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MISSISSIPPI SOUND WAVE-HINDCAST STUDY: APPENDICES E
THROUGH G(U) ARMY ENGINEER WATERWAYS EXPERIMENT STATION
VICKSBURG MS HYDRAULICS LAB R E JENSEN APR 83

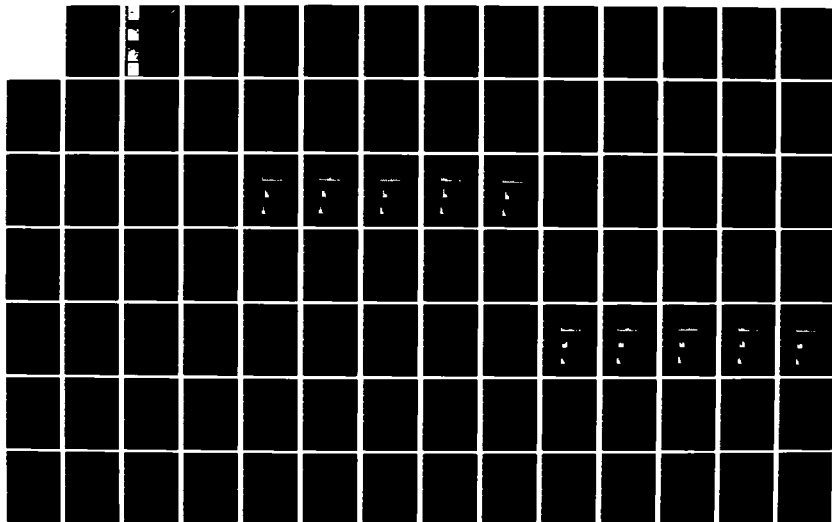
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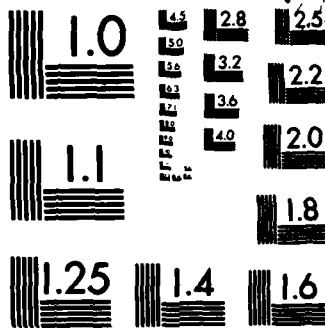
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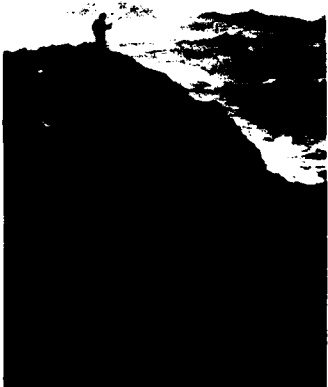




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MISSISSIPPI SOUND WAVE-HINDCAST STUDY

APPENDICES E THROUGH G

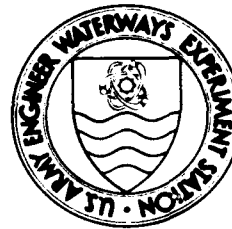
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Final Report

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APPENDIX E: WAVE DATA FOR STATIONS 13 THROUGH 23

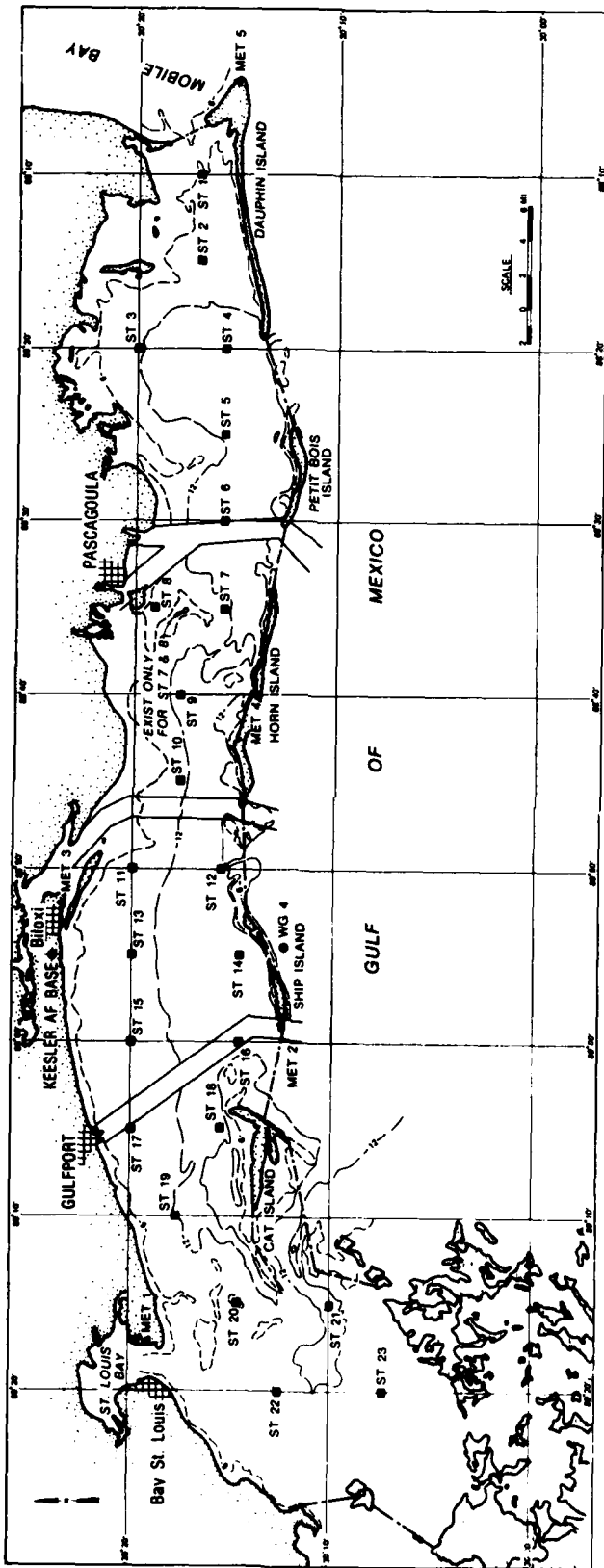
1. Appendix E contains the following information for Stations 13-23 in Mississippi Sound:

- a. Seasonal and 20-Year Percent Occurrence Tables
- b. Percent Exceedance Diagrams
- c. Height, Period, and Direction Histograms
- d. Mean H_s (significant wave height defined in Equation 21, main text) and Largest H_s Tables.

2. A brief description of each product is given in the main text and also information and examples pertaining to the use of these tables and diagrams.

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STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	554	3171	2555	.	.	.	.	.	.	3725
0.99	.	.	5664	1876	.	.	.	.	.	.	8219
1.49	.	.	.	20	.	.	.	.	.	.	1876
1.99	20
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	554	8835	4451	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 1.62 ANGLE CLASS % = 13.8

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	297	1911	955	.	.	.	.	.	.	2208
0.99	.	.	2901	463	.	.	.	.	.	.	3856
1.49	463
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	297	4812	1418	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.44 ANGLE CLASS % = 6.5

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	671	3116	734	.	.	.	.	.	.	3787
0.99	.	.	2929	207	.	.	.	.	.	.	3663
1.49	.	.	.	6	.	.	.	.	.	.	207
1.99	6
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	671	6045	947	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.51 ANGLE CLASS % = 7.7

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1578	1329	.	.	.	.	.	.	1578
0.99	.	.	1447	256	14	.	.	.	.	.	2776
1.49	27	.	.	.	.	.	269
1.99	27
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	3025	1585	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.68 ANGLE CLASS % = 4.7

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	6	235	463	.	.	.	.	.	704
0.99	2769	.	.	.	.	.	2769
1.49	2216	.	.	.	.	.	2216
1.99	1232	685	.	.	.	.	1917
2.49	560	.	.	.	.	560
2.99	27	.	.	.	27
3.49	20	.	.	.	20
3.99	6	.	.	.	6
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	6	235	4679	1245	53	0	0	0	8000

AVERAGE HS(FT) = 1.33 LARGEST HS(FT) = 3.05 ANGLE CLASS % = 6.2

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	436	13	540	.	.	.	.	.	989
0.99	574	.	.	.	.	.	574
1.49	1973	.	.	.	.	.	1973
1.99	616	173	.	.	.	.	789
2.49	249	.	.	.	.	249
2.99	6	.	.	.	6
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	436	13	3703	422	6	0	0	0	6000

AVERAGE HS(FT) = 1.11 LARGEST HS(FT) = 2.78 ANGLE CLASS % = 4.6

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	914	.	.	.	.	.	.	.	914
0.99	.	.	990	3206	.	.	.	.	.	.	4196
1.49	.	.	.	1731	228	.	.	.	.	.	1959
1.99	415	.	.	.	.	.	415
2.49	34	.	.	.	.	.	34
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	1904	4937	677	0	0	0	0	0	6000

AVERAGE HS(FT) = 0.84 LARGEST HS(FT) = 2.47 ANGLE CLASS % = 7.5

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1454	.	.	.	.	.	.	.	1454
0.99	.	.	1468	1426	.	.	.	.	.	.	2894
1.49	.	.	.	1080	.	.	.	.	.	.	1080
1.99	193	.	.	.	.	.	193
2.49
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	2922	2506	193	0	0	0	0	0	6000

AVERAGE HS(FT) = 0.74 LARGEST HS(FT) = 1.95 ANGLE CLASS % = 5.6

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			2174								2174
0.99			1135	2631							3766
1.49				1440	200						1640
1.99					540						540
2.49					34						34
2.99						13					13
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	3309	4071	774	13	0	0	0	0	0

AVERAGE HS (FT) = 0.82 LARGEST HS (FT) = 2.88 ANGLE CLASS % = 8.2

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			394								394
0.99			401	1710							2111
1.49				734							1101
1.99					367						367
2.49					318						318
2.99					27						27
3.49					6						6
3.99						6					6
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	795	2444	718	6	0	0	0	0	0

AVERAGE HS (FT) = 0.93 LARGEST HS (FT) = 2.97 ANGLE CLASS % = 4.0

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			429								429
0.99				1980							1980
1.49				630							630
1.99					617						617
2.49					325						325
2.99					416						416
3.49						13					13
3.99						6					6
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	429	2610	988	19	0	0	0	0	0

AVERAGE HS (FT) = 0.93 LARGEST HS (FT) = 3.18 ANGLE CLASS % = 4.1

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49				90							90
0.99				339							339
1.49					360						360
1.99					1146						1146
2.49					519						519
2.99						173					173
3.49						220					220
3.99						13					13
4.49							6				6
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	0	429	2021	414	6	0	0	0	0

AVERAGE HS (FT) = 1.34 LARGEST HS (FT) = 2.97 ANGLE CLASS % = 2.9

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											615
0.05											567
0.1											1585
0.15											893
0.2											367
0.25											48
0.3											0
0.35											0
0.4											0
0.45											0
0.5											0
0.55											0
0.6											0
0.65											0
0.7											0
0.75											0
0.8											0
0.85											0
0.9											0
GREATER	0	0	6	173	3315	533	48	0	0	0	0
TOTAL	0	0	6	173	3315	533	48	0	0	0	0

AVERAGE HS (FT) = 1.26 LARGEST HS (FT) = 2.96 ANGLE CLASS % = 4.1

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											616
0.05											1108
0.1											539
0.15											152
0.2											20
0.25											0
0.3											0
0.35											0
0.4											0
0.45											0
0.5											0
0.55											0
0.6											0
0.65											0
0.7											0
0.75											0
0.8											0
0.85											0
0.9											0
GREATER	0	0	893	1225	317	0	0	0	0	0	0
TOTAL	0	0	893	1225	317	0	0	0	0	0	0

AVERAGE HS (FT) = 0.83 LARGEST HS (FT) = 2.11 ANGLE CLASS % = 2.4

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											1779
0.05											3282
0.1											1024
0.15											116
0.2											20
0.25											0
0.3											0
0.35											0
0.4											0
0.45											0
0.5											0
0.55											0
0.6											0
0.65											0
0.7											0
0.75											0
0.8											0
0.85											0
0.9											0
GREATER	0	0	3538	2553	130	0	0	0	0	0	0
TOTAL	0	0	3538	2553	130	0	0	0	0	0	0

AVERAGE HS (FT) = 0.71 LARGEST HS (FT) = 2.20 ANGLE CLASS % = 6.2

STATION 13 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											1828
0.05											3185
0.1											1038
0.15											54
0.2											0
0.25											0
0.3											0
0.35											0
0.4											0
0.45											0
0.5											0
0.55											0
0.6											0
0.65											0
0.7											0
0.75											0
0.8											0
0.85											0
0.9											0
GREATER	0	367	3483	2242	13	0	0	0	0	0	0
TOTAL	0	367	3483	2242	13	0	0	0	0	0	0

AVERAGE HS (FT) = 0.69 LARGEST HS (FT) = 1.77 ANGLE CLASS % = 6.1

STATION 13 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	189	1945	51	144	.	.	.	.	.	2329
0.50 - 0.99	.	.	2099	2038	327	.	.	.	.	.	4364
1.00 - 1.49	.	.	.	1087	849	.	.	.	.	.	1936
1.50 - 1.99	.	.	.	7	519	119	.	.	.	.	645
2.00 - 2.49	18	141	.	.	.	.	161
2.50 - 2.99	1	3	8	.	.	.	12
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	189	4044	3183	1758	263	10	0	0	0	14440

AVE HS (FT) = 0.78 LARGEST HS (FT) = 3.18 TOTAL CASES = 14440.

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0				176	366						542
0.5					631						631
1.0					2214						2214
1.5					1175	679					1854
2.0						421					421
2.5							27				27
3.0							33				33
3.5							6				6
4.0											0
4.5											0
5.0											0
5.00											0
GREATER											0
TOTAL	0	0	0	176	4386	1100	66	0	0	0	6000

AVERAGE HS (FT) = 1.35 LARGEST HS (FT) = 3.13 ANGLE CLASS % = 5.7

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			400	61	536						997
0.5					400						400
1.0					1650						1650
1.5					597	142					739
2.0						292					292
2.5							27				27
3.0							20				20
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
GREATER											0
TOTAL	0	0	400	61	3183	434	47	0	0	0	4000

AVERAGE HS (FT) = 1.14 LARGEST HS (FT) = 3.31 ANGLE CLASS % = 4.1

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			930								930
0.5			910	3654							4564
1.0				2119	271						2390
1.5					495						495
2.0					61						61
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
GREATER											0
TOTAL	0	0	1840	5773	827	0	0	0	0	0	8000

AVERAGE HS (FT) = 0.87 LARGEST HS (FT) = 2.38 ANGLE CLASS % = 8.4

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			1576								1576
0.5			1847	2282							4129
1.0				1997							1997
1.5					230						230
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
GREATER											0
TOTAL	0	0	3423	4279	230	0	0	0	0	0	8000

AVERAGE HS (FT) = 0.79 LARGEST HS (FT) = 1.85 ANGLE CLASS % = 7.9

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49	.	.	2934	.	.	.	.	.	.	2934
0.50	.	.	1290	4483	414	.	.	.	.	5773
0.69	.	.	.	2968	788	.	.	.	.	3382
0.99	47	.	.	.	.	47
1.49	6	.	.	.	.	6
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	GREATER	.	.	.	.	.	.	.	.	0
TOTAL	0	0	4224	7451	1255	0	0	0	0	0

AVERAGE HS(FT) = 0.87 LARGEST HS(FT) = 3.12 ANGLE CLASS % = 12.9

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49	.	.	543	.	.	.	.	.	.	543
0.50	.	.	577	2275	.	.	.	.	.	2852
0.69	.	.	.	1283	529	.	.	.	.	1812
0.99	557	.	.	.	.	557
1.49	61	.	.	.	.	61
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	GREATER	.	.	.	.	.	.	.	.	0
TOTAL	0	0	1120	3558	1147	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 2.43 ANGLE CLASS % = 5.8

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49	.	.	760	.	.	.	.	.	.	760
0.50	.	.	.	2676	.	.	.	.	.	2676
0.69	.	.	.	1005	1086	.	.	.	.	2091
0.99	618	.	.	.	.	618
1.49	81	.	.	.	.	81
1.99	6	.	.	.	6
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	GREATER	.	.	.	.	.	.	.	.	0
TOTAL	0	0	760	3681	1785	6	0	0	0	0

AVERAGE HS(FT) = 0.94 LARGEST HS(FT) = 2.54 ANGLE CLASS % = 6.2

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49	.	.	6	101	.	.	.	.	.	107
0.50	.	.	.	319	448	.	.	.	.	767
0.69	1603	.	.	.	.	1603
0.99	570	.	.	.	.	570
1.49	88	.	.	.	88
1.99	312	.	.	.	312
2.49	40	6	.	.	46
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	GREATER	.	.	.	.	.	.	.	.	0
TOTAL	0	0	6	420	2621	440	6	0	0	0

AVERAGE HS(FT) = 1.35 LARGEST HS(FT) = 2.89 ANGLE CLASS % = 3.5

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			13	108	577						698
0.50-0.99					1922						1922
1.0-1.49					720						720
1.50-1.99						163					163
2.0-2.49						353					353
2.50-2.99							33				33
3.0-3.49											0
3.50-3.99											0
4.0-4.49											0
4.50-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	13	108	3911	516	33	0	0	0	698

AVERAGE HS(FT) = 1.22 LARGEST HS(FT) = 2.79 ANGLE CLASS % = 4.6

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			828								828
0.50-0.99			380	828							1208
1.0-1.49				414	122						536
1.50-1.99					101						101
2.0-2.49					13						13
2.50-2.99											0
3.0-3.49											0
3.50-3.99											0
4.0-4.49											0
4.50-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	1208	1242	236	0	0	0	0	0	828

AVERAGE HS(FT) = 0.78 LARGEST HS(FT) = 2.19 ANGLE CLASS % = 2.7

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1739								1739
0.50-0.99			1460	1263							2723
1.0-1.49				896							896
1.50-1.99					47						47
2.0-2.49											0
2.50-2.99											0
3.0-3.49											0
3.50-3.99											0
4.0-4.49											0
4.50-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	3199	2159	47	0	0	0	0	0	1739

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 1.79 ANGLE CLASS % = 5.4

STATION 13 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		251	1317								1568
0.50-0.99			1467	692							2159
1.0-1.49				611							611
1.50-1.99				33							33
2.0-2.49											0
2.50-2.99											0
3.0-3.49											0
3.50-3.99											0
4.0-4.49											0
4.50-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	251	2784	1336	0	0	0	0	0	0	1568

AVERAGE HS(FT) = 0.65 LARGEST HS(FT) = 1.62 ANGLE CLASS % = 4.4

STATION 13 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											2278
0.1		161	1925	44	148						4040
0.2			1669	2154	217						4040
0.3				1255	581						2336
0.4				4	580	107					2701
0.5					26	137					165
0.6						4	2				14
0.7							2				2
0.8											0
0.9											0
1.0											0
1.1											0
1.2											0
1.3											0
1.4											0
1.5											0
1.6											0
1.7											0
1.8											0
1.9											0
2.0											0
2.1											0
2.2											0
2.3											0
2.4											0
2.5											0
2.6											0
2.7											0
2.8											0
2.9											0
3.0											0
3.1											0
3.2											0
3.3											0
3.4											0
3.5											0
3.6											0
3.7											0
3.8											0
3.9											0
4.0											0
4.1											0
4.2											0
4.3											0
4.4											0
4.5											0
4.6											0
4.7											0
4.8											0
4.9											0
5.0											0
5.1											0
5.2											0
5.3											0
5.4											0
5.5											0
5.6											0
5.7											0
5.8											0
5.9											0
6.0											0
6.1											0
6.2											0
6.3											0
6.4											0
6.5											0
6.6											0
6.7											0
6.8											0
6.9											0
7.0											0
7.1											0
7.2											0
7.3											0
7.4											0
7.5											0
7.6											0
7.7											0
7.8											0
7.9											0
8.0											0
8.1											0
8.2											0
8.3											0
8.4											0
8.5											0
8.6											0
8.7											0
8.8											0
8.9											0
9.0											0
9.1											0
9.2											0
9.3											0
9.4											0
9.5											0
9.6											0
9.7											0
9.8											0
9.9											0
10.0											0
GREATER											0
TOTAL	0	161	3594	3457	1962	248	14	0	0	0	0

AVE HS(FT) = 0.80 LARGEST HS(FT) = 3.31 TOTAL CASES = 14720.

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49											4482
0.99		1127	3355	88							1922
1.49			1834	40							40
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	1127	5189	128	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.41 LARGEST HS (FT) = 1.19 ANGLE CLASS % = 6.4

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49											3001
0.99		658	2343	129							1277
1.49			1148								0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	658	3491	129	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.42 LARGEST HS (FT) = 0.99 ANGLE CLASS % = 4.3

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49											5929
0.99		1419	4510	142							2057
1.49			1915	13							13
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	1419	6425	155	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.41 LARGEST HS (FT) = 1.43 ANGLE CLASS % = 8.0

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49											2411
0.99			2411	767							2227
1.49			1460	61							61
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	3871	828	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.52 LARGEST HS (FT) = 2.04 ANGLE CLASS % = 4.7

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			6	468	1209						1683
0.5-0.99					1324						1324
1.0-1.49					3016						3016
1.5-1.99					889	305					1194
2.0-2.49						122					122
2.5-2.99							6				6
3.0-3.49								6			6
3.5-3.99									6		6
4.0-4.49										6	6
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	6	468	6438	427	6	6	0	0	

AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 3.65 ANGLE CLASS % = 7.4

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			482	27	684						1195
0.5-0.99					509						509
1.0-1.49					910						910
1.5-1.99					135	13					148
2.0-2.49						54					54
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	482	27	2240	67	0	0	0	0	

AVERAGE HS(FT) = 0.78 LARGEST HS(FT) = 2.48 ANGLE CLASS % = 2.8

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			1182								1182
0.5-0.99			957	2146							3103
1.0-1.49				366	27						393
1.5-1.99					6						6
2.0-2.49					6						6
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	2139	2512	39	0	0	0	0	0	

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 2.92 ANGLE CLASS % = 4.7

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49											0
0.5-0.99											0
1.0-1.49											0
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	2675	1080	6	0	0	0	0	0	

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 2.11 ANGLE CLASS % = 3.8

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3675								3675
0.99			1474	2792							4266
1.49				699							705
1.99					74						74
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	5149	3491	80	0	0	0	0	0	0

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 1.99 ANGLE CLASS % = 8.7

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1222								1222
0.99			1052	2235							3287
1.49				373	129						502
1.99					67						67
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	2274	2608	209	0	0	0	0	0	0

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 2.04 ANGLE CLASS % = 5.1

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1487								1487
0.99				4062							4062
1.49				815	360						1175
1.99					33						33
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1487	4877	393	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.70 ANGLE CLASS % = 6.8

STATION 13 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	230							236
0.99				964							2071
1.49					1107						2194
1.99					332						332
2.49						67					67
2.99						13					13
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	6	1194	3633	80	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.30 ANGLE CLASS % = 4.9

STATION 13 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0	.	389	2885	118	314	.	.	.	.	.	3706
0.5	.	.	1378	1530	447	.	.	.	.	.	3405
1.0	.	.	.	288	1099	.	.	.	.	.	1387
1.5	220	43	.	.	.	.	263
2.0	2	25	.	.	.	.	27
2.5	0
3.0	0
3.5	0
4.0	0
4.5	0
5.0	0
5.5	0
6.0	0
6.5	0
7.0	0
7.5	0
8.0	0
8.5	0
9.0	0
GREATER	0
TOTAL	0	389	4263	1986	2082	68	0	0	0	0	0

AVE HS(FT) = 0.58 LARGEST HS(FT) = 3.65 TOTAL CASES = 14720.

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	1112	4388	1298	.	.	.	.	.	.	5500
0.50-0.99	.	.	4560	968	.	.	.	.	.	.	5858
1.00-1.49	.	.	.	27	27	.	.	.	.	.	90
1.50-1.99	6	.	.	.	.	.	54
2.00-2.49	6
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1112	8948	2293	33	0	0	0	0	0	0

AVERAGE HS(FT) = 0.57 LARGEST HS(FT) = 2.05 ANGLE CLASS % = 12.4

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	762	3468	714	.	.	.	.	.	.	4230
0.50-0.99	.	.	2809	199	.	.	.	.	.	.	3523
1.00-1.49	100
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	762	6277	913	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.48 ANGLE CLASS % = 8.0

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	1462	6215	673	.	.	.	.	.	.	7677
0.50-0.99	.	.	3784	315	.	.	.	.	.	.	4027
1.00-1.49	315
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1462	9999	988	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.38 ANGLE CLASS % = 12.5

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	2870	2190	.	.	.	.	.	.	2870
0.50-0.99	.	.	2355	418	.	.	.	.	.	.	4545
1.00-1.49	276	.	.	.	.	.	425
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	5225	2608	39	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 2.12 ANGLE CLASS % = 7.9

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			6	302	1085						1393
0.50-0.99					1476						1476
1.00-1.49					4114						4114
1.50-1.99					1840	940					2780
2.00-2.49						618					618
2.50-2.99							54				54
3.00-3.49							34				34
3.50-3.99							6				6
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	6	302	8515	1558	94	0	0	0	0

AVERAGE HS (FT) = 1.26 LARGEST HS (FT) = 3.19 ANGLE CLASS % = 10.5

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			700	48	652						1400
0.50-0.99					659						659
1.00-1.49					1710						1710
1.50-1.99					391	96					487
2.00-2.49						137					137
2.50-2.99							20				20
3.00-3.49							6				6
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	700	48	3412	233	26	0	0	0	0

AVERAGE HS (FT) = 0.95 LARGEST HS (FT) = 3.05 ANGLE CLASS % = 4.4

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1222								1222
0.50-0.99			982	2719							3701
1.00-1.49				824	75						899
1.50-1.99					130						130
2.00-2.49					13						13
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	2204	3543	218	0	0	0	0	0	0

AVERAGE HS (FT) = 0.72 LARGEST HS (FT) = 2.09 ANGLE CLASS % = 6.0

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1284								1284
0.50-0.99			982	762							1744
1.00-1.49				590							590
1.50-1.99					61						61
2.00-2.49					6						6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	2266	1352	67	0	0	0	0	0	0

AVERAGE HS (FT) = 0.68 LARGEST HS (FT) = 2.20 ANGLE CLASS % = 3.7

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			1881								1881
9.5			659	1325							1984
9.0				638	103						741
8.5					144						144
8.0											0
7.5											0
7.0											0
6.5											0
6.0											0
5.5											0
5.0											0
4.5											0
4.0											0
3.5											0
3.0											0
2.5											0
2.0											0
1.5											0
1.0											0
0.5											0
0											0
TOTAL	0	0	2540	1963	247	0	0	0	0	0	0

AVERAGE HS (FT) = 0.71 LARGEST HS (FT) = 1.99 ANGLE CLASS % = 4.8

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			480								480
9.5			364	721							1085
9.0				254	89						343
8.5					61						61
8.0											0
7.5											0
7.0											0
6.5											0
6.0											0
5.5											0
5.0											0
4.5											0
4.0											0
3.5											0
3.0											0
2.5											0
2.0											0
1.5											0
1.0											0
0.5											0
0											0
TOTAL	0	0	844	975	150	0	0	0	0	0	0

AVERAGE HS (FT) = 0.72 LARGEST HS (FT) = 1.93 ANGLE CLASS % = 2.0

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			549								549
9.5				1353							1353
9.0				247	151						398
8.5					54						54
8.0					13						13
7.5											0
7.0											0
6.5											0
6.0											0
5.5											0
5.0											0
4.5											0
4.0											0
3.5											0
3.0											0
2.5											0
2.0											0
1.5											0
1.0											0
0.5											0
0											0
TOTAL	0	0	549	1600	218	0	0	0	0	0	0

AVERAGE HS (FT) = 0.70 LARGEST HS (FT) = 2.34 ANGLE CLASS % = 2.4

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0				89							89
9.5				247	377						624
9.0					803						803
8.5					199						199
8.0						27					27
7.5						68					68
7.0											0
6.5											0
6.0											0
5.5											0
5.0											0
4.5											0
4.0											0
3.5											0
3.0											0
2.5											0
2.0											0
1.5											0
1.0											0
0.5											0
0											0
TOTAL	0	0	0	336	1379	95	0	0	0	0	0

AVERAGE HS (FT) = 1.17 LARGEST HS (FT) = 2.49 ANGLE CLASS % = 1.8

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			6	267	549						822
0.50-0.99					1450						1450
1.00-1.49					267						267
1.50-1.99					41						41
2.00-2.49					41						41
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	6	267	3034	82	0	0	0	0	0

AVERAGE HS (FT) = 0.97 LARGEST HS (FT) = 2.49 ANGLE CLASS % = 3.4

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			851	542							851
0.50-0.99			295	144	34						837
1.00-1.49					20						170
1.50-1.99											20
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	1146	686	54	0	0	0	0	0	0

AVERAGE HS (FT) = 0.64 LARGEST HS (FT) = 1.68 ANGLE CLASS % = 1.9

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			2445	789							2445
0.50-0.99			1497	329	6						2286
1.00-1.49											329
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	3942	1118	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.55 LARGEST HS (FT) = 1.58 ANGLE CLASS % = 5.1

STATION 13 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49		714	1861	494							2575
0.50-0.99			1552	336							2046
1.00-1.49				13							336
1.50-1.99											13
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	714	3413	843	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.53 LARGEST HS (FT) = 1.50 ANGLE CLASS % = 5.0

STATION 13 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											0
0.1											0
0.2											0
0.3											0
0.4											0
0.5											0
0.6											0
0.7											0
0.8											0
0.9											0
1.0											0
1.1											0
1.2											0
1.3											0
1.4											0
1.5											0
1.6											0
1.7											0
1.8											0
1.9											0
2.0											0
2.1											0
2.2											0
2.3											0
2.4											0
2.5											0
2.6											0
2.7											0
2.8											0
2.9											0
3.0											0
3.1											0
3.2											0
3.3											0
3.4											0
3.5											0
3.6											0
3.7											0
3.8											0
3.9											0
4.0											0
4.1											0
4.2											0
4.3											0
4.4											0
4.5											0
4.6											0
4.7											0
4.8											0
4.9											0
5.0											0
5.1											0
5.2											0
5.3											0
5.4											0
5.5											0
5.6											0
5.7											0
5.8											0
5.9											0
6.0											0
6.1											0
6.2											0
6.3											0
6.4											0
6.5											0
6.6											0
6.7											0
6.8											0
6.9											0
7.0											0
7.1											0
7.2											0
7.3											0
7.4											0
7.5											0
7.6											0
7.7											0
7.8											0
7.9											0
8.0											0
8.1											0
8.2											0
8.3											0
8.4											0
8.5											0
8.6											0
8.7											0
8.8											0
8.9											0
9.0											0
9.1											0
9.2											0
9.3											0
9.4											0
9.5											0
9.6											0
9.7											0
9.8											0
9.9											0
10.0											0
GREATER											0
TOTAL	0	405	4867	1983	1736	196	11	0	0	0	14560

AVE HS (FT) = 0.65 LARGEST HS (FT) = 3.19 TOTAL CASES = 14560.

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		835	3398	1244							4233
0.50-0.99			3945	891							5189
1.00-1.49				13	6						19
1.50-1.99					1						1
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	835	7343	2148	7	0	0	0	0	0	0
TOTAL	0	835	7343	2148	7	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 2.05 ANGLE CLASS % = 10.3

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		492	2375	585							2867
0.50-0.99			2168	220							2753
1.00-1.49											220
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	492	4543	805	0	0	0	0	0	0	0
TOTAL	0	492	4543	805	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.48 ANGLE CLASS % = 5.8

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		1030	4127	511							5157
0.50-0.99			2654	169							3125
1.00-1.49				1							169
1.50-1.99											1
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	1030	6781	681	0	0	0	0	0	0	0
TOTAL	0	1030	6781	681	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.51 ANGLE CLASS % = 8.5

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1981	1309							1981
0.50-0.99			1605	231							2914
1.00-1.49											231
1.50-1.99											1
2.00-2.49											1
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	3586	1540	21	0	0	0	0	0	0
TOTAL	0	0	3586	1540	21	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 2.12 ANGLE CLASS % = 5.1

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			5	296	781						1082
0.5-0.99					1050						1050
1.0-1.49					1283						1283
1.5-1.99						651					651
2.0-2.49						423					423
2.5-2.99							227				227
3.0-3.49								1			1
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	5	296	6004	1080	55	1	0	0	8341

AVERAGE HS (FT) = 1.24 LARGEST HS (FT) = 3.65 ANGLE CLASS % = 7.4

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			504	37	604						1145
0.5-0.99					535						535
1.0-1.49					1558						1558
1.5-1.99					434						434
2.0-2.49						106					106
2.5-2.99						183					183
3.0-3.49							13				13
3.5-3.99							6				6
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	504	37	3131	289	19	0	0	0	4070

AVERAGE HS (FT) = 1.02 LARGEST HS (FT) = 3.31 ANGLE CLASS % = 4.0

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1062								1062
0.5-0.99			959	2931							3890
1.0-1.49				1259	150						1409
1.5-1.99					261						261
2.0-2.49					27						27
2.5-2.99					1						1
3.0-3.49											
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	2021	4190	439	0	0	0	0	0	6650

AVERAGE HS (FT) = 0.79 LARGEST HS (FT) = 2.92 ANGLE CLASS % = 6.7

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1449								1449
0.5-0.99			1374	1315							2689
1.0-1.49				990							990
1.5-1.99					121						121
2.0-2.49					3						3
2.5-2.99											
3.0-3.49											
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	2823	2305	124	0	0	0	0	0	5252

AVERAGE HS (FT) = 0.72 LARGEST HS (FT) = 2.20 ANGLE CLASS % = 5.3

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49	.	.	2971	.	.	.	.	.	.	.	2671
0.50-0.99	.	.	1141	2813	.	.	.	.	.	.	3954
1.00-1.49	.	.	.	1439	181	.	.	.	.	.	1620
1.50-1.99	386	.	.	.	.	.	386
2.00-2.49	20	.	.	.	.	.	20
2.50-2.99	3	.	.	.	.	3
3.00-3.49	1	.	.	.	.	.	1
3.50-3.99
4.00-4.49
4.50-4.99
5.00- GREATER
TOTAL	0	0	3812	4252	588	3	0	0	0	0	8555

AVERAGE HS (FT) = 0.78 LARGEST HS (FT) = 3.12 ANGLE CLASS % = 8.7

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49	.	.	662	.	.	.	.	.	.	.	662
0.50-0.99	.	.	600	1738	.	.	.	.	.	.	2338
1.00-1.49	.	.	.	662	278	.	.	.	.	.	940
1.50-1.99	251	.	.	.	.	.	251
2.00-2.49	1	.	.	.	.	.	1
2.50-2.99	1	.	.	.	.	1
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00- GREATER
TOTAL	0	0	1262	2400	555	1	0	0	0	0	4478

AVERAGE HS (FT) = 0.83 LARGEST HS (FT) = 2.97 ANGLE CLASS % = 4.2

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49	.	.	809	.	.	.	.	.	.	.	809
0.50-0.99	.	.	.	2523	.	.	.	.	.	.	2523
1.00-1.49	.	.	.	675	554	.	.	.	.	.	1229
1.50-1.99	258	.	.	.	.	.	258
2.00-2.49	1	.	.	.	.	.	1
2.50-2.99
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00- GREATER
TOTAL	0	0	809	3198	847	5	0	0	0	0	4659

AVERAGE HS (FT) = 0.81 LARGEST HS (FT) = 3.18 ANGLE CLASS % = 4.9

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49	.	.	3	128	.	.	.	.	.	.	131
0.50-0.99	.	.	.	468	574	.	.	.	.	.	1042
1.00-1.49	1439	.	.	.	.	.	1439
1.50-1.99	405	.	.	.	.	.	405
2.00-2.49	1	.	.	.	.	1
2.50-2.99	3	.	.	.	.	3
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00- GREATER
TOTAL	0	0	3	596	2418	256	3	0	0	0	3276

AVERAGE HS (FT) = 1.21 LARGEST HS (FT) = 2.97 ANGLE CLASS % = 3.3

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			8	253	704						966
0.99					233						233
1.49					899						899
1.99					592						592
2.49						104					104
2.99						207					207
3.49							20				20
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	8	253	4520	311	20	0	0	0	5668

AVERAGE HS(FT) = 1.10 LARGEST HS(FT) = 2.96 ANGLE CLASS % = 5.1

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			968	845							968
0.99			364	278							364
1.49					75						75
1.99					70						70
2.49					8						8
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	1332	1123	153	0	0	0	0	0	2608

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 2.19 ANGLE CLASS % = 2.6

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2243	997							2243
0.99			1581	574							1581
1.49				1	41						41
1.99					5						5
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	3824	1572	46	0	0	0	0	0	5442

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 2.20 ANGLE CLASS % = 5.4

STATION 13 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		506	1687	607							2197
0.99			1415	426							1415
1.49				22	3						25
1.99											
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	506	3102	1125	3	0	0	0	0	0	4736

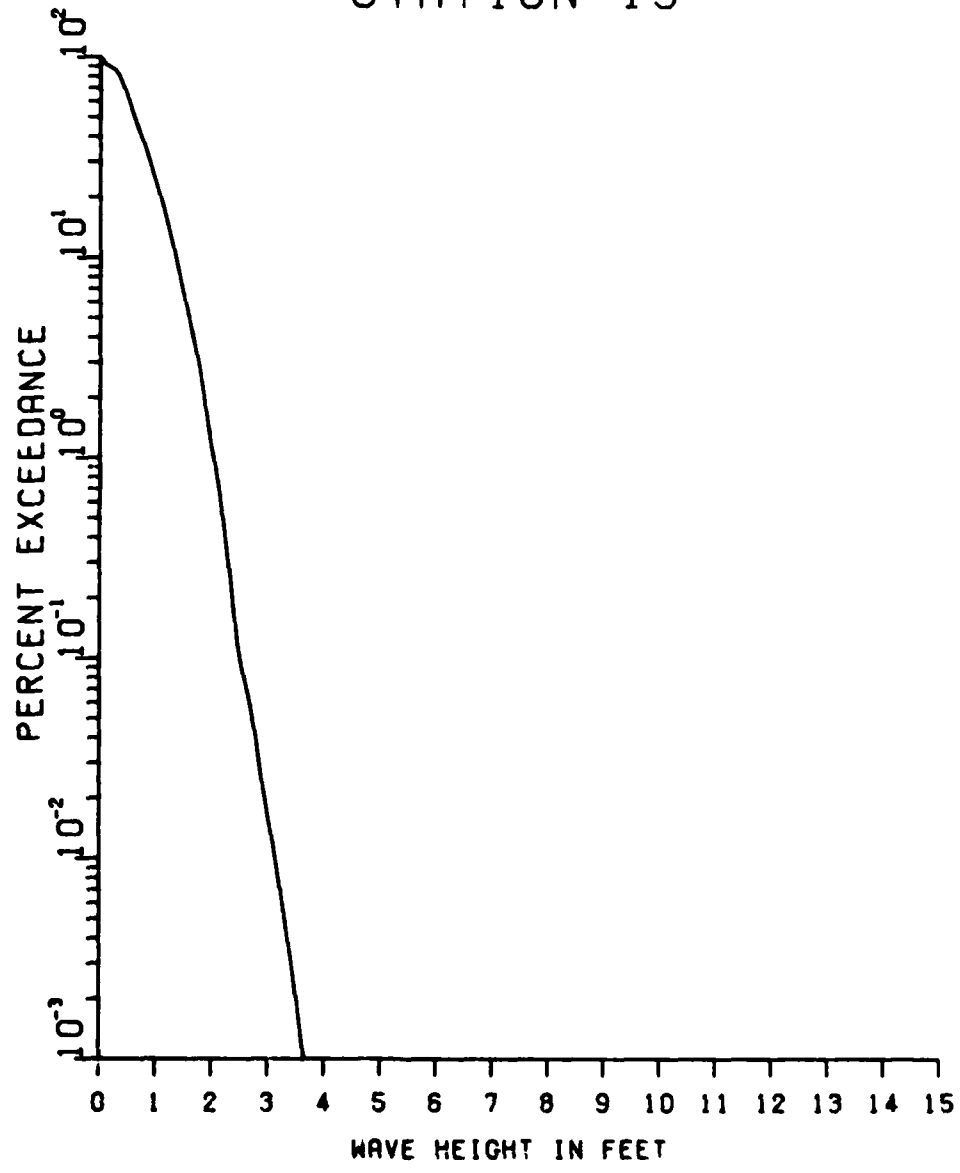
AVERAGE HS(FT) = 0.58 LARGEST HS(FT) = 1.77 ANGLE CLASS % = 4.7

STATION 13 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	286	2395	71	209	.	.	.	.	.	2961
0.50 - 0.99	.	.	1780	1789	305	.	.	.	.	.	3674
1.00 - 1.49	.	.	.	789	844	.	.	.	.	.	1735
1.50 - 1.99	.	.	.	3	413	95	.	.	.	.	511
2.00 - 2.49	13	97	2	.	.	.	112
2.50 - 2.99	2	6	.	.	.	8
3.00 - 3.49	1	.	.	.	1
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	286	4175	2652	1886	194	9	0	0	0	58440

AVE HS(FT) = 0.70 LARGEST HS(FT) = 3.65 TOTAL CASES = 58440

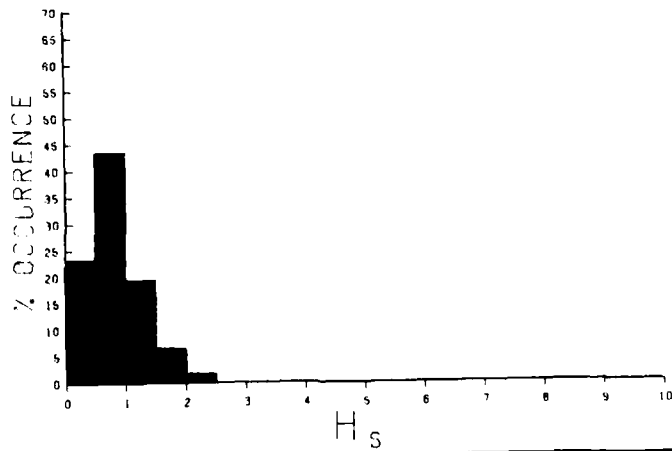
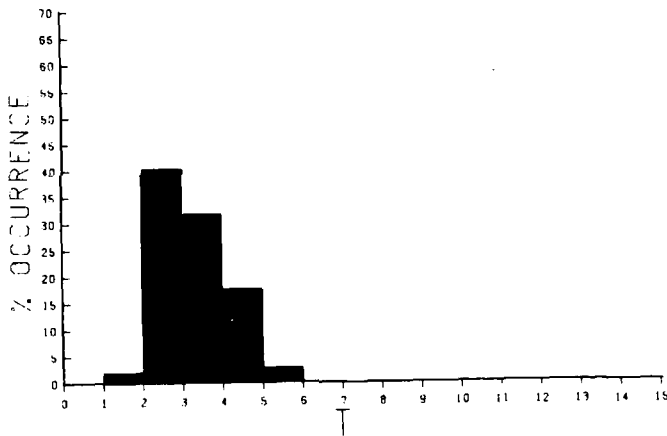
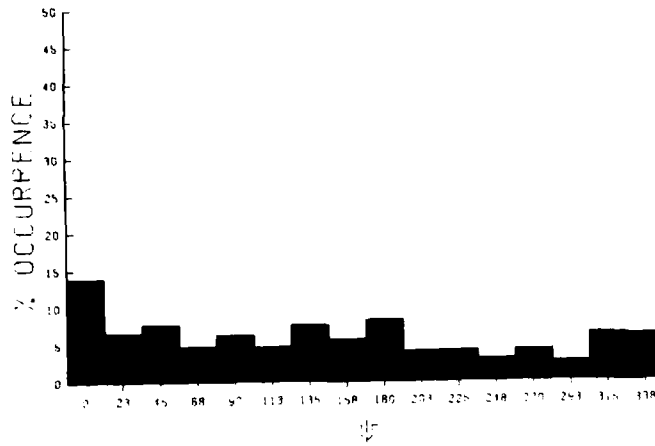
STATION 13



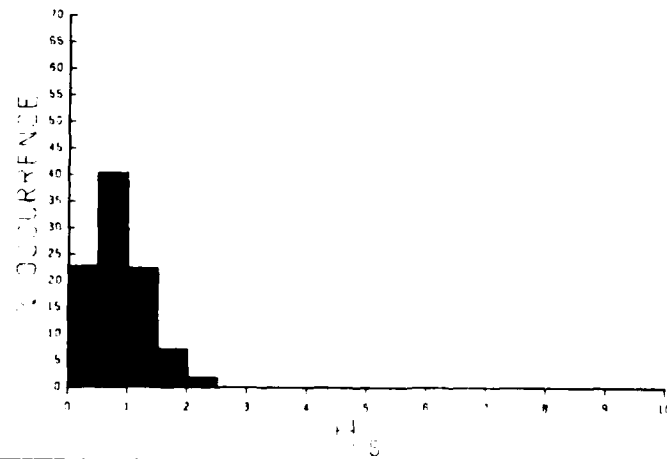
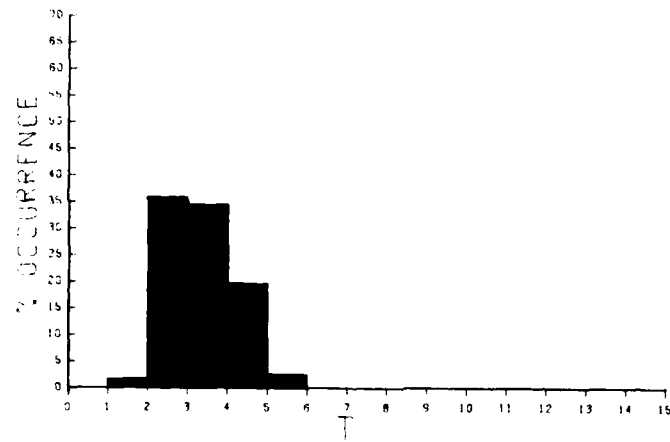
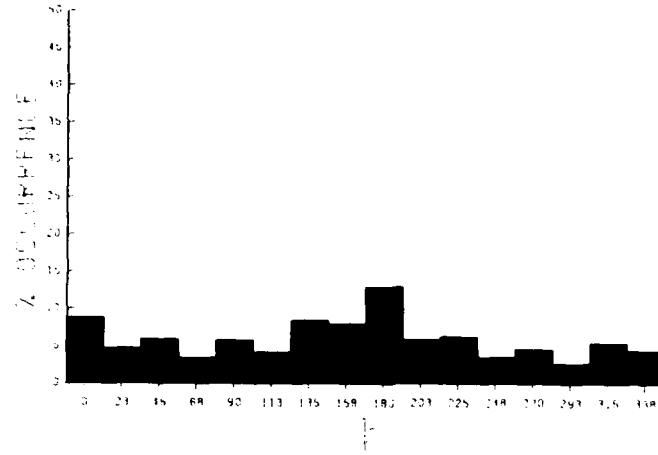
STATION 1R

DEC. - FEB.

