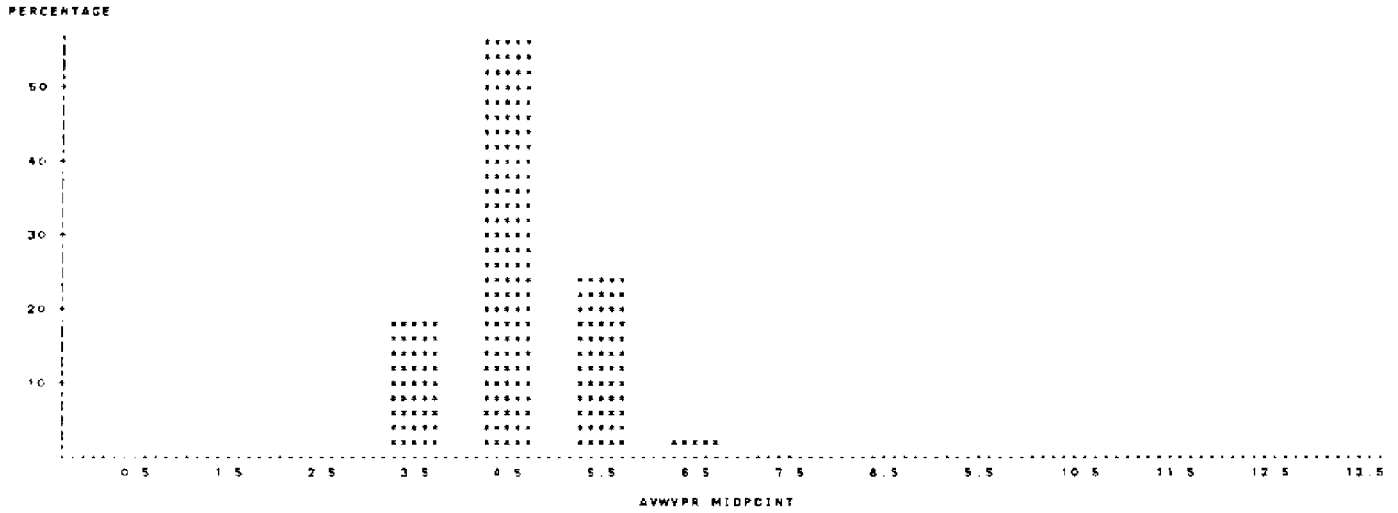


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 FEBRUARY 1962

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT						TOTAL
	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	
<=3.0	4 0.50 80.00 7.68	1 0.15 20.00 0.43	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	5 0.75
<=4.0	41 5.12 35.65 78.85	56 9.25 57.39 78.21	8 1.18 6.95 3.67	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	115 17.16
<=5.0	7 1.04 1.86 13.46	151 24.03 42.82 66.80	147 21.94 39.10 67.43	59 8.81 18.69 47.70	2 0.30 0.53 5.88	0 0.00 0.00 0.00	376 56.17
<=6.0	0 0.00 0.00 0.00	6 0.90 3.75 7.56	63 9.40 38.38 28.90	66 9.85 41.25 52.80	24 3.56 15.00 70.59	1 0.15 0.63 14.29	160 23.88
<=7.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	8 1.18 72.73 23.53	3 0.45 27.27 42.86	11 1.64
<=8.0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	3 0.45 100.00 42.86	3 0.45
TOTAL	52 7.76	234 34.93	218 32.54	125 18.85	34 5.07	7 1.04	670 100.00

Table 2

DAILY STATISTICS
 BUDY #42001 FEBRUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	21.183	1.285	19.500	23.800
SEATEMP	24	20.987	0.115	20.800	21.300
WINDSPED	24	6.929	0.718	5.600	8.800
SIGWVHT	24	3.212	0.497	1.300	3.000
AVWVPR	24	6.225	0.644	5.000	7.300
----- DAY#2 -----					
AIRTEMP	24	24.304	0.269	23.800	24.700
SEATEMP	24	21.083	0.270	20.800	21.600
WINDSPED	24	5.267	1.149	3.100	7.200
SIGWVHT	24	1.275	0.095	1.100	1.400
AVWVPR	24	5.054	0.221	4.700	5.600
----- DAY#3 -----					
AIRTEMP	24	23.667	0.905	22.200	24.700
SEATEMP	24	21.367	0.131	21.000	21.500
WINDSPED	24	6.442	3.053	2.900	11.300
SIGWVHT	24	1.287	0.277	1.000	1.900
AVWVPR	24	5.204	0.479	4.300	5.800
----- DAY#4 -----					
AIRTEMP	24	23.037	0.598	22.000	23.800
SEATEMP	24	20.752	0.159	20.500	21.200
WINDSPED	24	5.346	0.890	7.800	10.900
SIGWVHT	24	1.829	0.239	1.500	2.400
AVWVPR	24	4.979	0.247	4.600	5.500
----- DAY#5 -----					
AIRTEMP	23	24.683	0.550	23.900	25.900
SEATEMP	24	22.479	0.722	21.400	24.100
WINDSPED	23	5.000	3.195	0.400	10.200
SIGWVHT	24	1.712	0.534	1.100	2.600
AVWVPR	24	5.586	0.737	5.200	6.900
----- DAY#6 -----					
AIRTEMP	24	24.821	0.509	23.900	25.500
SEATEMP	24	23.406	0.289	23.100	23.900
WINDSPED	23	4.748	2.286	0.500	11.000
SIGWVHT	24	0.771	0.176	0.800	1.400
AVWVPR	24	4.612	0.543	3.700	5.100

Table 3

DAILY STATISTICS
 BUDY #42001 FEBRUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	22.642	0.720	21.100	24.000
SEATEMP	24	23.333	0.305	23.000	23.800
WINDSPED	24	10.000	1.212	8.000	11.900
SIGWVHT	24	1.804	0.148	1.500	2.000
AVWVPR	24	5.012	0.278	4.300	5.500
----- DAY#8 -----					
AIRTEMP	24	24.367	0.774	22.900	25.300
SEATEMP	24	22.917	0.163	22.800	23.300
WINDSPED	24	7.242	1.511	3.800	9.300
SIGWVHT	24	1.300	0.241	0.900	1.700
AVWVPR	24	4.521	0.128	4.300	4.800
----- DAY#9 -----					
AIRTEMP	24	24.971	0.210	24.600	25.400
SEATEMP	24	23.012	0.180	22.800	23.300
WINDSPED	24	6.442	1.021	4.500	8.800
SIGWVHT	24	0.921	0.068	0.800	1.000
AVWVPR	24	4.521	0.254	4.100	5.000
----- DAY#10 -----					
AIRTEMP	24	22.957	0.835	22.300	25.100
SEATEMP	24	22.767	0.190	22.500	23.100
WINDSPED	24	8.125	1.738	3.900	10.300
SIGWVHT	24	1.642	0.458	0.800	2.700
AVWVPR	24	4.933	0.682	3.600	5.900
----- DAY#11 -----					
AIRTEMP	24	23.571	0.891	22.600	24.700
SEATEMP	24	22.850	0.141	22.700	23.100
WINDSPED	24	7.087	2.378	2.800	11.200
SIGWVHT	24	1.078	0.284	0.700	1.500
AVWVPR	24	4.278	0.285	3.700	5.000
----- DAY#12 -----					
AIRTEMP	24	24.504	0.421	23.300	25.000
SEATEMP	24	22.500	0.156	22.300	22.800
WINDSPED	24	5.804	2.464	1.900	10.600
SIGWVHT	24	1.271	0.384	0.600	1.900
AVWVPR	24	5.033	0.337	4.200	5.600

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 FEBRUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 13 -----					
AIRTEMP	24	21.537	1.482	20.200	24.500
SEATEMP	24	21.571	0.412	21.000	22.400
WINDSPED	24	9.712	2.213	4.600	12.600
SIGWVHT	24	1.612	0.541	0.600	2.300
AVWVPR	24	4.704	0.577	3.400	5.400
----- DAY: 14 -----					
AIRTEMP	24	21.986	1.526	20.300	24.400
SEATEMP	24	21.862	0.340	21.200	22.200
WINDSPED	23	5.787	1.868	1.600	8.000
SIGWVHT	24	1.392	0.308	1.000	2.000
AVWVPR	24	4.862	0.387	4.400	5.600
----- DAY: 15 -----					
AIRTEMP	22	24.550	0.311	23.600	24.800
SEATEMP	22	22.177	0.154	22.000	22.800
WINDSPED	22	6.945	1.685	3.600	9.600
SIGWVHT	22	1.214	0.084	1.100	1.500
AVWVPR	22	4.658	0.234	4.400	5.200
----- DAY: 16 -----					
AIRTEMP	24	24.446	0.184	23.900	24.600
SEATEMP	24	22.033	0.131	21.700	22.200
WINDSPED	24	6.954	1.124	4.600	9.300
SIGWVHT	24	1.229	0.149	1.100	1.500
AVWVPR	24	4.537	0.268	4.200	5.100
----- DAY: 17 -----					
AIRTEMP	24	23.808	0.517	22.700	24.800
SEATEMP	24	22.183	0.432	21.800	23.200
WINDSPED	23	3.004	1.679	0.400	5.000
SIGWVHT	24	0.762	0.191	0.600	1.200
AVWVPR	24	4.733	0.228	4.400	5.200
----- DAY: 18 -----					
AIRTEMP	24	23.696	0.539	23.000	24.700
SEATEMP	24	21.825	0.231	21.600	22.600
WINDSPED	24	4.446	1.119	2.000	6.300
SIGWVHT	24	0.567	0.082	0.500	0.700
AVWVPR	24	4.150	0.430	3.800	5.000

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 FEBRUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY: 19 -----					
AIRTEMP	24	24.367	0.161	24.000	24.600
SEATEMP	24	21.979	0.267	21.700	22.500
WINDSPED	24	4.221	0.569	3.600	5.400
SIGWVHT	24	0.454	0.059	0.400	0.600
AVWVPR	24	3.837	0.176	3.400	4.100
----- DAY: 20 -----					
AIRTEMP	24	24.378	0.512	23.800	25.900
SEATEMP	24	22.400	0.540	21.900	23.600
WINDSPED	23	2.774	1.383	0.600	5.400
SIGWVHT	24	0.654	0.059	0.600	0.800
AVWVPR	24	4.196	0.273	3.700	4.600
----- DAY: 21 -----					
AIRTEMP	24	23.528	0.425	23.000	24.600
SEATEMP	24	22.104	0.391	21.700	23.300
WINDSPED	24	3.654	1.865	0.100	6.000
SIGWVHT	24	0.908	0.110	0.300	0.700
AVWVPR	24	3.833	0.513	3.000	4.200
----- DAY: 22 -----					
AIRTEMP	24	22.906	0.182	22.600	23.200
SEATEMP	24	21.637	0.176	21.400	22.000
WINDSPED	24	8.271	1.334	5.700	9.900
SIGWVHT	24	1.254	0.490	0.600	2.000
AVWVPR	24	4.117	0.563	3.400	5.100
----- DAY: 23 -----					
AIRTEMP	24	23.208	0.465	22.800	24.200
SEATEMP	24	21.983	0.343	21.700	22.800
WINDSPED	24	6.587	1.018	4.700	8.500
SIGWVHT	24	1.226	0.194	0.800	1.600
AVWVPR	24	4.533	0.347	4.000	5.100
----- DAY: 24 -----					
AIRTEMP	24	24.233	0.268	23.800	24.800
SEATEMP	24	22.758	0.161	22.500	23.000
WINDSPED	24	6.250	1.196	3.500	7.800
SIGWVHT	24	0.892	0.072	0.800	1.000
AVWVPR	24	4.246	0.232	3.900	4.500