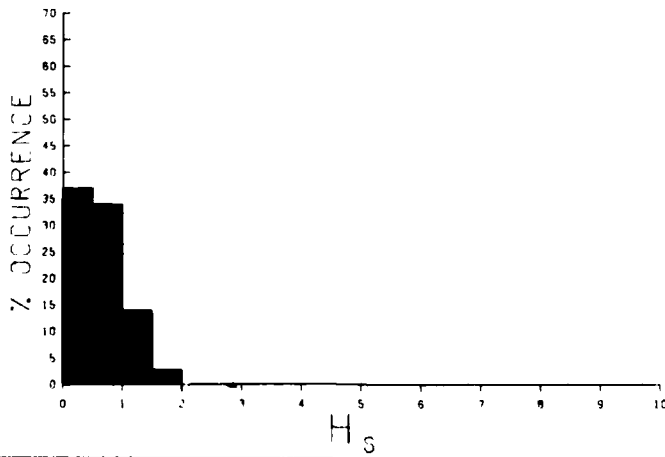
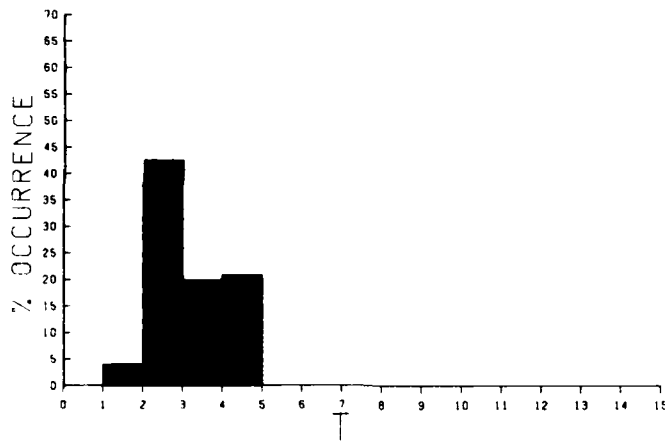
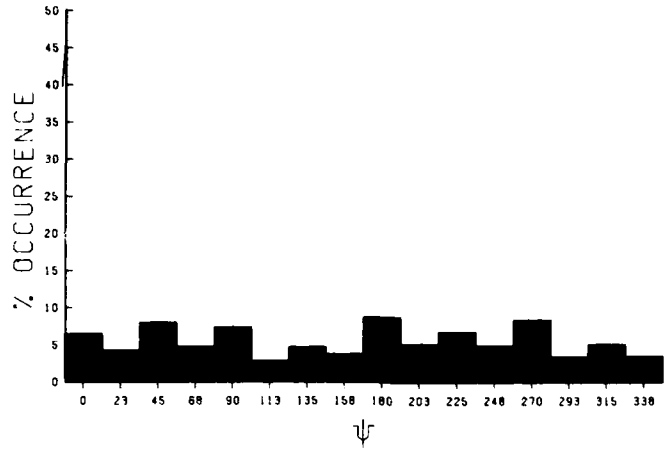
1440 CASES



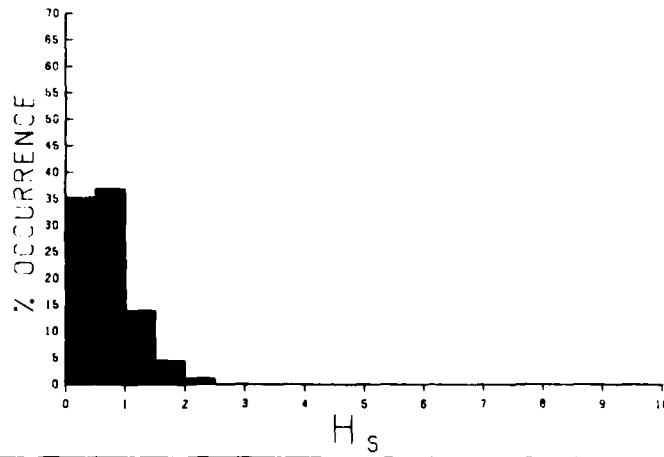
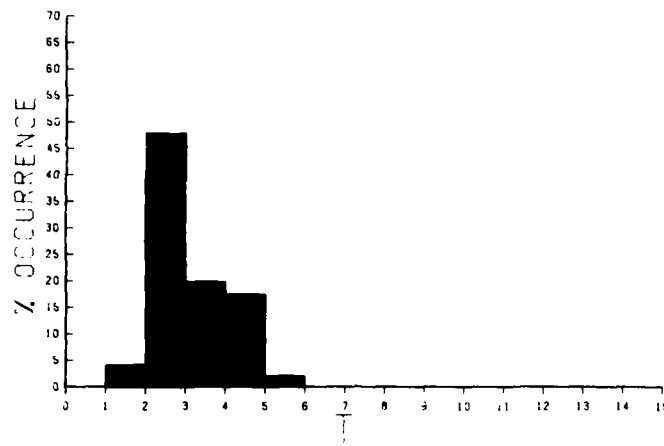
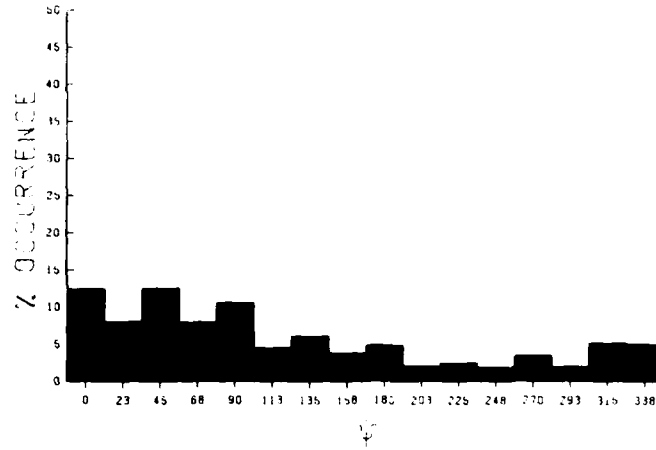
STATION 13
 MAR. - APR.
 14720 CASES



STATION 13
 JUN. - AUG.
 14720 CASES



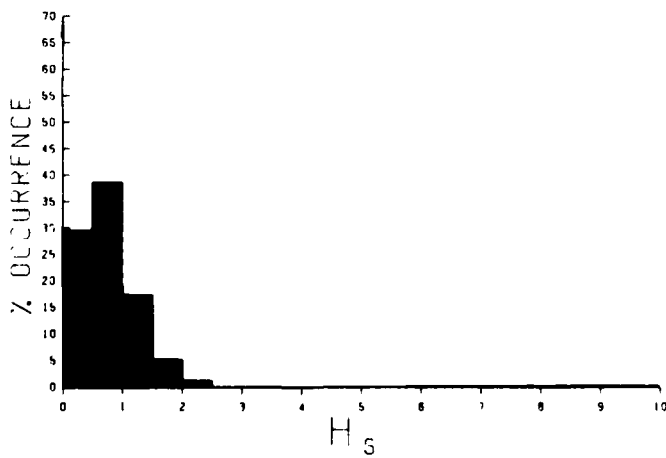
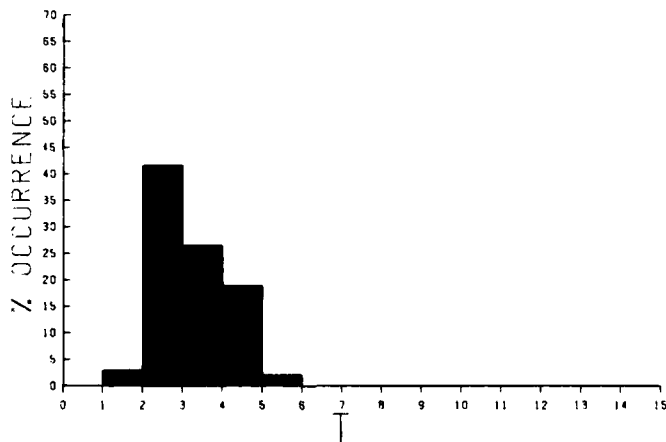
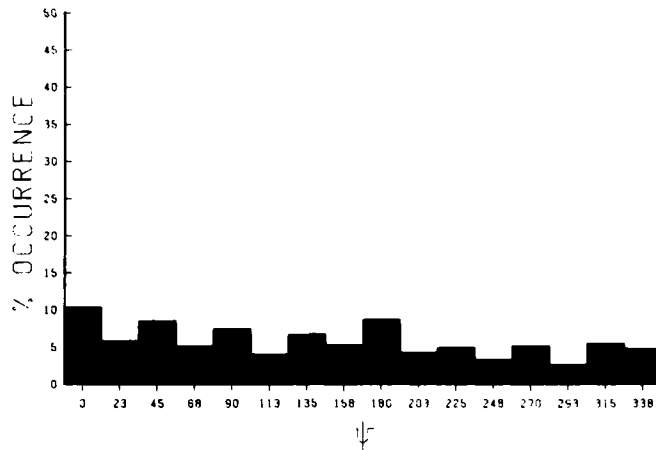
STATION 13
 SEP. - NOV.
 14567 CASES



STATION 13

JAN. - DEC.

58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 13

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.7	0.7	0.7	0.7	0.5	0.6	0.6	0.4	0.5	0.5	0.6	0.5	0.6
1957	0.6	0.7	0.7	0.7	0.6	0.5	0.5	0.6	0.6	0.7	0.7	0.6	0.6
1958	0.7	0.7	0.7	0.9	0.8	0.6	0.6	0.6	0.8	0.7	0.8	0.8	0.7
1959	0.8	0.9	1.0	0.8	0.8	0.7	0.6	0.8	0.9	0.8	0.9	1.0	0.8
1960	0.9	1.0	1.0	0.9	0.8	0.7	0.7	0.6	0.7	0.6	0.7	0.8	0.8
1961	0.8	1.0	0.9	1.0	0.8	0.7	0.6	0.6	0.7	0.7	0.8	0.9	0.8
1962	1.0	1.0	0.9	0.9	0.7	0.5	0.6	0.5	0.5	0.5	0.6	0.6	0.7
1963	0.6	0.7	0.7	0.7	0.7	0.6	0.5	0.4	0.5	0.6	0.8	0.8	0.6
1964	0.9	1.1	1.0	1.0	0.7	0.6	0.7	0.6	0.8	0.8	0.7	0.9	0.8
1965	0.9	1.0	1.0	0.9	0.8	0.8	0.6	0.6	0.8	0.8	0.7	0.8	0.8
1966	0.8	1.0	0.9	1.1	0.9	0.7	0.6	0.5	0.5	0.6	0.7	0.8	0.7
1967	0.6	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.7	0.6	0.7	0.8	0.7
1968	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	0.7	0.8	0.6
1969	0.8	0.7	0.8	0.8	0.7	0.6	0.6	0.5	0.5	0.7	0.5	0.8	0.7
1970	0.7	0.8	0.8	0.8	0.7	0.6	0.6	0.5	0.6	0.8	0.8	0.8	0.7
1971	0.5	1.0	1.1	0.9	0.8	0.8	0.7	0.7	0.6	0.4	0.7	0.7	0.7
1972	0.8	0.6	0.7	0.8	0.7	0.8	0.6	0.5	0.6	0.7	0.7	0.7	0.7
1973	0.8	0.7	1.0	0.9	0.8	0.5	0.5	0.4	0.7	0.5	0.7	0.9	0.7
1974	0.7	0.8	0.8	0.9	0.7	0.6	0.5	0.4	0.6	0.5	0.6	0.7	0.6
1975	0.6	0.8	0.9	0.7	0.5	0.6	0.6	0.4	0.5	0.5	0.6	0.7	0.6
MEAN	0.8	0.8	0.9	0.9	0.7	0.6	0.6	0.5	0.6	0.6	0.7	0.8	

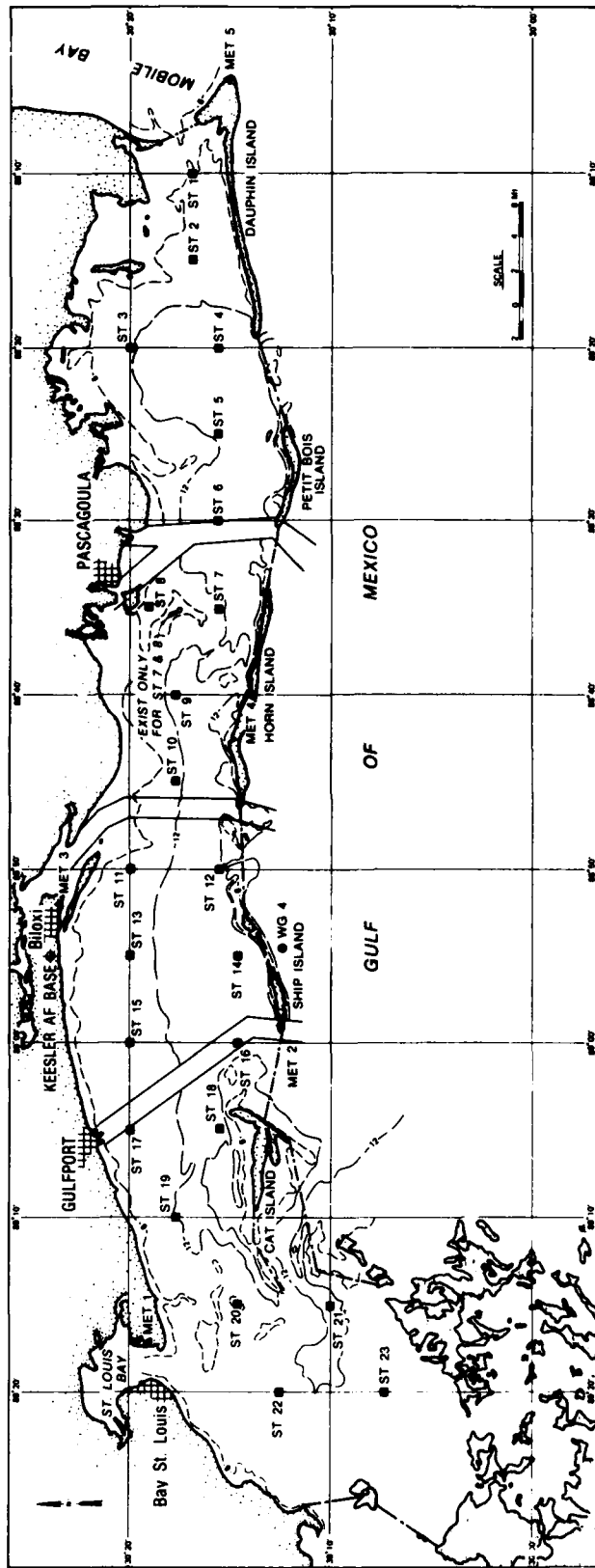
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 13

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	1.9	1.8	1.8	2.1	1.8	2.2	1.8	1.3	2.2	1.6	1.8	2.0
1957	1.9	2.0	2.1	2.2	2.0	2.0	1.7	2.3	2.8	2.1	2.1	1.9
1958	2.5	2.4	2.0	3.3	2.5	2.0	2.0	1.8	2.5	2.1	2.2	2.1
1959	2.9	2.2	2.7	2.1	2.1	2.3	2.4	2.2	2.8	2.5	2.4	2.4
1960	2.9	3.2	2.8	2.3	2.3	2.4	1.7	1.7	3.1	1.9	2.2	2.4
1961	2.7	3.1	3.2	2.9	1.9	2.5	1.7	2.0	2.5	2.8	2.3	2.2
1962	2.6	2.2	2.6	2.1	1.8	2.2	1.7	1.7	1.8	1.8	2.1	2.0
1963	2.2	2.4	2.6	2.1	1.9	2.0	1.7	1.6	2.4	2.1	2.5	2.1
1964	2.5	3.0	3.3	2.4	2.3	2.0	2.1	1.7	2.2	2.3	1.9	2.4
1965	2.6	2.6	2.4	2.1	2.1	2.2	2.0	2.2	3.2	2.2	2.3	1.9
1966	2.1	2.5	2.2	2.6	2.5	2.2	2.1	1.8	1.8	1.8	1.9	2.1
1967	1.7	2.0	2.5	2.2	2.2	1.9	2.3	1.8	2.0	2.8	2.1	2.7
1968	2.4	1.8	2.3	2.0	2.1	2.0	1.8	1.9	1.9	1.8	1.9	2.1
1969	2.4	2.4	2.8	2.8	2.2	1.5	1.9	3.7	1.9	2.0	2.2	2.2
1970	1.9	2.5	2.4	2.2	2.1	2.1	2.2	1.8	2.2	2.3	2.2	2.4
1971	2.2	2.4	2.6	2.2	2.4	2.6	2.1	2.1	2.0	1.6	2.3	2.1
1972	2.2	2.1	2.3	2.1	2.2	2.1	2.3	1.7	2.0	2.4	2.2	1.9
1973	2.5	2.2	2.9	2.7	2.3	1.7	1.8	1.7	2.1	2.1	2.2	2.3
1974	1.9	2.5	3.1	2.5	2.0	1.9	1.8	1.8	1.9	1.9	2.2	2.0
1975	1.8	2.0	2.3	2.0	1.8	1.9	1.7	1.7	1.8	1.7	1.9	2.3

LARGEST HS(FEET) FOR STATION 13 = 3.7



STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	TOTAL
0.49	.	.	186	.	.	.	.	.	.	.	186
0.99	.	.	.	3725	.	.	.	.	.	.	3725
1.49	.	.	.	2188	3601	.	.	.	.	.	5789
1.99	4030	.	.	.	.	.	4030
2.49	297	.	.	.	.	.	297
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	186	5913	7928	0	0	0	0	0	0

AVERAGE HS(FT) = 1.26 LARGEST HS(FT) = 2.36 ANGLE CLASS % = 14.0

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	TOTAL
0.49	.	.	498	.	.	.	.	.	.	.	498
0.99	.	.	678	2742	.	.	.	.	.	.	3420
1.49	.	.	.	955	644	.	.	.	.	.	1599
1.99	671	.	.	.	.	.	671
2.49	41	.	.	.	.	.	41
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	1176	3697	1356	0	0	0	0	0	0

AVERAGE HS(FT) = 0.96 LARGEST HS(FT) = 2.19 ANGLE CLASS % = 6.2

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	TOTAL
0.49	.	.	103	.	.	.	.	.	.	.	103
0.99	.	.	.	3718	.	.	.	.	.	.	3718
1.49	.	.	.	1724	1551	.	.	.	.	.	3275
1.99	644	.	.	.	.	.	644
2.49	27	.	.	.	.	.	27
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	103	5442	2222	0	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.27 ANGLE CLASS % = 7.8

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	TOTAL
0.49	.	.	124	41	.	.	.	.	.	.	165
0.99	.	.	.	505	.	.	.	.	.	.	1109
1.49	657	.	.	.	.	.	657
1.99	2853	.	.	.	.	.	2853
2.49	997	.	.	.	.	.	997
2.99	41	76	.	.	.	.	117
3.49	27	.	.	.	.	27
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	124	546	4548	103	0	0	0	0	0

AVERAGE HS(FT) = 1.24 LARGEST HS(FT) = 2.75 ANGLE CLASS % = 5.3

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			6	235							241
0.99				1301	644						1945
1.49				657	2077						2734
1.99					1191						1191
2.49					103						103
2.99						6					6
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
TOTAL	0	0	6	2193	405	6	0	0	0	0	0

AVERAGE HS(FT) = 1.18 LARGEST HS(FT) = 2.77 ANGLE CLASS % = 6.2

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER		
0.49												0
0.99		3240	754									3994
1.49			1045									1045
1.99												0
2.49												0
2.99												0
3.49												0
3.99												0
4.49												0
4.99												0
5.00												0
TOTAL	0	3240	1799	0	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.32 LARGEST HS(FT) = 0.85 ANGLE CLASS % = 5.0

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER		
0.49												0
0.99		5837	505									6342
1.49			1918									1918
1.99			6									6
2.49												0
2.99												0
3.49												0
3.99												0
4.49												0
4.99												0
5.00												0
TOTAL	0	5837	2429	0	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.30 LARGEST HS(FT) = 1.05 ANGLE CLASS % = 8.3

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER		
0.49												0
0.99		4065	900									4965
1.49			1274									1274
1.99												0
2.49												0
2.99												0
3.49												0
3.99												0
4.49												0
4.99												0
5.00												0
TOTAL	0	4065	2174	0	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.32 LARGEST HS(FT) = 0.98 ANGLE CLASS % = 6.2

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		5117	1253	.	.	.	.	.	.	6370
0.99		.	2631	27	.	.	.	.	.	2631
1.49		.	48	13	.	.	.	.	.	75
1.99		.	.	.	.	.	.	.	.	13
2.49		.	.	.	.	.	.	.	.	0
2.99		.	.	.	.	.	.	.	.	0
3.49		.	.	.	.	.	.	.	.	0
3.99		.	.	.	.	.	.	.	.	0
4.49		.	.	.	.	.	.	.	.	0
4.99		.	.	.	.	.	.	.	.	0
5.49		.	.	.	.	.	.	.	.	0
5.99		.	.	.	.	.	.	.	.	0
6.49		.	.	.	.	.	.	.	.	0
6.99		.	.	.	.	.	.	.	.	0
7.49		.	.	.	.	.	.	.	.	0
7.99		.	.	.	.	.	.	.	.	0
8.49		.	.	.	.	.	.	.	.	0
8.99		.	.	.	.	.	.	.	.	0
GREATER	0	5117	3932	40	0	0	0	0	0	0
TOTAL	0	5117	3932	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.36 LARGEST HS(FT) = 1.50 ANGLE CLASS % = 9.1

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		1516	893	.	.	.	.	.	.	2409
0.99		.	1731	76	.	.	.	.	.	1731
1.49		.	.	6	.	.	.	.	.	76
1.99		.	.	.	.	.	.	.	.	6
2.49		.	.	.	.	.	.	.	.	0
2.99		.	.	.	.	.	.	.	.	0
3.49		.	.	.	.	.	.	.	.	0
3.99		.	.	.	.	.	.	.	.	0
4.49		.	.	.	.	.	.	.	.	0
4.99		.	.	.	.	.	.	.	.	0
5.49		.	.	.	.	.	.	.	.	0
5.99		.	.	.	.	.	.	.	.	0
6.49		.	.	.	.	.	.	.	.	0
6.99		.	.	.	.	.	.	.	.	0
7.49		.	.	.	.	.	.	.	.	0
7.99		.	.	.	.	.	.	.	.	0
8.49		.	.	.	.	.	.	.	.	0
8.99		.	.	.	.	.	.	.	.	0
GREATER	0	1516	2624	82	0	0	0	0	0	0
TOTAL	0	1516	2624	82	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.61 ANGLE CLASS % = 4.2

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		886	1544	.	.	.	.	.	.	2430
0.99		.	1696	200	.	.	.	.	.	1896
1.49		.	.	166	.	.	.	.	.	166
1.99		.	.	13	.	.	.	.	.	13
2.49		.	.	.	.	.	.	.	.	0
2.99		.	.	.	.	.	.	.	.	0
3.49		.	.	.	.	.	.	.	.	0
3.99		.	.	.	.	.	.	.	.	0
4.49		.	.	.	.	.	.	.	.	0
4.99		.	.	.	.	.	.	.	.	0
5.49		.	.	.	.	.	.	.	.	0
5.99		.	.	.	.	.	.	.	.	0
6.49		.	.	.	.	.	.	.	.	0
6.99		.	.	.	.	.	.	.	.	0
7.49		.	.	.	.	.	.	.	.	0
7.99		.	.	.	.	.	.	.	.	0
8.49		.	.	.	.	.	.	.	.	0
8.99		.	.	.	.	.	.	.	.	0
GREATER	0	886	3240	379	0	0	0	0	0	0
TOTAL	0	886	3240	379	0	0	0	0	0	0

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.86 ANGLE CLASS % = 4.5

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		.	803	.	.	.	.	.	.	803
0.99		.	512	602	.	.	.	.	.	1114
1.49		.	.	533	.	.	.	.	.	533
1.99		.	.	6	20	.	.	.	.	26
2.49		.	.	.	.	.	.	.	.	0
2.99		.	.	.	.	.	.	.	.	0
3.49		.	.	.	.	.	.	.	.	0
3.99		.	.	.	.	.	.	.	.	0
4.49		.	.	.	.	.	.	.	.	0
4.99		.	.	.	.	.	.	.	.	0
5.49		.	.	.	.	.	.	.	.	0
5.99		.	.	.	.	.	.	.	.	0
6.49		.	.	.	.	.	.	.	.	0
6.99		.	.	.	.	.	.	.	.	0
7.49		.	.	.	.	.	.	.	.	0
7.99		.	.	.	.	.	.	.	.	0
8.49		.	.	.	.	.	.	.	.	0
8.99		.	.	.	.	.	.	.	.	0
GREATER	0	0	1315	1141	20	0	0	0	0	0
TOTAL	0	0	1315	1141	20	0	0	0	0	0

AVERAGE HS(FT) = 0.72 LARGEST HS(FT) = 1.99 ANGLE CLASS % = 2.5

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49				173							179
0.50-0.99			6	519	484						1003
1.00-1.49					1535						1535
1.50-1.99					893						893
2.00-2.49					83	256					339
2.50-2.99						69					69
3.00-3.49							6				6
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	6	692	3045	325	6	0	0	0	0

AVERAGE HS(FT) = 1.30 LARGEST HS(FT) = 3.03 ANGLE CLASS % = 4.1

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49				145							145
0.50-0.99				228	277						505
1.00-1.49					841						841
1.50-1.99					803						803
2.00-2.49						318					318
2.50-2.99						76					76
3.00-3.49							13				13
3.50-3.99							6				6
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	0	373	2021	394	19	0	0	0	0

AVERAGE HS(FT) = 1.40 LARGEST HS(FT) = 3.05 ANGLE CLASS % = 2.8

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49				131							131
0.50-0.99			6	182							188
1.00-1.49				623	2049						2672
1.50-1.99					1198						1198
2.00-2.49					443						443
2.50-2.99						96					96
3.00-3.49						34					34
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	6	2596	3690	130	0	0	0	0	0

AVERAGE HS(FT) = 1.27 LARGEST HS(FT) = 2.99 ANGLE CLASS % = 6.4

STATION 14 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49				76							76
0.50-0.99				41	1800						1841
1.00-1.49					893						893
1.50-1.99						1433					1433
2.00-2.49						1738					1738
2.50-2.99						228					228
3.00-3.49							13				13
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	117	2693	3393	13	0	0	0	0	0

AVERAGE HS(FT) = 1.29 LARGEST HS(FT) = 2.54 ANGLE CLASS % = 6.2

STATION 14 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00											2904
0.00-0.49		2066	766	72	206						3077
0.50-0.99			1153	1718	1673						2462
1.00-1.49			5	784	1218						1222
1.50-1.99					126						200
2.00-2.49						74					23
2.50-2.99						22	1				1
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	2066	1924	2578	3223	96	2	0	0	0	14440

AVE HS(FT) = 0.87 LARGEST HS(FT) = 3.05 TOTAL CASES = 14440.

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	156	3224	.	.	.	.	.	156
0.0 - 0.99	.	.	.	1569	.	.	.	.	.	1569
0.0 - 1.49	2262	.	.	.	.	2262
0.0 - 1.99	1620	.	.	.	.	1620
0.0 - 2.49	47	.	.	.	.	47
0.0 - 2.99
0.0 - 3.49
0.0 - 3.99
0.0 - 4.49
0.0 - 4.99
0.0 - 5.00 - GREATER	0	0	156	4795	3959	0	0	0	0	0
TOTAL	0	0	156	4795	3959	0	0	0	0	0

AVERAGE HS (FT) = 1.15 LARGEST HS (FT) = 2.23 ANGLE CLASS % = 8.9

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	421	1970	.	.	.	.	.	421
0.0 - 0.99	.	.	679	652	.	.	.	.	.	2649
0.0 - 1.49	386	.	.	.	.	1019
0.0 - 1.99	298	.	.	.	.	298
0.0 - 2.49
0.0 - 2.99
0.0 - 3.49
0.0 - 3.99
0.0 - 4.49
0.0 - 4.99
0.0 - 5.00 - GREATER	0	0	1100	2622	664	0	0	0	0	0
TOTAL	0	0	1100	2622	664	0	0	0	0	0

AVERAGE HS (FT) = 0.88 LARGEST HS (FT) = 1.91 ANGLE CLASS % = 4.4

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	278	3152	.	.	.	.	.	278
0.0 - 0.99	.	.	.	1338	964	.	.	.	.	3152
0.0 - 1.49	414	.	.	.	.	2302
0.0 - 1.99	13	.	.	.	.	414
0.0 - 2.49	13
0.0 - 2.99
0.0 - 3.49
0.0 - 3.99
0.0 - 4.49
0.0 - 4.99
0.0 - 5.00 - GREATER	0	0	278	4490	1391	0	0	0	0	0
TOTAL	0	0	278	4490	1391	0	0	0	0	0

AVERAGE HS (FT) = 1.02 LARGEST HS (FT) = 2.12 ANGLE CLASS % = 6.2

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	81	20	550	.	.	.	.	101
0.0 - 0.99	.	.	.	380	2072	.	.	.	.	910
0.0 - 1.49	658	.	.	.	.	2072
0.0 - 1.99	47	47	.	.	.	658
0.0 - 2.49	47
0.0 - 2.99
0.0 - 3.49
0.0 - 3.99
0.0 - 4.49
0.0 - 4.99
0.0 - 5.00 - GREATER	0	0	81	380	3327	47	0	0	0	0
TOTAL	0	0	81	380	3327	47	0	0	0	0

AVERAGE HS (FT) = 1.24 LARGEST HS (FT) = 2.35 ANGLE CLASS % = 3.8

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	.	176	.	.	.	.	.	.	176
0.50 - 0.99	.	.	.	1052	618	.	.	.	.	.	1670
1.00 - 1.49	.	.	.	550	2167	.	.	.	.	.	2717
1.50 - 1.99	1039	.	.	.	.	.	1039
2.00 - 2.49	115	.	.	.	.	.	121
2.50 - 2.99	6	.	.	.	.	6
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	1778	3939	12	0	0	0	0	0

AVERAGE HS (FT) = 1.20 LARGEST HS (FT) = 2.84 ANGLE CLASS % = 5.7

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	2703	767	.	.	.	.	.	.	.	3470
0.50 - 0.99	.	.	1066	.	.	.	.	.	.	.	1066
1.00 - 1.49	.	.	13	.	.	.	.	.	.	.	13
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	2703	1846	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.34 LARGEST HS (FT) = 1.01 ANGLE CLASS % = 4.6

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	6059	855	.	.	.	.	.	.	.	6914
0.50 - 0.99	.	.	2160	.	.	.	.	.	.	.	2160
1.00 - 1.49	.	.	6	.	.	.	.	.	.	.	6
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	6059	3021	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.32 LARGEST HS (FT) = 1.01 ANGLE CLASS % = 9.1

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	5156	1324	.	.	.	.	.	.	.	6480
0.50 - 0.99	.	.	2228	.	.	.	.	.	.	.	2228
1.00 - 1.49	0
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	5156	3552	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.34 LARGEST HS (FT) = 0.93 ANGLE CLASS % = 8.7

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											8973
0.05											5095
0.10	0.49	6759	2214								466
0.15	0.99		5035								33
0.20	1.49		33	13							6
0.25	1.99			6							
0.30	2.49										
0.35	2.99										
0.40	3.49										
0.45	3.99										
0.50	4.49										
0.55	4.99										
0.60	5.49										
0.65	5.99										
0.70	6.49										
0.75	6.99										
0.80	7.49										
0.85	7.99										
0.90	8.49										
0.95	8.99										
1.00	9.49										
GREATER											
TOTAL	0	6759	7342	19	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.39 LARGEST HS(FT) = 1.67 ANGLE CLASS % = 14.1

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											3389
0.05											2730
0.10	0.49	2180	1209								28
0.15	0.99		2730								
0.20	1.49			88							
0.25	1.99										
0.30	2.49										
0.35	2.99										
0.40	3.49										
0.45	3.99										
0.50	4.49										
0.55	4.99										
0.60	5.49										
0.65	5.99										
0.70	6.49										
0.75	6.99										
0.80	7.49										
0.85	7.99										
0.90	8.49										
0.95	8.99										
1.00	9.49										
GREATER											
TOTAL	0	2180	3939	88	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.29 ANGLE CLASS % = 6.2

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											3355
0.05											3015
0.10	0.49	1188	2167								292
0.15	0.99		2615	400							
0.20	1.49			292							
0.25	1.99										
0.30	2.49										
0.35	2.99										
0.40	3.49										
0.45	3.99										
0.50	4.49										
0.55	4.99										
0.60	5.49										
0.65	5.99										
0.70	6.49										
0.75	6.99										
0.80	7.49										
0.85	7.99										
0.90	8.49										
0.95	8.99										
1.00	9.49										
GREATER											
TOTAL	0	1188	4782	692	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 6.7

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											930
0.05											1643
0.10	0.49		930								468
0.15	0.99		828	815							74
0.20	1.49			468							
0.25	1.99			27	47						
0.30	2.49										
0.35	2.99										
0.40	3.49										
0.45	3.99										
0.50	4.49										
0.55	4.99										
0.60	5.49										
0.65	5.99										
0.70	6.49										
0.75	6.99										
0.80	7.49										
0.85	7.99										
0.90	8.49										
0.95	8.99										
1.00	9.49										
GREATER											
TOTAL	0	0	1758	1310	47	0	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 1.91 ANGLE CLASS % = 3.1

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	13	719	3558	291	0	0	0	0	121

AVERAGE HS(FT) = 1.27 LARGEST HS(FT) = 2.80 ANGLE CLASS % = 4.6

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	0	386	2376	298	12	0	0	0	54

AVERAGE HS(FT) = 1.36 LARGEST HS(FT) = 3.13 ANGLE CLASS % = 3.1

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	0	2336	3103	46	0	0	0	0	61

AVERAGE HS(FT) = 1.24 LARGEST HS(FT) = 2.55 ANGLE CLASS % = 5.5

STATION 14 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	40	2288	2084	0	0	0	0	0	27

AVERAGE HS(FT) = 1.24 LARGEST HS(FT) = 2.39 ANGLE CLASS % = 4.4

STATION 14 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	2404	1044	42	.	.	.	.	.	.	3490
0.5-0.99	.	.	1741	1519	220	.	.	.	.	.	3601
1.0-1.49	.	.	5	626	1350	.	.	.	.	.	1991
1.5-1.99	.	.	.	3	794	.	.	.	.	.	1497
2.0-2.49	71	57	.	.	.	.	128
2.5-2.99	12	.	.	.	.	100
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	2404	2790	2190	2445	69	0	0	0	0	14720

AVE HS(FT) = 0.76 LARGEST HS(FT) = 3.13 TOTAL CASES = 14720.

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	346	4483	.	.	.	.	.	.	346
0.99	.	.	.	1032	815	.	.	.	.	.	4483
1.49	115	.	.	.	.	.	1032
1.99	115
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	346	5515	930	0	0	0	0	0	0
TOTAL	0	0	346	5515	930	0	0	0	0	0	0

AVERAGE HS(FT) = 0.88 LARGEST HS(FT) = 1.90 ANGLE CLASS % = 6.8

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	855	1684	.	.	.	.	.	.	855
0.99	.	.	781	224	47	.	.	.	.	.	2455
1.49	27	.	.	.	.	.	271
1.99	27
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	1636	1908	74	0	0	0	0	0	0
TOTAL	0	0	1636	1908	74	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.52 ANGLE CLASS % = 3.6

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	516	5876	.	.	.	.	.	.	516
0.99	.	.	.	1494	563	.	.	.	.	.	5876
1.49	61	.	.	.	.	.	2057
1.99	6	.	.	.	.	.	61
2.49	6
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	516	7370	630	0	0	0	0	0	0
TOTAL	0	0	516	7370	630	0	0	0	0	0	0

AVERAGE HS(FT) = 0.88 LARGEST HS(FT) = 2.19 ANGLE CLASS % = 8.5

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	244	27	1311	.	.	.	.	.	271
0.99	.	.	.	855	2880	.	.	.	.	.	2166
1.49	489	.	.	.	.	.	2880
1.99	13	6	.	.	.	.	489
2.49	6	.	.	.	.	19
2.99	6	.	.	.	6
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	244	882	4693	6	6	0	0	0	0
TOTAL	0	0	244	882	4693	6	6	0	0	0	0

AVERAGE HS(FT) = 1.08 LARGEST HS(FT) = 3.23 ANGLE CLASS % = 5.8

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											474
0.05				468	1229						1851
0.10				2622	1693						2587
0.15				859	407						407
0.20					20						26
0.25						6					6
0.30							6				6
0.35											0
0.40											0
0.45											0
0.50											0
0.55											0
0.60											0
0.65											0
0.70											0
0.75											0
0.80											0
0.85											0
0.90											0
GREATER											0
TOTAL	0	0	6	3979	3354	6	6	0	0	0	0

AVERAGE HS(FT) = 0.98 LARGEST HS(FT) = 3.43 ANGLE CLASS % = 7.4

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											3362
0.05											203
0.10											0
0.15											0
0.20											0
0.25											0
0.30											0
0.35											0
0.40											0
0.45											0
0.50											0
0.55											0
0.60											0
0.65											0
0.70											0
0.75											0
0.80											0
0.85											0
0.90											0
GREATER											0
TOTAL	0	3050	515	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.23 LARGEST HS(FT) = 0.75 ANGLE CLASS % = 3.6

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											5509
0.05											217
0.10											6
0.15											0
0.20											0
0.25											0
0.30											0
0.35											0
0.40											0
0.45											0
0.50											0
0.55											0
0.60											0
0.65											0
0.70											0
0.75											0
0.80											0
0.85											0
0.90											0
GREATER											0
TOTAL	0	5312	414	6	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.20 LARGEST HS(FT) = 1.27 ANGLE CLASS % = 5.7

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00											4571
0.05											292
0.10											6
0.15											0
0.20											0
0.25											0
0.30											0
0.35											0
0.40											0
0.45											0
0.50											0
0.55											0
0.60											0
0.65											0
0.70											0
0.75											0
0.80											0
0.85											0
0.90											0
GREATER											0
TOTAL	0	4191	678	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.23 LARGEST HS(FT) = 1.05 ANGLE CLASS % = 4.9

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			6	461							467
0.99				1345	1433						2778
1.49					4354						4354
1.99					699						699
2.49					20	47					67
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	6	1806	6506	47	0	0	0	0	0

AVERAGE HS (FT) = 1.07 LARGEST HS (FT) = 2.23 ANGLE CLASS % = 8.4

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49				278							278
0.99				862	828						1690
1.49					1766						1766
1.99					794						794
2.49						27					27
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	0	1140	3388	27	0	0	0	0	0

AVERAGE HS (FT) = 1.09 LARGEST HS (FT) = 2.40 ANGLE CLASS % = 4.6

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			33	258							291
0.99				3118							3118
1.49				523	1379						1902
1.99					176						176
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	33	3899	1561	0	0	0	0	0	0

AVERAGE HS (FT) = 0.92 LARGEST HS (FT) = 2.16 ANGLE CLASS % = 5.5

STATION 14 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			156								156
0.99			47	2737							2784
1.49				448	298						746
1.99					40						40
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	203	3185	338	0	0	0	0	0	0

AVERAGE HS (FT) = 0.86 LARGEST HS (FT) = 1.82 ANGLE CLASS % = 3.7

STATION 14 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	2817	1072	149	.	.	.	.	.	.	4038
0.50-0.99	.	.	645	2425	480	.	.	.	.	.	3550
1.00-1.49	.	.	1	475	1380	.	.	.	.	.	1850
1.50-1.99	281	.	.	.	.	.	281
2.00-2.49	6	8	.	.	.	.	14
2.50-2.99	1	.	.	.	1
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	2817	1718	3049	2147	8	1	0	0	0	14720

AVE HS (FT) = 0.64 LARGEST HS (FT) = 3.43 TOTAL CASES = 14720.

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			412								412
0.50 - 0.99				5501							5501
1.00 - 1.49				2211	2410						4621
1.50 - 1.99					2060						2060
2.00 - 2.49					185						185
2.50 - 2.99						20					20
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	0	0	412	7712	4655	20	0	0	0	0	0

AVERAGE HS (FT) = 1.10 LARGEST HS (FT) = 2.80 ANGLE CLASS % = 12.8

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			1064								1064
0.50 - 0.99			1119	3406							4525
1.00 - 1.49				810	480						1290
1.50 - 1.99					274						274
2.00 - 2.49					34						34
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	0	0	2183	4216	788	0	0	0	0	0	0

AVERAGE HS (FT) = 0.80 LARGEST HS (FT) = 2.24 ANGLE CLASS % = 7.2

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			473								473
0.50 - 0.99				7541							7541
1.00 - 1.49				2685	1579						4264
1.50 - 1.99					604						604
2.00 - 2.49					41						41
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	0	0	473	10226	2224	0	0	0	0	0	0

AVERAGE HS (FT) = 0.98 LARGEST HS (FT) = 2.13 ANGLE CLASS % = 12.9

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			384	34							418
0.50 - 0.99				1346	1456						2802
1.00 - 1.49					4787						4787
1.50 - 1.99					1304						1304
2.00 - 2.49					137	157					294
2.50 - 2.99						27					27
3.00 - 3.49							6				6
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER											0
TOTAL	0	0	384	1380	7684	184	6	0	0	0	0

AVERAGE HS (FT) = 1.18 LARGEST HS (FT) = 3.31 ANGLE CLASS % = 9.6

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	302							308
0.99				2699	1208						3907
1.49				1394	3214						4608
1.99					1497						1497
2.49					130						130
2.99						13					13
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	6	4395	6049	26	0	0	0	0	0

AVERAGE HS(FT) = 1.13 LARGEST HS(FT) = 2.92 ANGLE CLASS % = 10.5

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		3715	748								4463
1.49			652								652
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	3715	1400	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.28 LARGEST HS(FT) = 0.94 ANGLE CLASS % = 5.1

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		5666	309								5975
1.49			755								755
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	5666	1064	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.25 LARGEST HS(FT) = 0.90 ANGLE CLASS % = 6.7

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		3241	439								3680
1.49			652								652
1.99			6								6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	3241	1097	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.28 LARGEST HS(FT) = 1.09 ANGLE CLASS % = 4.3

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		4436	576								5012
0.50-0.99			105								1105
1.00-1.49			13								13
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	4436	1694	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.27 LARGEST HS(FT) = 1.00 ANGLE CLASS % = 6.1

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		1483	350								1833
0.50-0.99			473								473
1.00-1.49				13							13
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	1483	823	13	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.31 LARGEST HS(FT) = 1.02 ANGLE CLASS % = 2.3

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		1037	1119								2156
0.50-0.99			631	27							658
1.00-1.49				41							41
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	1037	1750	68	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.38 LARGEST HS(FT) = 1.37 ANGLE CLASS % = 2.9

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			714								714
0.50-0.99			329	309							638
1.00-1.49				151							151
1.50-1.99				6							6
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	1043	466	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 1.5

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			6	267							273
0.50 - 0.99				604	707						1311
1.00 - 1.49					1456						1456
1.50 - 1.99					309						309
2.00 - 2.49						34					34
2.50 - 2.99						6					6
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	6	871	2472	40	0	0	0	0	0
TOTAL	0	0	6	871	2472	40	0	0	0	0	0

AVERAGE HS(FT) = 1.03 LARGEST HS(FT) = 2.55 ANGLE CLASS % = 3.4

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49				116							116
0.50 - 0.99				391	439						830
1.00 - 1.49					961						961
1.50 - 1.99					412						412
2.00 - 2.49						68					68
2.50 - 2.99						6					6
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	0	507	1812	74	0	0	0	0	0
TOTAL	0	0	0	507	1812	74	0	0	0	0	0

AVERAGE HS(FT) = 1.14 LARGEST HS(FT) = 2.58 ANGLE CLASS % = 2.4

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			13	247							260
0.50 - 0.99				2500							2500
1.00 - 1.49				501	1476						1977
1.50 - 1.99					549						549
2.00 - 2.49					89						89
2.50 - 2.99						6					6
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	13	3248	2114	6	0	0	0	0	0
TOTAL	0	0	13	3248	2114	6	0	0	0	0	0

AVERAGE HS(FT) = 1.04 LARGEST HS(FT) = 2.34 ANGLE CLASS % = 5.4

STATION 14 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49			226								226
0.50 - 0.99			48	2520							2568
1.00 - 1.49				899	879						1778
1.50 - 1.99					590						590
2.00 - 2.49					82						82
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	274	3419	1551	0	0	0	0	0	0
TOTAL	0	0	274	3419	1551	0	0	0	0	0	0

AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 2.26 ANGLE CLASS % = 5.2

STATION 14 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	1958	664	96	381	.	.	.	.	.	2738
1.00 - 1.49	.	.	576	2684	1724	.	.	.	.	.	3641
1.50 - 1.99	.	.	2	870	1700	.	.	.	.	.	2556
2.00 - 2.49	70	.	.	.	.	.	760
2.50 - 2.99	287	.	.	.	.	987
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0	1958	1262	3650	2935	35	0	0	0	0	0
TOTAL	0	1958	1262	3650	2935	35	0	0	0	0	14560

AVE HS (FT) = 0.82 LARGEST HS (FT) = 3.31 TOTAL CASES = 14560.

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			275								275
0.50-0.99				4233							4233
1.00-1.49				1747							1747
1.50-1.99					2265						2265
2.00-2.49					1984						1984
2.50-2.99					131						131
3.00-3.49						5					5
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.99											
6.00-6.99											
7.00-7.99											
8.00-8.99											
9.00-9.99											
10.00-GREATER											
TOTAL	0	0	275	5980	4350	5	0	0	0	0	0

AVERAGE HS(FT) = 1.13 LARGEST HS(FT) = 2.80 ANGLE CLASS % = 10.6

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			710								710
0.50-0.99			814	2446							3260
1.00-1.49				658							1041
1.50-1.99					383						383
2.00-2.49					318						318
2.50-2.99					18						18
3.00-3.49											
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.99											
6.00-6.99											
7.00-7.99											
8.00-8.99											
9.00-9.99											
10.00-GREATER											
TOTAL	0	0	1524	3104	717	0	0	0	0	0	0

AVERAGE HS(FT) = 0.84 LARGEST HS(FT) = 2.24 ANGLE CLASS % = 5.3

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			343								343
0.50-0.99				5071							5071
1.00-1.49				1808	1161						2969
1.50-1.99					429						429
2.00-2.49					22						22
2.50-2.99											
3.00-3.49											
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.99											
6.00-6.99											
7.00-7.99											
8.00-8.99											
9.00-9.99											
10.00-GREATER											
TOTAL	0	0	343	6879	1612	0	0	0	0	0	0

AVERAGE HS(FT) = 0.98 LARGEST HS(FT) = 2.27 ANGLE CLASS % = 8.8

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			208	30							278
0.50-0.99				766	994						1760
1.00-1.49					3145						3145
1.50-1.99					860						860
2.00-2.49					59						59
2.50-2.99						71					71
3.00-3.49						13					13
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.99											
6.00-6.99											
7.00-7.99											
8.00-8.99											
9.00-9.99											
10.00-GREATER											
TOTAL	0	0	208	796	5058	84	3	0	0	0	0

AVERAGE HS(FT) = 1.18 LARGEST HS(FT) = 3.31 ANGLE CLASS % = 6.2

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			5	296							301
0.50				1919							2010
0.51				872							872
0.52					2287						2287
0.53					1031						1031
0.54					92						92
0.55						6					6
0.56							1				1
0.57											
0.58											
0.59											
0.60											
GREATER											
TOTAL	0	0	5	3087	4335	12	1	0	0	0	7441

AVERAGE HS(FT) = 1.12 LARGEST HS(FT) = 3.43 ANGLE CLASS % = 7.4

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		3175	645								3820
0.50			740								740
0.51			3								3
0.52											
0.53											
0.54											
0.55											
0.56											
0.57											
0.58											
0.59											
0.60											
GREATER											
TOTAL	0	3175	1388	0	0	0	0	0	0	0	4563

AVERAGE HS(FT) = 0.30 LARGEST HS(FT) = 1.01 ANGLE CLASS % = 4.6

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		5718	467								6185
0.50			1261								1261
0.51			3	1							4
0.52											
0.53											
0.54											
0.55											
0.56											
0.57											
0.58											
0.59											
0.60											
GREATER											
TOTAL	0	5718	1731	1	0	0	0	0	0	0	7450

AVERAGE HS(FT) = 0.28 LARGEST HS(FT) = 1.27 ANGLE CLASS % = 7.5

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		4166	761								4927
0.50			1112								1112
0.51			3								3
0.52											
0.53											
0.54											
0.55											
0.56											
0.57											
0.58											
0.59											
0.60											
GREATER											
TOTAL	0	4166	1876	0	0	0	0	0	0	0	6043

AVERAGE HS(FT) = 0.30 LARGEST HS(FT) = 1.09 ANGLE CLASS % = 6.0

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	6202	1344	.	.	.	.	.	.	.	7546
0.50-0.99	.	.	2498	10	.	.	.	.	.	.	2498
1.0-1.49	.	.	29	5	.	.	.	.	.	.	34
1.50-1.99	0
2.0-2.49	0
2.50-2.99	0
3.0-3.49	0
3.50-3.99	0
4.0-4.49	0
4.50-4.99	0
5.0-5.49	0
5.50-5.99	0
6.0-6.49	0
6.50-6.99	0
7.0-7.49	0
7.50-7.99	0
8.0-8.49	0
8.50-8.99	0
9.0-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	6202	3867	15	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.33 LARGEST HS (FT) = 1.67 ANGLE CLASS % = 10.1

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	2352	855	.	.	.	.	.	.	.	3207
0.50-0.99	.	.	1452	47	.	.	.	.	.	.	1452
1.0-1.49	.	.	.	1	.	.	.	.	.	.	47
1.50-1.99	1
2.0-2.49	0
2.50-2.99	0
3.0-3.49	0
3.50-3.99	0
4.0-4.49	0
4.50-4.99	0
5.0-5.49	0
5.50-5.99	0
6.0-6.49	0
6.50-6.99	0
7.0-7.49	0
7.50-7.99	0
8.0-8.49	0
8.50-8.99	0
9.0-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	2352	2307	48	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.38 LARGEST HS (FT) = 1.61 ANGLE CLASS % = 4.7

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	1521	2049	165	.	.	.	.	.	.	3570
0.50-0.99	.	.	1711	124	.	.	.	.	.	.	1876
1.0-1.49	.	.	.	3	.	.	.	.	.	.	124
1.50-1.99	3
2.0-2.49	0
2.50-2.99	0
3.0-3.49	0
3.50-3.99	0
4.0-4.49	0
4.50-4.99	0
5.0-5.49	0
5.50-5.99	0
6.0-6.49	0
6.50-6.99	0
7.0-7.49	0
7.50-7.99	0
8.0-8.49	0
8.50-8.99	0
9.0-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1521	3760	292	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.44 LARGEST HS (FT) = 1.86 ANGLE CLASS % = 5.6

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	1122	590	.	.	.	.	.	.	1122
0.50-0.99	.	.	670	318	.	.	.	.	.	.	1260
1.0-1.49	.	.	.	10	17	.	.	.	.	.	318
1.50-1.99	27
2.0-2.49	0
2.50-2.99	0
3.0-3.49	0
3.50-3.99	0
4.0-4.49	0
4.50-4.99	0
5.0-5.49	0
5.50-5.99	0
6.0-6.49	0
6.50-6.99	0
7.0-7.49	0
7.50-7.99	0
8.0-8.49	0
8.50-8.99	0
9.0-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	1792	918	17	0	0	0	0	0	0

AVERAGE HS (FT) = 0.63 LARGEST HS (FT) = 1.99 ANGLE CLASS % = 2.7

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			8	253							261
0.5-0.99				771	823						1604
1.0-1.49					2335						2335
1.5-1.99					695						695
2.0-2.49					49	142					191
2.5-2.99						34					34
3.0-3.49							1				1
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	0	8	1024	3903	176	1	0	0	0	5112

AVERAGE HS (FT) = 1.16 LARGEST HS (FT) = 3.03 ANGLE CLASS % = 5.1

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49				148							148
0.5-0.99				455	480						935
1.0-1.49					1208						1208
1.5-1.99					715						715
2.0-2.49						165					165
2.5-2.99						32					32
3.0-3.49							3				3
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	0	0	603	2403	197	8	0	0	0	3211

AVERAGE HS (FT) = 1.23 LARGEST HS (FT) = 3.13 ANGLE CLASS % = 3.2

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			13	174							187
0.5-0.99				2306							2306
1.0-1.49				540	1658						2198
1.5-1.99					756						756
2.0-2.49					200	35					235
2.5-2.99						10					10
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	0	13	3020	2614	45	0	0	0	0	5702

AVERAGE HS (FT) = 1.12 LARGEST HS (FT) = 2.99 ANGLE CLASS % = 5.7

STATION 14 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			121								121
0.5-0.99			37	2144							2181
1.0-1.49				752	893						1645
1.5-1.99					838						838
2.0-2.49					109						109
2.5-2.99						3					3
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	0	158	2896	1836	3	0	0	0	0	4993

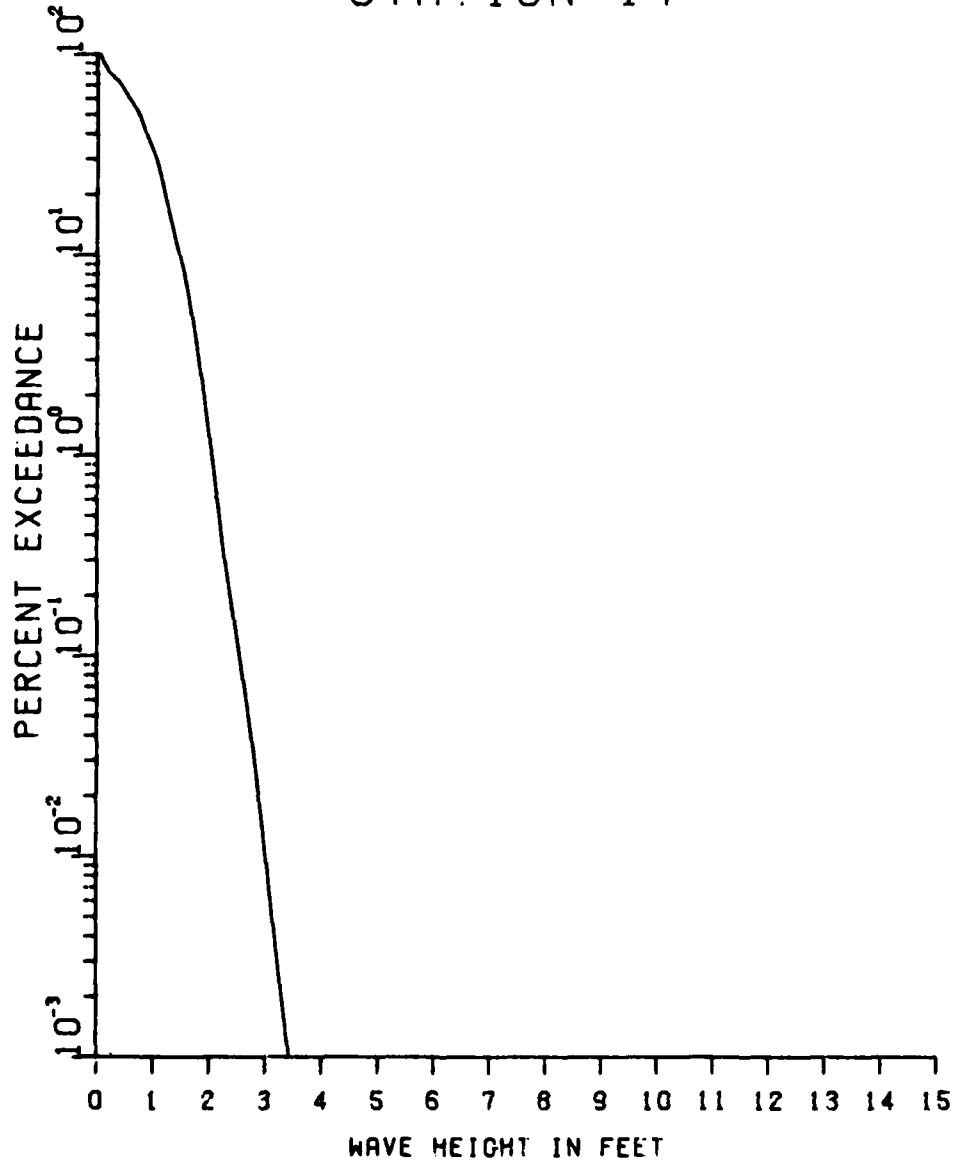
AVERAGE HS (FT) = 1.13 LARGEST HS (FT) = 2.54 ANGLE CLASS % = 4.9

STATION 14 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	2313	893	90	.	.	.	.	.	.	3296
0.50 - 0.99	.	.	1029	2087	322	.	.	.	.	.	3438
1.00 - 1.49	.	.	3	688	1533	.	.	.	.	.	2224
1.50 - 1.99	.	.	.	2	761	.	.	.	.	.	763
2.00 - 2.49	68	42	.	.	.	.	110
2.50 - 2.99	10	.	.	.	.	10
3.00 - 3.49	1	.	.	.	1
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	2313	1925	2867	2684	52	1	0	0	0	58440

AVE HS(FT) = 0.77 LARGEST HS(FT) = 3.43 TOTAL CASES = 58440

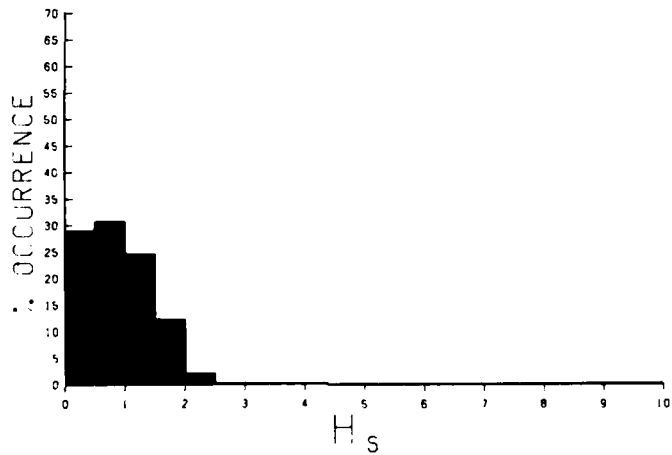
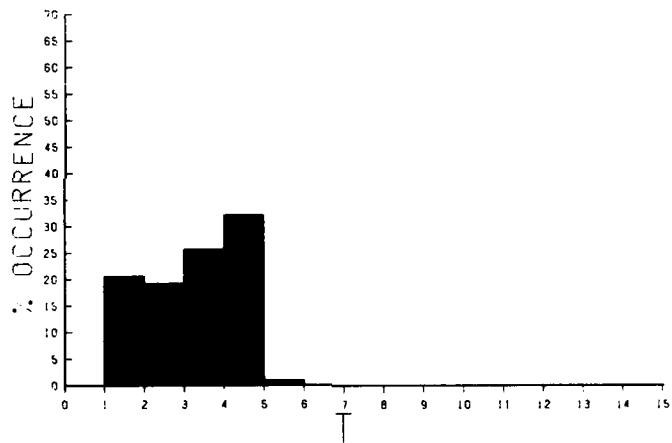
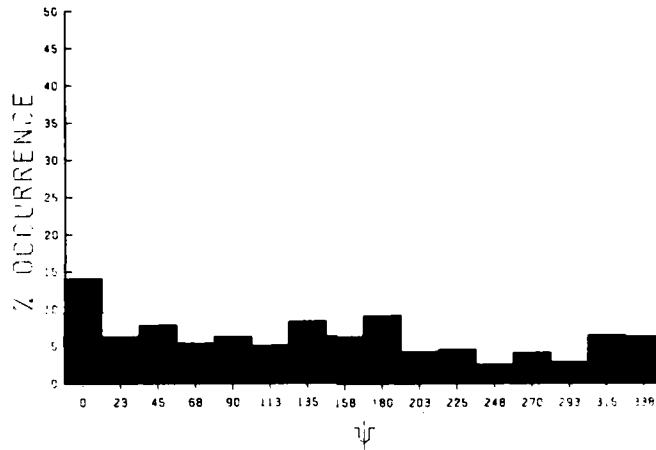
STATION 14



STATION 14

DEC. - FEB.

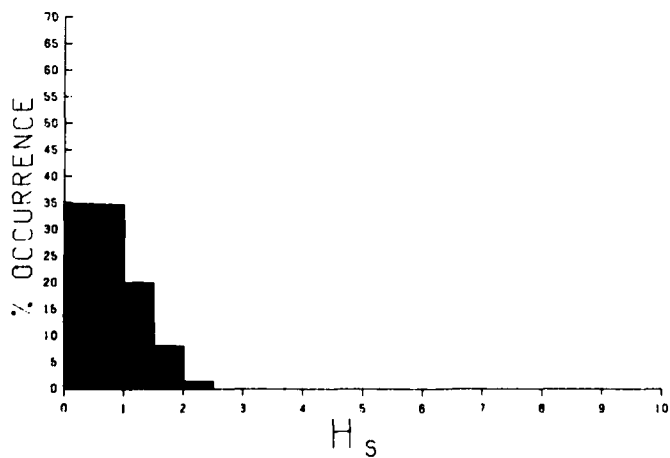
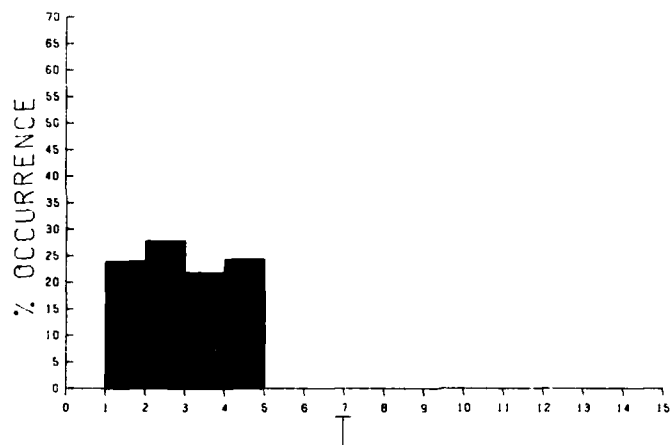
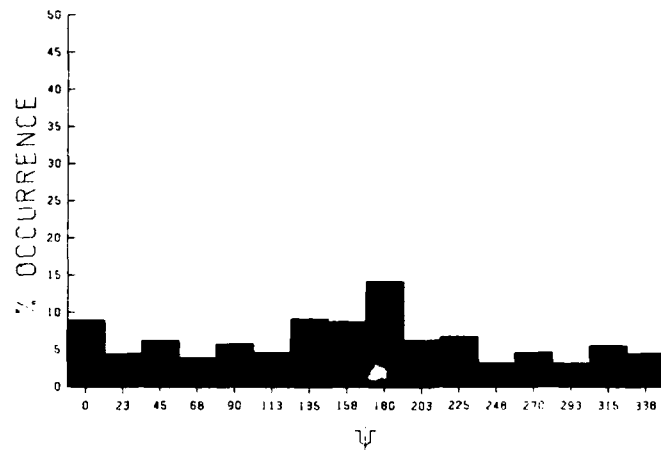
14440 CASES



STATION 14

MAR. - MAY

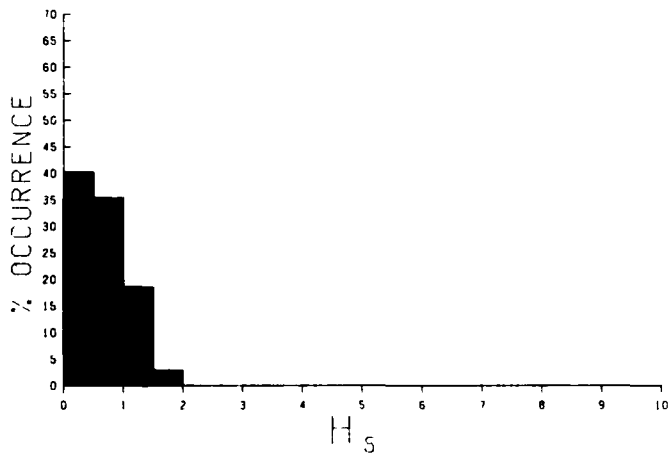
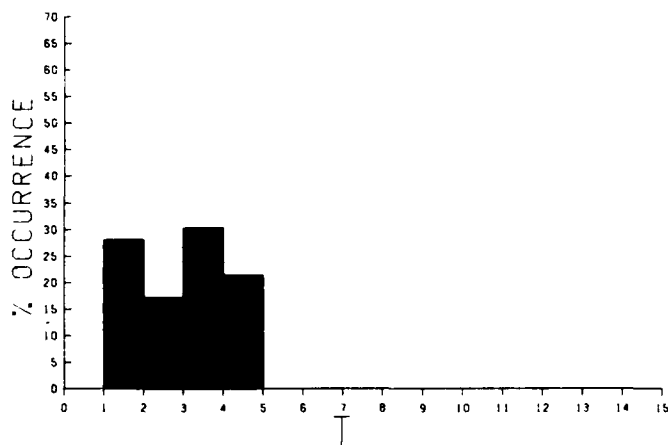
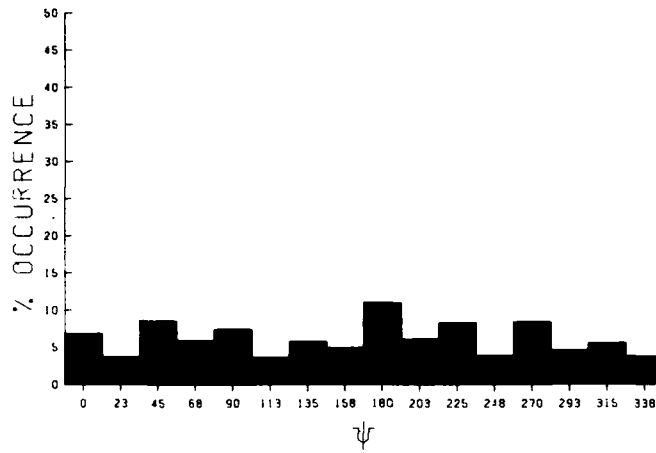
14729 CASES



STATION 14

JUN. - AUG.

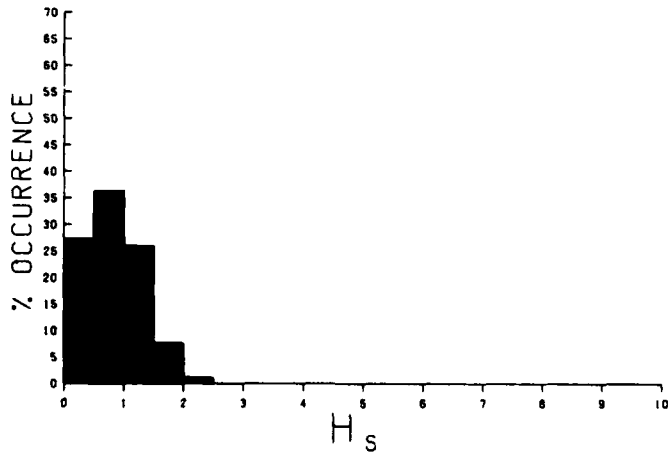
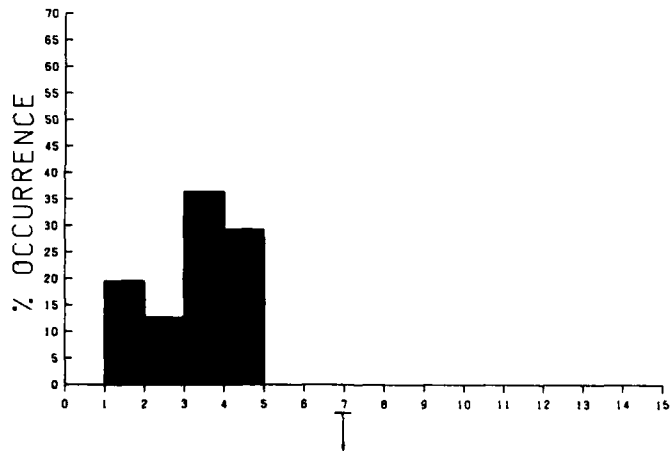
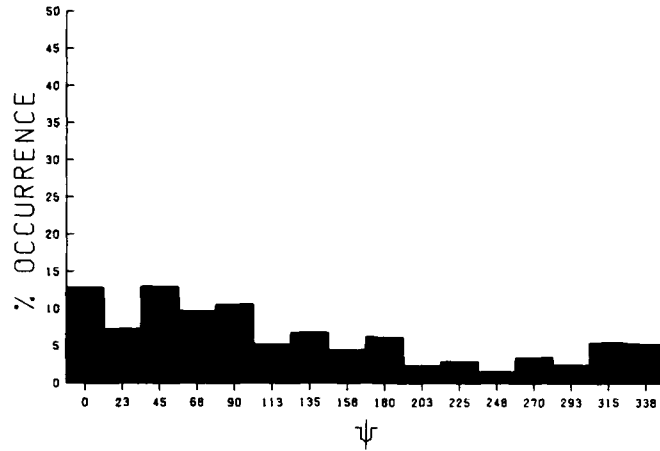
14720 CASES



STATION 14

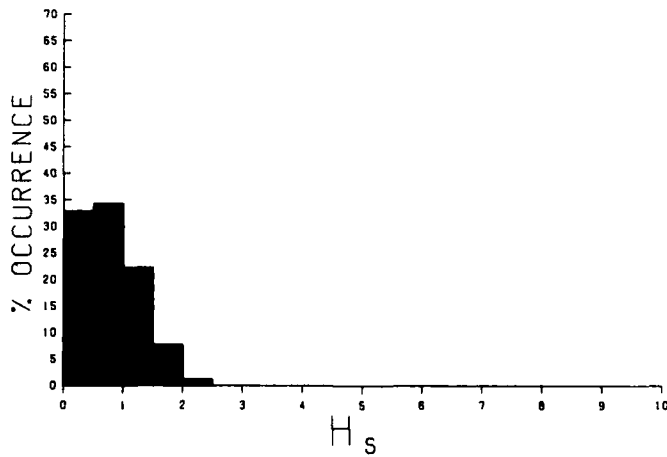
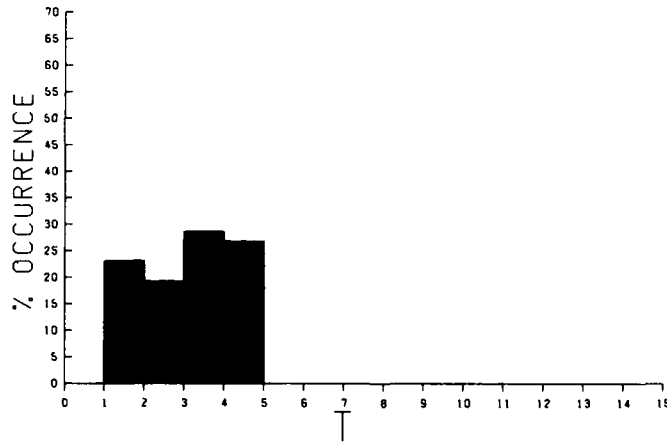
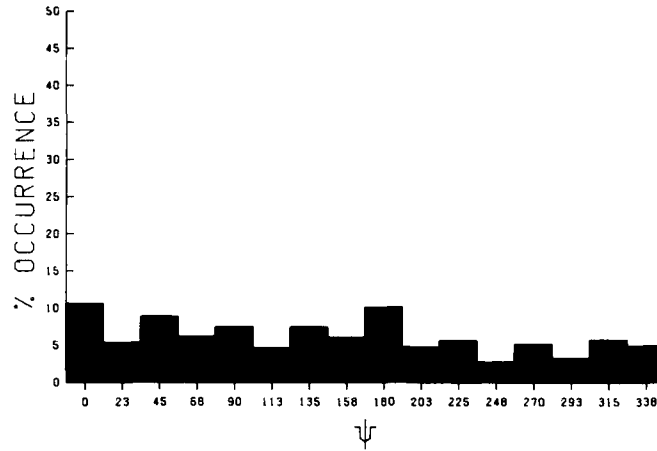
SEP. - NOV.

14560 CASES



E66

STATION 14
 JAN. - DEC.
 58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 14

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.9	0.6	0.7	0.6	0.5	0.6	0.6	0.5	0.7	0.7	0.7	0.5	0.6
1957	0.7	0.7	0.7	0.6	0.5	0.5	0.7	0.8	0.7	0.9	0.8	0.6	0.7
1958	1.0	1.0	0.9	0.8	0.8	0.6	0.6	0.7	0.8	1.0	0.9	1.1	0.9
1959	1.0	1.0	1.0	0.7	0.7	0.7	0.7	0.8	1.0	1.0	1.1	1.0	0.9
1960	1.1	1.1	1.1	0.8	0.7	0.7	0.7	0.5	0.9	0.7	0.9	1.0	0.9
1961	1.1	0.9	0.8	0.9	0.8	0.6	0.6	0.7	0.9	0.9	1.0	0.9	0.8
1962	1.0	0.8	1.1	0.8	0.7	0.7	0.7	0.6	0.7	0.6	0.8	0.8	0.8
1963	0.8	0.9	0.7	0.7	0.6	0.6	0.5	0.5	0.8	0.8	0.9	1.1	0.8
1964	1.0	1.2	0.9	0.7	0.7	0.7	0.8	0.7	0.9	1.1	0.9	0.9	0.9
1965	0.9	1.1	1.0	0.8	0.7	0.7	0.7	0.6	0.9	1.0	0.8	0.9	0.8
1966	1.1	1.0	0.9	0.8	1.0	0.8	0.7	0.5	0.6	0.8	0.8	0.9	0.8
1967	0.7	0.9	0.7	0.6	0.7	0.8	0.7	0.6	0.8	0.7	0.8	0.7	0.7
1968	0.8	1.0	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.8	0.7
1969	0.8	0.9	1.0	0.7	0.7	0.7	0.6	0.7	0.8	1.0	0.8	0.9	0.8
1970	0.9	0.9	0.9	0.6	0.7	0.6	0.6	0.5	0.7	0.9	0.9	0.9	0.8
1971	0.6	0.9	1.0	0.9	0.7	0.7	0.6	0.8	0.8	0.7	0.9	0.7	0.8
1972	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.8	1.0	0.7	0.7
1973	0.9	0.9	0.7	0.8	0.7	0.6	0.6	0.6	0.8	0.8	0.7	0.8	0.7
1974	0.6	0.8	0.7	0.7	0.6	0.6	0.6	0.5	0.8	0.8	0.7	0.7	0.7
1975	0.7	0.7	0.8	0.7	0.5	0.6	0.6	0.4	0.8	0.7	0.7	0.8	0.7
MEAN	0.9	0.9	0.9	0.7	0.7	0.7	0.6	0.6	0.8	0.8	0.8	0.8	

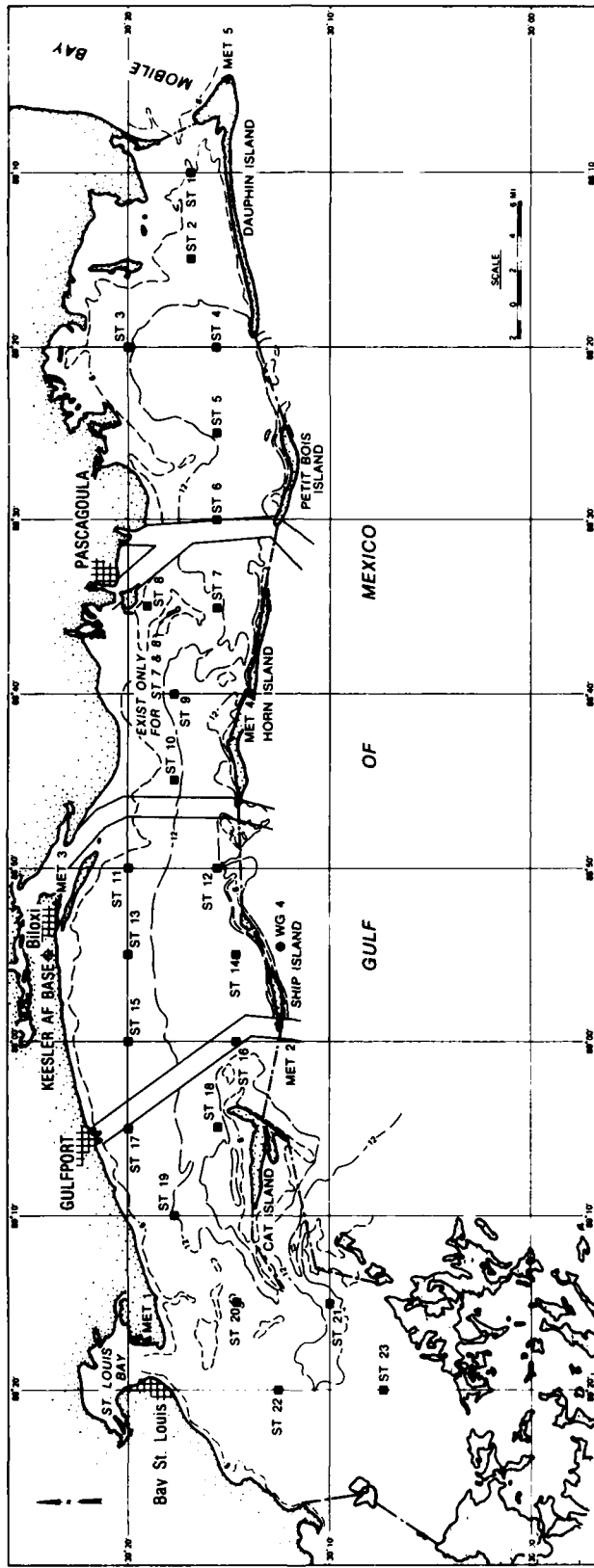
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 14

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	2.0	1.9	2.1	2.0	1.7	1.7	1.8	1.4	2.2	1.5	1.8	2.0
1957	1.7	1.8	2.1	2.2	1.7	1.6	1.8	2.0	1.9	1.8	2.2	2.3
1958	2.2	2.2	1.9	2.3	2.4	1.8	2.0	1.8	2.2	2.3	2.3	2.1
1959	2.4	2.3	2.3	2.1	2.1	2.0	1.8	2.0	2.8	2.3	2.6	2.9
1960	3.0	3.0	2.8	2.6	2.3	2.4	2.2	1.7	3.3	2.1	2.1	2.7
1961	2.7	3.0	2.8	2.8	2.0	1.8	1.9	2.1	2.5	2.1	2.6	2.4
1962	2.7	2.0	3.1	1.9	1.6	1.9	1.6	1.5	1.6	2.0	2.0	2.0
1963	2.1	2.2	2.3	1.8	1.9	1.7	1.8	1.6	2.3	1.9	2.6	2.3
1964	2.6	3.0	2.6	2.2	1.8	1.8	2.1	1.8	2.0	2.8	2.1	2.0
1965	2.6	2.6	2.4	2.1	1.9	2.0	2.0	2.2	2.9	2.0	1.9	1.8
1966	2.2	2.3	2.5	2.6	2.3	2.0	1.9	1.6	1.9	1.8	2.3	2.0
1967	1.9	2.3	2.5	2.0	2.3	1.9	1.8	1.6	2.2	1.8	1.9	2.3
1968	2.4	2.4	2.2	1.8	1.9	1.8	1.7	2.0	1.7	2.0	2.6	2.4
1969	1.9	2.7	2.3	2.2	2.0	1.7	1.7	3.4	1.7	1.8	2.2	2.1
1970	2.0	2.3	2.2	2.0	1.8	2.1	2.2	1.8	2.0	2.2	2.3	2.3
1971	2.0	2.5	2.6	2.3	2.0	2.3	1.8	2.1	1.9	1.7	2.1	2.5
1972	2.1	3.1	2.3	1.9	2.0	2.1	2.1	1.7	1.8	2.0	2.0	2.3
1973	2.2	2.2	2.2	2.2	1.8	1.7	1.7	1.6	1.8	1.7	2.2	2.3
1974	1.7	2.2	1.8	2.2	1.7	1.5	1.8	1.7	2.3	1.7	1.9	2.3
1975	2.1	1.8	2.3	1.9	1.8	1.9	1.9	1.7	2.1	1.9	1.9	2.1

LARGEST HS(FEET) FOR STATION 14 = 3.4



STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	699	4168	1523	.	.	.	.	.	.	4867
0.99	.	.	6128	1371	.	.	.	.	.	.	7651
1.49	.	.	.	6	.	.	.	.	.	.	1371
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	699	10296	2900	0	0	0	0	0	0	0
TOTAL	0	699	10296	2900	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 1.53 ANGLE CLASS % = 13.9