Table 3 (continue)

DAILY STATISTICS
 BU5Y #42001 FEBRUARY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#25 -----					
AIRTEMP	24	24.737	0.347	24.100	25.300
SEATEMP	24	22.883	0.370	22.300	23.500
WINDSPED	24	4.437	1.558	1.300	7.000
SIGWVHT	24	0.708	0.050	0.600	0.800
AVWVPR	24	4.354	0.371	3.800	4.900
----- DAY#26 -----					
AIRTEMP	24	26.125	0.119	24.800	25.300
SEATEMP	24	23.133	0.058	23.100	23.300
WINDSPED	24	3.386	1.470	7.300	11.700
SIGWVHT	24	1.271	0.347	0.800	1.800
AVWVPR	24	4.412	0.510	3.800	5.200
----- DAY#27 -----					
AIRTEMP	24	21.629	1.355	20.200	24.800
SEATEMP	24	22.848	0.213	22.500	23.100
WINDSPED	24	7.250	1.759	2.700	9.800
SIGWVHT	24	1.711	0.399	1.200	2.400
AVWVPR	24	5.458	0.374	4.700	6.000
----- DAY#28 -----					
AIRTEMP	24	19.812	0.154	19.500	20.100
SEATEMP	24	22.466	0.046	22.400	22.500
WINDSPED	24	5.957	0.949	3.500	7.500
SIGWVHT	24	1.200	0.318	0.800	1.800
AVWVPR	24	4.771	0.523	3.500	5.500

Table 3 (continue)

42001 MARCH 1982

MONTHLY WAVE STATISTIC SUMMARY
 BUOY #42001 MARCH 1982

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BAROMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRC	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	744	23.993	2.220	16.400	26.400	10.000	-1.651	2.100
SEATEMP	744	22.653	0.845	20.400	24.500	4.100	-0.651	-0.154
BAROMTR	744	1016.268	4.706	1005.100	1029.200	24.100	0.599	0.098
WINDSPED	743	6.353	2.705	0.100	18.400	18.300	0.594	1.906
WINDDRC	744	122.231	67.037	0.800	358.700	357.900	1.406	3.370
SIGWVHT	742	1.130	0.747	0.300	4.500	4.200	1.873	3.704
AVWVPR	742	4.672	0.805	3.100	7.300	4.200	0.706	0.115

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BUOY #42001 MARCH 1982
 PERCENTAGE BAR CHART

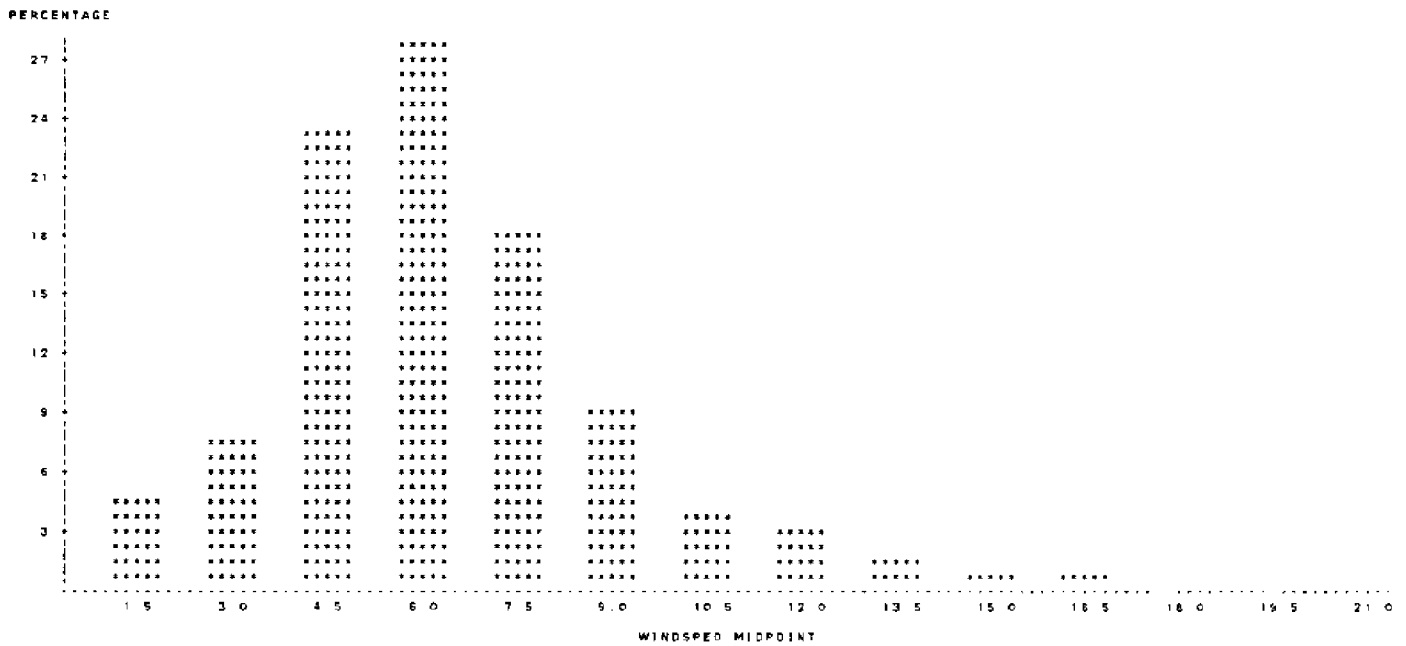


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUOY #42001 MARCH 1982
 PERCENTAGE BAR CHART

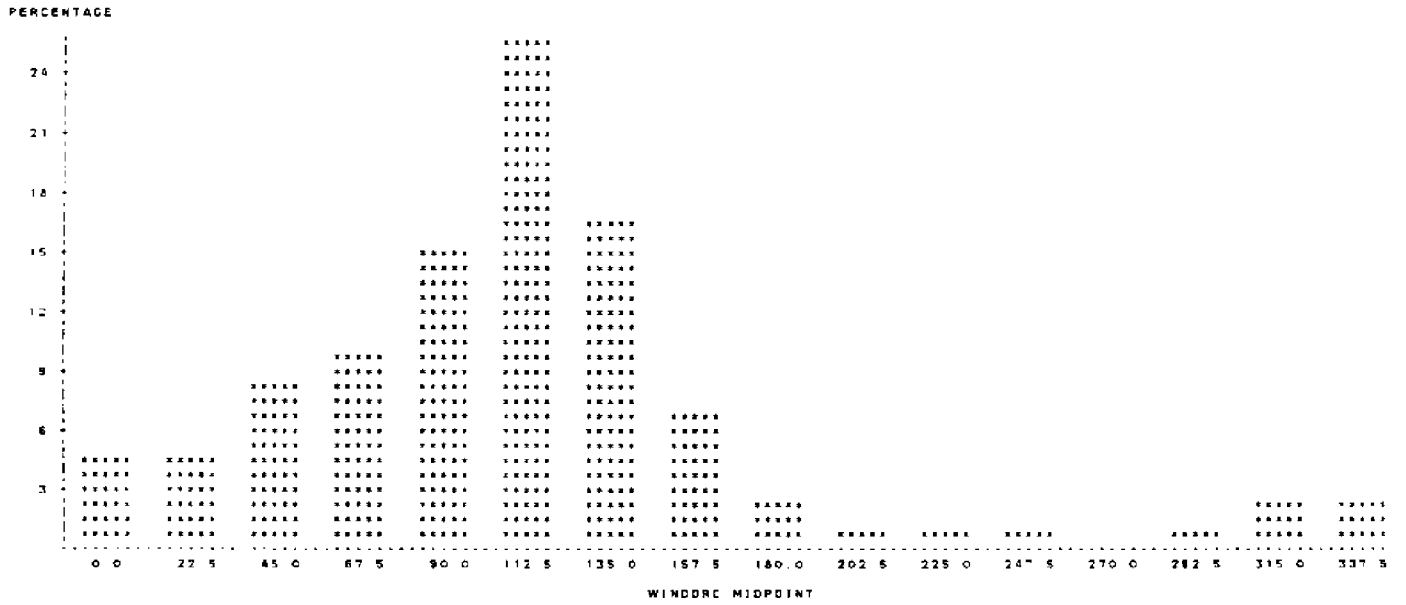


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUOY #42001 MARCH 1982
 PERCENTAGE BAR CHART