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	297	1911	955	.	.	.	.	.	.	2208
0.99	.	.	2901	463	.	.	.	.	.	.	3856
1.49	463
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	297	4812	1418	0	0	0	0	0	0	0
TOTAL	0	297	4812	1418	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 1.43 ANGLE CLASS % = 6.5

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2936	1835	.	.	.	.	.	.	2936
0.99	.	.	2506	367	.	.	.	.	.	.	4341
1.49	.	.	.	20	.	.	.	.	.	.	367
1.99	20
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	5442	2202	20	0	0	0	0	0	0
TOTAL	0	0	5442	2202	20	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 1.69 ANGLE CLASS % = 7.7

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	720	2326	.	.	.	.	.	.	720
0.99	.	.	858	623	.	.	.	.	.	.	3184
1.49	.	.	.	83	.	.	.	.	.	.	706
1.99	.	.	.	41	.	.	.	.	.	.	41
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	1578	2949	124	0	0	0	0	0	0
TOTAL	0	0	1578	2949	124	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 1.90 ANGLE CLASS % = 4.7

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	6	235	.	.	.	.	.	.	241
0.5-0.99	.	.	.	768	463	.	.	.	.	.	2463
1.0-1.49	2216	.	.	.	.	.	2216
1.5-1.99	699	.	.	.	.	.	699
2.0-2.49	962	.	.	.	.	962
2.5-2.99	644	.	.	.	.	644
3.0-3.49	173	.	.	.	173
3.5-3.99	48	.	.	.	48
4.0-4.49	6	.	.	.	6
4.5-4.99	6
5.0-5.49	6
5.5-5.99	6
6.0-6.49	6
6.5-6.99	6
7.0-7.49	6
7.5-7.99	6
8.0-8.49	6
8.5-8.99	6
9.0-9.49	6
9.5-9.99	6
GREATER	0
TOTAL	0	0	6	1003	3378	1606	227	0	0	0	0

AVERAGE HS (FT) = 1.50 LARGEST HS (FT) = 3.17 ANGLE CLASS % = 6.2

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	436	13	540	.	.	.	.	.	989
0.5-0.99	574	.	.	.	.	.	574
1.0-1.49	1627	.	.	.	.	.	1627
1.5-1.99	644	.	.	.	.	.	644
2.0-2.49	491	.	.	.	.	491
2.5-2.99	249	.	.	.	.	249
3.0-3.49	6	.	.	.	6
3.5-3.99	6
4.0-4.49	6
4.5-4.99	6
5.0-5.49	6
5.5-5.99	6
6.0-6.49	6
6.5-6.99	6
7.0-7.49	6
7.5-7.99	6
8.0-8.49	6
8.5-8.99	6
9.0-9.49	6
9.5-9.99	6
GREATER	0
TOTAL	0	0	436	13	3385	740	6	0	0	0	0

AVERAGE HS (FT) = 1.11 LARGEST HS (FT) = 2.78 ANGLE CLASS % = 4.6

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	914	.	.	.	.	.	.	.	914
0.5-0.99	.	.	865	3310	.	.	.	.	.	.	4175
1.0-1.49	.	.	.	962	789	.	.	.	.	.	1751
1.5-1.99	623	.	.	.	.	.	623
2.0-2.49	48	.	.	.	.	.	48
2.5-2.99	6	.	.	.	.	6
3.0-3.49	6
3.5-3.99	6
4.0-4.49	6
4.5-4.99	6
5.0-5.49	6
5.5-5.99	6
6.0-6.49	6
6.5-6.99	6
7.0-7.49	6
7.5-7.99	6
8.0-8.49	6
8.5-8.99	6
9.0-9.49	6
9.5-9.99	6
GREATER	0
TOTAL	0	0	1779	4272	1460	6	0	0	0	0	0

AVERAGE HS (FT) = 0.89 LARGEST HS (FT) = 2.60 ANGLE CLASS % = 7.5

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	768	.	.	.	.	.	.	.	768
0.5-0.99	.	.	817	2368	.	.	.	.	.	.	3185
1.0-1.49	.	.	.	1087	180	.	.	.	.	.	1267
1.5-1.99	380	.	.	.	.	.	380
2.0-2.49	20	.	.	.	.	.	20
2.5-2.99	20
3.0-3.49	20
3.5-3.99	20
4.0-4.49	20
4.5-4.99	20
5.0-5.49	20
5.5-5.99	20
6.0-6.49	20
6.5-6.99	20
7.0-7.49	20
7.5-7.99	20
8.0-8.49	20
8.5-8.99	20
9.0-9.49	20
9.5-9.99	20
GREATER	0
TOTAL	0	0	1585	3455	580	0	0	0	0	0	0

AVERAGE HS (FT) = 0.84 LARGEST HS (FT) = 2.21 ANGLE CLASS % = 5.6

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1170								1170
0.50-0.99			1170	3109							4279
1.00-1.49				1703	422						2125
1.50-1.99					505						505
2.00-2.49					69						69
2.50-2.99					20						20
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	2340	4812	1016	0	0	0	0	0	8168

AVERAGE HS (FT) = 0.85 LARGEST HS (FT) = 2.97 ANGLE CLASS % = 8.2

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			754								754
0.50-0.99			408	1572							1980
1.00-1.49				858	76						934
1.50-1.99				110	166						276
2.00-2.49					6						6
2.50-2.99					6						12
3.00-3.49						6					6
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	1162	2540	254	6	0	0	0	0	4062

AVERAGE HS (FT) = 0.88 LARGEST HS (FT) = 2.81 ANGLE CLASS % = 4.0

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			429								429
0.50-0.99				1912							1912
1.00-1.49				242	879						1121
1.50-1.99					470						470
2.00-2.49					13						13
2.50-2.99						6					6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	429	2174	1431	12	0	0	0	0	4046

AVERAGE HS (FT) = 0.99 LARGEST HS (FT) = 3.39 ANGLE CLASS % = 4.1

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				90							90
0.50-0.99					339	34					373
1.00-1.49					595	602					1197
1.50-1.99					650	311	138				1099
2.00-2.49							103				103
2.50-2.99							6				6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	0	90	1584	947	247	0	0	0	2868

AVERAGE HS (FT) = 1.74 LARGEST HS (FT) = 3.22 ANGLE CLASS % = 2.9

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0				6	173						179
0.5				1398							1398
1.0					1523						1523
1.5					810						810
2.0						152					152
2.5						13					13
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	0	6	1571	2333	165	0	0	0	0	

AVERAGE HS (FT) = 1.17 LARGEST HS (FT) = 2.59 ANGLE CLASS % = 4.1

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0				886							886
0.5				560	699						1259
1.0					422	48					470
1.5						48					48
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	0	1446	1121	96	0	0	0	0	0	

AVERAGE HS (FT) = 0.69 LARGEST HS (FT) = 1.84 ANGLE CLASS % = 2.7

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0											2395
0.5			491	1904							5074
1.0				2216	858						706
1.5					706						706
2.0					20	27					47
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	491	4120	1584	27	0	0	0	0	0	

AVERAGE HS (FT) = 0.62 LARGEST HS (FT) = 1.96 ANGLE CLASS % = 6.2

STATION 15 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0											2312
0.5			429	1883							3240
1.0				2465	775						581
1.5					581						581
2.0					13						13
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	429	4348	1369	0	0	0	0	0	0	

AVERAGE HS (FT) = 0.63 LARGEST HS (FT) = 1.61 ANGLE CLASS % = 6.1

STATION 15 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00 - 0.49	.	191	1889	51	54	.	.	.	.	.	2185
0.50 - 0.49	.	.	2090	2266	137	3	.	.	.	.	4406
1.00 - 0.49	.	.	.	939	784	.	.	.	.	.	1722
1.50 - 0.49	.	.	.	92	503	205	.	.	.	.	2000
2.00 - 0.49	86	133	.	.	.	.	1000
2.50 - 0.49	4	3	31	.	.	.	1000
3.00 - 0.49	1	.	.	.	1000
3.50 - 0.49	1000
4.00 - 0.49	1000
4.50 - 0.49	1000
5.00 - GREATER	1000
TOTAL	0	191	3979	3348	1568	346	47	0	0	0	14440

AVE HS (FT) = 0.80 LARGEST HS (FT) = 3.39 TOTAL CASES = 14440.

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	665	3403	652	.	.	.	.	.	.	4068
0.49	.	.	3716	373	.	.	.	.	.	.	4368
0.49	373
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
GREATER	0
TOTAL	0	665	7119	1025	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 8.8

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	251	1779	557	.	.	.	.	.	.	2030
0.49	.	.	1834	217	.	.	.	.	.	.	2391
0.49	217
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
GREATER	0
TOTAL	0	251	3613	774	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.24 ANGLE CLASS % = 4.6

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2459	1127	.	.	.	.	.	.	2459
0.49	.	.	2031	258	.	.	.	.	.	.	3158
0.49	6	.	.	.	.	.	258
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
GREATER	0
TOTAL	0	0	4490	1385	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.57 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 5.9

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	611	181	.	.	.	.	.	.	611
0.49	.	.	455	400	88	.	.	.	.	.	2268
0.49	6	.	.	.	.	.	468
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
0.49	0
GREATER	0
TOTAL	0	0	1066	2213	94	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 1.55 ANGLE CLASS % = 3.4

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	.	176	.	.	.	.	.	.	176
0.99	.	.	.	631	2314	.	.	.	.	.	2945
1.49	706	862	.	.	.	.	1568
1.99	597	108	.	.	.	1685
2.49	61	.	.	.	61
2.99	6	.	.	.	6
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
0.00 - GREATER
TOTAL	0	0	0	807	3286	1459	175	0	0	0	6315

AVERAGE HS (FT) = 1.51 LARGEST HS (FT) = 3.29 ANGLE CLASS % = 5.7

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	400	61	536	.	.	.	.	.	997
0.99	400	.	.	.	.	.	400
1.49	1333	.	.	.	.	.	1333
1.99	597	455	.	.	.	.	1052
2.49	292	.	.	.	.	292
2.99	27	.	.	.	27
3.49	20	.	.	.	20
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
0.00 - GREATER
TOTAL	0	0	400	61	2871	747	47	0	0	0	4126

AVERAGE HS (FT) = 1.15 LARGEST HS (FT) = 3.30 ANGLE CLASS % = 4.1

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	930	.	.	.	.	.	.	.	930
0.99	.	.	781	3709	.	.	.	.	.	.	4490
1.49	.	.	.	1392	815	.	.	.	.	.	2207
1.99	726	.	.	.	.	.	726
2.49	88	.	.	.	.	.	88
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
0.00 - GREATER
TOTAL	0	0	1711	5101	1629	0	0	0	0	0	8341

AVERAGE HS (FT) = 0.92 LARGEST HS (FT) = 2.49 ANGLE CLASS % = 8.4

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	808	.	.	.	.	.	.	.	808
0.99	.	.	849	3274	.	.	.	.	.	.	4123
1.49	.	.	.	2214	244	.	.	.	.	.	2458
1.99	482	.	.	.	.	.	482
2.49	61	.	.	.	.	.	61
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
0.00 - GREATER
TOTAL	0	0	1657	5488	787	0	0	0	0	0	8132

AVERAGE HS (FT) = 0.89 LARGEST HS (FT) = 2.11 ANGLE CLASS % = 7.9

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			1677								1677
0.99			1413	4694							6107
1.49				3403	896						4299
1.99					794						794
2.49					47						47
2.99						6					6
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	3090	8097	1737	6	0	0	0	0	0

AVERAGE HS (FT) = 0.90 LARGEST HS (FT) = 3.29 ANGLE CLASS % = 12.9

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			1066								1066
0.99			679	2078							2757
1.49				1351	251						1602
1.99				156	197						353
2.49					47						47
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1745	3585	495	0	0	0	0	0	0

AVERAGE HS (FT) = 0.90 LARGEST HS (FT) = 2.29 ANGLE CLASS % = 5.8

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			760								760
0.99				2663							2663
1.49				489	1399						1888
1.99					740						740
2.49					163						163
2.99						13					13
3.49						6					6
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	760	3152	2302	19	0	0	0	0	0

AVERAGE HS (FT) = 1.00 LARGEST HS (FT) = 2.73 ANGLE CLASS % = 6.2

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			6	101							107
0.99					319	33					352
1.49					849	815					1664
1.99					828	183					1011
2.49							149				149
2.99							203				203
3.49							6				6
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	6	101	1996	1031	358	0	0	0	0

AVERAGE HS (FT) = 1.77 LARGEST HS (FT) = 3.14 ANGLE CLASS % = 3.5

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			13	108							121
0.99				1739							1739
1.49					1807						1807
1.99					760						760
2.49						156					156
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
TOTAL	0	0	13	1847	2567	156	0	0	0	0	

AVERAGE HS (FT) = 1.15 LARGEST HS (FT) = 2.46 ANGLE CLASS % = 4.6

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			1182								1182
0.99			679	747							1426
1.49				353	27						380
1.99					33						33
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
TOTAL	0	0	1861	1100	60	0	0	0	0	0	

AVERAGE HS (FT) = 0.64 LARGEST HS (FT) = 1.92 ANGLE CLASS % = 3.0

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49											2200
0.99		597	1603								2723
1.49			2010	713							455
1.99				455							27
2.49				27							0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
TOTAL	0	597	3613	1195	0	0	0	0	0	0	

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 1.58 ANGLE CLASS % = 5.4

STATION 15 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49											1969
0.99		346	1623								2058
1.49			1698	360							360
1.99				360							0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
TOTAL	0	346	3321	720	0	0	0	0	0	0	

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 1.48 ANGLE CLASS % = 4.4

STATION 15 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
5.0-5.9	2115
4.0-4.9	153	.	.	.	.	.	4138
3.0-3.9	.	.	1832	44	108	3	.	.	.	.	2035
2.0-2.9	.	186	1614	2413	908	.	.	.	.	.	864
1.0-1.9	.	.	.	1127	590	213	.	.	.	.	273
0.0-0.9	.	.	.	81	123	124	25	.	.	.	29
GREATER	3	.	.	.	0
TOTAL	0	186	3446	3665	1782	340	57	0	0	0	0

AVE HS(FT) = 0.84 LARGEST HS(FT) = 3.30 TOTAL CASES = 14720.

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49											5346
0.50-0.99		1379	3967	33							1201
1.00-1.49			1168	20							20
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	1379	5135	53	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.38 LARGEST HS(FT) = 1.10 ANGLE CLASS % = 6.6

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49											3001
0.50-0.99		658	2343	129							1277
1.00-1.49			1148								0
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	658	3491	129	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 0.98 ANGLE CLASS % = 4.3

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49											4782
0.50-0.99			4782	597							3185
1.00-1.49			2588	27							27
1.50-1.99					6						6
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	7370	624	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.61 ANGLE CLASS % = 8.0

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49											1358
0.50-0.99			1358	2024							3076
1.00-1.49			1052	244							264
1.50-1.99					20						20
2.00-2.49					6						6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	2410	2268	26	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 2.33 ANGLE CLASS % = 4.7

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	468							474
0.99					1209						1209
1.49					3016						3016
1.99				1324	495						2403
2.49						584					584
2.99						169					169
3.49							67				67
3.99							6				6
4.49								6			6
4.99									6		6
5.49										6	6
5.99											6
6.49											6
6.99											6
7.49											6
7.99											6
8.49											6
8.99											6
9.49											6
9.99											6
GREATER											0
TOTAL	0	0	6	1792	4720	753	73	6	0	0	0

AVERAGE HS(FT) = 1.27 LARGEST HS(FT) = 3.80 ANGLE CLASS % = 7.4

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			482	27	686						1195
0.99					509						509
1.49					815						815
1.99					156						244
2.49						88					88
2.99						54					54
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	482	27	2166	142	0	0	0	0	0

AVERAGE HS(FT) = 0.78 LARGEST HS(FT) = 2.48 ANGLE CLASS % = 2.8

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1182								1182
0.99			876	2214							3090
1.49				264	115						379
1.99					33						33
2.49											0
2.99							6				6
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	2058	2478	148	6	0	0	0	0	0

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 3.12 ANGLE CLASS % = 4.7

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			855								855
0.99			672	1773							2445
1.49				373	40						413
1.99					40						40
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1527	2146	86	0	0	0	0	0	0

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 2.40 ANGLE CLASS % = 3.8

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	.	6	461	.	.	.	.	.	.	467
0.99	.	.	.	4273	.	.	.	.	.	.	4273
1.49	3206	.	.	.	.	.	3206
1.99	421	.	.	.	.	.	421
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	6	4734	3627	0	0	0	0	0	0

AVERAGE HS(FT) = 0.97 LARGEST HS(FT) = 1.97 ANGLE CLASS % = 8.4

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	.	2486	.	.	.	.	.	.	.	2486
0.99	.	.	971	740	.	.	.	.	.	.	1711
1.49	.	.	.	81	.	.	.	.	.	.	81
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	3457	821	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.32 ANGLE CLASS % = 4.3

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	917	2778	.	.	.	.	.	.	.	3695
0.99	.	.	1263	115	.	.	.	.	.	.	1378
1.49	.	.	.	13	.	.	.	.	.	.	13
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	917	4041	128	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.40 LARGEST HS(FT) = 1.26 ANGLE CLASS % = 5.1

STATION 15 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	808	2330	.	.	.	.	.	.	.	3138
0.99	.	.	434	.	.	.	.	.	.	.	434
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	808	2764	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.36 LARGEST HS(FT) = 0.97 ANGLE CLASS % = 3.6

STATION 15 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	376	2841	118	68	.	.	.	.	.	3483
0.50 - 0.99	.	.	1279	2116	268	6	.	.	.	.	3669
1.00 - 1.49	.	.	.	284	803	.	.	.	.	.	1087
1.50 - 1.99	.	.	.	133	288	130	.	.	.	.	551
2.00 - 2.49	137	33	7	.	.	.	177
2.50 - 2.99	1	.	.	.	10
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	376	4120	2651	1564	169	8	0	0	0	14720

AVE HS(FT) = 0.63 LARGEST HS(FT) = 3.80 TOTAL CASES = 14720.

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		1346	5418								6764
0.50-0.49			4141	769							4910
1.00-0.49				769							769
1.50-0.49				20	13						33
2.00-0.49											0
2.50-0.49											0
3.00-0.49											0
3.50-0.49											0
4.00-0.49											0
4.50-0.49											0
5.00-0.49											0
5.00- GREATER											0
TOTAL	0	1346	9559	1558	13	0	0	0	0	0	0

AVERAGE HS(FT) = 0.54 LARGEST HS(FT) = 1.94 ANGLE CLASS % = 12.5

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		762	3468								4230
0.50-0.49			2809	714							3523
1.00-0.49				199							199
1.50-0.49											0
2.00-0.49											0
2.50-0.49											0
3.00-0.49											0
3.50-0.49											0
4.00-0.49											0
4.50-0.49											0
5.00-0.49											0
5.00- GREATER											0
TOTAL	0	762	6277	913	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.50 LARGEST HS(FT) = 1.47 ANGLE CLASS % = 8.0

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			5810								5810
0.50-0.49			4416	1751							6167
1.00-0.49				446							446
1.50-0.49					27						27
2.00-0.49											0
2.50-0.49											0
3.00-0.49											0
3.50-0.49											0
4.00-0.49											0
4.50-0.49											0
5.00-0.49											0
5.00- GREATER											0
TOTAL	0	0	10226	2197	27	0	0	0	0	0	0

AVERAGE HS(FT) = 0.54 LARGEST HS(FT) = 1.55 ANGLE CLASS % = 12.5

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1538								1538
0.50-0.49			1332	4004							5336
1.00-0.49				673	260						933
1.50-0.49					616						616
2.00-0.49											0
2.50-0.49											0
3.00-0.49											0
3.50-0.49											0
4.00-0.49											0
4.50-0.49											0
5.00-0.49											0
5.00- GREATER											0
TOTAL	0	0	2870	4677	327	0	0	0	0	0	0

AVERAGE HS(FT) = 0.69 LARGEST HS(FT) = 2.41 ANGLE CLASS % = 7.9

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	302							308
0.99					1085						1085
1.49					4114						4114
1.99				1476	1092	1373					3941
2.49						728	206				934
2.99							82				82
3.49							13				13
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	6	1778	6291	2101	301	0	0	0	0

AVERAGE HS(FT) = 1.44 LARGEST HS(FT) = 3.35 ANGLE CLASS % = 10.5

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			700	48	652						1400
0.99					659						659
1.49					1380						1380
1.99					528	288					816
2.49						137					137
2.99							20				20
3.49							6				6
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	700	48	3219	425	26	0	0	0	0

AVERAGE HS(FT) = 0.96 LARGEST HS(FT) = 3.04 ANGLE CLASS % = 4.4

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1222								1222
0.99			892	2788							3680
1.49				556	288						844
1.99					192						192
2.49					27						27
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	2114	3344	507	0	0	0	0	0	0

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.22 ANGLE CLASS % = 6.0

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			755								755
0.99			576	1462							2038
1.49				631	75						706
1.99					171						171
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	1331	2093	259	0	0	0	0	0	0

AVERAGE HS(FT) = 0.77 LARGEST HS(FT) = 2.49 ANGLE CLASS % = 3.7

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	1140	.	.	.	.	.	.	.	1140
0.50-0.49	.	.	776	1717	.	.	.	.	.	.	2493
1.00-0.49	.	.	.	755	219	.	.	.	.	.	974
1.50-0.49	130	.	.	.	.	.	130
2.00-0.49	13	.	.	.	.	.	13
2.50-0.49	0
3.00-0.49	0
3.50-0.49	0
4.00-0.49	0
4.50-0.49	0
5.00-0.49	0
5.50-0.49	0
6.00-0.49	0
6.50-0.49	0
7.00-0.49	0
7.50-0.49	0
8.00-0.49	0
8.50-0.49	0
9.00-0.49	0
GREATER	0
TOTAL	0	0	1916	2472	362	0	0	0	0	0	0

AVERAGE HS (FT) = 0.74 LARGEST HS (FT) = 2.07 ANGLE CLASS % = 4.8

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	810	.	.	.	.	.	.	.	810
0.50-0.49	.	.	302	611	.	.	.	.	.	.	913
1.00-0.49	.	.	.	185	20	.	.	.	.	.	205
1.50-0.49	.	.	.	13	27	.	.	.	.	.	40
2.00-0.49	0
2.50-0.49	0
3.00-0.49	0
3.50-0.49	0
4.00-0.49	0
4.50-0.49	0
5.00-0.49	0
5.50-0.49	0
6.00-0.49	0
6.50-0.49	0
7.00-0.49	0
7.50-0.49	0
8.00-0.49	0
8.50-0.49	0
9.00-0.49	0
GREATER	0
TOTAL	0	0	1112	809	47	0	0	0	0	0	0

AVERAGE HS (FT) = 0.69 LARGEST HS (FT) = 1.83 ANGLE CLASS % = 2.0

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	549	.	.	.	.	.	.	.	549
0.50-0.49	.	.	.	1336	.	.	.	.	.	.	1336
1.00-0.49	.	.	.	151	226	.	.	.	.	.	377
1.50-0.49	13	69	.	.	.	.	82
2.00-0.49	0
2.50-0.49	0
3.00-0.49	0
3.50-0.49	0
4.00-0.49	0
4.50-0.49	0
5.00-0.49	0
5.50-0.49	0
6.00-0.49	0
6.50-0.49	0
7.00-0.49	0
7.50-0.49	0
8.00-0.49	0
8.50-0.49	0
9.00-0.49	0
GREATER	0
TOTAL	0	0	549	1490	328	0	0	0	0	0	0

AVERAGE HS (FT) = 0.74 LARGEST HS (FT) = 2.47 ANGLE CLASS % = 2.4

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	.	89	.	.	.	.	.	.	89
0.50-0.49	247	27	.	.	.	.	274
1.00-0.49	521	309	.	.	.	.	830
1.50-0.49	460	89	48	.	.	.	597
2.00-0.49	20	.	.	.	20
2.50-0.49	0
3.00-0.49	0
3.50-0.49	0
4.00-0.49	0
4.50-0.49	0
5.00-0.49	0
5.50-0.49	0
6.00-0.49	0
6.50-0.49	0
7.00-0.49	0
7.50-0.49	0
8.00-0.49	0
8.50-0.49	0
9.00-0.49	0
GREATER	0
TOTAL	0	0	0	89	1228	425	68	0	0	0	0

AVERAGE HS (FT) = 1.63 LARGEST HS (FT) = 2.74 ANGLE CLASS % = 1.8

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			6	267							273
0.5				1847							1847
1.0					1050						1050
1.5					199						199
2.0						20					20
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
TOTAL	0	0	6	2114	1249	20	0	0	0	0	0

AVERAGE HS(FT) = 0.94 LARGEST HS(FT) = 2.20 ANGLE CLASS % = 3.4

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			1243								1243
0.5			549	364							913
1.0				116	6						122
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
TOTAL	0	0	1792	480	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.48 ANGLE CLASS % = 2.3

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			755	2266							3021
0.5				1531	370						1901
1.0					144						144
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
TOTAL	0	755	3797	514	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.39 ANGLE CLASS % = 5.1

STATION 15 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			776	2342							3118
0.5				1517	254						1771
1.0					130						130
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.00											0
TOTAL	0	776	3859	384	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.35 ANGLE CLASS % = 5.0

STATION 15 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
5.0-5.49	.	364	2728	70	65	.	.	.	.	.	3227
4.5-4.99	.	.	1884	1799	199	2	.	.	.	.	3584
4.0-4.49	.	.	.	475	764	.	.	.	.	.	1234
3.5-3.99	.	.	.	151	305	197	.	.	.	.	653
3.0-3.49	53	97	25	.	.	.	175
2.5-2.99	12	.	.	.	22
2.0-2.49	2	.	.	.	0
1.5-1.99	0
1.0-1.49	0
0.5-0.99	0
0.0-0.49	0
TOTAL	0	364	4612	2495	1386	296	39	0	0	0	14560

AVE HS(FT) = 0.68 LARGEST HS(FT) = 3.35 TOTAL CASES = 14560.

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											5259
0.5		1023	4236	740							4516
1.0			3776	629							629
1.5				6	3						9
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	1023	8012	1375	3	0	0	0	0	0	0

AVERAGE HS (FT) = 0.55 LARGEST HS (FT) = 1.94 ANGLE CLASS % = 10.4

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											2867
0.5		492	2375	586							2754
1.0			2163	219							219
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	492	4543	805	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.53 LARGEST HS (FT) = 1.47 ANGLE CLASS % = 5.8

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											3997
0.5			3997	1324							4207
1.0			2883	273							273
1.5					15						15
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	6880	1597	15	0	0	0	0	0	0

AVERAGE HS (FT) = 0.54 LARGEST HS (FT) = 1.69 ANGLE CLASS % = 8.5

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											1057
0.5			1057	2539							3463
1.0			924	484	112						596
1.5					27						27
2.0					3						3
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	1981	3023	142	0	0	0	0	0	0

AVERAGE HS (FT) = 0.67 LARGEST HS (FT) = 2.41 ANGLE CLASS % = 5.1

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
WATER DEPTH = 10.50 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	5	296	781	.	.	.	.	.	301
0.99	2890	.	.	.	.	.	2890
1.49	.	.	.	1050	747	.	.	.	.	.	2741
1.99	944	.	.	.	.	944
2.49	533	138	.	.	.	671
2.99	49	.	.	.	49
3.49	1	.	.	1
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER	0	0	5	1346	4418	1477	193	1	0	0	0
TOTAL	0	0	5	1346	4418	1477	193	1	0	0	0

AVERAGE HS(FT) = 1.42 LARGEST HS(FT) = 3.80 ANGLE CLASS % = 7.4

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
WATER DEPTH = 10.50 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	504	37	604	.	.	.	.	.	1145
0.99	537	.	.	.	.	.	537
1.49	1288	.	.	.	.	.	1288
1.99	480	.	.	.	.	.	480
2.49	330	.	.	.	.	330
2.99	163	.	.	.	.	163
3.49	13	.	.	.	13
3.99	6	.	.	.	6
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER	0	0	504	37	2907	513	19	0	0	0	0
TOTAL	0	0	504	37	2907	513	19	0	0	0	0

AVERAGE HS(FT) = 1.02 LARGEST HS(FT) = 3.30 ANGLE CLASS % = 4.0

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
WATER DEPTH = 10.50 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	1062	.	.	.	.	.	.	.	1062
0.99	.	.	853	3004	.	.	.	.	.	.	3857
1.49	.	.	.	793	501	.	.	.	.	.	1284
1.99	393	.	.	.	.	.	393
2.49	41	.	.	.	.	.	41
2.99	1	.	.	.	.	1
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER	0	0	1915	3797	935	2	0	0	0	0	0
TOTAL	0	0	1915	3797	935	2	0	0	0	0	0

AVERAGE HS(FT) = 0.83 LARGEST HS(FT) = 3.12 ANGLE CLASS % = 6.7

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
WATER DEPTH = 10.50 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	797	.	.	.	.	.	.	.	797
0.99	.	.	728	2221	.	.	.	.	.	.	2949
1.49	.	.	.	1078	135	.	.	.	.	.	1213
1.99	268	.	.	.	.	.	268
2.49	25	.	.	.	.	.	25
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER	0	0	1525	3299	428	0	0	0	0	0	0
TOTAL	0	0	1525	3299	428	0	0	0	0	0	0

AVERAGE HS(FT) = 0.82 LARGEST HS(FT) = 2.49 ANGLE CLASS % = 5.3

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1534	.	.	.	.	.	.	.	1534
0.99	.	.	1255	3328	.	.	.	.	.	.	4583
1.49	.	.	.	1716	407	.	.	.	.	.	2123
1.99	373	.	.	.	.	.	373
2.49	5	.	.	.	.	.	5
2.99	1	.	.	.	.	1
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	2789	5044	820	1	0	0	0	0	0

AVERAGE HS(FT) = 0.80 LARGEST HS(FT) = 3.29 ANGLE CLASS % = 8.7

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1211	.	.	.	.	.	.	.	1211
0.99	.	.	590	1440	.	.	.	.	.	.	2030
1.49	.	.	.	636	97	.	.	.	.	.	733
1.99	.	.	.	73	106	.	.	.	.	.	179
2.49	13	.	.	.	.	.	13
2.99	1	1	.	.	.	.	2
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	1801	2199	217	1	0	0	0	0	0

AVERAGE HS(FT) = 0.79 LARGEST HS(FT) = 2.81 ANGLE CLASS % = 4.2

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	809	.	.	.	.	.	.	.	809
0.99	.	.	.	2489	.	.	.	.	.	.	2489
1.49	.	.	.	342	800	.	.	.	.	.	1142
1.99	349	.	.	.	.	.	349
2.49	61	3	.	.	.	.	64
2.99	3	3	.	.	.	.	6
3.49	1	.	.	.	.	1
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	809	2831	1213	7	0	0	0	0	0

AVERAGE HS(FT) = 0.87 LARGEST HS(FT) = 3.39 ANGLE CLASS % = 4.9

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	3	128	.	.	.	.	.	.	131
0.99	468	41	.	.	.	.	509
1.49	879	590	.	.	.	.	1469
1.99	824	172	.	.	.	.	1081
2.49	85	.	.	.	85
2.99	83	.	.	.	83
3.49	3	.	.	.	3
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	3	128	2171	803	171	0	0	0	0

AVERAGE HS(FT) = 1.65 LARGEST HS(FT) = 3.22 ANGLE CLASS % = 3.3

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			8	253							261
0.99				2520							2320
1.49					1901						1601
1.99					547						547
2.49						82					82
2.99						3					3
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	8	2573	2448	85	0	0	0	0	0

AVERAGE HS(FT) = 1.04 LARGEST HS(FT) = 2.59 ANGLE CLASS % = 5.1

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1452								1452
0.99			691	638							1329
1.49				242	20						262
1.99					20						20
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	2143	880	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.57 LARGEST HS(FT) = 1.92 ANGLE CLASS % = 3.1

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		691	2138								2829
0.99			1753	513							2266
1.49				328							328
1.99				11	6						17
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	691	3891	852	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.96 ANGLE CLASS % = 5.4

STATION 15 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		590	2044								2634
0.99			1524	345							1869
1.49				266	3						269
1.99											
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	590	3568	614	0	0	0	0	0	0	0

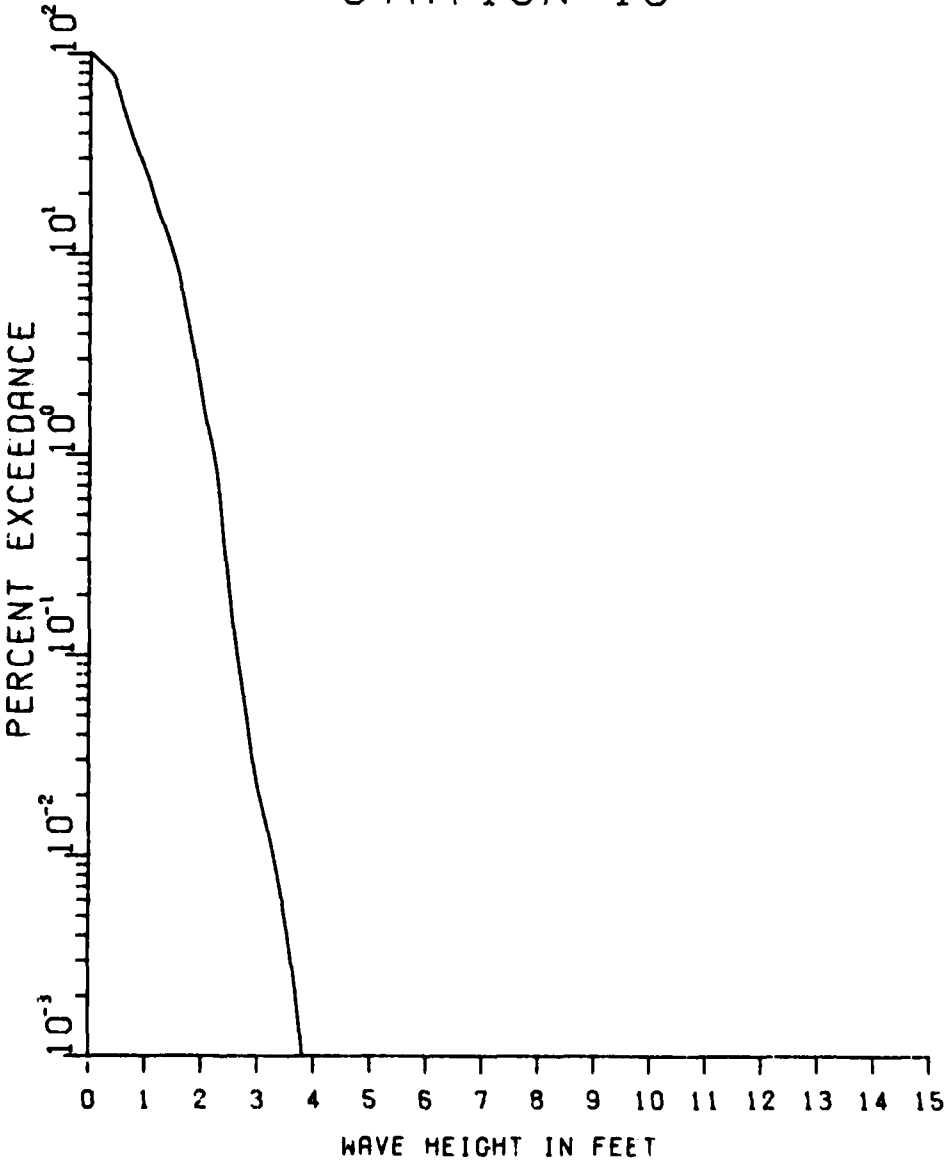
AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.61 ANGLE CLASS % = 4.8

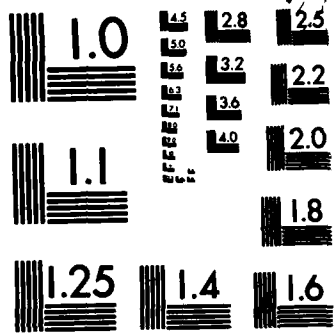
STATION 15 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 10.50 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	279	2324	71	60	.	.	.	.	.	2734
1.00 - 0.99	.	.	1715	2149	178	4	.	.	.	.	4046
1.50 - 1.49	.	.	.	706	815	.	.	.	.	.	1521
2.00 - 1.99	.	.	.	114	421	186	.	.	.	.	721
2.50 - 2.49	100	97	22	.	.	.	219
3.00 - 2.99	1	1	14	.	.	.	16
3.50 - 3.49	1	.	.	.	1
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	279	4039	3040	1575	288	37	0	0	0	58440

AVE HS (FT) = 0.74 LARGEST HS (FT) = 3.80 TOTAL CASES = 58440

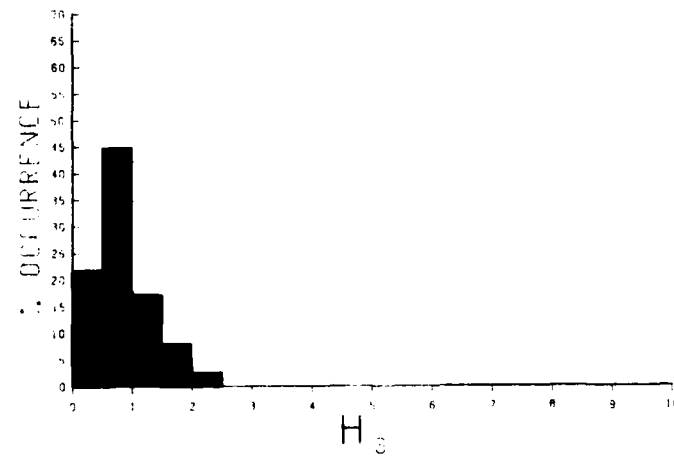
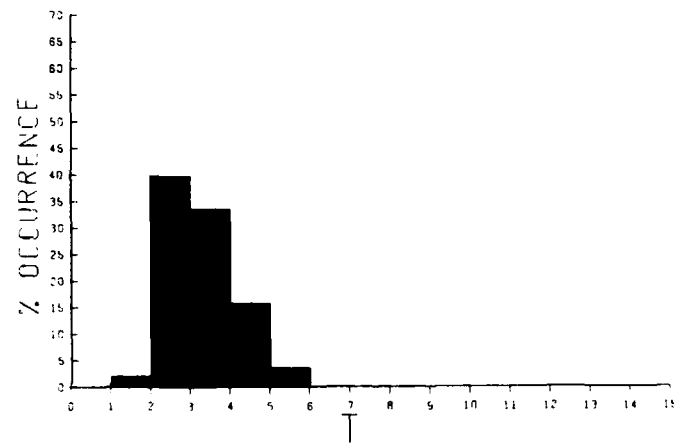
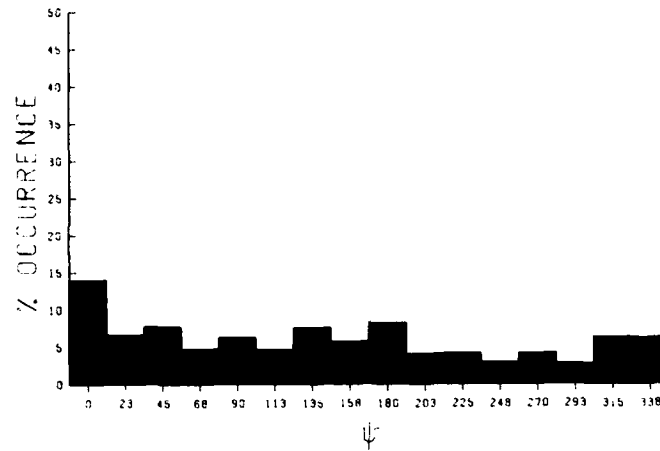
STATION 15



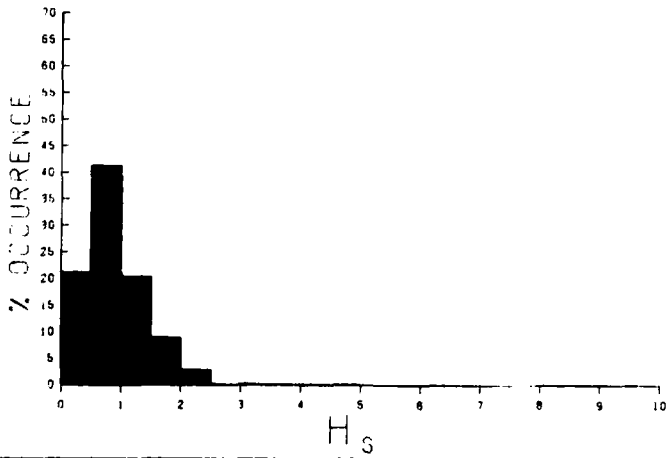
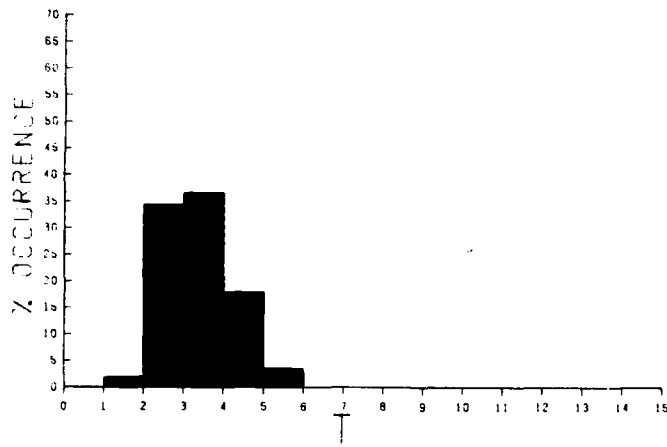
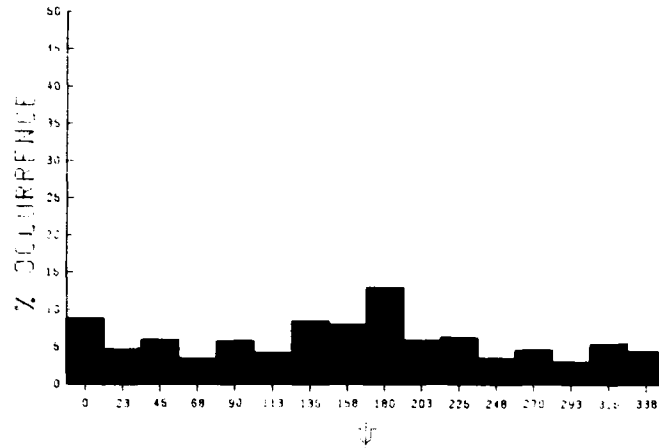


MICROCOPY RESOLUTION TEST CHART
 NATIONAL BUREAU OF STANDARDS-1963-A

STATION 15
 DEC. - FEB.
 14440 CASES



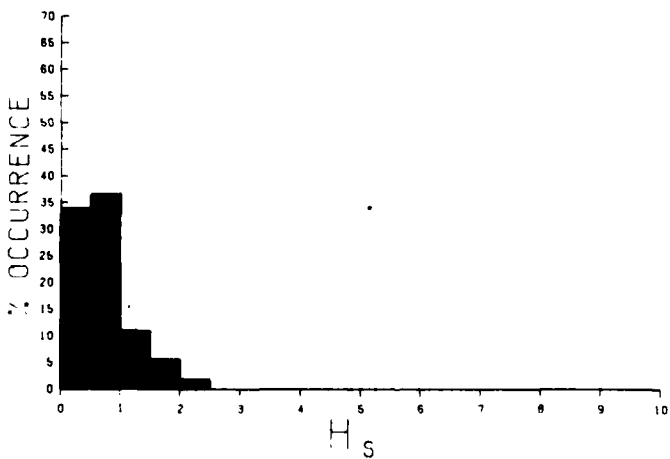
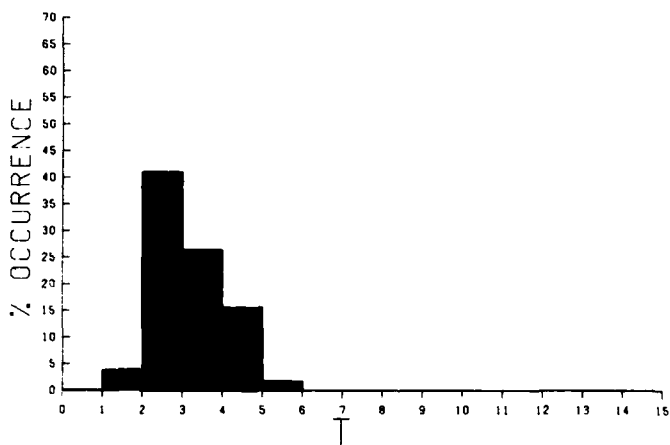
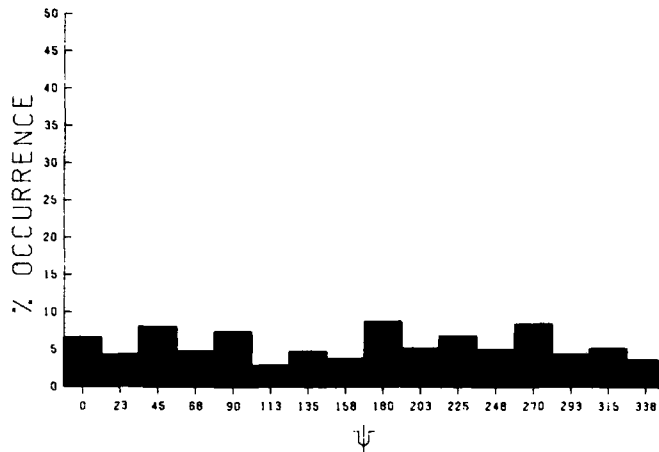
STATION 15
 MAR. - MAY
 14000 CASES



STATION 15

JUN. - AUG.

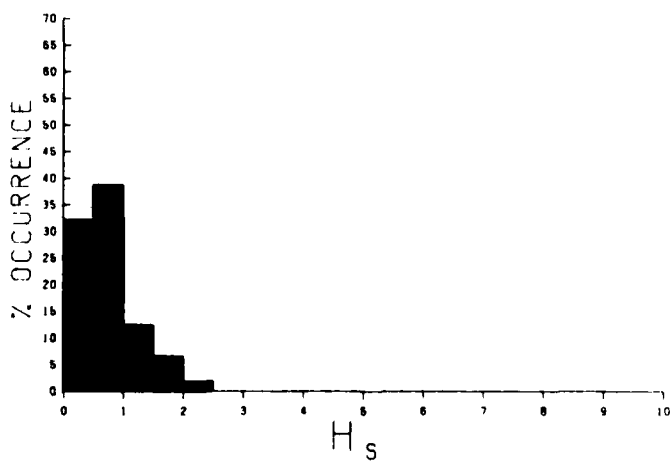
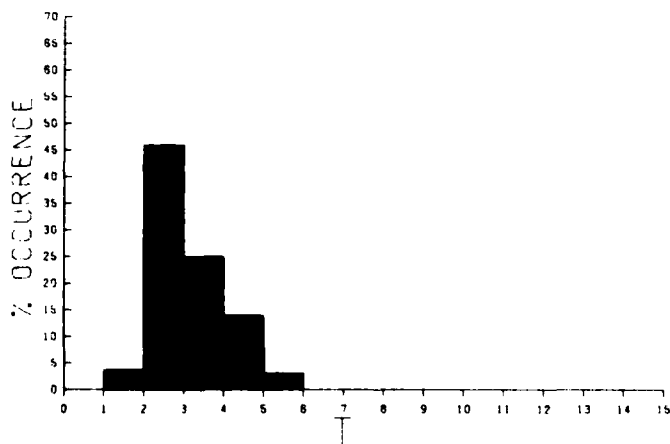
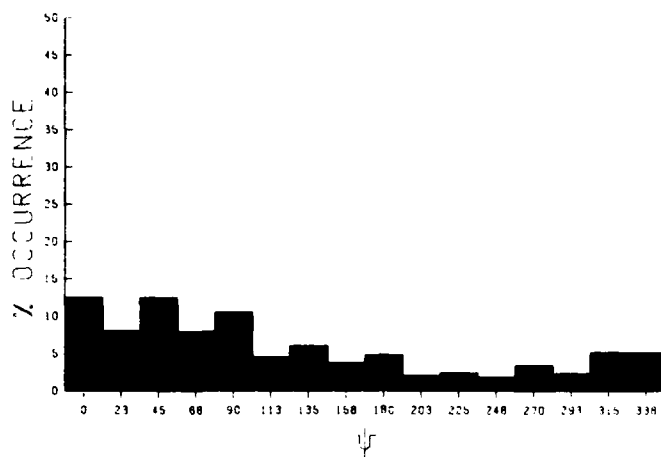
14720 CASES



STATION 15

SEP. - NOV.

14560 CASES

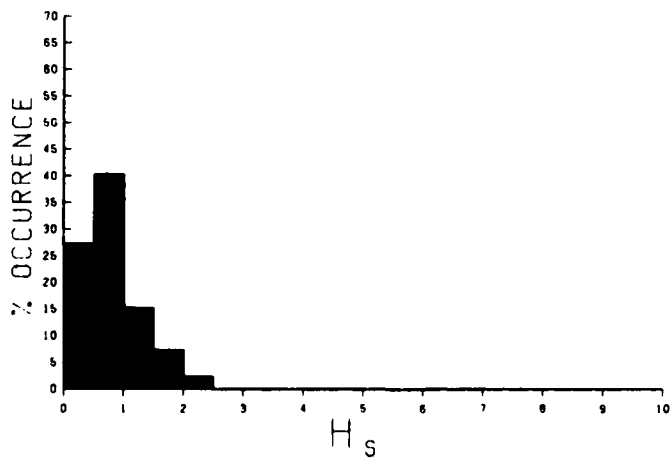
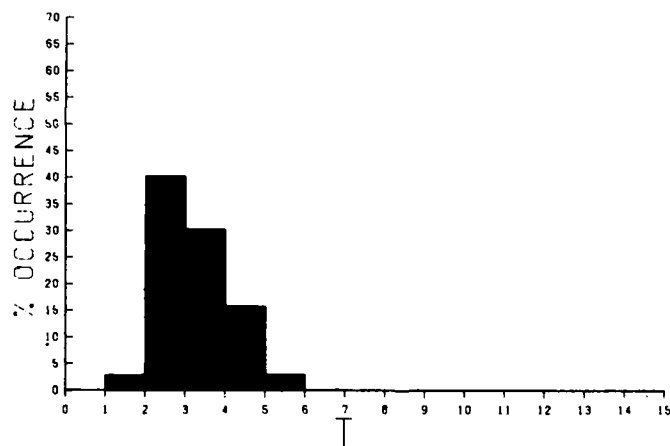
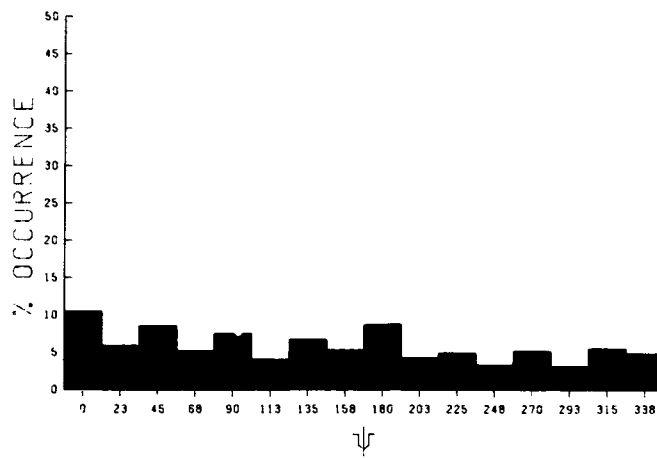


E100

STATION 15

JAN. - DEC.

58440 CASES



E101

MEAN HS(FEET) BY MONTH AND YEAR

STATION 15

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.4	0.5	0.5	0.6	0.6	0.6
1957	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.7	0.6	0.7	0.7	0.7	0.7
1958	0.8	0.7	0.7	1.0	0.8	0.7	0.7	0.6	0.8	0.7	0.9	0.8	0.8
1959	0.8	0.9	1.0	0.9	0.8	0.8	0.7	0.8	0.9	0.9	0.9	1.0	0.9
1960	0.9	1.0	1.0	0.9	0.8	0.7	0.8	0.7	0.7	0.6	0.7	0.8	0.8
1961	0.8	1.1	1.0	1.0	0.8	0.7	0.7	0.6	0.8	0.8	0.8	0.9	0.8
1962	1.0	1.0	1.0	0.9	0.7	0.6	0.6	0.6	0.6	0.5	0.6	0.6	0.7
1963	0.6	0.7	0.7	0.8	0.7	0.7	0.6	0.5	0.6	0.6	0.8	0.8	0.7
1964	0.9	1.1	1.1	1.1	0.8	0.7	0.8	0.6	0.8	0.9	0.8	0.9	0.9
1965	1.0	1.1	1.0	1.0	0.9	0.8	0.6	0.6	0.9	0.8	0.8	0.8	0.9
1966	0.8	1.0	1.0	1.2	1.0	0.7	0.7	0.5	0.5	0.6	0.7	0.9	0.8
1967	0.7	0.8	0.9	0.9	0.8	0.8	0.7	0.5	0.7	0.6	0.7	0.8	0.7
1968	0.7	0.7	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.8	0.7
1969	0.9	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.8	0.6	0.8	0.7
1970	0.7	0.8	0.8	0.9	0.7	0.7	0.6	0.6	0.7	0.8	0.8	0.8	0.7
1971	0.6	1.0	1.1	1.0	0.8	0.8	0.7	0.8	0.7	0.4	0.7	0.8	0.8
1972	0.8	0.6	0.8	0.8	0.7	0.8	0.7	0.6	0.6	0.7	0.7	0.7	0.7
1973	0.8	0.7	1.0	0.9	0.9	0.6	0.5	0.5	0.7	0.6	0.8	1.0	0.8
1974	0.7	0.8	0.8	0.9	0.8	0.6	0.6	0.5	0.6	0.6	0.6	0.8	0.7
1975	0.7	0.8	0.9	0.8	0.6	0.7	0.6	0.5	0.5	0.5	0.7	0.7	0.7
MEAN	0.8	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.7	0.7	0.7	0.8	

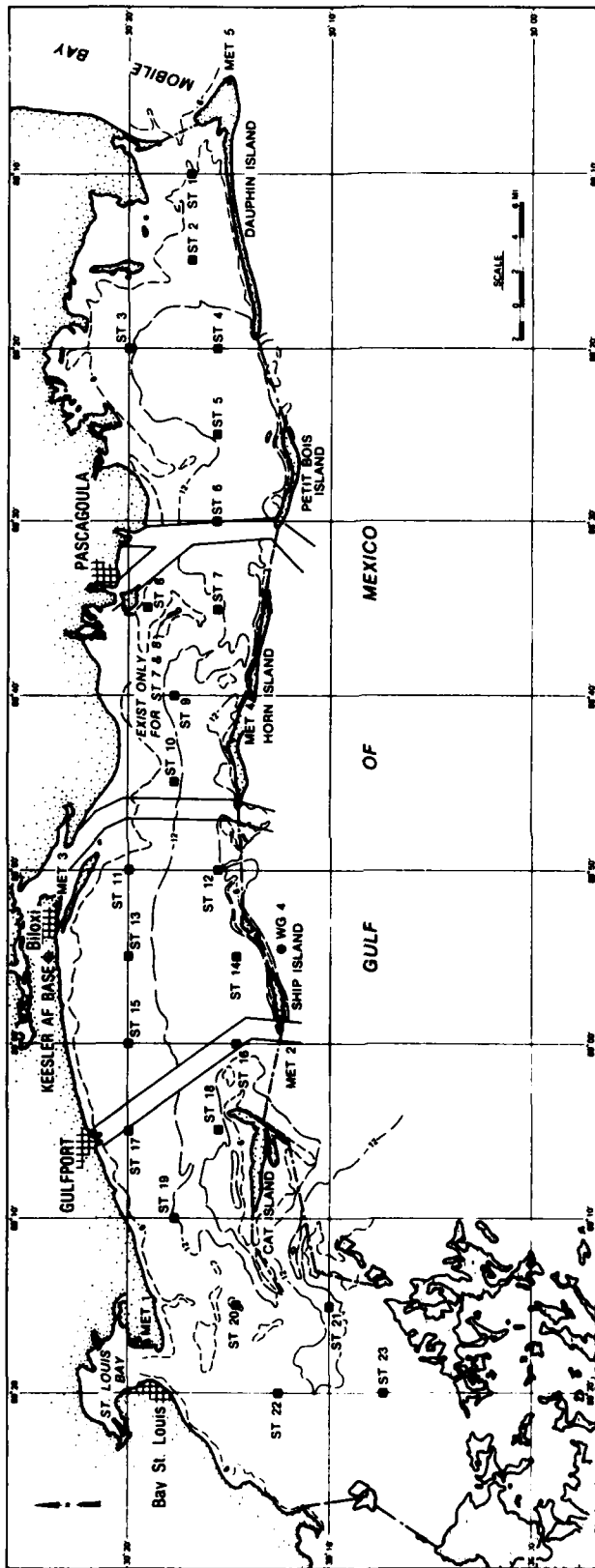
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 15

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.1	1.8	2.1	2.4	1.9	2.3	2.3	2.1	2.3	2.1	2.1	2.3
1957	2.3	2.1	2.3	2.0	2.2	2.0	1.9	2.4	2.8	2.2	2.2	2.3
1958	2.6	2.6	2.3	3.3	2.7	2.2	2.2	1.8	2.7	2.2	2.4	2.3
1959	3.0	2.4	2.9	2.3	2.2	2.5	2.4	2.4	2.9	2.7	2.6	2.5
1960	2.7	3.4	2.9	2.6	2.5	2.4	2.2	2.2	3.0	2.1	2.4	2.4
1961	2.4	3.2	3.3	3.1	2.2	2.5	2.2	2.2	2.5	2.8	2.4	2.4
1962	2.4	2.3	2.9	2.2	2.2	2.2	2.0	2.0	2.2	2.0	2.3	2.2
1963	2.4	2.6	2.9	2.2	2.2	2.2	2.2	2.2	2.6	2.2	2.7	2.2
1964	2.6	2.9	3.3	2.7	2.6	2.2	2.2	2.2	2.4	2.5	2.0	2.7
1965	2.6	2.4	2.6	2.2	2.2	2.4	2.2	2.0	3.3	2.4	2.6	1.9
1966	2.2	2.7	2.2	2.7	2.6	2.4	2.2	2.2	1.9	2.2	2.2	2.1
1967	2.0	2.2	2.5	2.4	2.4	2.2	2.6	2.0	2.1	2.8	2.3	2.9
1968	2.2	2.2	2.6	2.2	2.2	2.2	2.2	2.0	2.0	1.9	2.1	2.2
1969	2.7	2.6	2.8	2.8	2.4	2.2	2.2	3.8	2.0	2.2	2.4	2.4
1970	2.1	2.6	2.5	2.3	2.2	2.2	2.2	2.2	2.2	2.5	2.2	2.6
1971	2.4	2.6	2.8	2.4	2.7	2.8	2.2	2.2	2.2	2.0	2.5	2.2
1972	2.4	1.9	2.2	2.2	2.2	2.2	2.5	2.2	2.1	2.5	2.4	1.8
1973	2.5	2.4	2.9	2.7	2.6	2.2	2.2	2.2	2.2	2.3	2.0	2.6
1974	2.0	2.7	3.3	2.6	2.2	2.0	2.2	1.9	2.2	2.0	2.4	2.2
1975	1.9	2.2	2.5	2.2	2.2	2.2	2.0	2.2	1.9	2.2	2.2	2.6

LARGEST HS(FEET) FOR STATION 15 = 3.8



STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			900								900
0.5-0.49			948	3871							4819
1.0-0.49				3289	1793						5082
1.5-0.49					2188						2188
2.0-0.49					2906						2906
2.5-0.49											0
3.0-0.49											0
3.5-0.49											0
4.0-0.49											0
4.5-0.49											0
5.0-0.49											0
5.5-0.49											0
6.0-0.49											0
6.5-0.49											0
7.0-0.49											0
7.5-0.49											0
8.0-0.49											0
8.5-0.49											0
9.0-0.49											0
GREATER											0
TOTAL	0	0	1848	7160	4277	0	0	0	0	0	0

AVERAGE HS (FT) = 1.08 LARGEST HS (FT) = 2.50 ANGLE CLASS % = 13.3

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			55								55
0.5-0.49			34	1551							1585
1.0-0.49				1350	1883						3233
1.5-0.49					1551						1551
2.0-0.49					193						193
2.5-0.49											0
3.0-0.49											0
3.5-0.49											0
4.0-0.49											0
4.5-0.49											0
5.0-0.49											0
5.5-0.49											0
6.0-0.49											0
6.5-0.49											0
7.0-0.49											0
7.5-0.49											0
8.0-0.49											0
8.5-0.49											0
9.0-0.49											0
GREATER											0
TOTAL	0	0	89	2901	3627	0	0	0	0	0	0

AVERAGE HS (FT) = 1.24 LARGEST HS (FT) = 2.31 ANGLE CLASS % = 6.6

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49				83							83
0.5-0.49				2804							2804
1.0-0.49				221	3220						3441
1.5-0.49					1343						1343
2.0-0.49					76	13					89
2.5-0.49						6					6
3.0-0.49											0
3.5-0.49											0
4.0-0.49											0
4.5-0.49											0
5.0-0.49											0
5.5-0.49											0
6.0-0.49											0
6.5-0.49											0
7.0-0.49											0
7.5-0.49											0
8.0-0.49											0
8.5-0.49											0
9.0-0.49											0
GREATER											0
TOTAL	0	0	0	3108	4639	19	0	0	0	0	0

AVERAGE HS (FT) = 1.18 LARGEST HS (FT) = 2.52 ANGLE CLASS % = 7.8

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			117	41	505						663
0.5-0.49					657						657
1.0-0.49					2358						2358
1.5-0.49					1218						1218
2.0-0.49						110					110
2.5-0.49						27					27
3.0-0.49								13			13
3.5-0.49											0
4.0-0.49											0
4.5-0.49											0
5.0-0.49											0
5.5-0.49											0
6.0-0.49											0
6.5-0.49											0
7.0-0.49											0
7.5-0.49											0
8.0-0.49											0
8.5-0.49											0
9.0-0.49											0
GREATER											0
TOTAL	0	0	117	41	4748	393	13	0	0	0	0

AVERAGE HS (FT) = 1.28 LARGEST HS (FT) = 2.94 ANGLE CLASS % = 5.3

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
WATER DEPTH = 16.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			13	235	463	768	713				248
0.99											1344
1.49								713			713
1.99											0
2.49											0
2.99						789					789
3.49							1267				1267
3.99							893				893
4.49							145	117			262
4.99								110			110
5.00 - GREATER	0	0	13	235	463	1557	3018	940	0	0	
AVERAGE HS(FT) = 2.46 LARGEST HS(FT) = 6.33 ANGLE CLASS % = 6.2											

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
WATER DEPTH = 16.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1925	962							1925
0.99			1627	429							2589
1.49											429
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	0	3552	1391	0	0	0	0	0	0	
AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 4.9											

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
WATER DEPTH = 16.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1419	2963	367							4382
0.99			3095	304							3462
1.49				6							304
1.99											6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	1419	6058	677	0	0	0	0	0	0	
AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.65 ANGLE CLASS % = 8.2											

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
WATER DEPTH = 16.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		2112	1849								3961
0.99			2070	117							2070
1.49											117
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	2112	3919	117	0	0	0	0	0	0	
AVERAGE HS(FT) = 0.43 LARGEST HS(FT) = 1.27 ANGLE CLASS % = 6.1											

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											5892
0.5-0.99		4127	1765								5054
1.0-1.49			3054								131
1.5-1.99				131							13
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	4127	4819	144	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.41 LARGEST HS(FT) = 1.69 ANGLE CLASS % = 9.1

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											2437
0.5-0.99		1447	990								1731
1.0-1.49			1731								76
1.5-1.99				76							6
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	1447	2721	82	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.63 ANGLE CLASS % = 4.3

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											2817
0.5-0.99		1329	1488								1592
1.0-1.49			1509	83							90
1.5-1.99				90							6
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	1329	2997	179	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.71 ANGLE CLASS % = 4.5

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											1661
0.5-0.99		415	1246								1052
1.0-1.49			914	138							110
1.5-1.99				110							0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.99											0
6.0-6.99											0
7.0-7.99											0
8.0-8.99											0
9.0-9.99											0
GREATER											0
TOTAL	0	415	2160	248	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 2.8

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			6	138							144
0.5-0.99				1488							1488
1.0-1.49				401	1461						1862
1.5-1.99					470						504
2.0-2.49					55	34					75
2.5-2.99						20					0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	6	2027	1986	54	0	0	0	0	0

AVERAGE HS(FT) = 1.10 LARGEST HS(FT) = 2.35 ANGLE CLASS % = 4.1

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				145							145
0.5-0.99				505	339						844
1.0-1.49					976						976
1.5-1.99					574						670
2.0-2.49						166					166
2.5-2.99						6					6
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	0	650	1889	268	0	0	0	0	0

AVERAGE HS(FT) = 1.22 LARGEST HS(FT) = 2.53 ANGLE CLASS % = 2.8

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			200								200
0.5-0.99				2292							2292
1.0-1.49				817	1599						2416
1.5-1.99					1246						1246
2.0-2.49					242						242
2.5-2.99						20					20
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	200	3109	3087	26	0	0	0	0	0

AVERAGE HS(FT) = 1.18 LARGEST HS(FT) = 2.71 ANGLE CLASS % = 6.4

STATION 16 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			491								491
0.5-0.99			353	2056							2409
1.0-1.49				872	872						1744
1.5-1.99					990						990
2.0-2.49					90						90
2.5-2.99					13						13
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	844	2928	1965	0	0	0	0	0	0

AVERAGE HS(FT) = 1.06 LARGEST HS(FT) = 2.51 ANGLE CLASS % = 5.7

STATION 16 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	1085	1401	64	50						2600
0.99	.	.	1533	1612	146	76	71	.	.	.	3438
1.49	.	.	.	821	1417	.	.	71	.	.	2309
1.99	.	.	.	3	953	24	.	.	.	.	985
2.49	94	46	.	.	.	.	140
2.99	2	6	1	.	.	.	9
3.49	78	.	.	.	.	78
3.99	126	.	.	.	126
4.49	89	.	.	.	89
4.99	14	11	.	.	25
5.49	11	.	.	11
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	1085	2934	2500	2667	230	301	93	0	0	14440

AVE HS(FT) = 0.94 LARGEST HS(FT) = 6.33 TOTAL CASES = 14440.

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	699	.	.	.	.	.	.	.	699
0.50-0.99	.	.	930	2866	.	.	.	.	.	.	3796
1.00-1.49	.	.	.	1800	937	.	.	.	.	.	2737
1.50-1.99	930	.	.	.	.	.	930
2.00-2.49	47	.	.	.	.	.	47
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	1629	4666	1914	0	0	0	0	0	0

AVERAGE HS(FT) = 0.96 LARGEST HS(FT) = 2.31 ANGLE CLASS % = 8.2

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	27	.	.	.	.	.	.	.	27
0.50-0.99	.	.	.	1446	.	.	.	.	.	.	1446
1.00-1.49	.	.	.	1073	1195	.	.	.	.	.	2268
1.50-1.99	828	.	.	.	.	.	828
2.00-2.49	101	.	.	.	.	.	101
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	33	2513	2124	0	0	0	0	0	0

AVERAGE HS(FT) = 1.17 LARGEST HS(FT) = 2.10 ANGLE CLASS % = 4.7

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	20	183	.	.	.	.	.	.	203
0.50-0.99	.	.	.	2432	.	.	.	.	.	.	2432
1.00-1.49	.	.	.	183	2364	.	.	.	.	.	2547
1.50-1.99	889	.	.	.	.	.	889
2.00-2.49	81	6	.	.	.	.	87
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	20	2798	3334	6	0	0	0	0	0

AVERAGE HS(FT) = 1.11 LARGEST HS(FT) = 2.37 ANGLE CLASS % = 6.2

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	81	20	360	.	.	.	.	.	461
0.50-0.99	550	.	.	.	.	.	550
1.00-1.49	1677	.	.	.	.	.	1677
1.50-1.99	896	61	.	.	.	.	957
2.00-2.49	183	.	.	.	.	183
2.50-2.99	6	.	.	.	.	6
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	81	20	3483	250	0	0	0	0	0

AVERAGE HS(FT) = 1.27 LARGEST HS(FT) = 2.52 ANGLE CLASS % = 3.8

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			13	176			672				189
0.99					366	631					1669
1.49							645				645
1.99											0
2.49											0
2.99						896					896
3.49							1182				1182
3.99							649				649
4.49							135	47			182
4.99								129			129
5.00											0
GREATER											0
TOTAL	0	0	13	176	366	1527	2838	821	0	0	129

AVERAGE HS (FT) = 2.53 LARGEST HS (FT) = 6.46 ANGLE CLASS % = 5.7

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1637								1637
0.99			1338	910							2248
1.49				455							455
1.99				6	20						26
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	2975	1371	20	0	0	0	0	0	0

AVERAGE HS (FT) = 0.65 LARGEST HS (FT) = 1.81 ANGLE CLASS % = 4.4

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49		1317	3016								4333
0.99			3797	475							4172
1.49				326							326
1.99				13							13
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	1317	6813	814	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.53 LARGEST HS (FT) = 1.60 ANGLE CLASS % = 8.9

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49		2357	2642								4999
0.99			3478								3478
1.49				156							156
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	2357	6120	156	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.46 LARGEST HS (FT) = 1.22 ANGLE CLASS % = 8.6

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2629								7921
0.5-0.99		5292	5991								5991
1.0-1.49				203							203
1.5-1.99				6							6
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	5292	8620	209	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.84 ANGLE CLASS % = 14.1

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1263								3430
0.5-0.99		2167	2730								2730
1.0-1.49				88							88
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	2167	3993	88	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.31 ANGLE CLASS % = 6.3

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1902								3851
0.5-0.99		1949	2520	108							2628
1.0-1.49				183							183
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	1949	4422	291	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.35 ANGLE CLASS % = 6.7

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1677								2071
0.5-0.99		394	998	149							1147
1.0-1.49				210							210
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	394	2675	359	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.50 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 3.4

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			13	88							101
0.50-0.99				1807							1807
1.00-1.49				577	1548						2125
1.50-1.99					448						448
2.00-2.49					47	40					87
2.50-2.99						13					13
3.00-3.49											
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.49											
5.50-5.99											
6.00-6.49											
6.50-6.99											
7.00-7.49											
7.50-7.99											
8.00-8.49											
8.50-8.99											
9.00-9.49											
9.50-9.99											
GREATER											
TOTAL	0	0	13	2472	2043	53	0	0	0	0	6000

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.23 ANGLE CLASS % = 4.6

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49				54							54
0.50-0.99				706	455						1161
1.00-1.49					1046						1046
1.50-1.99					625						625
2.00-2.49						74					74
2.50-2.99						6					6
3.00-3.49											
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.49											
5.50-5.99											
6.00-6.49											
6.50-6.99											
7.00-7.49											
7.50-7.99											
8.00-8.49											
8.50-8.99											
9.00-9.49											
9.50-9.99											
GREATER											
TOTAL	0	0	0	760	2126	188	0	0	0	0	6000

AVERAGE HS(FT) = 1.19 LARGEST HS(FT) = 2.59 ANGLE CLASS % = 3.1

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			81								81
0.50-0.99				2160							2160
1.00-1.49				638	1426						2064
1.50-1.99					1052						1052
2.00-2.49					129						129
2.50-2.99											
3.00-3.49											
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.49											
5.50-5.99											
6.00-6.49											
6.50-6.99											
7.00-7.49											
7.50-7.99											
8.00-8.49											
8.50-8.99											
9.00-9.49											
9.50-9.99											
GREATER											
TOTAL	0	0	81	2798	2607	0	0	0	0	0	6000

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.33 ANGLE CLASS % = 5.5

STATION 16 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			400								400
0.50-0.99			400	1610							2010
1.00-1.49				625	441						1066
1.50-1.99					591						591
2.00-2.49					54						54
2.50-2.99											
3.00-3.49											
3.50-3.99											
4.00-4.49											
4.50-4.99											
5.00-5.49											
5.50-5.99											
6.00-6.49											
6.50-6.99											
7.00-7.49											
7.50-7.99											
8.00-8.49											
8.50-8.99											
9.00-9.49											
9.50-9.99											
GREATER											
TOTAL	0	0	800	2235	1086	0	0	0	0	0	6000

AVERAGE HS(FT) = 0.99 LARGEST HS(FT) = 2.33 ANGLE CLASS % = 4.1

STATION 16 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	1347	1610	52	36	63	67	.	.	.	3045
1.00 - 0.99	.	.	2219	1455	137	.	.	.	.	.	4952
1.50 - 1.49	.	.	.	652	1063	17	.	64	.	.	1779
2.00 - 2.49	.	.	.	2	628	31	.	.	.	.	647
2.50 - 2.99	46	1	.	.	.	.	77
3.00 - 3.49	89	.	.	.	.	1
3.50 - 3.99	118	.	.	.	89
4.00 - 4.49	84	.	.	.	118
4.50 - 4.99	13	4	.	.	24
5.00 - GREATER	12	.	.	17
TOTAL	0	1347	3829	2172	1910	201	282	80	0	0	12

AVE HS(FT) = 0.84 LARGEST HS(FT) = 6.46 TOTAL CASES = 14720.

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1317								1317
0.50-0.99			1039	2302							3341
1.00-1.49				509							604
1.50-1.99					95						54
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	2356	2811	149	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.84 ANGLE CLASS % = 5.3

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			197								197
0.50-0.99				2343							2343
1.00-1.49				1019	774						1793
1.50-1.99					142						142
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	203	3362	916	0	0	0	0	0	0

AVERAGE HS(FT) = 0.93 LARGEST HS(FT) = 1.79 ANGLE CLASS % = 4.5

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			20	400							420
0.50-0.99				4809							4809
1.00-1.49				122	2812						2934
1.50-1.99					339						339
2.00-2.49					6	6					12
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	20	5331	3157	6	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 2.45 ANGLE CLASS % = 8.5

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			237	27	855						1119
0.50-0.99					1311						1311
1.00-1.49					2561						2561
1.50-1.99					706						706
2.00-2.49						61					61
2.50-2.99						61					61
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	237	27	5433	122	6	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 3.39 ANGLE CLASS % = 5.8

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			33	468							501
0.50-0.99					1209	1324	1317				3850
1.00-1.49								944			944
1.50-1.99											0
2.00-2.49											0
2.50-2.99						754					754
3.00-3.49							896				896
3.50-3.99							326				326
4.00-4.49							27	47			74
4.50-4.99								27			27
5.00-5.49										6	6
5.50-5.99										6	6
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	33	468	1209	2078	2566	1018	0	6	6

AVERAGE HS (FT) = 1.62 LARGEST HS (FT) = 5.53 ANGLE CLASS % = 7.4

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2262								2262
0.50-0.99			815	230							1045
1.00-1.49				67							67
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	3077	297	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.48 LARGEST HS (FT) = 1.35 ANGLE CLASS % = 3.4

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		1949	2330								4279
0.50-0.99			1188	33							1221
1.00-1.49				6							6
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	1949	3518	39	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.37 LARGEST HS (FT) = 1.97 ANGLE CLASS % = 5.5

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		2404	1542								3946
0.50-0.99			685								686
1.00-1.49				6							6
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	2404	2228	6	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.32 LARGEST HS (FT) = 1.37 ANGLE CLASS % = 4.6

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0											9272
0.5											1637
1.0											27
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
GREATER	0	7296	3613	27	0	0	0	0	0	0	0
TOTAL	0	7296	3613	27	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.29 LARGEST HS (FT) = 1.13 ANGLE CLASS % = 10.9

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0											5237
0.5											869
1.0											13
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
GREATER	0	4191	1915	13	0	0	0	0	0	0	0
TOTAL	0	4191	1915	13	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.29 LARGEST HS (FT) = 1.08 ANGLE CLASS % = 6.1

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0											6956
0.5											1270
1.0											0
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
GREATER	0	4341	3885	0	0	0	0	0	0	0	0
TOTAL	0	4341	3885	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.32 LARGEST HS (FT) = 0.87 ANGLE CLASS % = 8.2

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0											3940
0.5											746
1.0											6
1.5											6
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
GREATER	0	1046	3634	12	0	0	0	0	0	0	0
TOTAL	0	1046	3634	12	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.36 LARGEST HS (FT) = 1.00 ANGLE CLASS % = 4.7

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			6	373							379
0.50-0.99				4544							4544
1.00-1.49				1046	2282						3328
1.50-1.99					115						115
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	6	5963	2397	0	0	0	0	0	0
TOTAL	0	0	6	5963	2397	0	0	0	0	0	0

AVERAGE HS(FT) = 0.92 LARGEST HS(FT) = 1.81 ANGLE CLASS % = 8.4

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49				278							278
0.50-0.99				1691	740						2431
1.00-1.49					1437						1437
1.50-1.99					332	20					352
2.00-2.49						6					6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	0	1969	2559	26	0	0	0	0	0
TOTAL	0	0	0	1969	2559	26	0	0	0	0	0

AVERAGE HS(FT) = 0.96 LARGEST HS(FT) = 2.02 ANGLE CLASS % = 4.6

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			407								407
0.50-0.99				3641							3641
1.00-1.49				584	754						1338
1.50-1.99					101	6					107
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	407	4225	861	0	0	0	0	0	0
TOTAL	0	0	407	4225	861	0	0	0	0	0	0

AVERAGE HS(FT) = 0.87 LARGEST HS(FT) = 2.00 ANGLE CLASS % = 5.5

STATION 16 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1012								1012
0.50-0.99			489	1134							1623
1.00-1.49				135	54						189
1.50-1.99					6						6
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	1501	1269	60	0	0	0	0	0	0
TOTAL	0	0	1501	1269	60	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.59 ANGLE CLASS % = 2.8

STATION 16 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	2122	1790	154	85						4151
0.5-0.99	.		874	2074	326	132	131	.	.	.	3537
1.0-1.49	.			353	1082			94	.	.	1529
1.5-1.99	.				180	8		.	.	.	188
2.0-2.49	.				1	7		.	.	.	8
2.5-2.99	.					75		.	.	.	75
3.0-3.49	.						89	.	.	.	89
3.5-3.99	.						32	.	.	.	32
4.0-4.49	.						2	4	.	.	6
4.5-4.99	.							2	.	.	2
5.0-5.49	.								4	.	4
5.5-5.99	.								2	.	2
6.0-6.49	.									4	4
6.5-6.99	.									2	2
7.0-7.49	.									2	2
7.5-7.99	.									2	2
8.0-8.49	.									2	2
8.5-8.99	.									2	2
9.0-9.49	.									2	2
9.5-9.99	.									2	2
GREATER	.									2	2
TOTAL	0	2122	2664	2581	1674	222	254	100	0	0	14720

AVE HS (FT) = 0.67 LARGEST HS (FT) = 5.53 TOTAL CASES = 14720.

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1359								1359
0.50-0.99			1414	3894							5308
1.00-1.49				2293	940						3237
1.50-1.99					1167						1167
2.00-2.49					171						171
2.50-2.99						27					27
3.00-3.49						6					6
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	2773	6187	2278	33	0	0	0	0	11359

AVERAGE HS(FT) = 0.93 LARGEST HS(FT) = 3.21 ANGLE CLASS % = 11.3

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			164								164
0.50-0.99			27	3049							3076
1.00-1.49				1820	1998						3818
1.50-1.99					955						955
2.00-2.49					89						89
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	191	4869	3082	0	0	0	0	0	8164

AVERAGE HS(FT) = 1.08 LARGEST HS(FT) = 2.35 ANGLE CLASS % = 8.1

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			27	377							404
0.50-0.99				5721							5721
1.00-1.49				295	5013						5308
1.50-1.99					1311						1311
2.00-2.49					151						151
2.50-2.99						27					27
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	27	6393	6475	27	0	0	0	0	13252

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.38 ANGLE CLASS % = 12.9

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			377	34	1346						1757
0.50-0.99					1456						1456
1.00-1.49					3770						3770
1.50-1.99					2046						2046
2.00-2.49						144					144
2.50-2.99						391					391
3.00-3.49						48					48
3.50-3.99							6				6
4.00-4.49							6				6
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
10.00-GREATER											0
TOTAL	0	0	377	34	8618	583	18	0	0	0	9613

AVERAGE HS(FT) = 1.19 LARGEST HS(FT) = 3.51 ANGLE CLASS % = 9.6

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIPECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			6	302							308
0.50-0.99					1085	1476	1346				3907
1.00-1.49								1538			1538
1.50-1.99											0
2.00-2.49											0
2.50-2.99						1229					1229
3.00-3.49							1881				1881
3.50-3.99							1140				1140
4.00-4.49							171	144			315
4.50-4.99								151			151
5.00- GREATER									6		6
TOTAL	0	0	6	302	1085	2705	4533	1833	6	0	157

AVERAGE HS(FT) = 2.20 LARGEST HS(FT) = 6.70 ANGLE CLASS % = 10.5

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2575								2575
0.50-0.99			1380	721							2101
1.00-1.49				247							247
1.50-1.99				13							13
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	3955	981	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.65 ANGLE CLASS % = 4.9

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		1717	2692								4409
0.50-0.99			1991	130							2121
1.00-1.49				89							89
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	1717	4683	219	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.43 LARGEST HS(FT) = 1.40 ANGLE CLASS % = 6.6

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		1875	1236								3111
0.50-0.99			1078	41							1078
1.00-1.49											41
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	1875	2314	41	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.38 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 4.2

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		3066	947								4813
0.50-0.99			1291	27							1261
1.00-1.49											27
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	3866	2238	27	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.32 LARGEST HS(FT) = 1.13 ANGLE CLASS % = 6.1

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		1469	370								1839
0.50-0.99			473	13							473
1.00-1.49											13
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	1469	843	13	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.32 LARGEST HS(FT) = 1.03 ANGLE CLASS % = 2.3

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		1435	940								2375
0.50-0.99			439	27							466
1.00-1.49				13							13
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	1435	1379	40	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.34 LARGEST HS(FT) = 1.25 ANGLE CLASS % = 2.9

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		274	982								1256
0.50-0.99			393	48							466
1.00-1.49				20							20
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	274	1380	68	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 1.15 ANGLE CLASS % = 1.7

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	6	199	.	.	.	.	.	.	205
0.50 - 0.99	.	.	.	1984	.	.	.	.	.	.	1984
1.00 - 1.49	.	.	.	322	79	.	.	.	.	.	1118
1.50 - 1.99	75	.	.	.	.	.	75
2.00 - 2.49	6	.	.	.	.	.	6
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	6	2505	877	0	0	0	0	0	0

AVERAGE HS(FT) = 0.90 LARGEST HS(FT) = 2.00 ANGLE CLASS % = 3.4

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	.	116	.	.	.	.	.	.	116
0.50 - 0.99	.	.	.	831	412	.	.	.	.	.	1243
1.00 - 1.49	769	.	.	.	.	.	769
1.50 - 1.99	226	20	.	.	.	.	246
2.00 - 2.49	20	.	.	.	.	20
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	0	947	1407	40	0	0	0	0	0

AVERAGE HS(FT) = 1.00 LARGEST HS(FT) = 2.16 ANGLE CLASS % = 2.4

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	315	.	.	.	.	.	.	.	315
0.50 - 0.99	.	.	.	2973	.	.	.	.	.	.	2973
1.00 - 1.49	.	.	.	570	1016	.	.	.	.	.	1586
1.50 - 1.99	480	.	.	.	.	.	480
2.00 - 2.49	27	.	.	.	.	.	27
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	315	3543	1523	0	0	0	0	0	0

AVERAGE HS(FT) = 0.97 LARGEST HS(FT) = 2.13 ANGLE CLASS % = 5.4

STATION 16 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	583	.	.	.	.	.	.	.	583
0.50 - 0.99	.	.	686	1826	.	.	.	.	.	.	2512
1.00 - 1.49	.	.	.	473	336	.	.	.	.	.	809
1.50 - 1.99	329	.	.	.	.	.	329
2.00 - 2.49	20	.	.	.	.	.	20
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	1269	2299	685	0	0	0	0	0	0

AVERAGE HS(FT) = 0.85 LARGEST HS(FT) = 2.16 ANGLE CLASS % = 4.3

STATION 16 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00 - 0.49	.	1063	1258	103	134	.	.	.	.	.	2558
0.50 - 0.99	.	.	918	2120	295	147	134	.	.	.	2558
1.00 - 1.49	.	.	.	622	1464	16	.	153	.	.	2239
1.50 - 1.99	.	.	.	1	663	43	.	.	.	.	660
2.00 - 2.49	46	7	.	.	.	.	53
2.50 - 2.99	123	.	.	.	.	123
3.00 - 3.49	188	.	.	.	188
3.50 - 3.99	114	.	.	.	114
4.00 - 4.49	17	14	.	.	31
4.50 - 4.99	15	.	.	15
5.00 - GREATER	15
TOTAL	0	1063	2176	2846	2602	336	453	182	0	0	14560

AVE HS(FT) = 0.94 LARGEST HS(FT) = 6.70 TOTAL CASES = 14560.