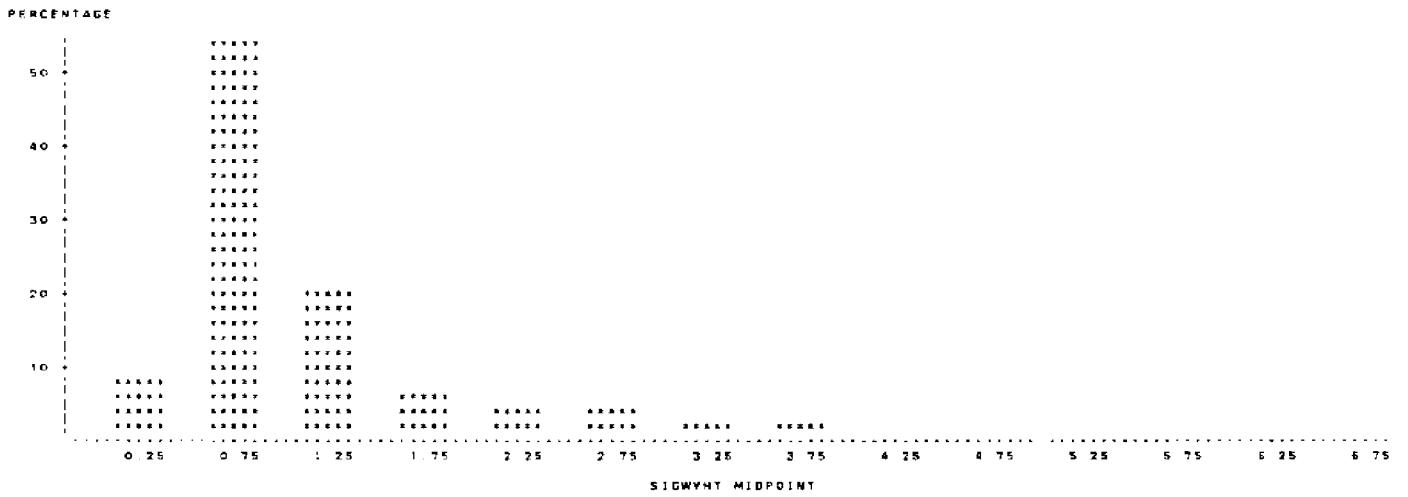


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUDY #42001 MARCH 1982

PERCENTAGE BAR CHART

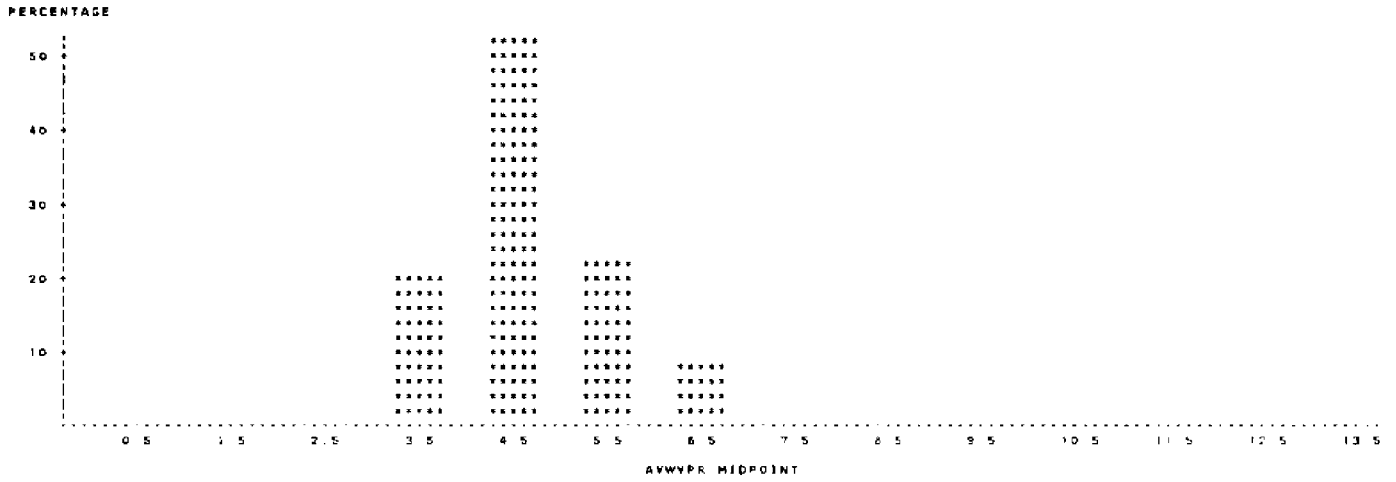


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUDY #42001 MARCH 1982

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	<=4.0	<=4.5	TOTAL
2	0	0	0	0	0	0	0	0	0	0	0
<=4.0	0	32 4.31 22.70 51.61	96 12.94 68.09 24.37	12 1.62 8.51 7.95	1 0.13 0.71 2.04	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	141 19.00
<=5.0	0	30 4.04 7.73 48.39	250 35.04 67.01 85.99	79 10.55 20.35 52.32	18 2.16 4.12 32.65	3 0.40 0.77 11.11	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	388 52.29
<=6.0	0	0 0.00 0.00 0.00	38 5.12 24.20 9.84	60 8.09 38.22 39.74	32 4.31 20.38 85.31	17 2.29 10.83 62.96	8 0.81 3.82 26.08	3 0.40 1.51 15.78	1 0.13 0.64 7.68	0 0.00 0.00 0.00	157 21.16
<=7.0	0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	7 0.84 12.96 25.93	17 2.29 35.48 73.91	16 2.16 23.63 84.21	11 1.48 20.37 84.82	3 0.40 5.88 75.00	94 12.78
<=8.0	0	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	1 0.13 50.00 7.89	1 0.13 50.00 25.00	2 0.27
TOTAL		62 8.36	394 53.10	151 20.35	45 6.50	27 3.64	23 3.10	19 2.56	13 1.75	4 0.54	742 100.00

Table 2

DAILY STATISTICS
 BUDY #42001 MARCH 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	19.892	0.210	18.400	20.000
SEATEMP	24	22.304	0.091	22.200	22.500
WINDSPED	24	6.587	0.844	4.900	7.900
SIGWVHT	24	0.846	0.072	0.700	1.000
AVWVPR	24	3.754	0.278	3.400	4.200
----- DAY:2 -----					
AIRTEMP	24	20.787	0.577	19.900	21.700
SEATEMP	24	22.187	0.113	21.900	22.300
WINDSPED	24	5.862	1.983	2.800	9.200
SIGWVHT	23	1.126	0.121	0.900	1.400
AVWVPR	23	4.281	0.268	3.800	4.800
----- DAY:3 -----					
AIRTEMP	24	22.333	0.648	21.700	24.400
SEATEMP	24	22.237	0.344	21.900	23.100
WINDSPED	24	2.917	1.338	0.200	5.000
SIGWVHT	24	0.579	0.159	0.400	0.900
AVWVPR	24	4.446	0.174	4.300	4.600
----- DAY:4 -----					
AIRTEMP	24	23.362	0.859	22.300	24.900
SEATEMP	24	22.133	0.228	21.800	22.700
WINDSPED	23	4.174	2.199	0.100	7.200
SIGWVHT	24	0.629	0.165	0.400	0.900
AVWVPR	24	4.354	0.128	4.100	4.600
----- DAY:5 -----					
AIRTEMP	24	24.537	0.737	23.500	25.100
SEATEMP	24	21.829	0.222	21.400	22.200
WINDSPED	24	5.282	1.323	1.800	7.400
SIGWVHT	24	0.828	0.143	0.700	1.300
AVWVPR	24	4.312	0.205	4.000	4.700
----- DAY:6 -----					
AIRTEMP	24	24.429	0.510	23.300	25.200
SEATEMP	24	21.883	0.268	21.500	22.300
WINDSPED	24	6.800	1.853	4.000	9.700
SIGWVHT	24	1.333	0.124	1.100	1.800
AVWVPR	24	4.821	0.642	4.000	5.900

Table 3

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	18.550	2.209	16.400	24.300
SEATEMP	24	20.917	0.321	20.800	21.800
WINDSPED	24	12.742	2.184	6.800	16.500
SIGWVHT	24	2.858	0.820	1.300	3.800
AVWVPR	24	5.571	0.882	3.900	6.700
----- DAY:8 -----					
AIRTEMP	24	17.956	1.229	16.800	20.300
SEATEMP	24	20.708	0.156	20.500	21.000
WINDSPED	24	6.662	1.516	4.900	9.300
SIGWVHT	24	1.721	0.602	0.900	2.900
AVWVPR	24	4.867	0.729	4.200	6.300
----- DAY:9 -----					
AIRTEMP	24	21.092	0.452	20.200	21.700
SEATEMP	24	20.556	0.172	20.400	21.000
WINDSPED	24	5.950	1.466	4.300	9.000
SIGWVHT	24	0.879	0.118	0.700	1.100
AVWVPR	24	3.921	0.301	3.500	4.300
----- DAY:10 -----					
AIRTEMP	24	23.633	0.906	22.400	24.500
SEATEMP	24	21.258	0.659	20.600	22.700
WINDSPED	24	4.808	1.862	1.600	8.100
SIGWVHT	24	1.021	0.102	0.900	1.200
AVWVPR	24	4.479	0.515	3.800	5.100
----- DAY:11 -----					
AIRTEMP	24	24.362	0.305	23.800	25.000
SEATEMP	24	22.087	0.360	21.700	22.900
WINDSPED	24	4.483	1.398	1.700	6.300
SIGWVHT	24	1.029	0.172	0.900	1.200
AVWVPR	24	5.050	0.380	4.300	5.800
----- DAY:12 -----					
AIRTEMP	24	24.454	0.313	23.800	25.100
SEATEMP	24	22.279	0.361	21.900	23.000
WINDSPED	24	4.395	0.902	2.800	5.700
SIGWVHT	24	0.704	0.157	0.400	0.900
AVWVPR	24	4.579	0.482	4.100	5.400

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 MARCH 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	24.771	0.321	24.400	25.400
SEATEMP	24	22.604	0.334	22.200	23.300
WINDSPED	24	4.704	0.743	3.400	5.700
SIGWVHT	24	0.442	0.050	0.400	0.500
AVWVPR	24	3.780	0.354	3.200	4.500
----- DAY:14 -----					
AIRTEMP	24	25.097	0.200	24.400	25.400
SEATEMP	24	22.796	0.205	22.800	23.200
WINDSPED	24	5.821	1.119	4.100	8.400
SIGWVHT	24	0.562	0.204	0.300	0.800
AVWVPR	24	3.568	0.447	3.100	4.500
----- DAY:15 -----					
AIRTEMP	24	25.148	0.156	24.900	25.500
SEATEMP	24	22.908	0.239	22.800	23.400
WINDSPED	24	6.412	1.202	4.000	8.000
SIGWVHT	24	0.879	0.088	0.700	1.000
AVWVPR	24	4.242	0.152	4.000	4.500
----- DAY:16 -----					
AIRTEMP	24	25.187	0.148	24.800	25.400
SEATEMP	24	23.025	0.201	22.800	23.400
WINDSPED	24	7.012	1.843	3.800	10.700
SIGWVHT	24	1.058	0.248	0.700	1.400
AVWVPR	24	4.542	0.419	4.000	5.800
----- DAY:17 -----					
AIRTEMP	24	25.233	0.137	25.100	25.800
SEATEMP	24	22.987	0.240	22.800	23.400
WINDSPED	24	6.137	1.249	3.800	8.100
SIGWVHT	24	1.086	0.149	0.900	1.400
AVWVPR	24	4.775	0.637	3.900	5.700
----- DAY:18 -----					
AIRTEMP	24	25.382	0.332	25.000	26.200
SEATEMP	24	23.321	0.270	23.100	23.900
WINDSPED	24	4.823	0.819	3.400	6.300
SIGWVHT	24	0.796	0.137	0.700	1.200
AVWVPR	24	4.579	0.473	4.000	5.600

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 MARCH 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	25.483	0.197	25.200	26.000
SEATEMP	24	23.308	0.219	23.000	23.800
WINDSPED	24	6.258	0.883	4.800	7.700
SIGWVHT	24	0.717	0.087	0.600	0.900
AVWVPR	24	4.017	0.405	3.500	4.800
----- DAY:20 -----					
AIRTEMP	24	25.412	0.213	25.100	25.900
SEATEMP	24	23.254	0.322	22.900	23.900
WINDSPED	24	5.854	0.727	4.300	7.500
SIGWVHT	24	0.683	0.076	0.600	0.800
AVWVPR	24	3.967	0.306	3.400	4.400
----- DAY:21 -----					
AIRTEMP	24	25.667	0.324	24.500	26.200
SEATEMP	24	23.646	0.358	23.300	24.300
WINDSPED	24	5.917	1.311	4.100	8.200
SIGWVHT	24	0.829	0.112	0.800	1.200
AVWVPR	24	4.633	0.351	4.000	5.200
----- DAY:22 -----					
AIRTEMP	24	25.871	0.224	25.600	26.300
SEATEMP	24	23.329	0.356	23.600	24.600
WINDSPED	24	6.137	0.944	3.800	8.800
SIGWVHT	24	0.883	0.148	0.700	1.200
AVWVPR	24	4.704	0.482	4.100	5.600
----- DAY:23 -----					
AIRTEMP	24	25.704	0.226	25.300	26.000
SEATEMP	24	24.087	0.099	24.000	24.400
WINDSPED	24	5.642	1.820	2.200	8.300
SIGWVHT	23	0.852	0.104	0.800	1.100
AVWVPR	23	4.530	0.628	3.900	5.600
----- DAY:24 -----					
AIRTEMP	24	25.650	0.169	25.400	25.900
SEATEMP	24	23.812	0.264	23.200	24.100
WINDSPED	24	7.379	1.176	4.900	9.500
SIGWVHT	24	0.983	0.113	0.800	1.200
AVWVPR	24	4.383	0.251	4.000	4.800