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0 - 0.49			1069								1069
0.50 - 0.99			1083	3228							4311
1.00 - 1.49				1966							1966
1.50 - 1.99					937						937
2.00 - 2.49					1079						1079
2.50 - 2.99					126						126
3.00 - 3.49						6					6
3.50 - 3.99						1					1
4.00 - 4.49											
4.50 - 4.99											
5.00 - GREATER											
TOTAL	0	0	2152	5194	2143	7	0	0	0	0	1069

AVERAGE HS (FT) = 0.95 LARGEST HS (FT) = 3.21 ANGLE CLASS % = 9.5

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0 - 0.49			111								111
0.50 - 0.99			18	2096							2114
1.00 - 1.49				1314	1459						2773
1.50 - 1.99					876						876
2.00 - 2.49					95						95
2.50 - 2.99											
3.00 - 3.49											
3.50 - 3.99											
4.00 - 4.49											
4.50 - 4.99											
5.00 - GREATER											
TOTAL	0	0	129	3410	2430	0	0	0	0	0	111

AVERAGE HS (FT) = 1.11 LARGEST HS (FT) = 2.35 ANGLE CLASS % = 6.0

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0 - 0.49			17	261							278
0.50 - 0.99				3942							3942
1.00 - 1.49				205	3348						3553
1.50 - 1.99					968						968
2.00 - 2.49					78						78
2.50 - 2.99						13					13
3.00 - 3.49						1					1
3.50 - 3.99											
4.00 - 4.49											
4.50 - 4.99											
5.00 - GREATER											
TOTAL	0	0	17	4408	4394	14	0	0	0	0	278

AVERAGE HS (FT) = 1.07 LARGEST HS (FT) = 2.52 ANGLE CLASS % = 8.8

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0 - 0.49			203	30	766						999
0.50 - 0.99					994						994
1.00 - 1.49					2592						2592
1.50 - 1.99					1214						1214
2.00 - 2.49						94					94
2.50 - 2.99						222					222
3.00 - 3.49						20					20
3.50 - 3.99											
4.00 - 4.49											
4.50 - 4.99											
5.00 - GREATER											
TOTAL	0	0	203	30	5566	336	9	0	0	0	999

AVERAGE HS (FT) = 1.19 LARGEST HS (FT) = 3.51 ANGLE CLASS % = 6.1

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			17	296							313
0.50-0.99					781	1050	1013				2844
1.00-1.49								959			959
1.50-1.99											0
2.00-2.49											0
2.50-2.99						917					917
3.00-3.49							1305				1305
3.50-3.99							600				600
4.00-4.49							119	89			207
4.50-4.99								104			104
5.00 - GREATER									1	1	2
TOTAL	0	0	17	296	781	1967	3237	1151	1	1	10617

AVERAGE HS(FT) = 2.17 LARGEST HS(FT) = 6.70 ANGLE CLASS % = 7.5

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			2099								2099
0.50-0.99				704							1992
1.00-1.49				299							299
1.50-1.99				5	5						10
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00 - GREATER											0
TOTAL	0	0	3387	1008	5	0	0	0	0	0	4395

AVERAGE HS(FT) = 0.58 LARGEST HS(FT) = 1.81 ANGLE CLASS % = 4.4

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49											
0.50-0.99		1601	2749								4350
1.00-1.49			2517	251							2768
1.50-1.99				179							179
2.00-2.49				6							6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00 - GREATER											0
TOTAL	0	1601	5266	436	0	0	0	0	0	0	7303

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.97 ANGLE CLASS % = 7.3

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49											
0.50-0.99		2188	1818								4006
1.00-1.49			1829								1829
1.50-1.99				80							80
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00 - GREATER											0
TOTAL	0	2188	3647	80	0	0	0	0	0	0	5815

AVERAGE HS(FT) = 0.41 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 5.9

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			8	200							208
0.50-0.99				246							246
1.00-1.49				588	1524						2112
1.50-1.99					277	18					295
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	8	3250	1828	26	0	0	0	0	5112

AVERAGE HS(FT) = 0.98 LARGEST HS(FT) = 2.35 ANGLE CLASS % = 5.1

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49				148	487						148
0.50-0.99				936	1071						1423
1.00-1.49					439						1071
1.50-1.99						533					492
2.00-2.49						753					753
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	0	1084	1997	131	0	0	0	0	3212

AVERAGE HS(FT) = 1.08 LARGEST HS(FT) = 2.59 ANGLE CLASS % = 3.2

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			251								251
0.50-0.99				2768	1197						2768
1.00-1.49				651	718						1848
1.50-1.99					100						718
2.00-2.49						5					101
2.50-2.99											5
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	251	3419	2015	6	0	0	0	0	5731

AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 2.71 ANGLE CLASS % = 5.7

STATION 16 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			622								622
0.50-0.99			432	1654							2136
1.00-1.49				525	424						949
1.50-1.99					477						477
2.00-2.49					41						41
2.50-2.99					3						3
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	1104	2179	945	0	0	0	0	0	4228

AVERAGE HS(FT) = 0.91 LARGEST HS(FT) = 2.51 ANGLE CLASS % = 4.2

STATION 16 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 16.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1407	1516	93	76						3092
0.50-0.99	.		1387	1813	276	105	101	.	.	.	3637
1.00-1.49	.	.	.	611	1256	16	.	95	.	.	1981
1.50-1.99	.	.	.	2	605	32	.	.	.	.	623
2.00-2.49	47	33	.	.	.	.	79
2.50-2.99	91	.	.	.	.	91
3.00-3.49	130	.	.	.	130
3.50-3.99	60	.	.	.	60
4.00-4.49	11	.	.	.	11
4.50-4.99	16	.	.	16
5.00-5.49	8	.	8
5.50-5.99	10	10
6.00-6.49	
6.50-6.99	
7.00-7.49	
7.50-7.99	
8.00-8.49	
8.50-8.99	
9.00-9.49	
9.50-9.99	
GREATER	
TOTAL	0	1407	2903	2524	2209	247	322	113	0	0	58440

AVE HS (FT) = 0.85 LARGEST HS (FT) = 6.70 TOTAL CASES = 58440

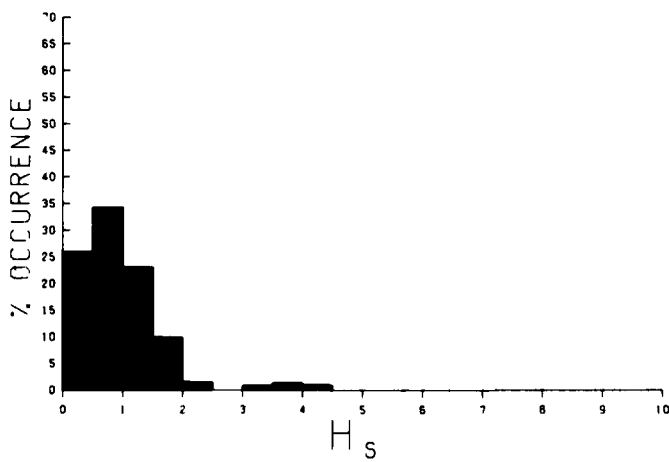
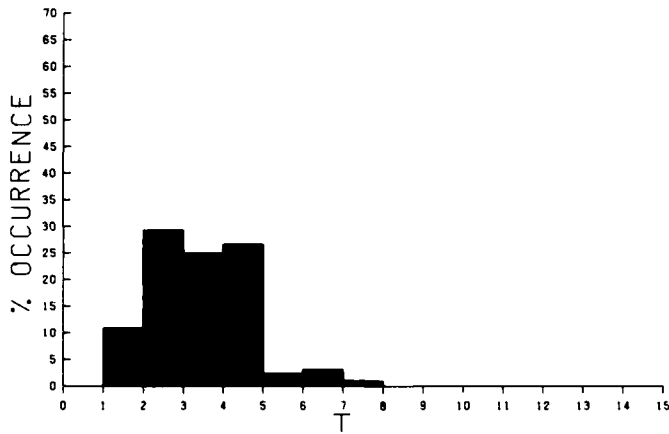
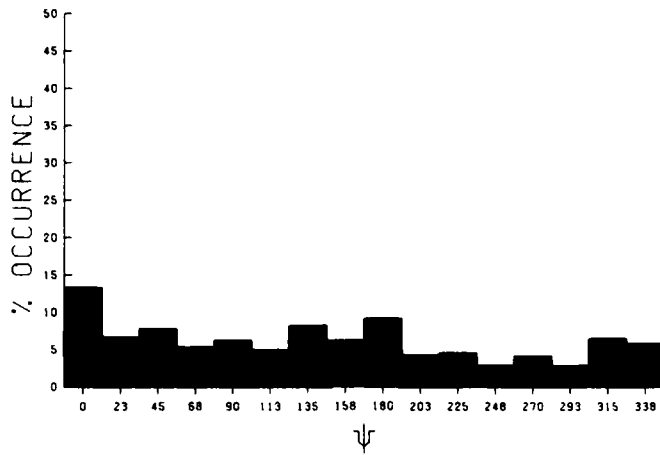
STATION 16



STATION 16

DEC. - FEB.

14440 CASES

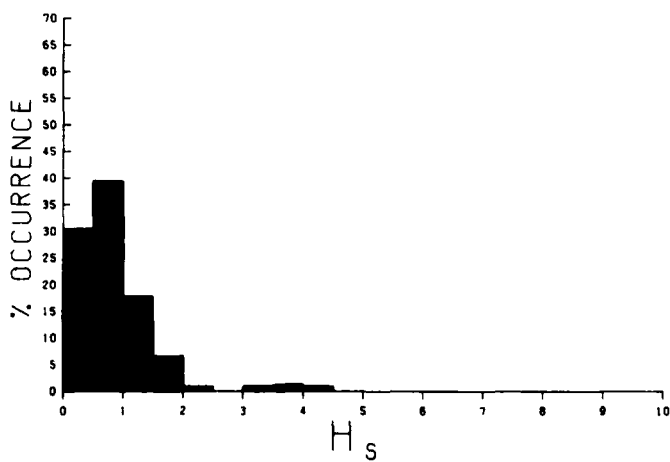
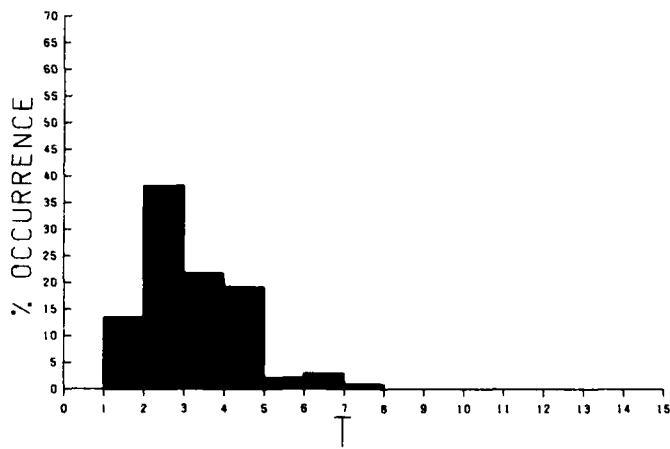
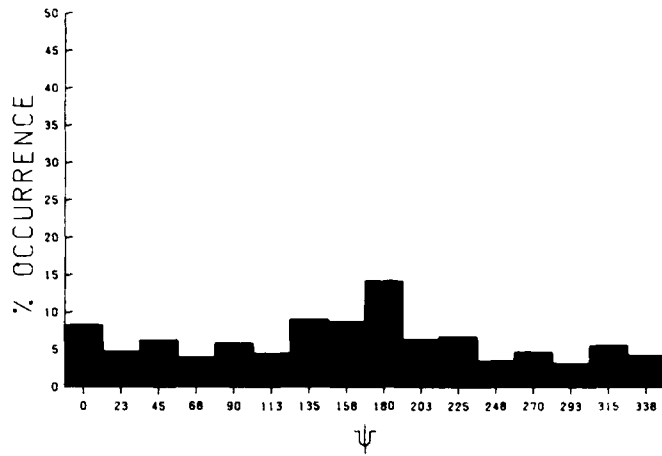


E131

STATION 16

MAR. - MAY

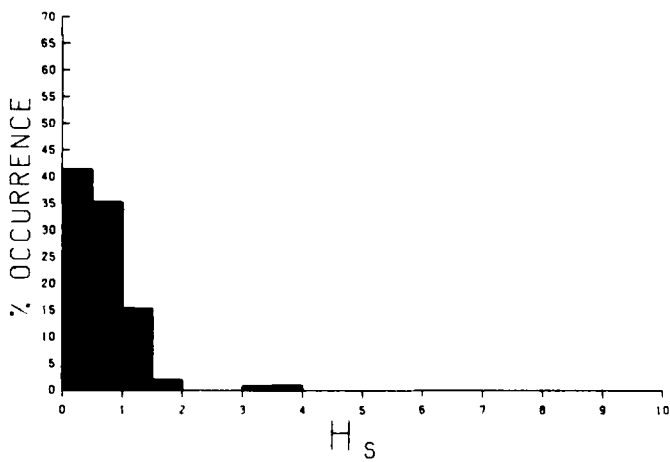
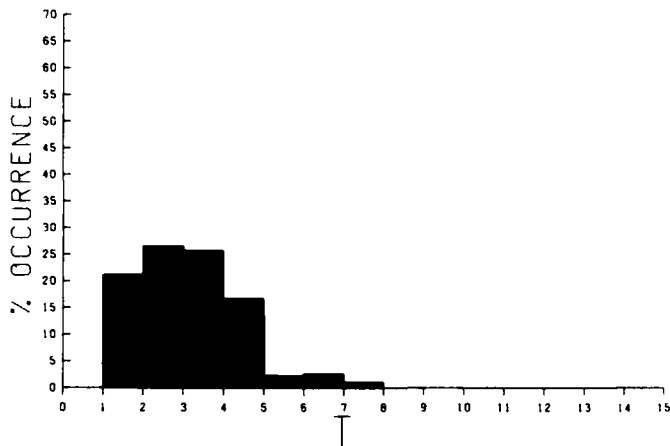
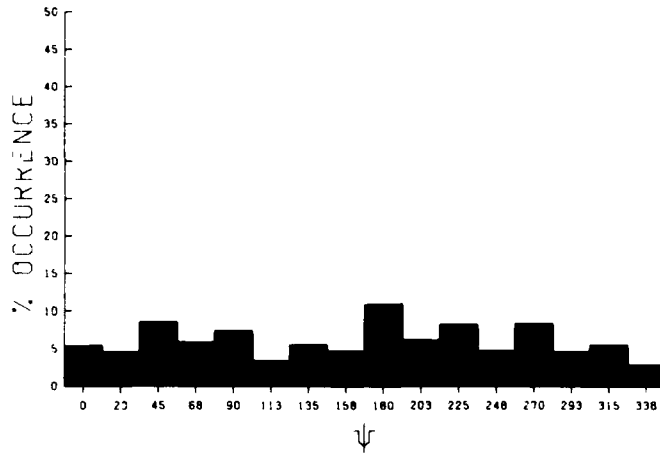
14720 CASES



STATION 16

JUN. - AUG.

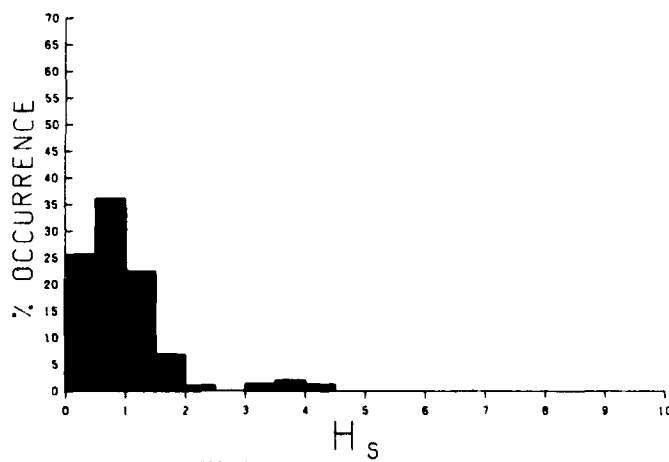
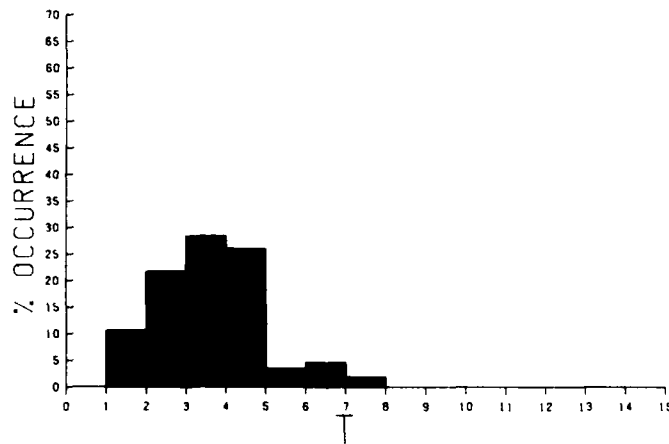
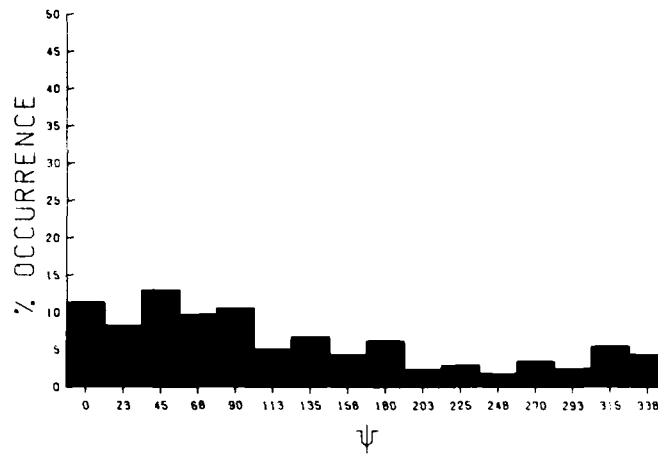
14720 CASES



STATION 16

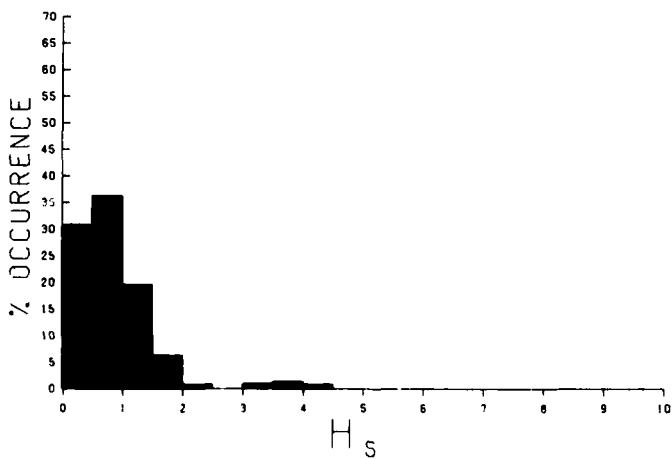
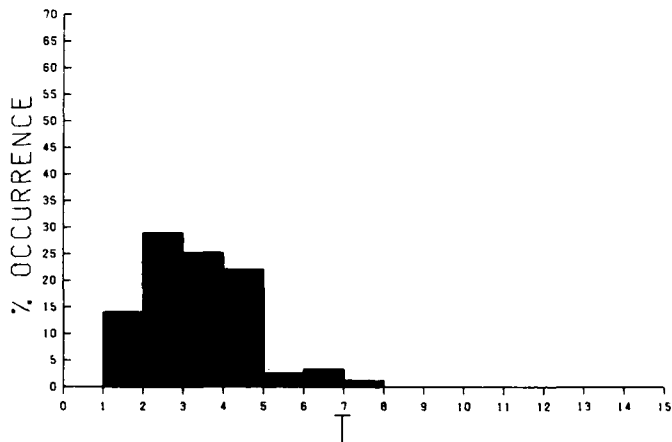
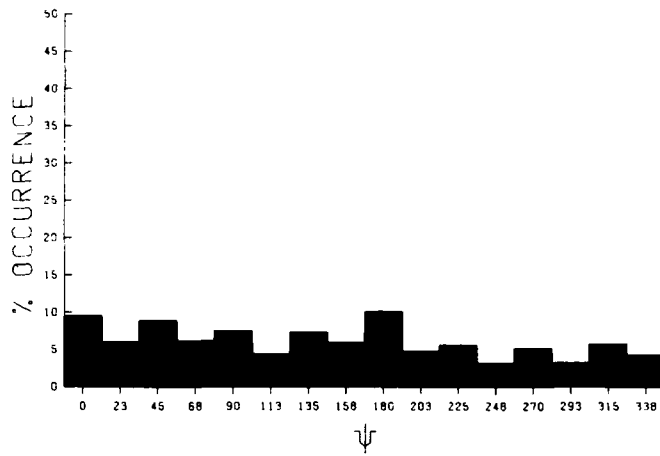
SEP. - NOV.

14560 CASES



E134

STATION 16
 JAN. - DEC.
 58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 16

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.9	0.6	0.7	0.7	0.6	0.6	0.5	0.4	0.8	0.8	0.7	0.5	0.6
1957	0.7	0.8	0.8	0.7	0.6	0.5	0.7	0.9	0.8	1.0	0.9	0.7	0.7
1958	1.0	0.9	0.9	1.0	0.9	0.6	0.6	0.7	1.1	1.2	1.1	1.2	0.9
1959	1.0	1.2	1.2	0.8	0.8	0.8	0.8	1.0	1.3	1.2	1.3	1.2	1.0
1960	1.2	1.2	1.2	0.9	0.8	0.8	0.7	0.7	1.1	0.8	0.9	1.1	0.9
1961	1.1	0.9	0.9	1.0	0.8	0.6	0.6	0.8	1.0	1.1	1.1	0.9	0.9
1962	1.1	0.8	1.1	0.9	0.7	0.6	0.6	0.6	0.7	0.6	0.8	0.8	0.8
1963	0.8	0.9	0.7	0.7	0.6	0.6	0.5	0.5	1.0	1.0	1.0	1.2	0.8
1964	1.1	1.5	1.1	0.8	0.8	0.7	0.8	0.7	1.2	1.3	1.0	1.0	1.0
1965	1.0	1.3	1.1	0.9	0.9	0.9	0.7	0.6	1.1	1.3	1.0	1.1	1.0
1966	1.2	1.2	1.0	0.9	1.3	0.9	0.7	0.5	0.6	0.9	0.9	1.1	0.9
1967	0.8	0.9	0.8	0.7	0.7	0.8	0.6	0.7	1.1	0.7	0.8	0.8	0.8
1968	0.9	0.9	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.8	0.9	0.9	0.8
1969	1.0	0.9	1.1	0.8	0.9	0.7	0.6	0.8	0.8	1.2	0.8	1.1	0.9
1970	1.0	0.9	1.0	0.7	0.8	0.6	0.6	0.6	0.9	1.2	0.9	0.9	0.9
1971	0.7	1.1	1.1	1.1	0.7	0.7	0.7	1.0	1.0	0.7	1.0	0.9	0.9
1972	0.9	0.8	0.7	0.8	0.9	0.9	0.8	0.6	0.7	1.0	1.1	0.7	0.8
1973	1.0	0.9	0.9	0.9	0.7	0.6	0.6	0.6	1.0	0.8	0.7	0.9	0.8
1974	0.7	0.8	0.8	0.8	0.6	0.6	0.6	0.6	0.9	0.9	0.8	0.8	0.7
1975	0.7	0.8	1.0	0.9	0.5	0.6	0.6	0.5	0.8	0.8	0.8	0.9	0.7
MEAN	0.9	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.9	1.0	0.9	0.9	

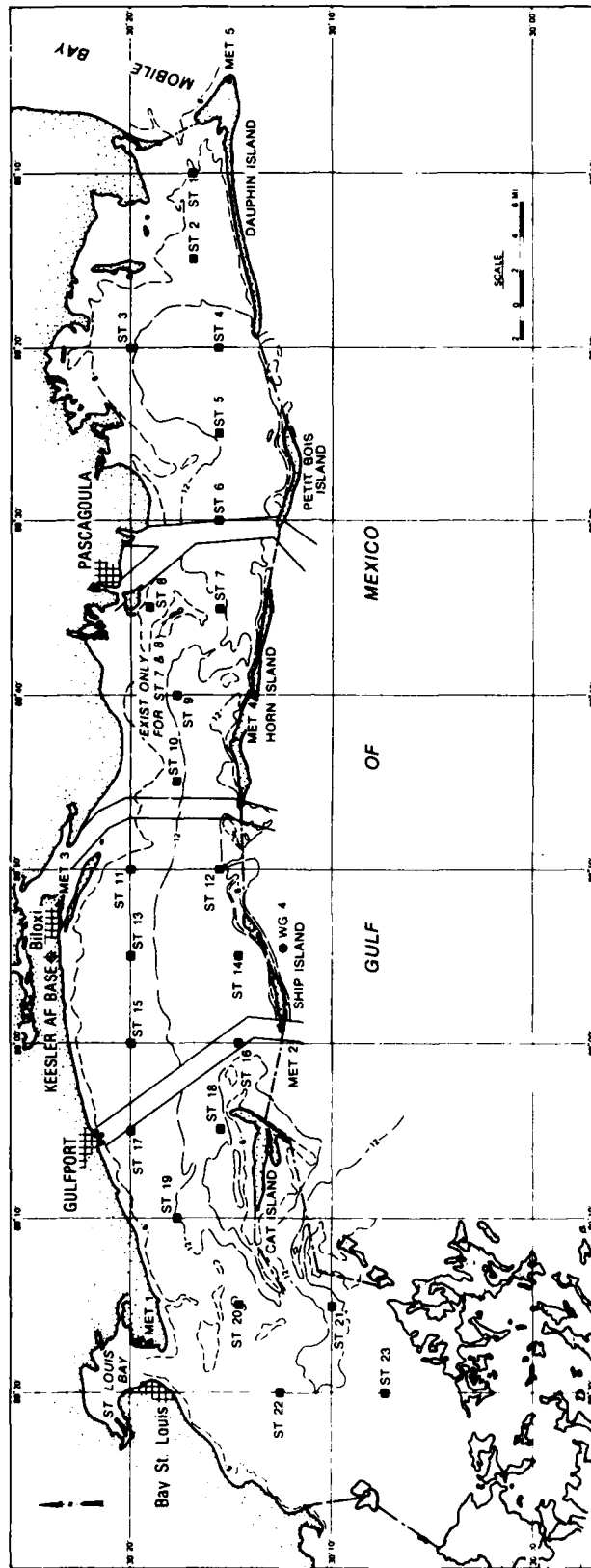
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 16

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	3.9	3.7	4.1	3.5	3.7	3.5	1.7	1.2	4.8	3.7	3.5	3.3
1957	4.3	4.4	4.3	3.7	3.7	3.1	3.7	4.9	3.9	4.6	4.6	3.1
1958	5.1	4.1	4.4	5.4	5.4	4.3	3.6	3.8	5.4	4.7	4.3	4.3
1959	3.6	4.9	4.7	3.3	4.7	5.1	3.8	4.9	5.9	5.4	5.2	5.1
1960	5.4	4.4	4.4	4.7	5.1	4.0	3.6	3.8	5.1	3.6	4.9	4.4
1961	4.3	6.3	6.5	3.8	3.6	3.8	3.3	4.4	5.1	4.7	4.0	4.7
1962	4.7	3.8	2.6	4.3	3.6	3.6	3.8	3.8	4.0	4.0	3.6	3.8
1963	3.8	5.2	3.8	3.8	1.7	3.8	3.3	1.3	5.2	4.7	4.9	4.7
1964	5.1	5.4	4.9	4.0	4.0	4.3	4.7	3.3	4.9	4.7	4.3	4.4
1965	4.4	4.9	4.3	4.0	4.7	4.9	4.3	3.8	6.7	4.9	4.3	4.0
1966	4.7	5.4	4.7	4.0	5.2	4.9	4.7	4.0	4.0	4.0	4.3	4.4
1967	3.6	4.0	4.0	4.3	2.4	4.0	3.3	4.0	4.4	4.0	3.8	4.7
1968	4.3	3.8	3.8	3.3	4.0	4.3	4.0	3.8	4.3	4.0	4.3	4.4
1969	4.3	5.2	4.9	4.4	4.4	3.6	3.6	5.1	4.3	4.4	4.9	4.9
1970	4.0	5.1	5.1	3.8	4.7	3.6	4.3	4.0	4.3	5.1	4.7	5.2
1971	4.9	4.9	5.5	4.9	3.8	5.5	4.7	4.3	4.4	3.3	5.1	4.7
1972	4.4	4.0	3.6	4.7	4.7	4.4	5.1	3.6	4.4	5.1	4.9	3.3
1973	4.4	4.9	5.4	4.4	3.6	3.8	4.0	3.8	4.7	4.3	4.0	4.4
1974	3.6	4.3	4.3	5.2	4.3	3.8	3.8	4.0	4.0	4.3	4.3	4.0
1975	3.8	4.0	5.1	4.4	4.0	4.0	3.8	3.6	4.0	3.8	4.3	5.1

LARGEST HS(FEET) FOR STATION 16 = 6.7



STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											9673
0.5											4328
1.0											0
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	8628	5373	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.35 LARGEST HS(FT) = 0.93 ANGLE CLASS % = 14.0

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											3005
0.5											3448
1.0											110
1.5											0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	914	5394	255	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.52 LARGEST HS(FT) = 1.22 ANGLE CLASS % = 6.6

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											3788
0.5											3662
1.0											207
1.5											6
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	6481	1176	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.57 ANGLE CLASS % = 7.7

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											166
0.5											2880
1.0											2153
1.5											117
2.0											6
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	166	4043	1113	0	0	0	0	0	0

AVERAGE HS(FT) = 0.93 LARGEST HS(FT) = 2.03 ANGLE CLASS % = 5.3

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	6	235	463	110	.	.	.	.	241
0.99	573
1.49	657	1191	810	.	.	.	2658
1.99	1481	803	228	.	.	.	2512
2.49	124	103	.	.	.	227
2.99	6	.	.	.	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	0	0	6	892	3135	1847	337	0	0	0	0
TOTAL	0	0	6	892	3135	1847	337	0	0	0	0

AVERAGE HS(FT) = 1.81 LARGEST HS(FT) = 3.54 ANGLE CLASS % = 6.2

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	20	429	55	547	.	.	.	.	449
0.99	.	.	.	484	1606	547	.	.	.	.	1086
1.49	.	.	.	27	629	283	.	.	.	.	1605
1.99	20	327	.	.	.	.	1009
2.49	34	6	.	.	.	337
2.99	40
3.49	0
3.99	0
4.49	0
4.99	0
5.00	0	0	20	940	2380	1231	6	0	0	0	0
TOTAL	0	0	20	940	2380	1231	6	0	0	0	0

AVERAGE HS(FT) = 1.22 LARGEST HS(FT) = 2.99 ANGLE CLASS % = 4.6

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	138	644	.	.	.	.	.	.	782
0.99	.	.	.	3760	.	.	.	.	.	.	3760
1.49	.	.	.	1065	1232	.	.	.	.	.	2297
1.99	623	.	.	.	.	.	623
2.49	6	.	.	.	.	.	6
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	0	0	138	5470	1909	0	0	0	0	0	0
TOTAL	0	0	138	5470	1909	0	0	0	0	0	0

AVERAGE HS(FT) = 0.90 LARGEST HS(FT) = 2.68 ANGLE CLASS % = 7.5

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	768	2368	131	.	.	.	.	.	768
0.99	.	.	817	1267	131	.	.	.	.	.	3185
1.49	13	.	.	.	.	.	13
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.00	0	0	1585	3635	400	0	0	0	0	0	0
TOTAL	0	0	1585	3635	400	0	0	0	0	0	0

AVERAGE HS(FT) = 0.82 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 5.6

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			3060								3060
0.50-0.99			2375	1710							4085
1.00-1.49				1530							1530
1.50-1.99				27	159						186
2.00-2.49					13						13
2.50-2.99					13						13
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-GREATER											0
TOTAL	0	0	5435	3267	185	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 2.58 ANGLE CLASS % = 8.9

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			754								754
0.50-0.99			865	1142							2007
1.00-1.49				1024							1024
1.50-1.99				62	96						158
2.00-2.49					13						13
2.50-2.99					6						6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-GREATER											0
TOTAL	0	0	1619	2228	115	0	0	0	0	0	0

AVERAGE HS(FT) = 0.84 LARGEST HS(FT) = 2.66 ANGLE CLASS % = 4.0

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			55	373							428
0.50-0.99				1932							1932
1.00-1.49				242	900						1142
1.50-1.99					477						477
2.00-2.49					55						55
2.50-2.99						6					6
3.00-3.49						6					6
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-GREATER											0
TOTAL	0	0	55	2547	1432	12	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 3.17 ANGLE CLASS % = 4.1

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49				90							90
0.50-0.99				373	367						740
1.00-1.49					1114						1114
1.50-1.99					505	290					795
2.00-2.49						124					124
2.50-2.99							6				6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-GREATER											0
TOTAL	0	0	0	463	1986	414	6	0	0	0	0

AVERAGE HS(FT) = 1.25 LARGEST HS(FT) = 2.66 ANGLE CLASS % = 2.9

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	0	879	0	0	0	0	0	0	879
0.50	0	0	837	1080	90	0	0	0	0	1917
1.00	0	0	0	415	76	0	0	0	0	505
1.50	0	0	0	0	0	0	0	0	0	0
2.00	0	0	0	0	0	0	0	0	0	0
2.50	0	0	0	0	0	0	0	0	0	0
3.00	0	0	0	0	0	0	0	0	0	0
3.50	0	0	0	0	0	0	0	0	0	0
4.00	0	0	0	0	0	0	0	0	0	0
4.50	0	0	0	0	0	0	0	0	0	0
5.00	0	0	0	0	0	0	0	0	0	0
5.50	0	0	0	0	0	0	0	0	0	0
6.00	0	0	0	0	0	0	0	0	0	0
6.50	0	0	0	0	0	0	0	0	0	0
7.00	0	0	0	0	0	0	0	0	0	0
7.50	0	0	0	0	0	0	0	0	0	0
8.00	0	0	0	0	0	0	0	0	0	0
8.50	0	0	0	0	0	0	0	0	0	0
9.00	0	0	0	0	0	0	0	0	0	0
GREATER	0	0	1716	1495	166	0	0	0	0	0
TOTAL	0	0	1716	1495	166	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.90 ANGLE CLASS % = 3.4

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	858	796	0	0	0	0	0	0	1654
0.50	0	0	962	13	0	0	0	0	0	975
1.00	0	0	20	27	0	0	0	0	0	47
1.50	0	0	0	0	0	0	0	0	0	0
2.00	0	0	0	0	0	0	0	0	0	0
2.50	0	0	0	0	0	0	0	0	0	0
3.00	0	0	0	0	0	0	0	0	0	0
3.50	0	0	0	0	0	0	0	0	0	0
4.00	0	0	0	0	0	0	0	0	0	0
4.50	0	0	0	0	0	0	0	0	0	0
5.00	0	0	0	0	0	0	0	0	0	0
5.50	0	0	0	0	0	0	0	0	0	0
6.00	0	0	0	0	0	0	0	0	0	0
6.50	0	0	0	0	0	0	0	0	0	0
7.00	0	0	0	0	0	0	0	0	0	0
7.50	0	0	0	0	0	0	0	0	0	0
8.00	0	0	0	0	0	0	0	0	0	0
8.50	0	0	0	0	0	0	0	0	0	0
9.00	0	0	0	0	0	0	0	0	0	0
GREATER	0	858	1778	40	0	0	0	0	0	0
TOTAL	0	858	1778	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.24 ANGLE CLASS % = 2.7

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	1842	1759	0	0	0	0	0	0	3601
0.50	0	0	2458	96	0	0	0	0	0	2554
1.00	0	0	83	48	0	0	0	0	0	131
1.50	0	0	0	0	0	0	0	0	0	0
2.00	0	0	0	0	0	0	0	0	0	0
2.50	0	0	0	0	0	0	0	0	0	0
3.00	0	0	0	0	0	0	0	0	0	0
3.50	0	0	0	0	0	0	0	0	0	0
4.00	0	0	0	0	0	0	0	0	0	0
4.50	0	0	0	0	0	0	0	0	0	0
5.00	0	0	0	0	0	0	0	0	0	0
5.50	0	0	0	0	0	0	0	0	0	0
6.00	0	0	0	0	0	0	0	0	0	0
6.50	0	0	0	0	0	0	0	0	0	0
7.00	0	0	0	0	0	0	0	0	0	0
7.50	0	0	0	0	0	0	0	0	0	0
8.00	0	0	0	0	0	0	0	0	0	0
8.50	0	0	0	0	0	0	0	0	0	0
9.00	0	0	0	0	0	0	0	0	0	0
GREATER	0	1842	4300	144	0	0	0	0	0	0
TOTAL	0	1842	4300	144	0	0	0	0	0	0

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 6.3

STATION 17 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	3843	463	0	0	0	0	0	0	4306
0.50	0	0	1918	0	0	0	0	0	0	1918
1.00	0	0	0	0	0	0	0	0	0	0
1.50	0	0	0	0	0	0	0	0	0	0
2.00	0	0	0	0	0	0	0	0	0	0
2.50	0	0	0	0	0	0	0	0	0	0
3.00	0	0	0	0	0	0	0	0	0	0
3.50	0	0	0	0	0	0	0	0	0	0
4.00	0	0	0	0	0	0	0	0	0	0
4.50	0	0	0	0	0	0	0	0	0	0
5.00	0	0	0	0	0	0	0	0	0	0
5.50	0	0	0	0	0	0	0	0	0	0
6.00	0	0	0	0	0	0	0	0	0	0
6.50	0	0	0	0	0	0	0	0	0	0
7.00	0	0	0	0	0	0	0	0	0	0
7.50	0	0	0	0	0	0	0	0	0	0
8.00	0	0	0	0	0	0	0	0	0	0
8.50	0	0	0	0	0	0	0	0	0	0
9.00	0	0	0	0	0	0	0	0	0	0
GREATER	0	3843	2381	0	0	0	0	0	0	0
TOTAL	0	3843	2381	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.35 LARGEST HS(FT) = 0.96 ANGLE CLASS % = 6.2

STATION 17 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
U.S. Navy											
0.0-0.49		1608	1579	177	88	65					3364
0.50-0.99			2056	1695	421						3904
1.00-1.49			10	710	606						1326
1.50-1.99				77	421	138					636
2.00-2.49					165	129	22				316
2.50-2.99					2	16	11				29
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.99											0
GREATER											0
TOTAL	0	1608	3645	2659	1282	348	33	0	0	0	0

AVE HS(FT) = 0.72 LARGEST HS(FT) = 3.54 TOTAL CASES = 14440.

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0											7207
0.5											1698
1.0											0000
1.5											0000
2.0											0000
2.5											0000
3.0											0000
3.5											0000
4.0											0000
4.5											0000
5.0											0000
5.5											0000
6.0											0000
6.5											0000
7.0											0000
7.5											0000
8.0											0000
8.5											0000
9.0											0000
GREATER											0000
TOTAL	0	6562	2343	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.30 LARGEST HS (FT) = 0.86 ANGLE CLASS % = 8.9

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0											2512
0.5											2105
1.0											27
1.5											0000
2.0											0000
2.5											0000
3.0											0000
3.5											0000
4.0											0000
4.5											0000
5.0											0000
5.5											0000
6.0											0000
6.5											0000
7.0											0000
7.5											0000
8.0											0000
8.5											0000
9.0											0000
GREATER											0000
TOTAL	0	699	3837	108	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.48 LARGEST HS (FT) = 1.07 ANGLE CLASS % = 4.6

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0											3233
0.5											2506
1.0											142
1.5											0000
2.0											0000
2.5											0000
3.0											0000
3.5											0000
4.0											0000
4.5											0000
5.0											0000
5.5											0000
6.0											0000
6.5											0000
7.0											0000
7.5											0000
8.0											0000
8.5											0000
9.0											0000
GREATER											0000
TOTAL	0	0	5121	760	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.53 LARGEST HS (FT) = 1.43 ANGLE CLASS % = 5.9

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0											101
0.5											2038
1.0											1695
1.5											95
2.0											0000
2.5											0000
3.0											0000
3.5											0000
4.0											0000
4.5											0000
5.0											0000
5.5											0000
6.0											0000
6.5											0000
7.0											0000
7.5											0000
8.0											0000
8.5											0000
9.0											0000
GREATER											0000
TOTAL	0	0	101	2995	740	0	0	0	0	0	0

AVERAGE HS (FT) = 0.93 LARGEST HS (FT) = 1.74 ANGLE CLASS % = 3.8

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49				176						176
0.50-0.99					366	115				481
1.00-1.49										0
1.50-1.99				516	1168	781				2465
2.00-2.49					1447	822				2269
2.50-2.99						47	115			162
3.00-3.49							6			6
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	0	692	2981	1765	290	0	0	0

AVERAGE HS(FT) = 1.83 LARGEST HS(FT) = 3.63 ANGLE CLASS % = 5.7

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			47	414						461
0.50-0.99				475		380				916
1.00-1.49					1324					1324
1.50-1.99				20	652	271				943
2.00-2.49					6	346				352
2.50-2.99							13			101
3.00-3.49							13			13
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	47	909	2043	1085	39	0	0	0

AVERAGE HS(FT) = 1.27 LARGEST HS(FT) = 3.55 ANGLE CLASS % = 4.1

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			163	652						815
0.50-0.99				4021						4021
1.00-1.49				1447	1331					2778
1.50-1.99					740					740
2.00-2.49					81					81
2.50-2.99					6					6
3.00-3.49										0
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	163	6120	2158	0	0	0	0	0

AVERAGE HS(FT) = 0.93 LARGEST HS(FT) = 2.58 ANGLE CLASS % = 8.4

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			808							808
0.50-0.99			849	3274						4123
1.00-1.49				2452						2452
1.50-1.99					160					160
2.00-2.49					353					353
2.50-2.99					27					27
3.00-3.49										0
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	1657	5726	549	0	0	0	0	0

AVERAGE HS(FT) = 0.87 LARGEST HS(FT) = 2.06 ANGLE CLASS % = 7.9

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			4028	3063							4028
0.99			3485	2955							6500
1.49				101	217						2955
1.99					13						317
2.49					6						13
2.99											6
3.49											6
3.99											6
4.49											6
4.99											6
5.49											6
5.99											6
6.49											6
6.99											6
7.49											6
7.99											6
8.49											6
8.99											6
9.49											6
9.99											6
GREATER											6
TOTAL	0	0	7513	6119	236	0	0	0	0	0	13868

AVERAGE HS(FT) = 0.74 LARGEST HS(FT) = 2.80 ANGLE CLASS % = 13.9

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			1066	1474							1066
0.99			1297	1752							2771
1.49				88	122						1752
1.99					27						210
2.49											27
2.99											27
3.49											27
3.99											27
4.49											27
4.99											27
5.49											27
5.99											27
6.49											27
6.99											27
7.49											27
7.99											27
8.49											27
8.99											27
9.49											27
9.99											27
GREATER											27
TOTAL	0	0	2363	3314	149	0	0	0	0	0	5826

AVERAGE HS(FT) = 0.86 LARGEST HS(FT) = 2.18 ANGLE CLASS % = 5.8

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			74	686							760
0.99				2663							2663
1.49				489	1406						1895
1.99					828						828
2.49					67	13					80
2.99					6						6
3.49											6
3.99											6
4.49											6
4.99											6
5.49											6
5.99											6
6.49											6
6.99											6
7.49											6
7.99											6
8.49											6
8.99											6
9.49											6
9.99											6
GREATER											6
TOTAL	0	0	74	3838	2307	13	0	0	0	0	6098

AVERAGE HS(FT) = 0.96 LARGEST HS(FT) = 2.52 ANGLE CLASS % = 6.2

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			6	101							107
0.99				353	461						814
1.49					1576						1576
1.99					550						787
2.49						237					203
2.99						203					203
3.49							6				6
3.99											6
4.49											6
4.99											6
5.49											6
5.99											6
6.49											6
6.99											6
7.49											6
7.99											6
8.49											6
8.99											6
9.49											6
9.99											6
GREATER											6
TOTAL	0	0	6	454	2587	440	6	0	0	0	3499

AVERAGE HS(FT) = 1.26 LARGEST HS(FT) = 2.60 ANGLE CLASS % = 3.5

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1127	.	.	.	.	.	.	.	1127
0.99	.	.	985	1188	.	.	.	.	.	.	2173
1.49	.	.	.	394	95	.	.	.	.	.	489
1.99	61	.	.	.	.	.	61
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
GREATER	0
TOTAL	0	0	2112	1582	156	0	0	0	0	0	0

AVERAGE HS(FT) = 0.69 LARGEST HS(FT) = 1.76 ANGLE CLASS % = 3.9

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	1175	855	.	.	.	.	.	.	.	2030
0.99	.	.	957	13	.	.	.	.	.	.	970
1.49	.	.	.	33	.	.	.	.	.	.	33
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
GREATER	0
TOTAL	0	1175	1812	46	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.41 LARGEST HS(FT) = 1.32 ANGLE CLASS % = 3.0

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	1759	1460	.	.	.	.	.	.	.	3219
0.99	.	.	2126	33	.	.	.	.	.	.	2159
1.49	.	.	20	27	.	.	.	.	.	.	47
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
GREATER	0
TOTAL	0	1759	3606	60	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.19 ANGLE CLASS % = 5.4

STATION 17 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	3016	285	.	.	.	.	.	.	.	3301
0.99	.	.	1107	.	.	.	.	.	.	.	1107
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
GREATER	0
TOTAL	0	3016	1392	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.33 LARGEST HS(FT) = 0.89 ANGLE CLASS % = 4.4

STATION 17 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49	.	1321	1572	203	.	.	.	.	.	3096
0.50	.	.	1641	1930	88	49	.	.	.	3708
0.99	.	.	2	1067	654	.	.	.	.	1723
1.49	.	.	.	72	478	129	.	.	.	679
1.99	167	138	16	.	.	321
2.49	2	13	13	.	.	28
2.99	2	.	.	2
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	1321	3215	3272	1389	329	33	0	0	0
TOTAL	0	1321	3215	3272	1389	329	33	0	0	0

AVE HS(FT) = 0.75 LARGEST HS(FT) = 3.63 TOTAL CASES = 14720.