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MARCH 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	24.961	0.802	22.200	26.000
SEATEMP	24	23.575	0.074	23.400	23.700
WINDSPED	24	4.133	1.885	1.300	8.500
SIGWVHT	24	0.842	0.128	0.700	1.100
AVWVPR	24	4.850	0.252	4.600	5.400
----- DAY:26 -----					
AIRTEMP	24	25.175	0.371	24.200	25.600
SEATEMP	24	23.454	0.088	23.300	23.600
WINDSPED	24	6.137	3.634	0.800	10.800
SIGWVHT	24	1.075	0.495	0.800	2.300
AVWVPR	24	4.642	0.814	3.400	5.700
----- DAY:27 -----					
AIRTEMP	24	24.108	0.667	23.600	25.500
SEATEMP	24	23.133	0.140	23.000	23.400
WINDSPED	24	10.042	1.884	7.300	12.200
SIGWVHT	24	1.967	0.230	1.700	2.500
AVWVPR	24	5.146	0.443	4.600	6.000
----- DAY:28 -----					
AIRTEMP	24	22.550	1.307	21.300	25.800
SEATEMP	24	22.817	0.117	22.700	23.000
WINDSPED	24	11.121	4.248	3.100	18.400
SIGWVHT	24	3.112	0.882	1.700	4.500
AVWVPR	24	6.267	0.624	4.700	7.200
----- DAY:29 -----					
AIRTEMP	24	24.575	0.363	24.000	25.300
SEATEMP	24	22.783	0.143	22.700	23.100
WINDSPED	24	10.425	0.891	9.200	12.000
SIGWVHT	24	3.017	0.294	2.500	3.800
AVWVPR	24	6.442	0.328	5.900	7.300
----- DAY:30 -----					
AIRTEMP	24	25.682	0.193	25.300	26.100
SEATEMP	24	23.175	0.196	23.000	23.800
WINDSPED	24	7.608	1.183	5.400	9.200
SIGWVHT	24	1.812	0.279	1.400	2.500
AVWVPR	24	5.842	0.193	5.600	6.200

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MARCH 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	24	25.462	0.262	25.400	26.400
SEATEMP	24	23.854	0.308	23.200	24.100
WINDSPED	24	5.633	1.840	1.800	8.200
SIGWVHT	24	1.312	0.156	1.000	1.800
AVWVPR	24	5.276	0.217	4.900	5.700

Table 3 (continue)

42001 APRIL 1982

MONTHLY WAVE STATISTIC SUMMARY
 BODY #42001 APRIL 1982

AIRTEMP AIR TEMPERATURE (C)
 SEATEMP SEA TEMPERATURE (C)
 BARMTR BARMETER (MB)
 WINDSPED WIND SPEED (M/SEC)
 WINDDRC WIND DIRECTION (DEGREES FROM TRUE NORTH)
 SIGWHT SIGNIFICANT WAVE HEIGHTS (M)
 AVWYPR AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKEWNESS	KURTOSIS
AIRTEMP	719	26.021	0.947	21.600	27.700	6.100	-1.140	1.584
SEATEMP	719	24.170	0.448	23.300	25.700	2.400	0.570	-0.115
BARMTR	719	1015.215	2.808	1008.800	1021.800	12.800	0.081	-0.785
WINDSPED	719	8.305	2.852	0.100	18.800	18.700	0.738	0.224
WINDDRC	719	122.886	88.433	2.800	358.800	357.000	1.103	2.876
SIGWHT	717	1.243	0.537	0.400	3.800	3.400	1.074	1.211
AVWYPR	717	4.873	0.732	3.400	6.800	3.400	0.076	-0.898

Table 1

HISTOGRAM OF WIND SPEED (M/SEC)
 BODY #42001 APRIL 1982

PERCENTAGE BAR CHART

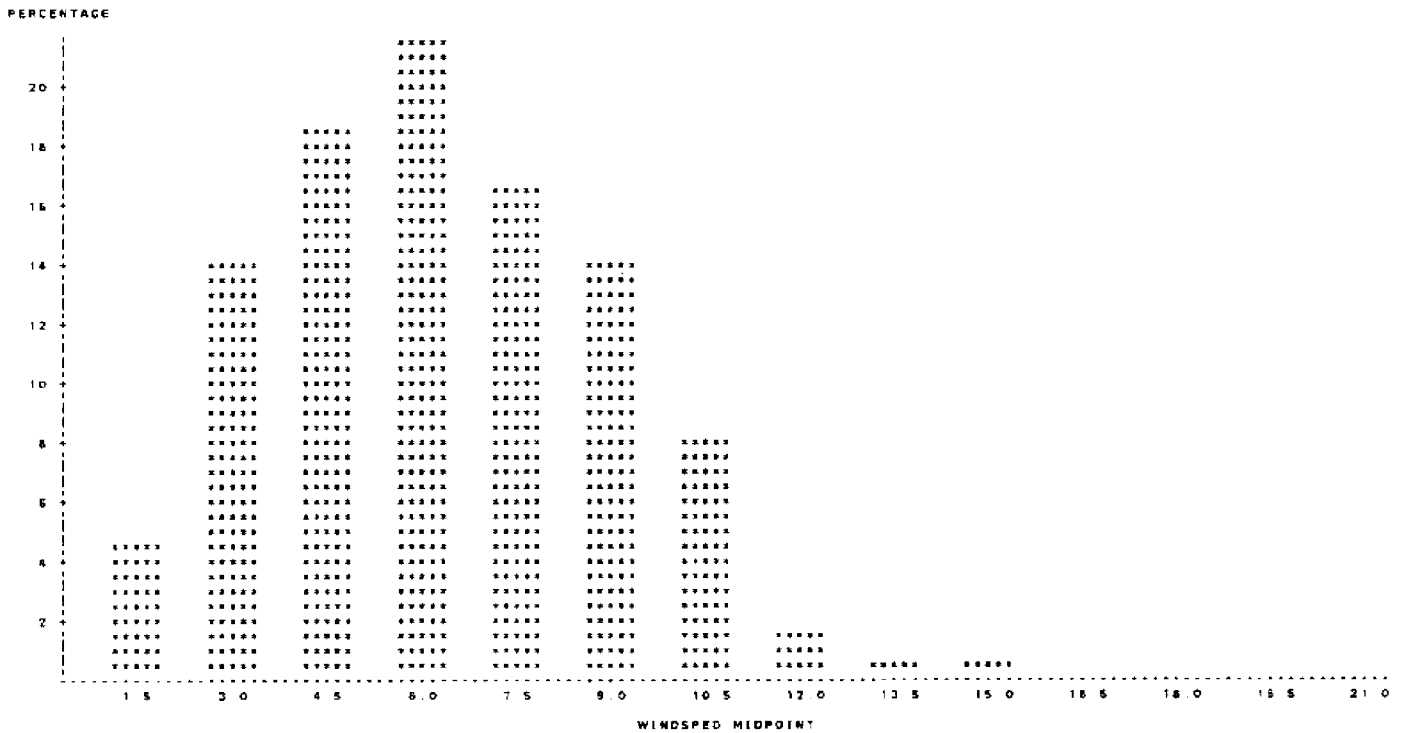


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 APRIL 1982

PERCENTAGE BAR CHART

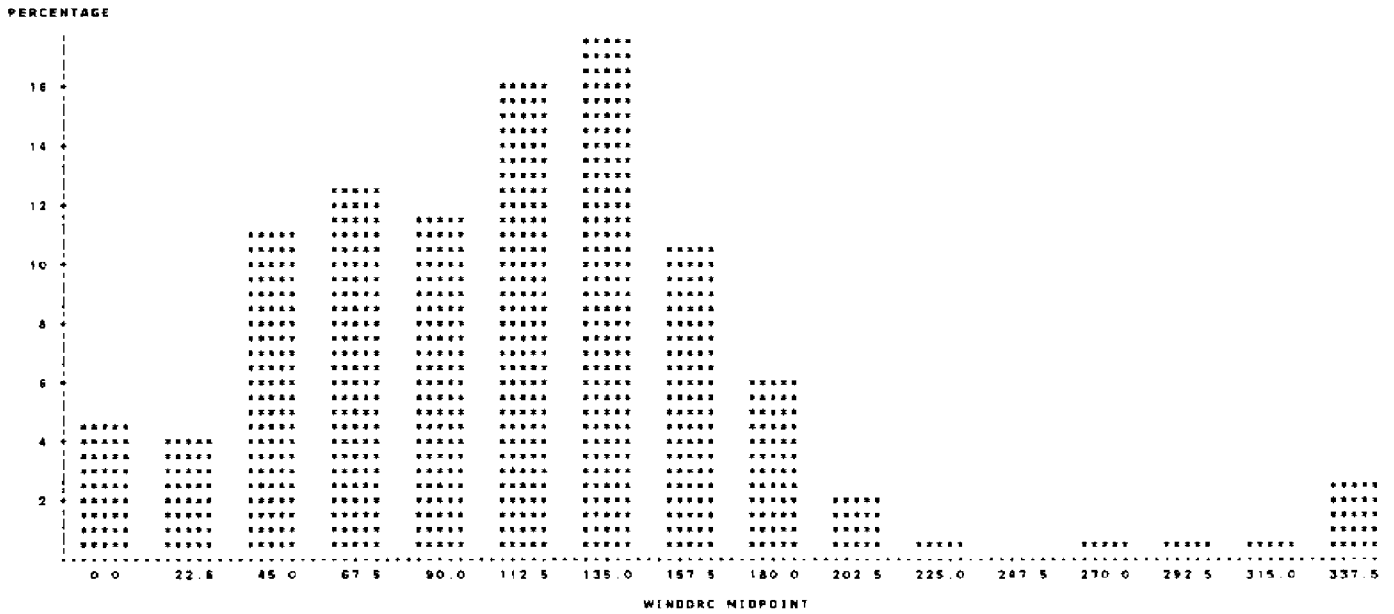


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 APRIL 1982

PERCENTAGE BAR CHART

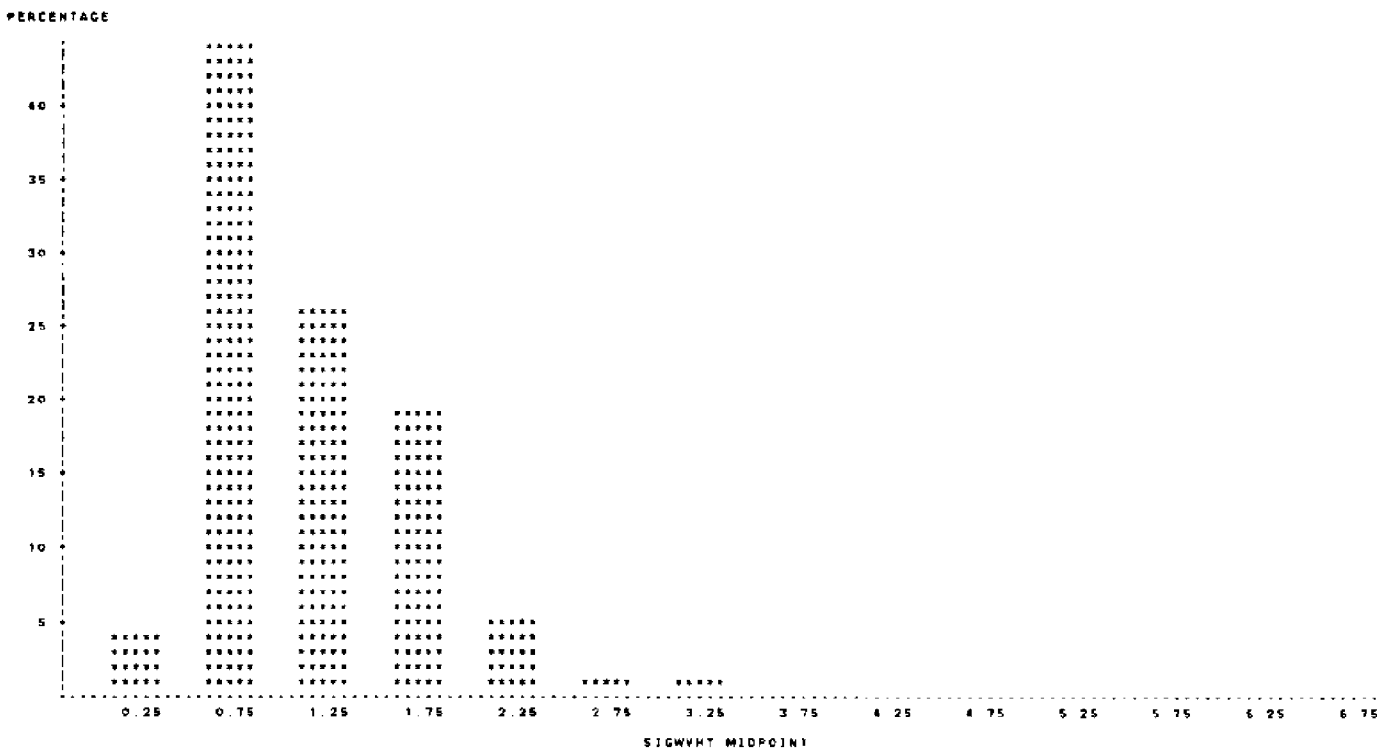


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD [SEC]
 BUOY #42001 APRIL 1982

PERCENTAGE BAR CHART

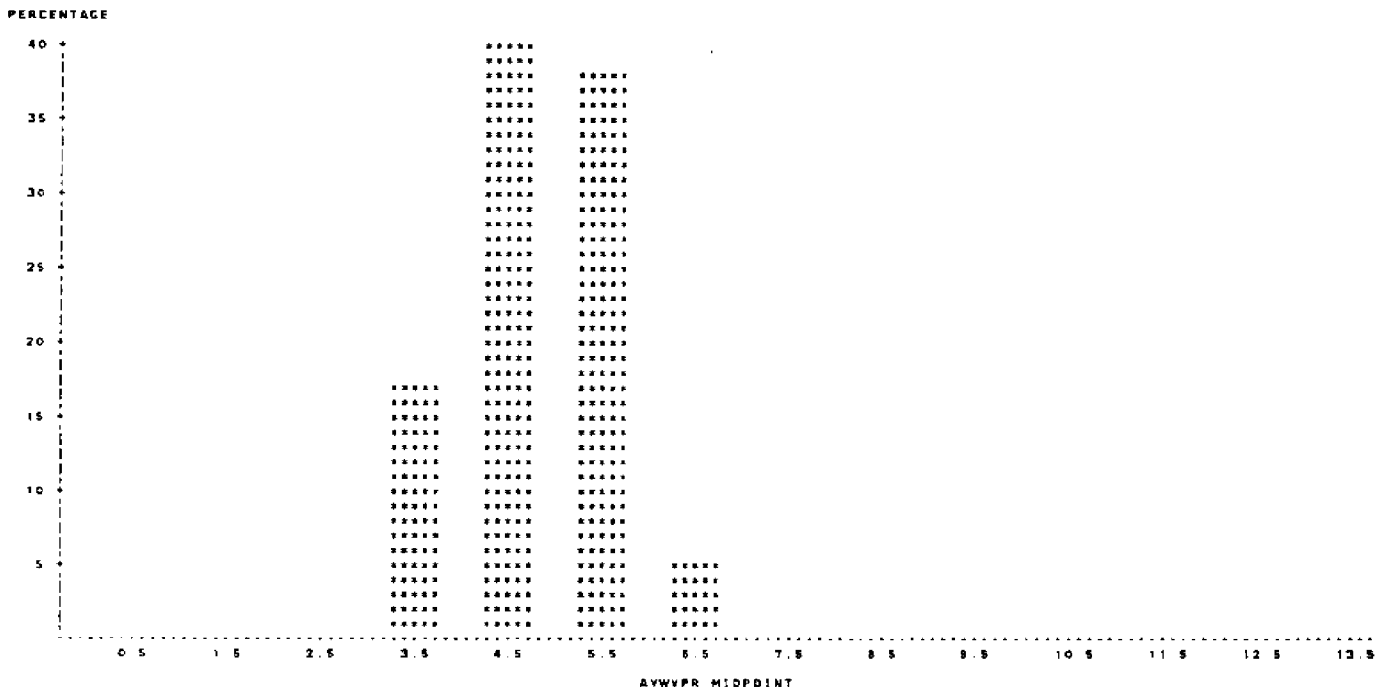


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 APRIL 1982

TABLE OF AVWVPR BY SIGWVHT

AVWVPR	SIGWVHT	FREQUENCY							TOTAL
		<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	<=3.0	<=3.5	
	2	0	0	0	0	0	0	0	
<=4.0	0	13	99	7	0	0	0	0	118
		1.81	13.81	0.58	0.00	0.00	0.00	0.00	16.60
		50.00	83.19	5.88	0.00	0.00	0.00	0.00	
		0.00	31.43	3.83	0.00	0.00	0.00	0.00	
<=5.0	0	13	172	79	21	2	0	0	287
		1.81	23.98	7.02	2.93	0.28	0.00	0.00	40.03
		50.00	89.93	27.53	7.32	0.70	0.00	0.00	
		0.00	54.60	43.17	15.11	5.13	0.00	0.00	
<=6.0	0	0	44	89	106	26	6	3	274
		0.00	6.14	12.41	14.76	3.63	0.84	0.42	38.21
		0.00	16.06	32.48	34.89	9.48	2.19	1.09	
		0.00	13.97	48.83	78.26	66.67	66.67	50.00	
<=7.0	0	0	0	8	12	11	3	3	37
		0.00	0.00	1.17	1.87	1.53	0.42	0.42	5.16
		0.00	0.00	2.62	32.83	29.73	8.11	8.11	
		0.00	0.00	4.37	8.63	28.21	33.33	50.00	
TOTAL		26	316	183	139	39	9	6	717
		3.83	43.93	25.52	19.39	5.44	1.28	0.84	100.00

Table 2

DAILY STATISTICS
 BUOY #42001 APRIL 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#1 -----					
AIRTEMP	24	25.786	0.185	25.500	26.200
SEATEMP	24	23.804	0.268	23.500	24.300
WINDSPED	24	3.833	0.355	1.800	6.800
SIGWVHT	24	0.800	0.150	0.500	1.000
AVWVPR	24	4.392	0.387	3.400	5.000
----- DAY#2 -----					
AIRTEMP	24	25.786	0.123	25.800	26.000
SEATEMP	24	23.748	0.128	23.500	24.800
WINDSPED	24	7.312	1.872	3.300	8.700
SIGWVHT	24	0.821	0.264	0.800	1.200
AVWVPR	24	3.882	0.475	3.400	4.800
----- DAY#3 -----					
AIRTEMP	24	26.050	0.365	25.300	27.100
SEATEMP	24	23.888	0.572	23.300	25.300
WINDSPED	24	5.300	3.348	0.100	9.700
SIGWVHT	24	1.383	0.137	1.100	1.600
AVWVPR	24	5.129	0.387	4.700	5.700
----- DAY#4 -----					
AIRTEMP	24	25.808	0.379	24.800	26.800
SEATEMP	24	25.821	0.382	23.500	25.000
WINDSPED	24	5.367	1.843	0.400	6.200
SIGWVHT	24	1.133	0.152	0.800	1.400
AVWVPR	24	4.958	0.486	4.400	5.800
----- DAY#5 -----					
AIRTEMP	24	26.221	0.122	25.800	26.400
SEATEMP	24	23.704	0.172	22.600	23.800
WINDSPED	24	7.850	1.881	2.800	11.000
SIGWVHT	24	1.323	0.436	0.800	1.900
AVWVPR	24	4.979	0.653	4.200	6.100
----- DAY#6 -----					
AIRTEMP	24	25.408	0.578	24.400	26.000
SEATEMP	24	23.854	0.051	23.800	23.800
WINDSPED	24	6.087	3.588	1.300	12.200
SIGWVHT	24	1.400	0.408	0.800	2.400
AVWVPR	24	5.108	0.686	4.000	5.900

Table 3

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#7 -----					
AIRTEMP	24	24.975	0.683	24.200	25.800
SEATEMP	24	23.562	0.065	23.500	23.700
WINDSPED	24	10.054	0.739	8.300	11.300
SIGWVHT	24	2.050	0.272	1.700	2.800
AVWVPR	24	5.287	0.272	4.800	5.800
----- DAY#8 -----					
AIRTEMP	24	25.878	0.326	25.000	26.300
SEATEMP	24	23.721	0.158	23.800	24.000
WINDSPED	24	8.578	1.128	5.000	11.200
SIGWVHT	24	1.787	0.168	1.800	2.100
AVWVPR	24	5.587	0.287	5.100	6.200
----- DAY#9 -----					
AIRTEMP	24	25.783	0.321	25.300	26.500
SEATEMP	24	23.958	0.264	23.700	24.400
WINDSPED	24	3.154	1.578	0.300	6.400
SIGWVHT	24	1.433	0.220	1.100	1.800
AVWVPR	24	5.850	0.736	5.400	6.200
----- DAY#10 -----					
AIRTEMP	24	26.137	0.273	25.700	26.800
SEATEMP	24	24.175	0.205	23.800	24.600
WINDSPED	24	4.250	1.652	1.800	9.200
SIGWVHT	24	1.817	0.320	1.200	2.800
AVWVPR	24	5.712	0.384	5.200	6.500
----- DAY#11 -----					
AIRTEMP	24	23.471	0.588	21.800	24.200
SEATEMP	24	23.829	0.188	23.800	24.300
WINDSPED	24	9.233	2.157	4.000	13.300
SIGWVHT	24	2.123	0.251	1.700	2.800
AVWVPR	24	5.537	0.414	5.000	6.800
----- DAY#12 -----					
AIRTEMP	24	23.887	0.580	23.300	25.000
SEATEMP	24	23.587	0.209	22.400	24.000
WINDSPED	24	5.596	1.859	2.400	9.300
SIGWVHT	24	1.350	0.241	0.900	1.800
AVWVPR	24	5.092	0.169	4.200	5.500