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		6582	88								6670
0.99			115								115
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	6582	203	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.19 LARGEST HS (FT) = 0.69 ANGLE CLASS % = 6.8

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1569	1854								3423
0.99			862								862
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	1569	2716	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.35 LARGEST HS (FT) = 0.83 ANGLE CLASS % = 4.3

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			5930								5930
0.99			1800	258							2058
1.49				13							13
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	7730	271	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.44 LARGEST HS (FT) = 1.49 ANGLE CLASS % = 8.0

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			271								271
0.99				4252							4252
1.49				794	489						1283
1.99					20						20
2.49						6					6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	271	5046	509	6	0	0	0	0	0

AVERAGE HS (FT) = 0.82 LARGEST HS (FT) = 2.35 ANGLE CLASS % = 5.8

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	6	468	.	.	.	.	.	.	474
0.50-0.99	1209	88	.	.	.	.	1297
1.00-1.49	.	.	.	1236	1032	557	.	.	.	.	2825
1.50-1.99	2323	326	27	.	.	.	2676
2.00-2.49	47	20	.	.	.	67
2.50-2.99	6	.	.	.	6
3.00-3.49	6	.	.	6
3.50-3.99	6	.	6
4.00-4.49	6	6
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	6	1704	4564	1018	53	6	0	0	0

AVERAGE HS(FT) = 1.63 LARGEST HS(FT) = 4.22 ANGLE CLASS % = 7.4

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	20	489	.	.	.	.	.	.	509
0.50-0.99	.	.	.	638	47	475	.	.	.	.	1160
1.00-1.49	.	.	.	33	176	61	.	.	.	.	808
1.50-1.99	20	.	.	.	.	270
2.00-2.49	27	.	.	.	.	40
2.50-2.99	27
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	20	1160	1031	603	0	0	0	0	0

AVERAGE HS(FT) = 0.91 LARGEST HS(FT) = 2.71 ANGLE CLASS % = 2.8

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	74	1059	.	.	.	.	.	.	1133
0.50-0.99	.	.	.	2907	.	.	.	.	.	.	2907
1.00-1.49	.	.	.	434	176	.	.	.	.	.	610
1.50-1.99	33	.	.	.	.	.	33
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	74	4400	209	6	0	0	0	0	0

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 3.17 ANGLE CLASS % = 4.7

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	855	.	.	.	.	.	.	.	855
0.50-0.99	.	.	672	1773	.	.	.	.	.	.	2445
1.00-1.49	.	.	.	414	13	.	.	.	.	.	427
1.50-1.99	27	.	.	.	.	.	27
2.00-2.49	6	.	.	.	.	.	6
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.99	0
6.00-6.99	0
7.00-7.99	0
8.00-8.99	0
9.00-9.99	0
GREATER	0
TOTAL	0	0	1527	2187	46	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 2.33 ANGLE CLASS % = 3.8

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			5455	1433							5455
0.99			2941	509							4374
1.49				20							509
1.99											20
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	8396	1962	20	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.78 ANGLE CLASS % = 10.4

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2201	978							2201
0.99			1480	400							2458
1.49				13	20						400
1.99											20
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	3681	1391	20	0	0	0	0	0	0

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 1.83 ANGLE CLASS % = 5.1

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			115	1372							1487
0.99				400							4001
1.49				482	699						1181
1.99					88						88
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	115	5855	787	0	0	0	0	0	0

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 1.73 ANGLE CLASS % = 6.8

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	230							236
0.99				1032	1141						2173
1.49					2105						2105
1.99					319						319
2.49						74					74
2.99						6					6
3.49											
3.99											
4.49											
4.99											
5.49											
5.99											
6.49											
6.99											
7.49											
7.99											
8.49											
8.99											
9.49											
9.99											
GREATER											
TOTAL	0	0	6	1262	3565	80	0	0	0	0	0

AVERAGE HS(FT) = 1.01 LARGEST HS(FT) = 2.10 ANGLE CLASS % = 4.9

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2927	1508							2927
0.99			2004	115							3517
1.49											115
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	4931	1623	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.30 ANGLE CLASS % = 6.6

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		2479	1290								3769
0.99			557								557
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	2479	1847	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.30 LARGEST HS(FT) = 0.87 ANGLE CLASS % = 4.3

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		3118	1610								4728
0.99			468	6							474
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	3118	2078	6	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.28 LARGEST HS(FT) = 0.95 ANGLE CLASS % = 5.2

STATION 17 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		3634	54								3688
0.99			40								40
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	3634	94	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.18 LARGEST HS(FT) = 0.63 ANGLE CLASS % = 3.7

STATION 17 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00	.	1738	2276	362	239	56	.	.	.	.	4376
0.05	.	.	1094	1879	429	.	.	.	.	.	3268
0.10	.	.	.	316	173	69	.	.	.	.	717
0.15	.	.	.	130	233	38	.	.	.	.	527
0.20	7	2	.	.	.	9
0.25	0
0.30	0
0.35	0
0.40	0
0.45	0
0.50	0
0.55	0
0.60	0
0.65	0
0.70	0
0.75	0
0.80	0
0.85	0
0.90	0
GREATER	0	1738	3370	2687	1074	170	4	0	0	0	0
TOTAL	0	1738	3370	2687	1074	170	4	0	0	0	0

AVE HS (FT) = 0.56 LARGEST HS (FT) = 4.22 TOTAL CASES = 14720.

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		9938	593								10521
0.49			2200								2245
0.49			20								20
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
GREATER											0
TOTAL	0	9938	2848	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.28 LARGEST HS(FT) = 1.18 ANGLE CLASS % = 12.8

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1943	3255								5198
0.49			2664	68							2732
0.49				48							48
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
GREATER											0
TOTAL	0	1943	5919	116	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.43 LARGEST HS(FT) = 1.24 ANGLE CLASS % = 8.0

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			7678								7678
0.49			3612	817							4429
0.49				343							343
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
GREATER											0
TOTAL	0	0	11290	1160	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.50 LARGEST HS(FT) = 1.43 ANGLE CLASS % = 12.5

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			418								418
0.49				5542							5542
0.49				2067	1284						3351
0.49					309						309
0.49					13						13
0.49						6					6
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
0.49											0
GREATER											0
TOTAL	0	0	418	7609	1606	6	0	0	0	0	0

AVERAGE HS(FT) = 0.89 LARGEST HS(FT) = 2.40 ANGLE CLASS % = 9.6

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	6	302							308
0.99	.	.			1085	130					1215
1.49	.	.		1346	1799	1215					4360
1.99	.	.			2930	1085					4284
2.49	.	.				151	219				281
2.99	.	.					130				20
3.49	.	.					6				6
3.99	.	.									0
4.49	.	.									0
4.99	.	.									0
5.00 - GREATER	0	0	6	1648	5864	2581	375	0	0	0	0

AVERAGE HS(FT) = 1.79 LARGEST HS(FT) = 3.71 ANGLE CLASS % = 10.5

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	41	707							748
0.99	.	.		576	75	625					1276
1.49	.	.			1373						1373
1.99	.	.		34	528	199					761
2.49	.	.			27	171					198
2.99	.	.				34					47
3.49	.	.					13				13
3.99	.	.									0
4.49	.	.									0
4.99	.	.									0
5.00 - GREATER	0	0	41	1317	2003	1029	26	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 3.27 ANGLE CLASS % = 4.4

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	103	961							1064
0.99	.	.		3427							3427
1.49	.	.		728	528						1256
1.99	.	.			192						192
2.49	.	.			27						27
2.99	.	.									0
3.49	.	.									0
3.99	.	.									0
4.49	.	.									0
4.99	.	.									0
5.00 - GREATER	0	0	103	5116	747	0	0	0	0	0	0

AVERAGE HS(FT) = 0.75 LARGEST HS(FT) = 2.28 ANGLE CLASS % = 6.0

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	755								755
0.99	.	.	576	1462							2038
1.49	.	.		707	61						768
1.99	.	.			116						116
2.49	.	.			6						6
2.99	.	.									0
3.49	.	.									0
3.99	.	.									0
4.49	.	.									0
4.99	.	.									0
5.00 - GREATER	0	0	1331	2169	183	0	0	0	0	0	0

AVERAGE HS(FT) = 0.75 LARGEST HS(FT) = 2.42 ANGLE CLASS % = 3.7

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			2953								2953
0.99			1345	792							2142
1.49				633							633
1.99				20	34						54
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	0	4299	1454	34	0	0	0	0	0	0
TOTAL	0	0	4299	1454	34	0	0	0	0	0	0

AVERAGE HS(FT) = 0.57 LARGEST HS(FT) = 1.78 ANGLE CLASS % = 5.8

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			810								810
0.99			430	432							912
1.49				219							219
1.99				6	20						26
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	0	1290	657	20	0	0	0	0	0	0
TOTAL	0	0	1290	657	20	0	0	0	0	0	0

AVERAGE HS(FT) = 0.66 LARGEST HS(FT) = 1.73 ANGLE CLASS % = 2.0

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			48	501							549
0.99				1339							1339
1.49				151	226						377
1.99					89						89
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	0	48	1991	328	0	0	0	0	0	0
TOTAL	0	0	48	1991	328	0	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 2.34 ANGLE CLASS % = 2.4

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49				89							89
0.99				274	384						658
1.49					192						192
1.99						75					75
2.49						20					20
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	0	0	363	1352	95	0	0	0	0	0
TOTAL	0	0	0	363	1352	95	0	0	0	0	0

AVERAGE HS(FT) = 1.10 LARGEST HS(FT) = 2.26 ANGLE CLASS % = 1.8

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1243	.	.	.	.	.	.	.	1243
0.99	.	.	604	583	.	.	.	.	.	.	1187
1.49	.	.	.	61	13	.	.	.	.	.	74
1.99	6	.	.	.	.	.	6
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	0	1847	644	19	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 2.5

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	1270	693	.	.	.	.	.	.	.	1963
0.99	.	.	343	.	.	.	.	.	.	.	343
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	1270	1036	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.32 LARGEST HS(FT) = 0.98 ANGLE CLASS % = 2.3

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	2500	1497	.	.	.	.	.	.	.	3997
0.99	.	.	1105	13	.	.	.	.	.	.	1118
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	2500	2608	13	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.34 LARGEST HS(FT) = 1.03 ANGLE CLASS % = 5.1

STATION 17 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	4354	206	.	.	.	.	.	.	.	4560
0.99	.	.	673	.	.	.	.	.	.	.	673
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	4354	879	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.25 LARGEST HS(FT) = 0.83 ANGLE CLASS % = 5.2

STATION 17 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.4	.	2000	2029	256	157	75	.	.	.	.	4285
0.4-0.9	.	.	1365	1533	157	75	.	.	.	.	3127
0.9-1.4	.	.	2	496	426	149	.	.	.	.	924
1.4-1.9	.	.	.	140	328	128	21	.	.	.	617
1.9-2.4	307	18	14	.	.	.	456
2.4-2.9	3	.	.	.	300
2.9-3.4	0
3.4-3.9	0
3.9-4.4	0
4.4-4.9	0
4.9-5.4	0
5.4-5.9	0
5.9-6.4	0
6.4-6.9	0
6.9-7.4	0
7.4-7.9	0
7.9-8.4	0
8.4-8.9	0
8.9-9.4	0
9.4-9.9	0
GREATER	0
TOTAL	0	2000	3396	2425	1215	370	38	0	0	0	14560

AVE HS(FT) = 0.66 LARGEST HS(FT) = 3.71 TOTAL CASES = 14560.

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		7919	588							8507
0.99			2085							2085
1.49			5							5
1.99										
2.49										
2.99										
3.49										
3.99										
4.49										
4.99										
5.49										
5.99										
6.49										
6.99										
7.49										
7.99										
8.49										
8.99										
9.49										
9.99										
GREATER										
TOTAL	0	7919	2678	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.30 LARGEST HS(FT) = 1.18 ANGLE CLASS % = 10.6

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		1281	2251							3532
0.99			2207	73						2280
1.49				46						46
1.99										
2.49										
2.99										
3.49										
3.99										
4.49										
4.99										
5.49										
5.99										
6.49										
6.99										
7.49										
7.99										
8.49										
8.99										
9.49										
9.99										
GREATER										
TOTAL	0	1281	4458	119	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.24 ANGLE CLASS % = 5.9

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			5157							5157
0.99			2494	663						3157
1.49				176						176
1.99					1					1
2.49										
2.99										
3.49										
3.99										
4.49										
4.99										
5.49										
5.99										
6.49										
6.99										
7.49										
7.99										
8.49										
8.99										
9.49										
9.99										
GREATER										
TOTAL	0	0	7651	839	1	0	0	0	0	0

AVERAGE HS(FT) = 0.50 LARGEST HS(FT) = 1.57 ANGLE CLASS % = 8.5

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			239							239
0.99				3677						3677
1.49				1244	850					2094
1.99					135					135
2.49					5					5
2.99						3				3
3.49										
3.99										
4.49										
4.99										
5.49										
5.99										
6.49										
6.99										
7.49										
7.99										
8.49										
8.99										
9.49										
9.99										
GREATER										
TOTAL	0	0	239	4921	990	3	0	0	0	0

AVERAGE HS(FT) = 0.89 LARGEST HS(FT) = 2.40 ANGLE CLASS % = 6.2

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49			5	296	781	111					301
0.99											892
1.49											0
1.99				939	1297	840					3076
2.49					2058	758	159				2976
2.99						92	92				184
3.49							5				5
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	5	1235	4136	1801	264	1	0	0	0

AVERAGE HS (FT) = 1.76 LARGEST HS (FT) = 4.22 ANGLE CLASS % = 7.4

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49			32	509	59	506					541
0.99				544	1276						1109
1.49					29	513	203				1279
1.99					13	231	46				244
2.49							8				8
2.99							3				3
3.49											0
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	32	1082	1861	986	17	0	0	0	0

AVERAGE HS (FT) = 1.13 LARGEST HS (FT) = 3.55 ANGLE CLASS % = 4.0

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49			119	829							948
0.99				3528							3528
1.49				918	816						1734
1.99					396						396
2.49					3						3
2.99						1					1
3.49											0
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	119	5275	1254	1	0	0	0	0	0

AVERAGE HS (FT) = 0.83 LARGEST HS (FT) = 3.17 ANGLE CLASS % = 6.7

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49			797								797
0.99			728	2221							2949
1.49				1211	94						1305
1.99					188						188
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 GREATER											0
TOTAL	0	0	1525	3432	295	0	0	0	0	0	0

AVERAGE HS (FT) = 0.80 LARGEST HS (FT) = 2.42 ANGLE CLASS % = 5.3

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3880								3880
0.99			2541	1753							4294
1.49				1409							1409
1.99				42	107						149
2.49					5						5
2.99											
3.49											
3.99											
4.49											
4.99											
GREATER	0	0	6421	3204	118	0	0	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 0.65 LARGEST HS(FT) = 2.80 ANGLE CLASS % = 9.7

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1211								1211
0.99			1033	1007							2040
1.49				850							850
1.99				42	65						107
2.49					10						10
2.99					1						1
3.49											
3.99											
4.49											
4.99											
GREATER	0	0	2244	1899	76	0	0	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 0.75 LARGEST HS(FT) = 2.66 ANGLE CLASS % = 4.2

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			73	735							808
0.99				2489							2489
1.49				342	809						1151
1.99					371						371
2.49					34						34
2.99					1						1
3.49						1					1
3.99											
4.49											
4.99											
GREATER	0	0	73	3566	1215	5	0	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 0.83 LARGEST HS(FT) = 3.17 ANGLE CLASS % = 4.9

STATION 17 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3	128							131
0.99				509							509
1.49					590						590
1.99					130						130
2.49					391	168					559
2.99						88					88
3.49							3				3
3.99											
4.49											
4.99											
GREATER	0	0	3	637	2377	257	3	0	0	0	0
TOTAL											

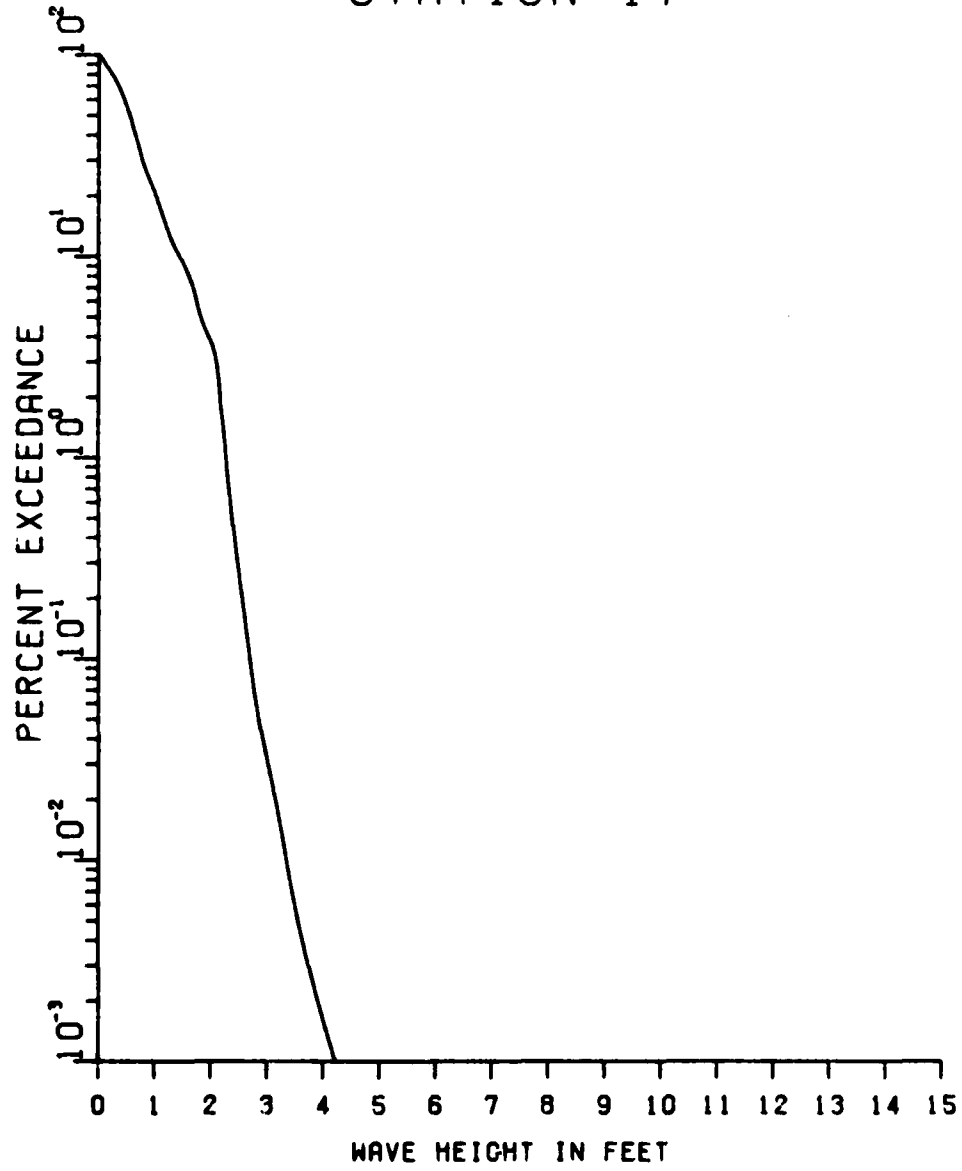
AVERAGE HS(FT) = 1.14 LARGEST HS(FT) = 2.66 ANGLE CLASS % = 3.3

STATION 17 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.00 - 0.49	.	1666	1865	250	144	61	.	.	.	.	3781
0.50 - 0.99	.	.	1537	1700	118	121	.	.	.	.	3501
1.00 - 1.49	.	.	3	648	108	108	.	.	.	.	1180
1.50 - 1.99	.	.	.	105	1	14	15	.	.	.	1176
2.00 - 2.49	10	1	.	.	.	115
2.50 - 2.99	100
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	1666	3405	2763	1241	304	26	0	0	0	58440

AVE HS (FT) = 0.67 LARGEST HS (FT) = 4.22 TOTAL CASES = 58440

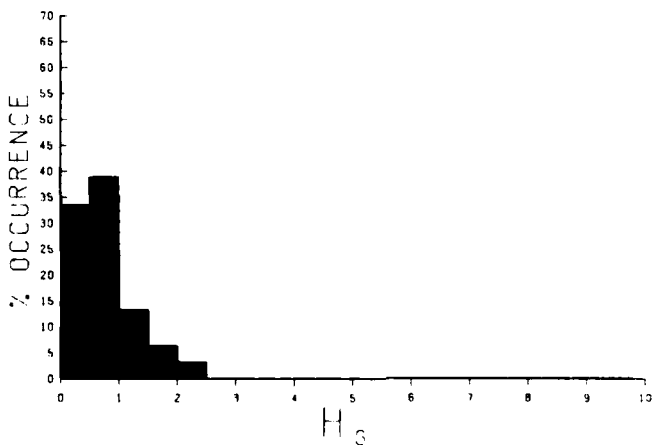
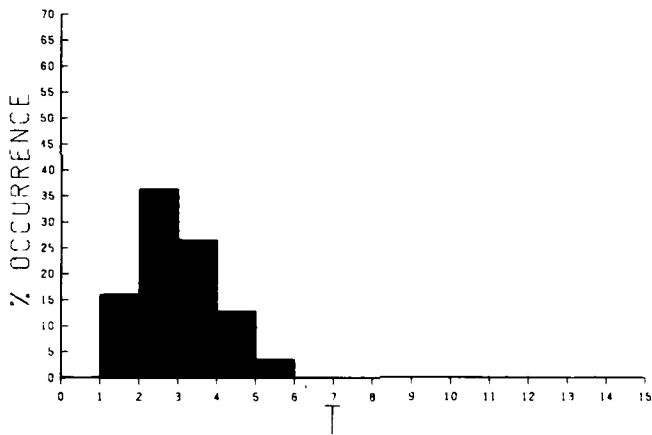
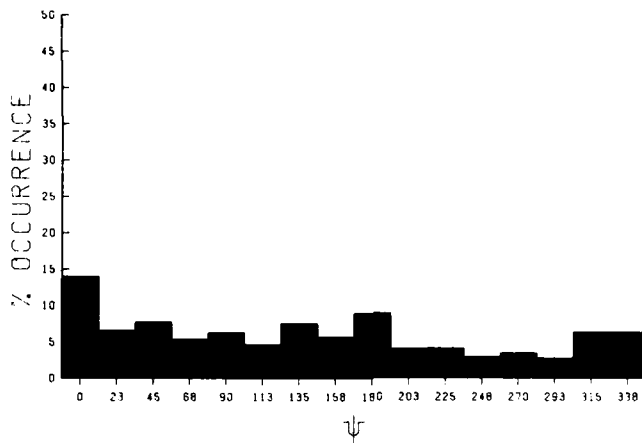
STATION 17



STATION 17

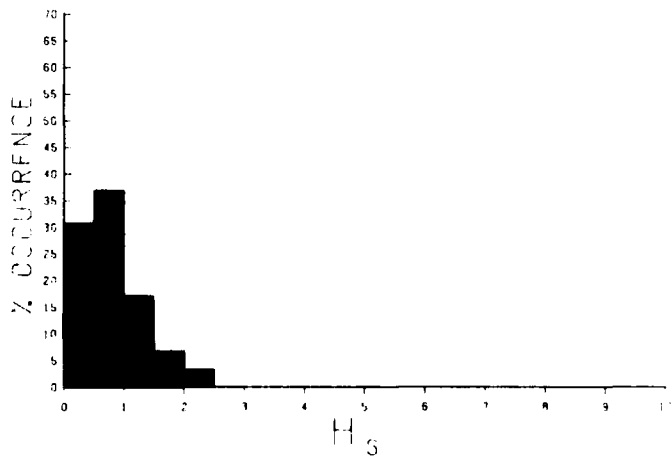
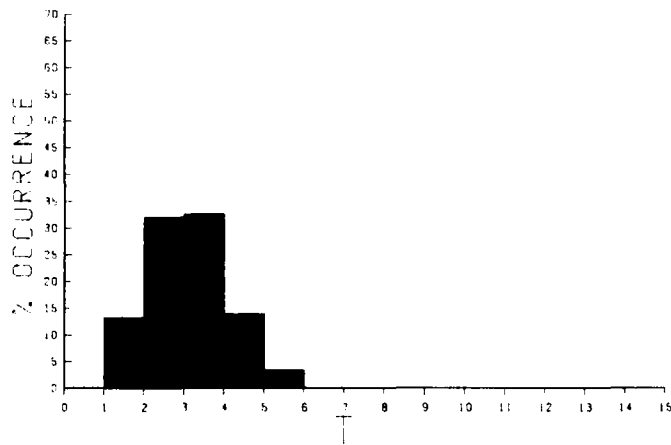
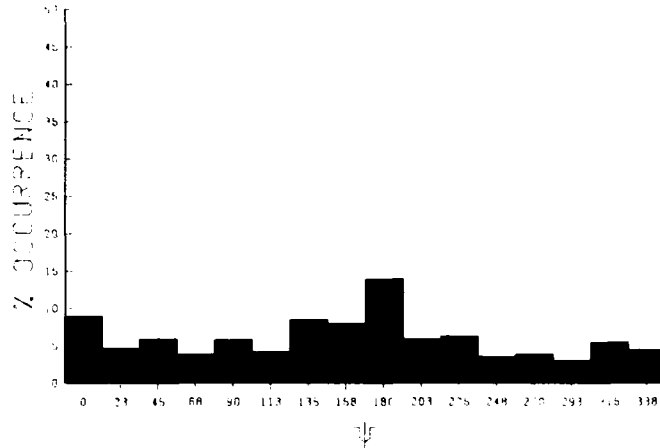
DEC. - FEB.

14440 CASES



E165

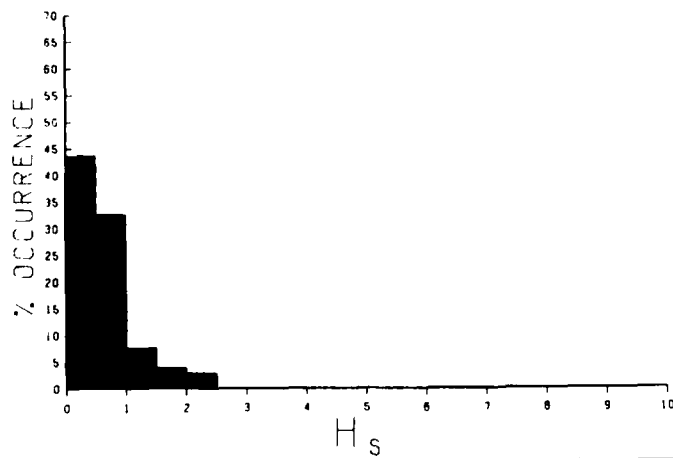
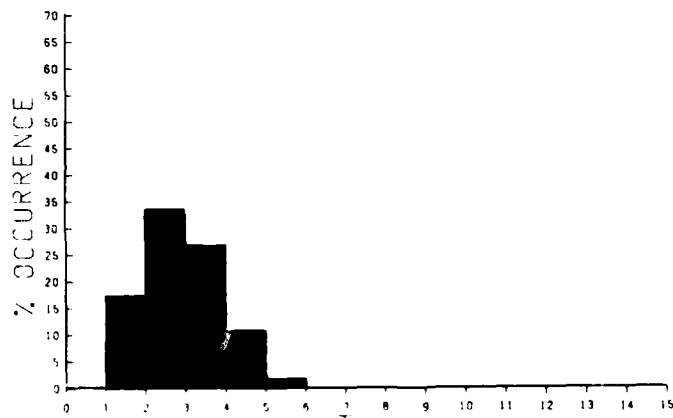
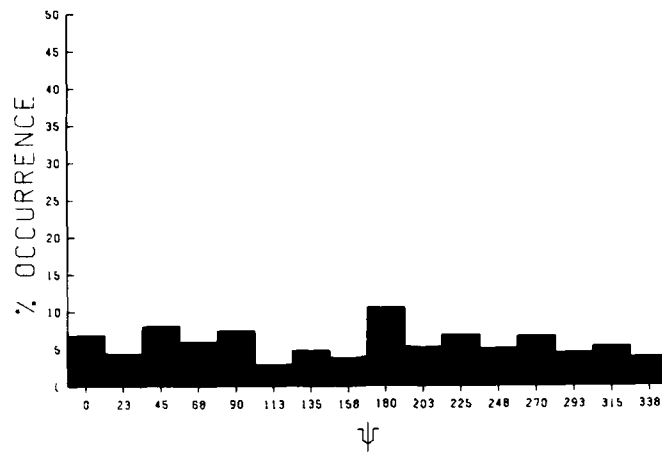
STATION 17
 MAR. - MAY
 1472 CASES



STATION 17

JUN. - AUG.

14720 CASES

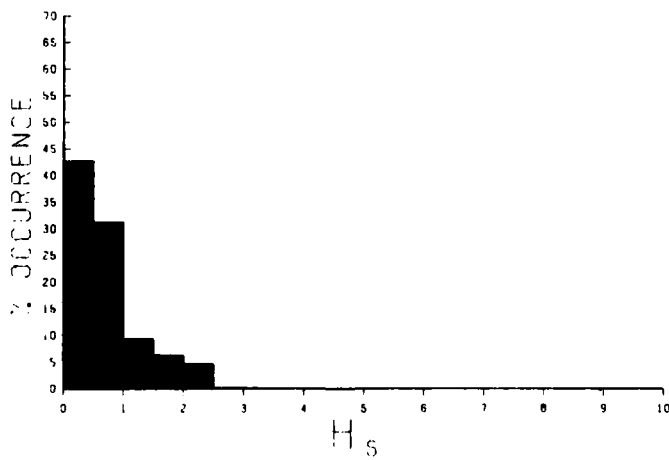
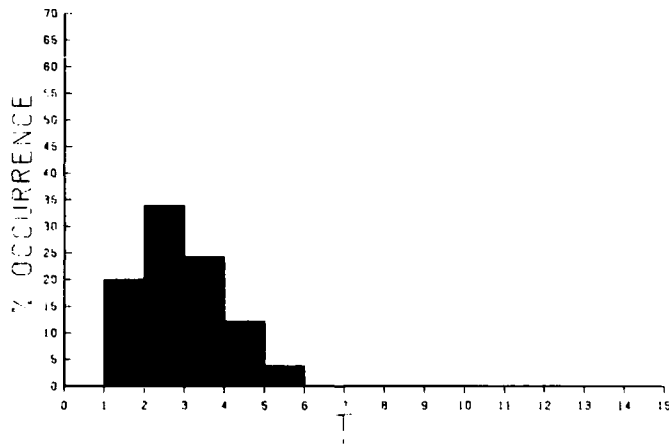
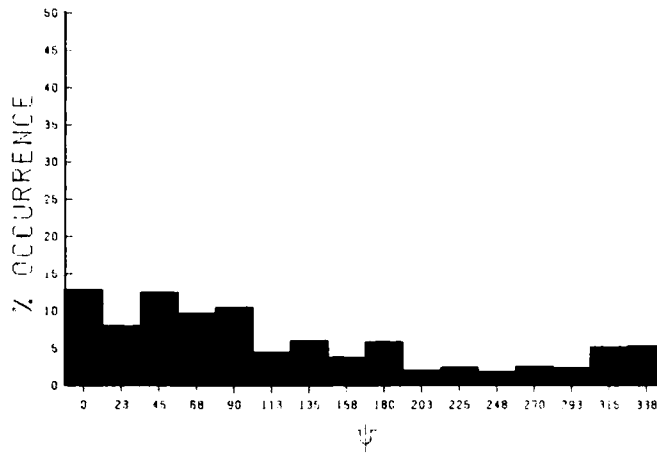


E167

STATION 17

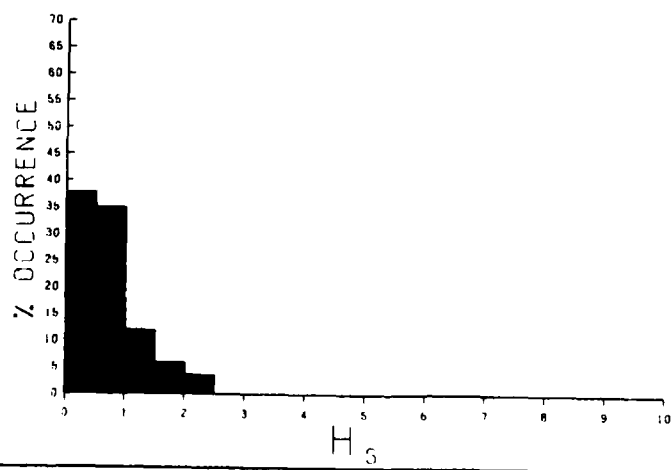
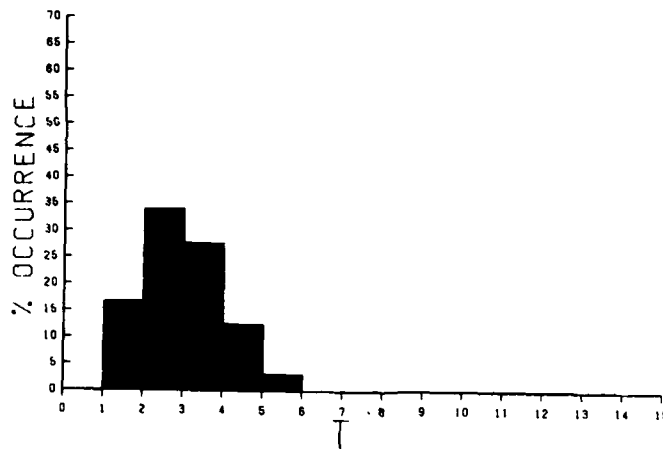
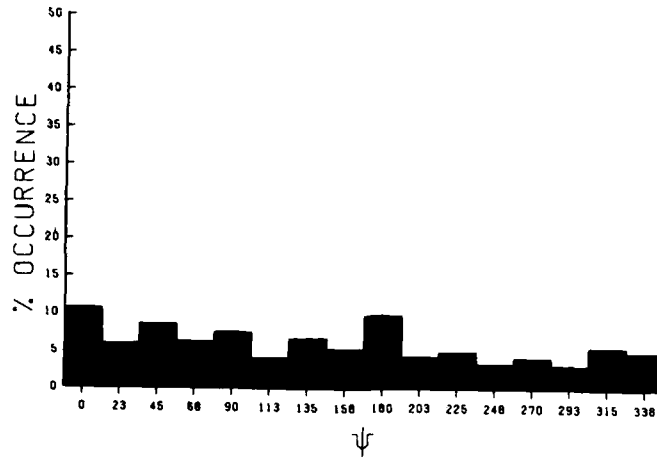
SEP. - NOV.