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 APRIL 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#13 -----					
AIRTEMP	23	25.257	0.312	24.800	25.900
SEATEMP	23	23.700	0.207	23.500	24.100
WINDSPED	23	4.804	1.254	3.000	7.000
SIGWVHT	23	0.726	0.092	0.600	0.900
AVWVPR	23	4.883	0.455	4.100	5.600
----- DAY#14 -----					
AIRTEMP	24	26.033	0.297	25.700	26.700
SEATEMP	24	23.975	0.218	23.800	24.400
WINDSPED	24	5.804	1.093	4.000	8.100
SIGWVHT	23	0.847	0.084	0.600	0.800
AVWVPR	23	4.004	0.343	3.800	4.800
----- DAY#15 -----					
AIRTEMP	24	26.546	0.114	26.300	26.800
SEATEMP	24	23.925	0.170	23.700	24.200
WINDSPED	24	7.379	2.219	4.300	11.600
SIGWVHT	24	1.012	0.251	0.600	1.400
AVWVPR	24	4.782	0.417	3.800	4.800
----- DAY#16 -----					
AIRTEMP	24	26.837	0.092	26.700	27.000
SEATEMP	24	23.879	0.125	23.600	24.200
WINDSPED	24	6.767	1.181	6.700	11.800
SIGWVHT	24	1.575	0.228	1.200	1.900
AVWVPR	24	4.912	0.558	4.200	5.600
----- DAY#17 -----					
AIRTEMP	24	26.771	0.263	26.100	27.100
SEATEMP	24	24.087	0.280	23.800	24.700
WINDSPED	24	7.583	2.838	3.700	11.300
SIGWVHT	24	1.671	0.244	1.200	2.000
AVWVPR	24	5.208	0.372	4.500	5.700
----- DAY#18 -----					
AIRTEMP	24	26.742	0.303	26.100	27.300
SEATEMP	24	24.850	0.430	24.300	25.500
WINDSPED	24	3.050	0.716	1.600	4.400
SIGWVHT	23	0.878	0.144	0.600	1.200
AVWVPR	23	5.004	0.164	4.700	5.300

Table 3 (continue)

DAILY STATISTICS
 BUDY #42001 APRIL 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#19 -----					
AIRTEMP	24	26.737	0.176	26.500	27.200
SEATEMP	24	24.667	0.232	24.300	25.300
WINDSPED	24	6.596	1.086	4.300	8.800
SIGWVHT	24	0.696	0.157	0.400	0.900
AVWVPR	24	4.125	0.275	3.500	4.700
----- DAY#20 -----					
AIRTEMP	24	26.817	0.124	26.600	27.000
SEATEMP	24	24.637	0.128	24.400	24.800
WINDSPED	24	7.758	1.134	5.500	9.500
SIGWVHT	24	0.908	0.121	0.700	1.100
AVWVPR	24	4.092	0.128	3.800	4.400
----- DAY#21 -----					
AIRTEMP	24	27.125	0.198	26.800	27.800
SEATEMP	24	24.704	0.253	24.500	25.200
WINDSPED	24	5.542	0.588	3.900	6.400
SIGWVHT	24	0.979	0.102	0.800	1.200
AVWVPR	24	4.467	0.264	4.100	4.900
----- DAY#22 -----					
AIRTEMP	24	27.346	0.189	27.100	27.700
SEATEMP	24	25.058	0.337	24.700	25.700
WINDSPED	23	4.478	2.147	0.100	8.000
SIGWVHT	24	0.912	0.054	0.800	1.000
AVWVPR	24	4.367	0.377	3.700	5.000
----- DAY#23 -----					
AIRTEMP	24	25.483	1.048	22.800	27.800
SEATEMP	24	24.642	0.413	24.300	25.800
WINDSPED	24	10.225	3.379	2.800	15.800
SIGWVHT	24	2.354	0.890	0.800	3.500
AVWVPR	24	5.637	0.672	4.400	6.300
----- DAY#24 -----					
AIRTEMP	24	25.876	0.641	24.900	28.700
SEATEMP	24	24.337	0.181	24.200	24.700
WINDSPED	24	5.256	2.011	1.400	8.800
SIGWVHT	24	1.837	0.285	1.300	2.200
AVWVPR	24	5.917	0.282	5.200	6.400

Table 3 (continue)

DAILY STATISTICS
 SUDY #42001 APRIL 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY#25 -----					
AIRTEMP	24	28 704	0 201	26 200	27 300
SEATEMP	24	24 537	0 463	24 200	25 600
WINDSPED	24	4 217	1 608	0 800	7 000
SIGWVHT	24	1 133	0 150	0 800	1 600
AVWVPR	24	5 817	0 357	5 200	6 400
----- DAY#26 -----					
AIRTEMP	24	28 554	0 659	23 900	27 200
SEATEMP	24	24 800	0 215	24 600	25 300
WINDSPED	23	6 061	1 733	2 400	9 100
SIGWVHT	24	0 942	0 168	0 700	1 200
AVWVPR	24	5 104	0 287	4 600	5 600
----- DAY#27 -----					
AIRTEMP	24	26 012	0 631	25 000	27 000
SEATEMP	24	24 587	0 145	24 400	24 800
WINDSPED	23	3 183	2 318	0 500	6 400
SIGWVHT	24	0 883	0 137	0 700	1 200
AVWVPR	24	4 478	0 645	3 600	5 300
----- DAY#28 -----					
AIRTEMP	24	25 478	0 380	24 800	26 100
SEATEMP	24	24 382	0 088	24 300	24 600
WINDSPED	24	5 782	1 217	5 000	6 600
SIGWVHT	24	0 933	0 048	0 800	1 000
AVWVPR	24	4 086	0 148	3 700	4 300
----- DAY#29 -----					
AIRTEMP	24	26 071	0 332	25 600	26 800
SEATEMP	24	24 375	0 182	24 200	24 700
WINDSPED	24	7 275	0 953	5 800	8 000
SIGWVHT	24	0 883	0 064	0 800	1 000
AVWVPR	24	3 883	0 163	3 600	4 300
----- DAY#30 -----					
AIRTEMP	24	26 875	0 322	25 300	27 500
SEATEMP	24	24 408	0 114	24 300	24 800
WINDSPED	24	6 604	1 985	3 100	10 000
SIGWVHT	24	0 921	0 269	0 800	1 400
AVWVPR	24	4 175	0 473	3 700	5 200

Table 3 (continue)

42001 MA\ 1982

MONTHLY WAVE STATISTIC SUMMARY
 STUDY #42001 MAY 1982

AIRTEMP	AIR TEMPERATURE (C)
SEATEMP	SEA TEMPERATURE (C)
BARDMTR	BAROMETER (MB)
WINDSPED	WIND SPEED (M/SEC)
WINDDRG	WIND DIRECTION (DEGREES FROM TRUE NORTH)
SIGWVHT	SIGNIFICANT WAVE HEIGHTS (M)
AVWVPR	AVERAGE WAVE PERIODS (SEC)

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE	RANGE	SKWENESS	KURTOSIS
AIRTEMP	743	27.123	0.888	24.200	30.700	6.500	0.126	0.497
SEATEMP	743	24.815	1.088	23.200	28.500	5.300	1.094	0.505
BARDMTR	743	1014.875	2.725	1007.700	1020.100	12.400	-0.546	-0.428
WINDSPED	730	5.753	2.146	0.100	11.500	11.500	0.249	-0.240
WINDDRG	742	102.847	56.476	0.800	354.800	358.000	2.323	7.907
SIGWVHT	742	1.029	0.504	0.300	2.500	2.200	0.632	-0.418
AVWVPR	742	4.725	0.653	2.300	6.300	3.000	0.150	-1.012

Table 1

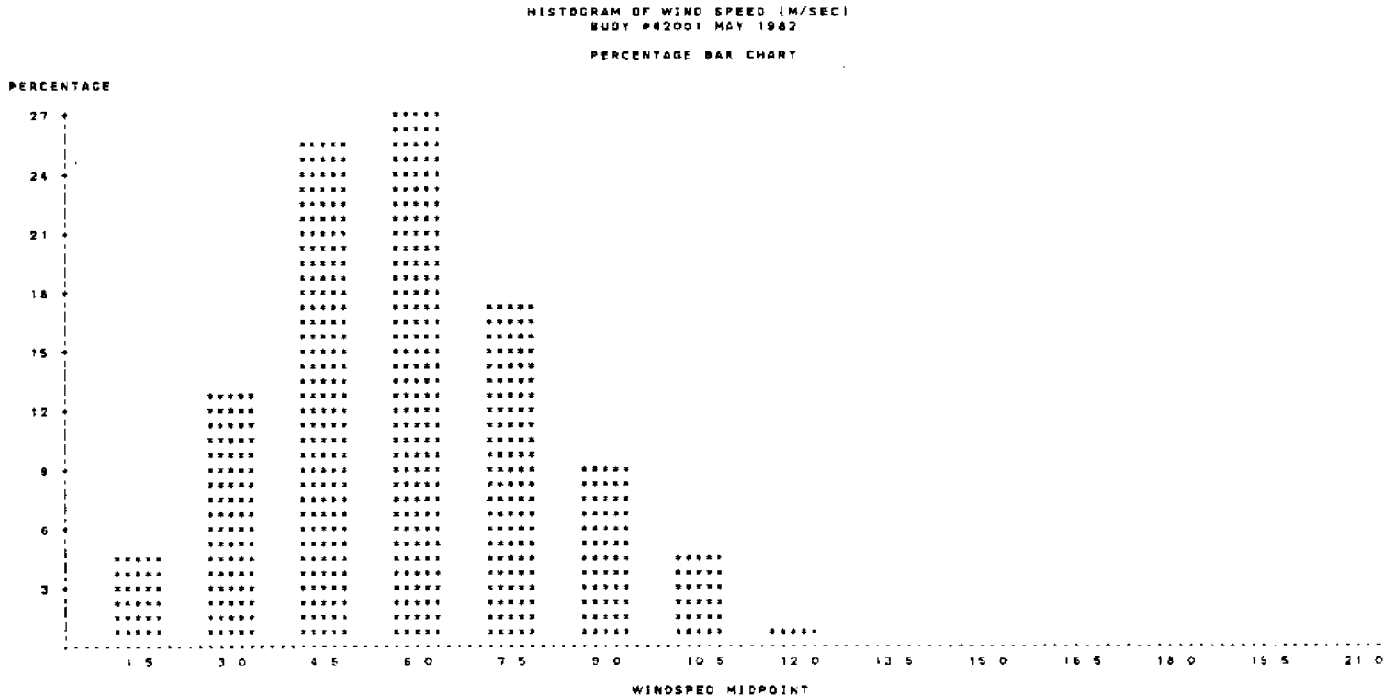


Fig. 1

HISTOGRAM OF WIND DIRECTION (DEGREE FROM TRUE NORTH)
 BUDY #42001 MAY 1982

PERCENTAGE BAR CHART

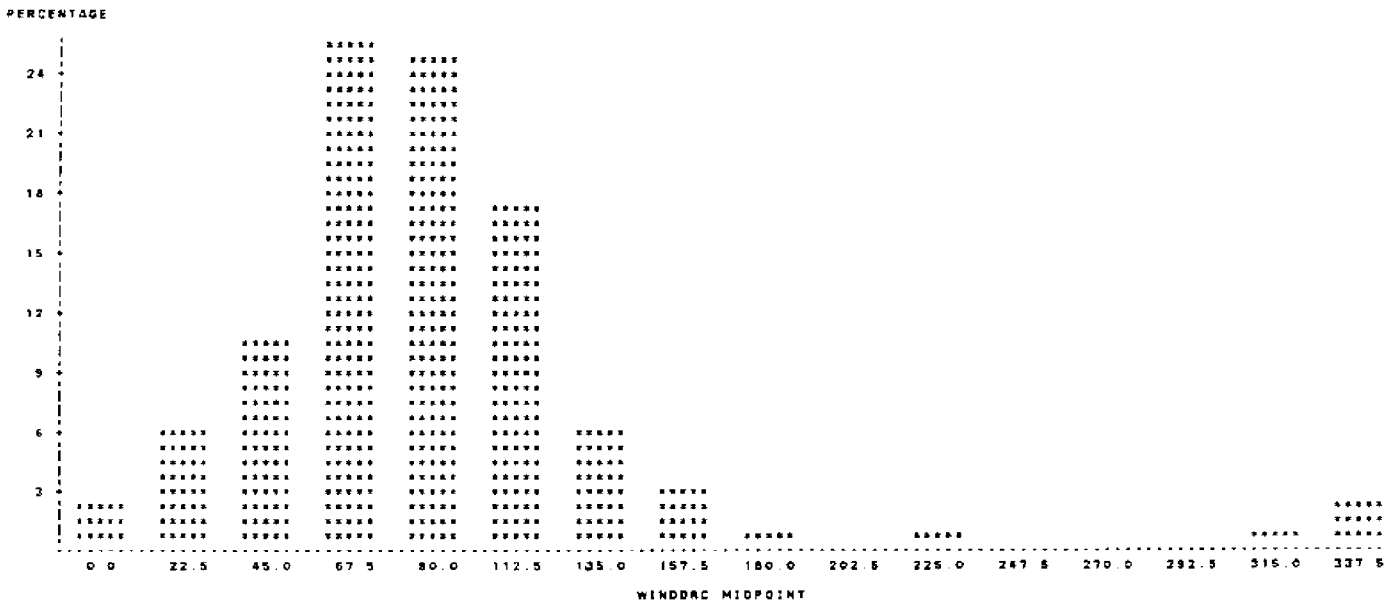


Fig. 2

HISTOGRAM OF SIGNIFICANT WAVE HEIGHT (M)
 BUDY #42001 MAY 1982

PERCENTAGE BAR CHART

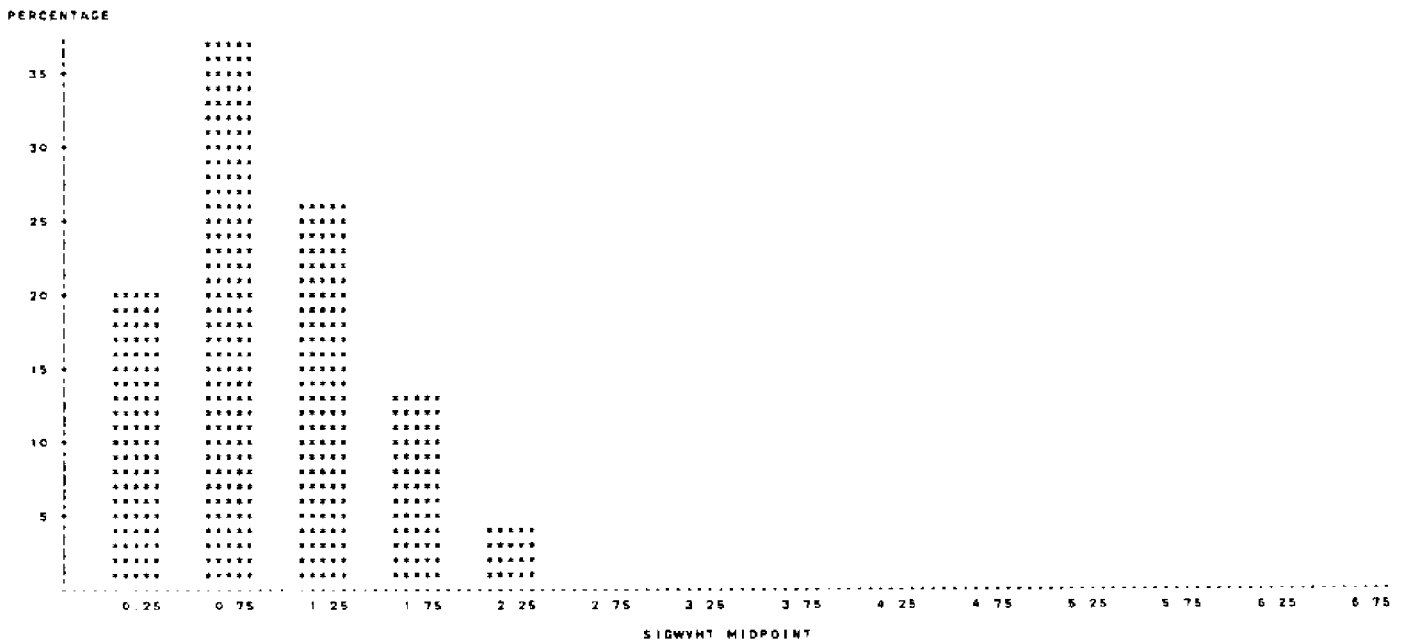


Fig. 3

HISTOGRAM OF AVERAGE WAVE PERIOD (SEC)
 BUOY #42001 MAY 1982

PERCENTAGE BAR CHART

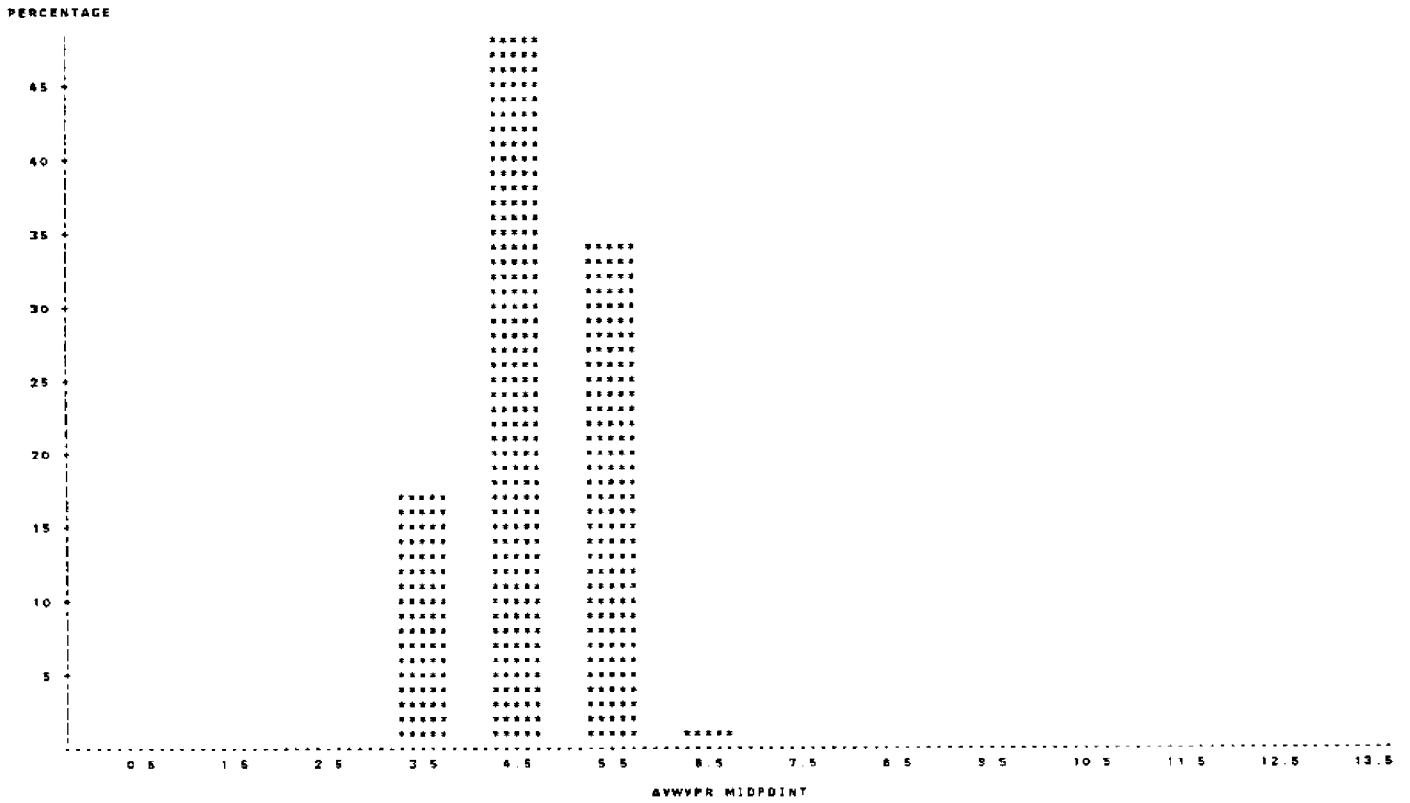


Fig. 4

FREQUENCY OF SIGNIFICANT HEIGHTS AND AVERAGE PERIODS
 BUOY #42001 MAY 1982

TABLE OF AVWVPR BY SIGWHT

AVWVPR	SIGWHT	SIGNIFICANT HEIGHTS					TOTAL
		<=0.5	<=1.0	<=1.5	<=2.0	<=2.5	
	2	0	0	0	0	0	
<=4.0	0	58	87	1	0	0	127
		7.88	9.03	0.13	0.00	0.00	17.12
		48.48	52.76	0.78	0.00	0.00	
		40.14	24.19	0.52	0.00	0.00	
<=5.0	0	88	185	85	17	0	357
		9.30	24.93	11.59	2.29	0.00	48.11
		19.33	51.82	24.09	4.76	0.00	
		46.94	86.79	44.56	17.89	0.00	
<=6.0	0	15	25	104	77	27	262
		2.56	3.37	14.02	10.26	3.64	33.86
		7.54	9.82	41.27	30.86	10.71	
		12.83	9.03	53.89	41.05	30.00	
<=7.0	0	0	0	2	1	3	6
		0.00	0.00	0.27	0.13	0.40	0.81
		0.00	0.00	33.33	16.67	50.00	
		0.00	0.00	1.04	1.05	10.00	
TOTAL		147	277	193	95	30	742
		18.81	37.33	26.01	12.80	4.04	100.00

Table 2

DAILY STATISTICS
 BUDY #42001 MAY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:1 -----					
AIRTEMP	24	26 871	0 746	26 000	27 600
SEATEMP	24	24 471	0 281	24 300	26 200
WINDSPED	23	7 117	2 555	2 300	10 600
SIGWVHT	24	1 626	0 245	1 200	2 100
AVWVPR	24	5 367	0 376	4 700	5 600
----- DAY:2 -----					
AIRTEMP	24	26 079	0 552	24 300	27 000
SEATEMP	24	24 392	0 093	24 300	24 600
WINDSPED	24	7 417	1 435	3 600	9 700
SIGWVHT	24	1 600	0 167	1 300	1 900
AVWVPR	24	5 392	0 273	5 000	6 000
----- DAY:3 -----					
AIRTEMP	24	26 862	0 346	26 800	27 200
SEATEMP	24	24 366	0 123	24 300	24 600
WINDSPED	24	7 267	0 723	5 300	8 600
SIGWVHT	24	1 367	0 204	1 100	1 900
AVWVPR	24	4 892	0 250	4 400	5 200
----- DAY:4 -----					
AIRTEMP	24	26 900	0 250	26 300	27 200
SEATEMP	24	24 408	0 114	24 300	24 600
WINDSPED	24	6 112	1 243	4 200	8 700
SIGWVHT	24	1 042	0 102	0 900	1 300
AVWVPR	24	4 812	0 266	4 200	5 100
----- DAY:5 -----					
AIRTEMP	24	27 212	0 139	26 800	27 400
SEATEMP	24	24 725	0 185	24 400	25 000
WINDSPED	24	7 150	0 913	5 400	8 500
SIGWVHT	24	1 017	0 146	0 800	1 200
AVWVPR	24	4 262	0 273	3 800	4 800
----- DAY:6 -----					
AIRTEMP	24	27 129	0 272	26 800	27 700
SEATEMP	24	24 360	0 102	24 200	24 600
WINDSPED	24	8 729	1 900	3 200	11 600
SIGWVHT	24	1 676	0 307	1 000	2 000
AVWVPR	24	4 976	0 553	4 000	5 700

Table 3

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:7 -----					
AIRTEMP	24	26 825	0 881	24 800	27 300
SEATEMP	24	24 246	0 182	24 100	24 600
WINDSPED	24	7 304	2 021	3 800	10 700
SIGWVHT	24	1 812	0 322	1 300	2 600
AVWVPR	24	5 676	0 162	5 400	5 800
----- DAY:8 -----					
AIRTEMP	24	25 650	0 507	24 700	26 700
SEATEMP	24	24 400	0 118	24 200	24 600
WINDSPED	24	5 317	1 621	0 200	7 400
SIGWVHT	24	1 167	0 143	0 900	1 400
AVWVPR	24	5 337	0 406	4 900	6 100
----- DAY:9 -----					
AIRTEMP	24	25 379	0 308	24 700	25 800
SEATEMP	24	24 225	0 248	23 900	24 600
WINDSPED	24	4 425	0 735	3 200	5 900
SIGWVHT	24	0 800	0 172	0 500	1 000
AVWVPR	24	4 571	0 386	4 100	5 100
----- DAY:10 -----					
AIRTEMP	24	26 071	0 231	25 800	26 600
SEATEMP	24	23 733	0 395	23 200	24 300
WINDSPED	24	5 043	0 877	2 800	6 500
SIGWVHT	23	0 496	0 021	0 400	0 500
AVWVPR	23	3 946	0 250	3 600	4 400
----- DAY:11 -----					
AIRTEMP	24	26 425	0 219	25 900	26 800
SEATEMP	24	23 546	0 191	23 400	24 000
WINDSPED	24	5 029	0 739	3 700	6 100
SIGWVHT	24	0 808	0 097	0 500	0 800
AVWVPR	24	3 967	0 203	3 700	4 300
----- DAY:12 -----					
AIRTEMP	24	26 726	0 231	26 100	27 000
SEATEMP	24	23 546	0 215	23 200	23 900
WINDSPED	24	6 408	1 670	3 300	9 500
SIGWVHT	24	1 204	0 385	0 600	1 800
AVWVPR	24	4 958	0 577	4 000	5 700

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MAY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:13 -----					
AIRTEMP	24	25.852	0.138	26.600	27.100
SEATEMP	24	23.652	0.110	23.500	23.800
WINDSPED	24	9.875	0.861	8.200	10.700
SIGWVHT	24	1.942	0.230	1.500	2.600
AVWVPR	24	5.558	0.230	5.200	6.100
----- DAY:14 -----					
AIRTEMP	24	26.825	0.167	26.500	27.000
SEATEMP	24	23.767	0.174	23.600	24.100
WINDSPED	24	7.778	2.580	3.800	11.800
SIGWVHT	24	2.071	0.210	1.500	2.300
AVWVPR	24	5.871	0.176	5.800	6.300
----- DAY:15 -----					
AIRTEMP	24	26.728	0.153	26.500	27.100
SEATEMP	24	24.042	0.208	23.800	24.400
WINDSPED	24	4.963	0.874	3.200	6.800
SIGWVHT	24	1.323	0.158	1.000	1.600
AVWVPR	24	5.504	0.320	5.100	6.100
----- DAY:16 -----					
AIRTEMP	24	26.692	0.438	25.600	27.200
SEATEMP	24	24.148	0.260	23.800	24.600
WINDSPED	24	5.171	0.800	3.700	6.300
SIGWVHT	24	1.017	0.086	0.800	1.200
AVWVPR	24	5.000	0.184	4.700	5.300
----- DAY:17 -----					
AIRTEMP	24	26.887	0.268	26.200	27.400
SEATEMP	24	24.342	0.254	24.100	24.800
WINDSPED	24	5.358	0.777	4.100	7.000
SIGWVHT	24	1.154	0.106	1.000	1.300
AVWVPR	24	5.121	0.161	4.800	5.500
----- DAY:18 -----					
AIRTEMP	24	27.012	0.151	26.800	27.200
SEATEMP	24	24.379	0.238	24.100	24.800
WINDSPED	24	5.878	1.224	3.700	7.400
SIGWVHT	24	1.187	0.168	0.900	1.600
AVWVPR	24	5.092	0.515	4.500	6.000

Table 3 (continue)

DAILY STATISTICS
 BUOY #42001 MAY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:19 -----					
AIRTEMP	24	27.043	0.189	26.400	27.400
SEATEMP	24	24.400	0.227	24.100	24.700
WINDSPED	24	5.196	0.838	3.200	6.300
SIGWVHT	24	0.829	0.065	0.700	0.800
AVWVPR	24	4.650	0.301	4.000	5.100
----- DAY:20 -----					
AIRTEMP	24	27.137	0.236	26.500	27.500
SEATEMP	24	24.808	0.257	24.300	25.100
WINDSPED	24	5.304	0.871	3.400	6.900
SIGWVHT	24	0.787	0.080	0.800	0.900
AVWVPR	24	4.312	0.201	4.000	4.600
----- DAY:21 -----					
AIRTEMP	24	27.204	0.311	26.000	27.500
SEATEMP	24	24.758	0.217	24.500	25.100
WINDSPED	24	5.817	1.002	3.500	7.600
SIGWVHT	24	0.888	0.112	0.500	0.900
AVWVPR	24	4.125	0.184	3.800	4.300
----- DAY:22 -----					
AIRTEMP	24	27.437	0.158	26.900	27.800
SEATEMP	24	24.604	0.188	24.800	25.100
WINDSPED	24	6.237	1.105	3.800	7.700
SIGWVHT	24	0.742	0.118	0.800	0.900
AVWVPR	24	2.971	0.155	3.700	4.200
----- DAY:23 -----					
AIRTEMP	24	27.371	0.171	27.100	27.800
SEATEMP	24	24.912	0.335	26.600	25.800
WINDSPED	24	3.575	0.822	2.200	5.100
SIGWVHT	24	0.429	0.075	0.300	0.500
AVWVPR	24	4.054	0.172	3.600	4.200
----- DAY:24 -----					
AIRTEMP	24	27.637	0.124	27.400	27.800
SEATEMP	24	25.300	0.416	24.900	26.100
WINDSPED	24	3.604	0.811	2.000	6.000
SIGWVHT	24	0.379	0.041	0.300	0.800
AVWVPR	24	3.737	0.088	3.600	4.000

Table 3 (continue)

DAILY STATISTICS
BUDY #42001 MAY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:25 -----					
AIRTEMP	24	27.598	0.390	26.000	28.100
SEATEMP	24	26.887	0.732	25.300	27.600
WINDSPED	22	3.308	1.033	1.400	4.900
SIGWVHT	24	0.528	0.081	0.400	0.800
AVWVPR	24	4.221	0.278	3.800	4.800
----- DAY:26 -----					
AIRTEMP	24	28.242	0.803	26.700	30.700
SEATEMP	24	26.812	0.991	25.400	28.500
WINDSPED	17	1.758	0.835	0.100	3.400
SIGWVHT	24	0.517	0.054	0.400	0.800
AVWVPR	24	4.812	0.334	4.300	5.300
----- DAY:27 -----					
AIRTEMP	24	28.800	0.208	28.200	28.900
SEATEMP	24	26.829	0.688	25.900	27.900
WINDSPED	24	2.564	0.582	1.700	4.000
SIGWVHT	24	0.350	0.051	0.300	0.400
AVWVPR	24	4.862	0.411	3.900	5.700
----- DAY:28 -----					
AIRTEMP	24	28.558	0.587	26.800	29.400
SEATEMP	24	27.008	0.330	26.800	27.600
WINDSPED	24	5.371	1.499	2.800	7.300
SIGWVHT	24	0.542	0.167	0.300	0.800
AVWVPR	24	4.050	0.546	3.300	5.400
----- DAY:29 -----					
AIRTEMP	24	28.487	0.348	27.800	29.100
SEATEMP	24	26.412	0.342	26.000	27.000
WINDSPED	24	6.295	1.182	3.000	7.800
SIGWVHT	24	0.783	0.120	0.500	1.000
AVWVPR	24	4.104	0.239	3.800	4.700
----- DAY:30 -----					
AIRTEMP	24	28.179	0.454	26.700	28.800
SEATEMP	24	26.475	0.167	26.200	26.800
WINDSPED	21	4.724	2.858	1.000	11.300
SIGWVHT	24	0.800	0.197	0.500	1.200
AVWVPR	24	4.587	0.378	4.000	5.300

Table 3 (continue)

DAILY STATISTICS
BUDY #42001 MAY 1982

VARIABLE	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
----- DAY:31 -----					
AIRTEMP	23	28.600	0.234	27.800	28.900
SEATEMP	23	26.296	0.274	25.900	26.800
WINDSPED	23	7.313	2.122	3.700	10.900
SIGWVHT	23	1.398	0.229	1.100	1.700
AVWVPR	23	4.909	0.309	4.300	5.400

Table 3 (continue)