14860 CASES



E168

STATION 17
 JAN. - DEC.
 58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 17

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.5	0.5	0.5	0.5	0.5
1957	0.6	0.6	0.6	0.7	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
1958	0.7	0.6	0.6	0.9	0.7	0.6	0.6	0.5	0.8	0.6	0.8	0.7	0.7
1959	0.7	0.8	0.9	0.8	0.8	0.7	0.7	0.8	0.9	0.8	0.8	0.9	0.8
1960	0.8	0.9	0.9	0.9	0.7	0.7	0.6	0.6	0.7	0.6	0.7	0.8	0.7
1961	0.7	0.9	0.9	0.9	0.7	0.6	0.6	0.6	0.8	0.7	0.7	0.8	0.7
1962	0.8	0.9	0.8	0.8	0.6	0.5	0.4	0.6	0.7	0.6	0.6	0.5	0.7
1963	0.6	0.6	0.7	0.7	0.6	0.5	0.4	0.3	0.5	0.6	0.8	0.7	0.6
1964	0.9	1.0	1.0	1.0	0.7	0.6	0.7	0.6	0.8	0.8	0.8	0.9	0.8
1965	0.9	1.0	0.9	0.9	0.8	0.8	0.6	0.5	0.9	0.8	0.8	0.8	0.8
1966	0.8	0.9	0.9	1.0	0.9	0.7	0.6	0.5	0.5	0.6	0.7	0.8	0.7
1967	0.6	0.7	0.8	0.8	0.7	0.7	0.6	0.5	0.8	0.7	0.6	0.7	0.7
1968	0.7	0.5	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.7	0.6
1969	0.8	0.7	0.8	0.7	0.7	0.5	0.5	0.6	0.5	0.7	0.5	0.7	0.7
1970	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.6	0.7	0.8	0.7	0.7	0.7
1971	0.5	0.9	0.9	0.9	0.7	0.6	0.6	0.7	0.7	0.4	0.6	0.8	0.7
1972	0.7	0.6	0.7	0.8	0.6	0.7	0.6	0.5	0.6	0.7	0.6	0.6	0.7
1973	0.7	0.6	0.9	0.8	0.7	0.5	0.5	0.4	0.8	0.6	0.8	0.9	0.7
1974	0.7	0.7	0.7	0.8	0.7	0.5	0.4	0.5	0.6	0.6	0.6	0.7	0.6
1975	0.6	0.7	0.8	0.7	0.5	0.6	0.5	0.5	0.6	0.5	0.7	0.7	0.6
MEAN	0.7	0.7	0.8	0.8	0.7	0.6	0.6	0.5	0.7	0.6	0.7	0.7	

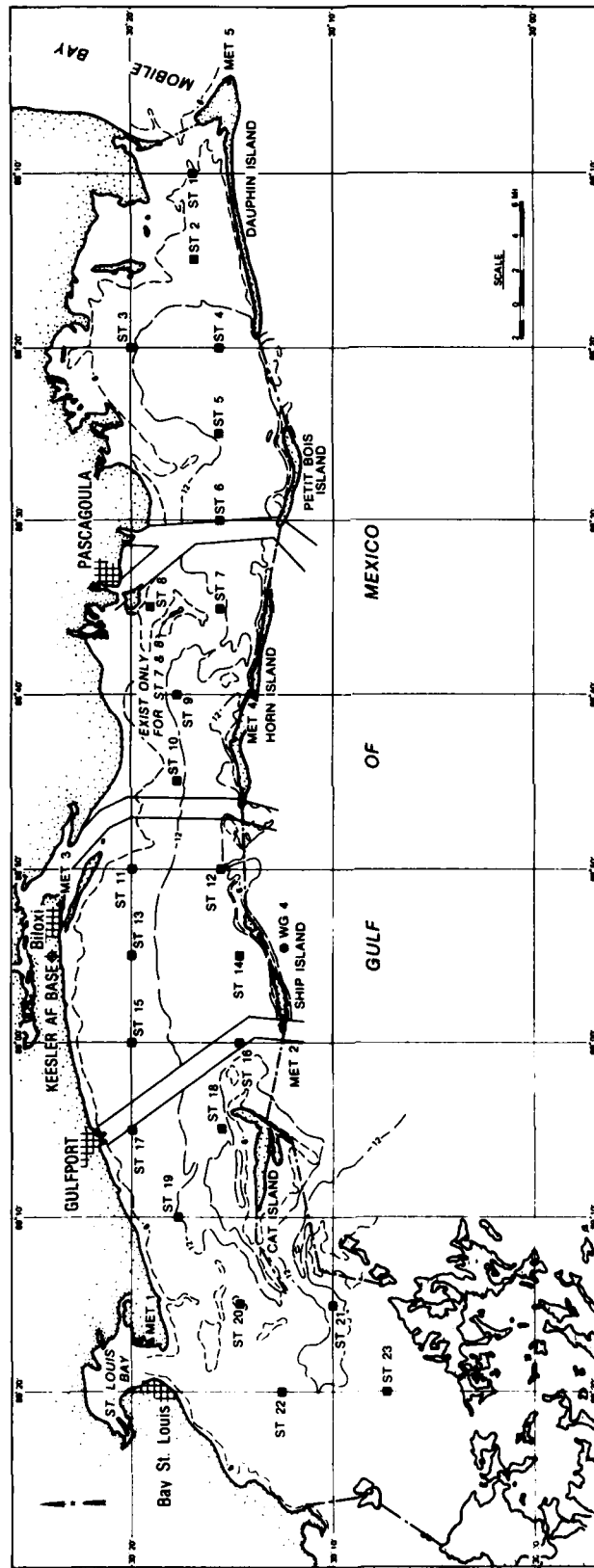
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 17

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.2	2.0	2.4	2.4	2.4	2.4	1.5	2.0	2.5	2.4	2.4	2.2
1957	2.4	2.4	2.4	2.4	2.4	2.4	2.2	2.6	3.0	2.4	2.4	2.4
1958	2.7	2.2	2.4	3.6	2.9	2.2	2.3	2.3	2.9	2.5	2.3	2.3
1959	2.6	2.6	2.7	2.3	2.5	2.7	2.6	2.6	3.3	2.9	2.8	2.7
1960	2.9	3.2	2.4	2.5	2.7	2.6	2.3	2.3	3.3	2.3	2.6	2.6
1961	2.3	3.5	3.6	2.7	2.3	2.7	2.3	2.7	3.0	3.0	2.4	2.5
1962	2.5	2.3	2.3	2.3	2.3	2.4	1.9	2.3	2.3	2.3	2.3	2.3
1963	2.1	2.8	2.3	2.3	2.3	2.3	1.8	1.5	2.8	2.5	2.6	2.5
1964	2.7	2.9	3.6	2.3	2.3	2.3	2.5	2.3	2.6	2.5	2.3	2.3
1965	2.3	2.6	2.3	2.3	2.5	2.6	2.3	2.3	3.7	2.6	2.3	2.3
1966	2.5	2.9	2.5	2.3	2.8	2.6	2.5	2.3	2.3	2.3	2.3	2.3
1967	2.3	2.3	2.7	2.3	2.1	2.3	2.3	2.3	2.3	3.0	2.3	2.5
1968	2.3	2.3	2.3	2.3	2.2	2.3	2.1	2.3	2.3	2.3	2.3	2.3
1969	2.4	2.8	3.0	3.0	2.3	2.3	2.3	4.2	2.3	2.3	2.6	2.6
1970	2.3	2.7	2.7	2.4	2.5	2.3	2.3	2.3	2.4	2.7	2.5	2.8
1971	2.6	2.6	3.0	2.6	2.4	3.0	2.5	2.3	2.3	2.3	2.7	2.5
1972	2.3	2.3	2.4	2.5	2.5	2.3	2.7	2.3	2.3	2.7	2.6	2.3
1973	2.7	2.6	3.1	2.8	2.1	2.3	2.3	2.3	2.5	2.3	2.3	2.4
1974	2.3	2.3	2.8	2.8	2.3	2.3	2.1	2.3	2.3	2.3	2.3	2.3
1975	2.3	2.3	2.7	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.7

LARGEST HS(FEET) FOR STATION 17 = 4.2



STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2015								2015
0.99			2319	4702							7021
1.49				3365							3365
1.99				394	547						941
2.49					20						20
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	4334	8461	567	0	0	0	0	0	0

AVERAGE HS(FT) = 0.88 LARGEST HS(FT) = 2.08 ANGLE CLASS % = 13.4

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			581								581
0.99			671	2666							3337
1.49				1274	574						1848
1.99					436						436
2.49					27						27
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1252	3940	1037	0	0	0	0	0	0

AVERAGE HS(FT) = 0.92 LARGEST HS(FT) = 2.11 ANGLE CLASS % = 6.2

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49				83							83
0.99				2804							2804
1.49				221	3220						3441
1.99					1385						1385
2.49					48						48
2.99						6					6
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	0	3108	4653	6	0	0	0	0	0

AVERAGE HS(FT) = 1.15 LARGEST HS(FT) = 2.45 ANGLE CLASS % = 7.8

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49				159	505						664
0.99					657						657
1.49					2358						2358
1.99					1218						1218
2.49						110					110
2.99						255					255
3.49						13					13
3.99							27				27
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	0	159	4748	379	27	0	0	0	0

AVERAGE HS(FT) = 1.25 LARGEST HS(FT) = 2.90 ANGLE CLASS % = 5.3

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		5117	1253								6370
0.99			2673	48							2673
1.49											48
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	5117	3926	48	0	0	0	0	0	0	0
TOTAL	0	5117	3926	48	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.36 LARGEST HS(FT) = 1.40 ANGLE CLASS % = 9.1

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1544	1246								2790
0.99			1419	20							1439
1.49				20							20
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	1544	2665	40	0	0	0	0	0	0	0
TOTAL	0	1544	2665	40	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 4.3

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		927	1890								2817
0.99			1502	117							1619
1.49				62							62
1.99				6							6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	927	3392	185	0	0	0	0	0	0	0
TOTAL	0	927	3392	185	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.63 ANGLE CLASS % = 4.5

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			90								90
0.99				1391							1391
1.49				415	727						1142
1.99					242						242
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER	0	0	90	1806	975	0	0	0	0	0	0
TOTAL	0	0	90	1806	975	0	0	0	0	0	0

AVERAGE HS(FT) = 1.01 LARGEST HS(FT) = 2.12 ANGLE CLASS % = 2.9

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	6	173	.	.	.	.	.	.	179
0.50	.	.	.	519	484	.	.	.	.	.	1003
0.51	1585	.	.	.	.	.	1585
0.52	872	.	.	.	.	.	872
0.53	103	.	.	.	.	103
0.54	304	.	.	.	.	304
0.55	6	20	.	.	.	26
0.56	0
0.57	0
0.58	0
0.59	0
0.60	0
GREATER	0
TOTAL	0	0	6	692	2941	413	20	0	0	0	0

AVERAGE HS(FT) = 1.28 LARGEST HS(FT) = 2.84 ANGLE CLASS % = 4.1

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	131	.	.	.	.	.	.	.	131
0.50	.	.	.	900	.	.	.	.	.	.	900
0.51	.	.	.	304	761	.	.	.	.	.	1065
0.52	616	.	.	.	.	.	616
0.53	90	6	.	.	.	.	96
0.54	0
0.55	0
0.56	0
0.57	0
0.58	0
0.59	0
0.60	0
GREATER	0
TOTAL	0	0	131	1204	1467	6	0	0	0	0	0

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.43 ANGLE CLASS % = 2.8

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1218	.	.	.	.	.	.	.	1218
0.50	.	.	685	2056	.	.	.	.	.	.	2741
0.51	.	.	.	1038	145	.	.	.	.	.	1183
0.52	540	.	.	.	.	.	540
0.53	41	6	.	.	.	.	47
0.54	0
0.55	0
0.56	0
0.57	0
0.58	0
0.59	0
0.60	0
GREATER	0
TOTAL	0	0	1903	3094	732	0	0	0	0	0	0

AVERAGE HS(FT) = 0.88 LARGEST HS(FT) = 2.61 ANGLE CLASS % = 5.7

STATION 18 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	844	.	.	.	.	.	.	.	844
0.50	.	.	1059	1516	.	.	.	.	.	.	2575
0.51	.	.	.	1925	.	.	.	.	.	.	1925
0.52	373	.	.	.	.	.	373
0.53	20	.	.	.	.	.	20
0.54	0
0.55	0
0.56	0
0.57	0
0.58	0
0.59	0
0.60	0
GREATER	0
TOTAL	0	0	1903	3441	393	0	0	0	0	0	0

AVERAGE HS(FT) = 0.91 LARGEST HS(FT) = 2.22 ANGLE CLASS % = 5.7

STATION 18 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00	.	1418	1377	65	50						2910
0.00	.		1452	193	1500	76	76	65	.	.	3761
0.00	.	.	.	90	1010			5	.	.	1916
0.00	.	.	.	40	62	21	.	.	.	.	66
0.00	25	57	.	.	.	.	111
0.00	2	148	.	.	.	151
0.00	53	68	.	.	121
0.00	64	.	.	64
0.00	0
GREATER	0
TOTAL	0	1418	2829	2940	1868	156	277	198	0	0	14440

AVE HS (FT) = 0.83 LARGEST HS (FT) = 4.94 TOTAL CASES = 14440.

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.00			1834								1834
0.50			1752	3043							4795
1.00				1548							1548
1.50				61	88						149
2.00											0
2.50											0
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.00											0
TOTAL	0	0	3586	4652	88	0	0	0	0	0	0

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 1.92 ANGLE CLASS % = 8.3

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.00			441								441
0.50			747	1881							2628
1.00				849	251						1100
1.50					217						217
2.00											0
2.50											0
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.00											0
TOTAL	0	0	1188	2730	468	0	0	0	0	0	0

AVERAGE HS(FT) = 0.85 LARGEST HS(FT) = 1.85 ANGLE CLASS % = 4.4

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.00			20	183							203
0.50				2432							2432
1.00				183	2364						2547
1.50					923						923
2.00					54						54
2.50											0
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.00											0
TOTAL	0	0	20	2798	3341	0	0	0	0	0	0

AVERAGE HS(FT) = 1.09 LARGEST HS(FT) = 2.28 ANGLE CLASS % = 6.2

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.00				101	360						461
0.50					550						550
1.00					1677						1677
1.50					896						896
2.00						190					190
2.50											0
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.00											0
TOTAL	0	0	0	101	3483	251	0	0	0	0	0

AVERAGE HS(FT) = 1.25 LARGEST HS(FT) = 2.48 ANGLE CLASS % = 3.8

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49				176							176
0.50-0.99					366	631	767	550			2314
1.00-1.49								129			129
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	0	176	366	631	2709	1833	6	6	6

AVERAGE HS (FT) = 2.04 LARGEST HS (FT) = 5.02 ANGLE CLASS % = 5.7

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			937								937
0.50-0.99			61	2065							2126
1.00-1.49				285	733						1018
1.50-1.99					47						47
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	998	2350	780	0	0	0	0	0	0

AVERAGE HS (FT) = 0.80 LARGEST HS (FT) = 1.90 ANGLE CLASS % = 4.1

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49											5338
0.50-0.99		2343	2995	47							5338
1.00-1.49			3471	88							3559
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	2343	6466	135	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.45 LARGEST HS (FT) = 1.26 ANGLE CLASS % = 8.9

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49											6480
0.50-0.99		5074	1406								2228
1.00-1.49			2228								2228
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	5074	3634	0	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.33 LARGEST HS (FT) = 0.86 ANGLE CLASS % = 8.7

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		6759	2214								8973
0.99			5095								5095
1.49				47							47
1.99				6							6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	6759	7309	53	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.39 LARGEST HS (FT) = 1.54 ANGLE CLASS % = 14.1

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		2221	1596								3817
0.99			2370								2370
1.49				6							6
1.99				54							54
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	2221	3966	60	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.43 LARGEST HS (FT) = 1.17 ANGLE CLASS % = 6.3

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1263	2588								3851
0.99			2513								2723
1.49				210							210
1.99				88							88
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	1263	5101	298	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.48 LARGEST HS (FT) = 1.32 ANGLE CLASS % = 6.7

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			108								108
0.99				1644							1644
1.49				631	754						1385
1.99					353						353
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	108	2275	1113	0	0	0	0	0	0

AVERAGE HS (FT) = 1.01 LARGEST HS (FT) = 2.06 ANGLE CLASS % = 3.5

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			13	108							121
0.99				611	658						1269
1.49					1922						1922
1.99					883	81					964
2.49						292					292
2.99							13				13
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	0	13	719	3463	373	13	0	0	0	0
TOTAL	0	0	13	719	3463	373	13	0	0	0	0

AVERAGE HS (FT) = 1.25 LARGEST HS (FT) = 2.70 ANGLE CLASS % = 4.6

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			40								40
0.99				1195							1195
1.49				421	781						1202
1.99					577						577
2.49					54	6					60
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	0	40	1616	1412	6	0	0	0	0	0
TOTAL	0	0	40	1616	1412	6	0	0	0	0	0

AVERAGE HS (FT) = 1.12 LARGEST HS (FT) = 2.49 ANGLE CLASS % = 3.1

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1086								1086
0.99			516	1786							2302
1.49				951	149						1100
1.99					292						292
2.49					27						27
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	0	1602	2737	468	0	0	0	0	0	0
TOTAL	0	0	1602	2737	468	0	0	0	0	0	0

AVERAGE HS (FT) = 0.86 LARGEST HS (FT) = 2.13 ANGLE CLASS % = 4.8

STATION 18 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			301								301
0.99			903	1066							1969
1.49				1086							1086
1.99					258						258
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	0	1704	2152	264	0	0	0	0	0	0
TOTAL	0	0	1704	2152	264	0	0	0	0	0	0

AVERAGE HS (FT) = 0.85 LARGEST HS (FT) = 2.06 ANGLE CLASS % = 4.1

STATION 18 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(Feet)	PERIOD(Seconds)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1766	1608	57	36	.	.	.	.	.	3467
0.50-0.99	.	.	1966	1599	157	63	76	55	.	.	3916
1.00-1.49	.	.	.	623	863	.	.	12	.	.	1498
1.50-1.99	.	.	.	6	453	14	.	.	.	.	473
2.00-2.49	14	43	.	.	.	.	62
2.50-2.99	148	.	.	.	148
3.00-3.49	46	67	.	.	113
3.50-3.99	42	.	.	42
4.00-4.49	5	.	.	5
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
TOTAL	0	1766	3574	2285	1523	125	270	181	0	0	14720

AVE HS(FT) = 0.75 LARGEST HS(FT) = 5.02 TOTAL CASES = 14720.

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2506								2506
0.99			1671	1107							2778
1.49				1086							1086
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	4177	1221	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.50 ANGLE CLASS % = 5.4

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			903								903
0.99			781	1637							2418
1.49				258	40						300
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	1684	1895	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.65 LARGEST HS(FT) = 1.46 ANGLE CLASS % = 3.6

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			20	400							420
0.99				4809							4809
1.49				122	2812						2934
1.99					346						346
2.49						6					6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	20	5331	3158	6	0	0	0	0	0

AVERAGE HS(FT) = 0.94 LARGEST HS(FT) = 2.37 ANGLE CLASS % = 8.5

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49				264	855						1119
0.99					1311						1311
1.49					2561						2561
1.99					706						706
2.49						61					61
2.99						61					61
3.49							6				6
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	0	264	5433	122	6	0	0	0	0

AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 3.35 ANGLE CLASS % = 5.8

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	468							474
0.99					1209	1324	1372	389			4794
1.49								61			61
1.99											0
2.49											0
2.99							1188				1188
3.49							394				394
3.99								122			122
4.49									6		6
4.99										6	6
5.00											0
GREATER											0
TOTAL	0	0	6	468	1209	1324	2954	1377	6	6	6

AVERAGE HS(FT) = 1.33 LARGEST HS(FT) = 5.61 ANGLE CLASS % = 7.4

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1148								1148
0.99			47	1419							1466
1.49				61	142						203
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	1195	1480	142	0	0	0	0	0	0

AVERAGE HS(FT) = 0.63 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 2.8

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1902								1902
0.99		2955	645								3600
1.49				6							6
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	2955	2547	6	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.31 LARGEST HS(FT) = 1.55 ANGLE CLASS % = 5.5

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			394								394
0.99		4177	298								4475
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	4177	692	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.22 LARGEST HS(FT) = 0.96 ANGLE CLASS % = 4.9

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49		8457	1324								9781
1.00 - 0.99			1154								1154
1.50 - 1.49											0
2.00 - 1.99											0
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - 4.99											0
5.50 - 5.49											0
GREATER											0
TOTAL	0	8457	2478	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.25 LARGEST HS(FT) = 0.96 ANGLE CLASS % = 10.9

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49		4273	1263								5536
1.00 - 0.99			570	13							583
1.50 - 1.49											0
2.00 - 1.99											0
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - 4.99											0
5.50 - 5.49											0
GREATER											0
TOTAL	0	4273	1833	13	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.27 LARGEST HS(FT) = 0.97 ANGLE CLASS % = 6.1

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49		3125	3831								6956
1.00 - 0.99			1270								1270
1.50 - 1.49											0
2.00 - 1.99											0
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - 4.99											0
5.50 - 5.49											0
GREATER											0
TOTAL	0	3125	5101	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.34 LARGEST HS(FT) = 0.85 ANGLE CLASS % = 8.2

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49			237								237
1.00 - 0.99				3525							3525
1.50 - 1.49				597	543						1140
2.00 - 1.99					13						13
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - 4.99											0
5.50 - 5.49											0
GREATER											0
TOTAL	0	0	237	4122	556	0	0	0	0	0	0

AVERAGE HS(FT) = 0.82 LARGEST HS(FT) = 1.68 ANGLE CLASS % = 4.9

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	6	461	.	.	.	.	.	.	467
0.5-0.99	.	.	.	1345	1433	.	.	.	.	.	2778
1.0-1.49	4354	.	.	.	.	.	4354
1.5-1.99	699	.	.	.	.	.	719
2.0-2.49	20	.	.	.	.	47
2.5-2.99	47	.	.	.	.	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	6	1806	6486	67	0	0	0	0	0

AVERAGE HS (FT) = 1.06 LARGEST HS (FT) = 2.13 ANGLE CLASS % = 8.4

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	230	.	.	.	.	.	.	.	230
0.5-0.99	.	.	.	2533	.	.	.	.	.	.	2533
1.0-1.49	.	.	.	502	1127	.	.	.	.	.	1629
1.5-1.99	163	.	.	.	.	.	163
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	230	3035	1290	0	0	0	0	0	0

AVERAGE HS (FT) = 0.91 LARGEST HS (FT) = 1.92 ANGLE CLASS % = 4.6

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	1990	.	.	.	.	.	.	.	1990
0.5-0.99	.	.	788	1209	.	.	.	.	.	.	1997
1.0-1.49	.	.	.	169	6	.	.	.	.	.	175
1.5-1.99	6	.	.	.	.	.	6
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	2778	1378	12	0	0	0	0	0	0

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 1.71 ANGLE CLASS % = 4.2

STATION 18 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	1501	.	.	.	.	.	.	.	1501
0.5-0.99	.	.	896	339	.	.	.	.	.	.	1235
1.0-1.49	.	.	.	95	.	.	.	.	.	.	95
1.5-1.99	0
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	2397	434	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.53 LARGEST HS (FT) = 1.38 ANGLE CLASS % = 2.8

STATION 18 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	2298	1726	159	85	.	.	.	.	.	4268
0.5-0.99	.	.	812	1794	385	132	137	80	.	.	3358
1.0-1.49	.	.	.	191	1153	.	.	6	.	.	1355
1.5-1.99	.	.	.	1	193	8	.	.	.	.	202
2.0-2.49	11	.	.	.	.	11
2.5-2.99	118	.	.	.	118
3.0-3.49	40	30	.	.	70
3.5-3.99	12	.	.	12
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	2298	2538	2145	1831	151	295	136	0	0	14720

AVE HS(FT) = 0.62 LARGEST HS(FT) = 5.61 TOTAL CASES = 14720.

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			3056								3056
0.50-0.99			2657	3447							6104
1.00-1.49				1702							1702
1.50-1.99				157	274						431
2.00-2.49					34						34
2.50-2.99					6						6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	5713	5396	314	0	0	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.61 ANGLE CLASS % = 11.4

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1153								1153
0.50-0.99			1133	3303							4436
1.00-1.49				1112							1400
1.50-1.99					268						178
2.00-2.49					178						20
2.50-2.99					20						0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	2286	4415	486	0	0	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 0.78 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 7.2

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			27								404
0.50-0.99				377							721
1.00-1.49				572							1308
1.50-1.99				295							1373
2.00-2.49					501						116
2.50-2.99					137						0
3.00-3.49					116						0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	27	6393	6502	0	0	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 2.29 ANGLE CLASS % = 12.9

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				412	1346						1758
0.50-0.99					1456						1456
1.00-1.49					3770						3770
1.50-1.99					2046						2100
2.00-2.49						144					418
2.50-2.99						418					33
3.00-3.49						6					0
3.50-3.99							27				0
4.00-4.49							6				0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	0	412	8618	568	33	0	0	0	0
TOTAL											

AVERAGE HS(FT) = 1.17 LARGEST HS(FT) = 3.46 ANGLE CLASS % = 9.6

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	302							308
0.99					1085	1476	1490	1394			5445
1.49								96			96
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER									20		20
TOTAL	0	0	6	302	1085	1476	4463	3116	20	6	6

AVERAGE HS(FT) = 1.79 LARGEST HS(FT) = 5.11 ANGLE CLASS % = 10.5

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1325								1325
0.99			75	2369							2444
1.49				206	418						624
1.99					27						27
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	0	1400	2575	445	0	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 1.77 ANGLE CLASS % = 4.4

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		2857	2287								5144
1.49			1428	20							1448
1.99				27							27
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	2857	3715	47	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.36 LARGEST HS(FT) = 1.10 ANGLE CLASS % = 6.6

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		3221	460								3681
1.49			659								659
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	3221	1119	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.27 LARGEST HS(FT) = 0.99 ANGLE CLASS % = 4.3

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	4436	1695	0	0	0	0	0	0	0	5012

AVERAGE HS (FT) = 0.28 LARGEST HS (FT) = 0.96 ANGLE CLASS % = 6.1

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	1490	837	0	0	0	0	0	0	0	1922

AVERAGE HS (FT) = 0.29 LARGEST HS (FT) = 0.90 ANGLE CLASS % = 2.3

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	1112	1702	40	0	0	0	0	0	0	2375

AVERAGE HS (FT) = 0.35 LARGEST HS (FT) = 1.20 ANGLE CLASS % = 2.9

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.5											
1.0											
1.5											
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	89	1311	411	0	0	0	0	0	89

AVERAGE HS (FT) = 0.89 LARGEST HS (FT) = 1.82 ANGLE CLASS % = 1.8

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	267							273
0.99				604	707						1311
1.49					1456						1456
1.99					309						309
2.49						41					41
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	6	871	2472	41	0	0	0	0	0

AVERAGE HS(FT) = 1.03 LARGEST HS(FT) = 2.41 ANGLE CLASS % = 3.4

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			89								89
0.99				1270							1270
1.49				336	508						844
1.99					185						185
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	89	1606	699	0	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 2.06 ANGLE CLASS % = 2.4

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1620								1620
0.99			645	1401							2046
1.49				501	48						549
1.99					96						96
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	2265	1902	144	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 1.89 ANGLE CLASS % = 4.3

STATION 18 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1270								1270
0.99			1085	1050							2135
1.49				762							762
1.99					89						89
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	2355	1812	89	0	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.89 ANGLE CLASS % = 4.3

STATION 18 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00											2946
0.50		1311	1366	135	134						3756
1.00			964	2055	324	147	149	139			1717
1.50				524	1184			9			493
2.00				15	464	14					53
2.50					17	46					225
3.00							225				169
3.50							75	94			61
4.00								61			6
4.50									2		2
5.00										2	0
GREATER											0
TOTAL	0	1311	2330	2707	2123	207	449	309	2	0	

AVE HS(FT) = 0.81 LARGEST HS(FT) = 5.11 TOTAL CASES = 14560.

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2352								2352
0.99			2097	3066							5163
1.49				1695							1695
1.99				154	225						379
2.49					13						13
2.99					1						1
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	4449	4915	239	0	0	0	0	0	0

AVERAGE HS(FT) = 0.78 LARGEST HS(FT) = 2.61 ANGLE CLASS % = 9.6

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			770								770
0.99			833	2358							3201
1.49				870	287						1157
1.99					207						207
2.49					11						11
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	1603	3238	505	0	0	0	0	0	0

AVERAGE HS(FT) = 0.81 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 5.3

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			17	261							278
0.99				3542							3542
1.49				205	3348						3553
1.99					1004						1004
2.49					54	3					57
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	17	4408	4406	3	0	0	0	0	0

AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 2.45 ANGLE CLASS % = 8.8

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49				234	766						1000
0.99					694						694
1.49					2592						2592
1.99					1214						1214
2.49						94					94
2.99						231					231
3.49						5					5
3.99							13				13
4.49							3				3
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	0	234	5566	330	16	0	0	0	0

AVERAGE HS(FT) = 1.17 LARGEST HS(FT) = 3.46 ANGLE CLASS % = 6.1

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			5	296	781	1050	1100	872			301
0.99								85			3803
1.49											85
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	0	5	296	781	1050	3214	2079	8	0	1579

AVERAGE HS(FT) = 1.77 LARGEST HS(FT) = 5.61 ANGLE CLASS % = 7.4

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1086	2101	503						1086
0.99			59	213	503						2160
1.49					20						716
1.99											20
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	0	1145	2314	523	0	0	0	0	0	0

AVERAGE HS(FT) = 0.74 LARGEST HS(FT) = 1.90 ANGLE CLASS % = 4.0

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		2674	2455	32							5129
0.99			2099	421							2131
1.49											421
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	2674	4554	75	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.39 LARGEST HS(FT) = 1.55 ANGLE CLASS % = 7.3

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		4134	793								4927
0.99			1115								1115
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
GREATER											0
TOTAL	0	4134	1908	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.29 LARGEST HS(FT) = 0.99 ANGLE CLASS % = 6.0

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	6202	1344	.	.	.	.	.	.	.	7546
0.99	.	.	2513	.	.	.	.	.	.	.	2513
1.49	.	.	.	23	.	.	.	.	.	.	23
1.99	.	.	.	1	.	.	.	.	.	.	1
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	6202	3857	24	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.33 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 10.1

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	2388	1136	.	.	.	.	.	.	.	3524
0.99	.	.	1192	10	.	.	.	.	.	.	1202
1.49	.	.	.	18	.	.	.	.	.	.	18
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	2388	2328	28	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.36 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 4.7

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	1611	2399	.	.	.	.	.	.	.	4010
0.99	.	.	1433	88	.	.	.	.	.	.	1521
1.49	.	.	.	41	.	.	.	.	.	.	41
1.99	.	.	.	1	.	.	.	.	.	.	1
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	1611	3832	130	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.41 LARGEST HS(FT) = 1.63 ANGLE CLASS % = 5.6

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	131	.	.	.	.	.	.	.	131
0.99	.	.	.	1925	.	.	.	.	.	.	1925
1.49	.	.	.	460	592	.	.	.	.	.	1052
1.99	163	.	.	.	.	.	163
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	131	2385	764	0	0	0	0	0	0

AVERAGE HS(FT) = 0.92 LARGEST HS(FT) = 2.12 ANGLE CLASS % = 3.3

AD-A133 341

MISSISSIPPI SOUND WAVE-HINDCAST STUDY: APPENDICES E
THROUGH G(U) ARMY ENGINEER WATERWAYS EXPERIMENT STATION
VICKSBURG MS HYDRAULICS LAB R E JENSEN APR 83

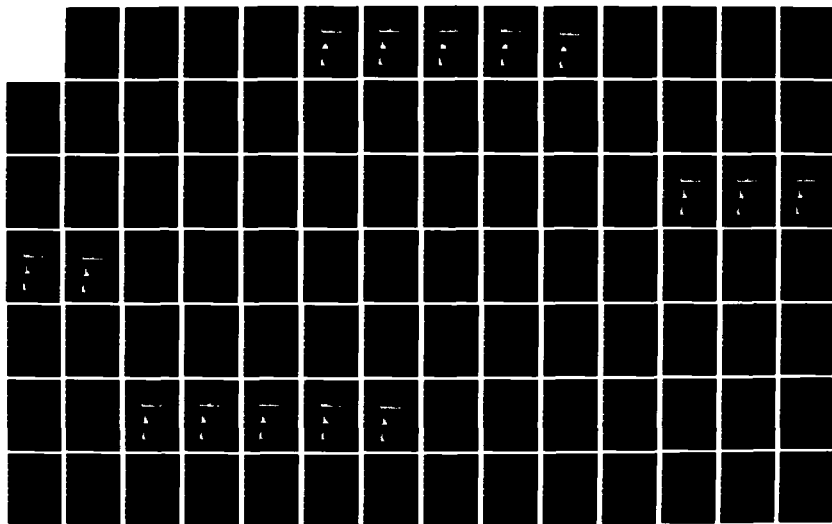
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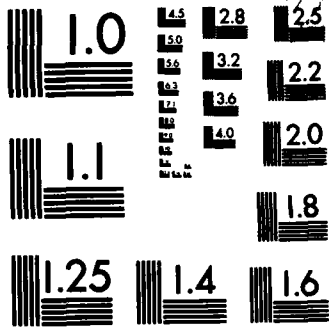
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			8	253							261
0.5-0.99				771							1594
1.0-1.49					823						2336
1.5-1.99					691						1711
2.0-2.49						51					179
2.5-2.99						171					179
3.0-3.49							8				8
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0- GREATER											0
TOTAL	0	0	8	1024	3849	223	8	0	0	0	5194

AVERAGE HS (FT) = 1.14 LARGEST HS (FT) = 2.84 ANGLE CLASS % = 5.1

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			123								123
0.5-0.99				1478							1478
1.0-1.49				391	796						1186
1.5-1.99					365						365
2.0-2.49					37						37
2.5-2.99						3					3
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0- GREATER											0
TOTAL	0	0	123	1869	1217	3	0	0	0	0	3212

AVERAGE HS (FT) = 1.02 LARGEST HS (FT) = 2.49 ANGLE CLASS % = 3.2

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			1480								1480
0.5-0.99			658	1611							2269
1.0-1.49				663							750
1.5-1.99					83						232
2.0-2.49					17						17
2.5-2.99					1						1
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0- GREATER											0
TOTAL	0	0	2138	2274	337	0	0	0	0	0	4749

AVERAGE HS (FT) = 0.77 LARGEST HS (FT) = 2.61 ANGLE CLASS % = 4.8

STATION 18 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			1105								1105
0.5-0.99			985	990							1975
1.0-1.49				963							963
1.5-1.99					179						179
2.0-2.49					6						6
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0- GREATER											0
TOTAL	0	0	2090	1953	185	0	0	0	0	0	4228

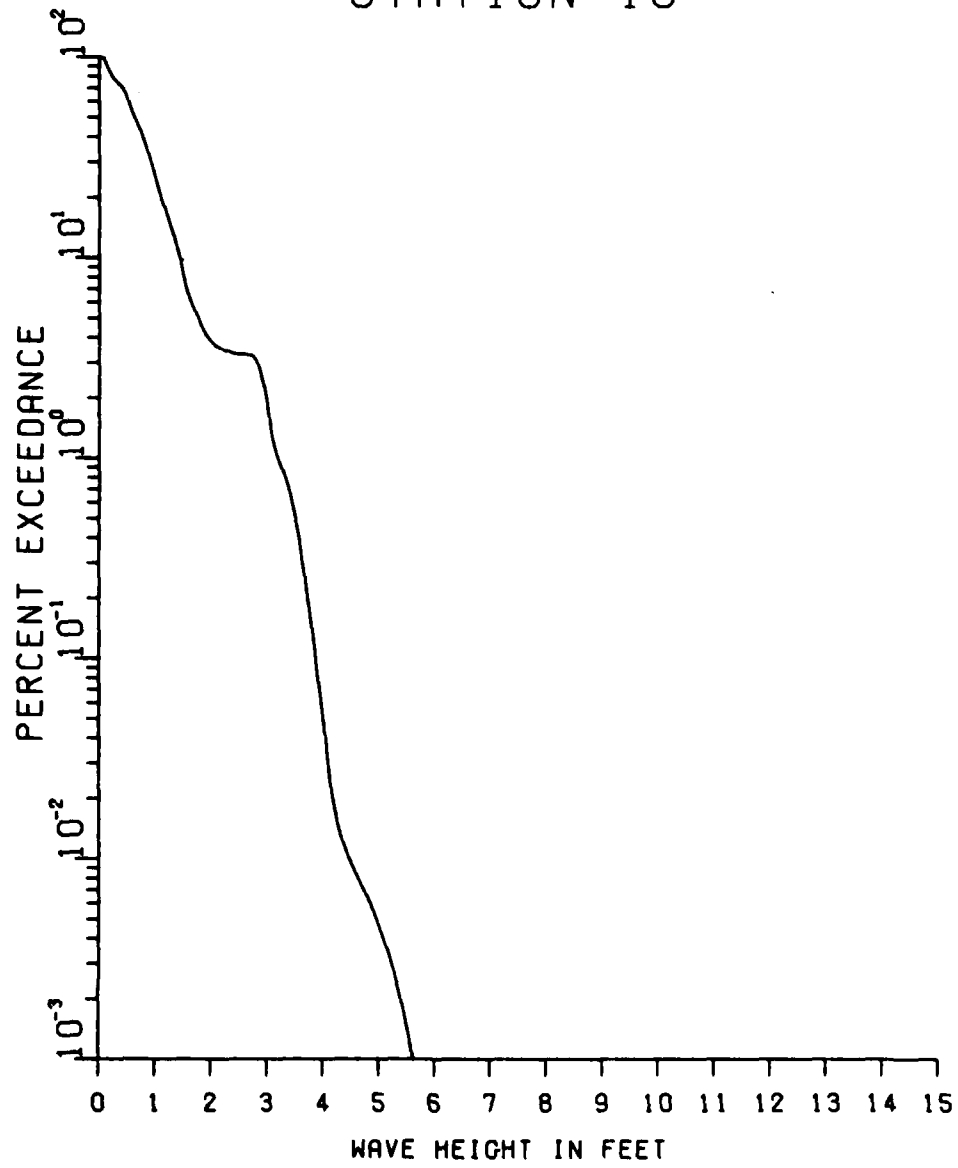
AVERAGE HS (FT) = 0.79 LARGEST HS (FT) = 2.22 ANGLE CLASS % = 4.2

STATION 18 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 15.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0	.	1701	1521	104	76						3402
0.50	.	.	1299	1838	259	105	110	87	.	.	3698
1.00	.	.	.	559	1054	14	.	8	.	.	1621
1.50	.	.	.	15	433	14	.	.	.	.	462
2.00	14	40	.	.	.	.	54
2.50	160	.	.	.	160
3.00	53	65	.	.	118
3.50	42	.	.	42
4.00	4	.	.	4
4.50	0
5.00	0
GREATER	0
TOTAL	0	1701	2820	2516	1836	159	323	206	0	0	

AVE HS(FT) = 0.75 LARGEST HS(FT) = 5.61 TOTAL CASES = 58440

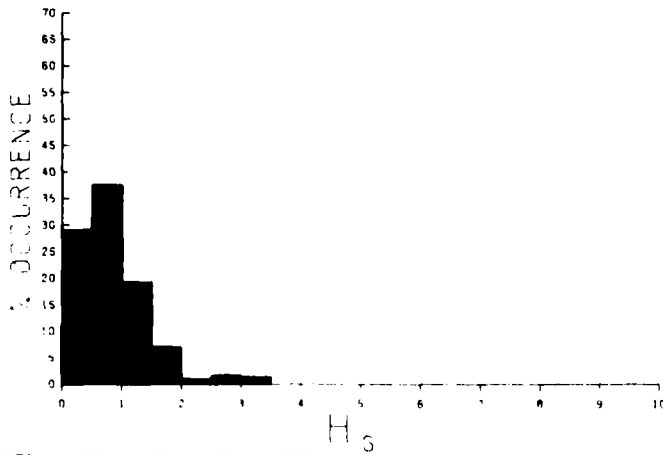
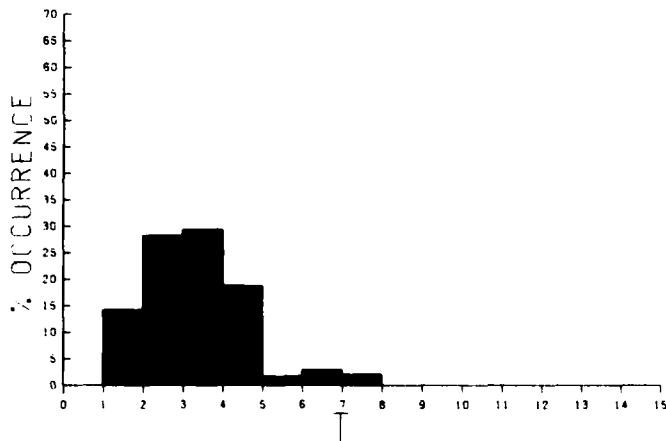
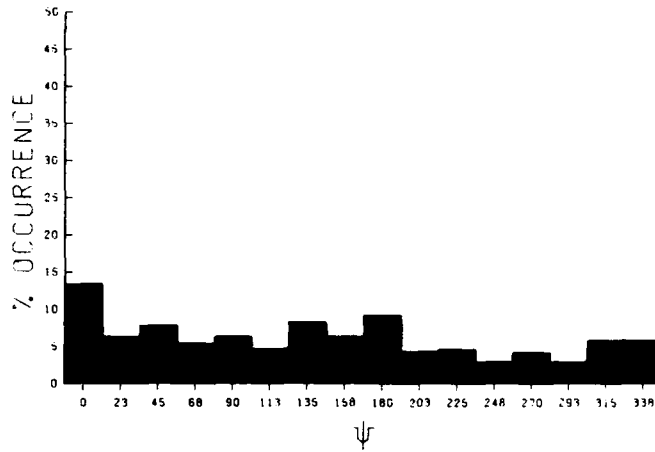
STATION 18



STATION 18

DEC. - FEB.

14440 CASES

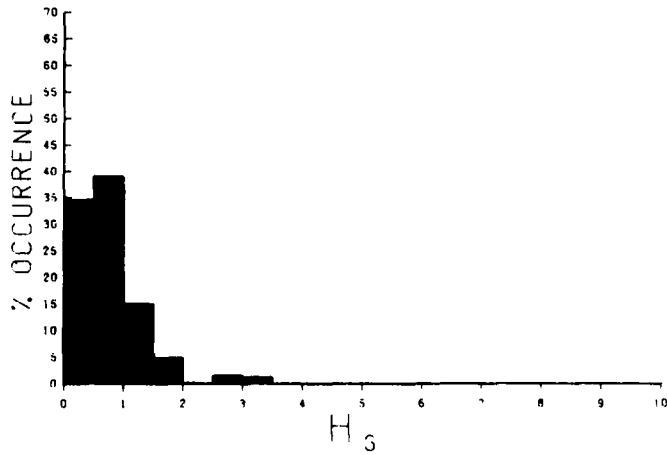
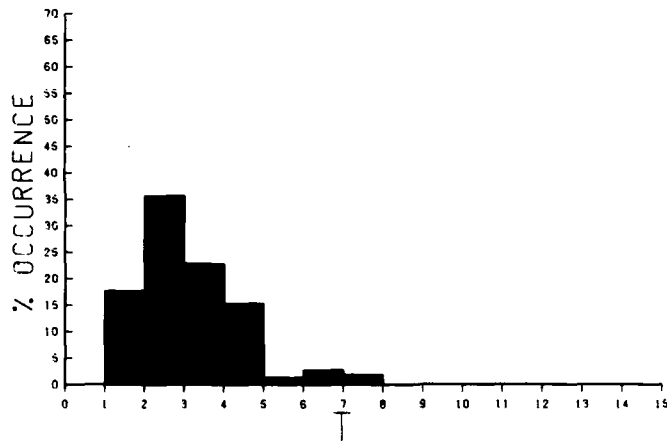
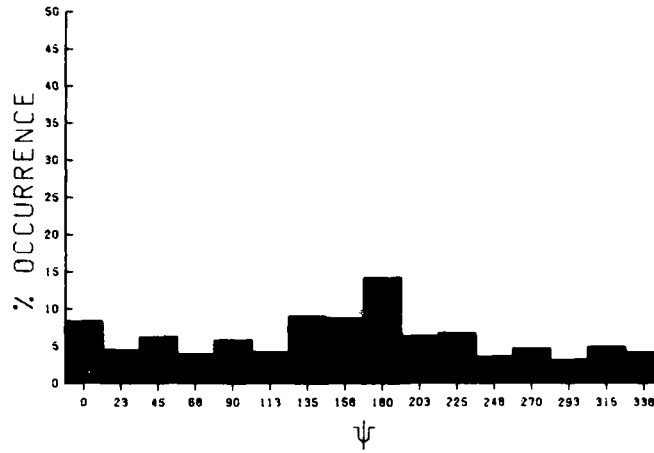


E199

STATION 18

MAR. - MAY

14720 CASES

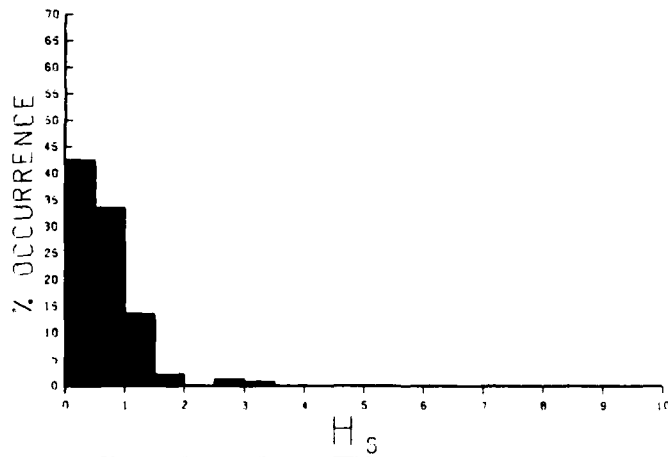
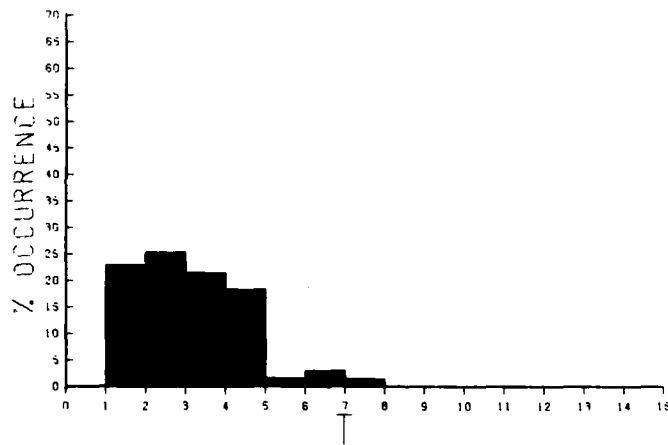
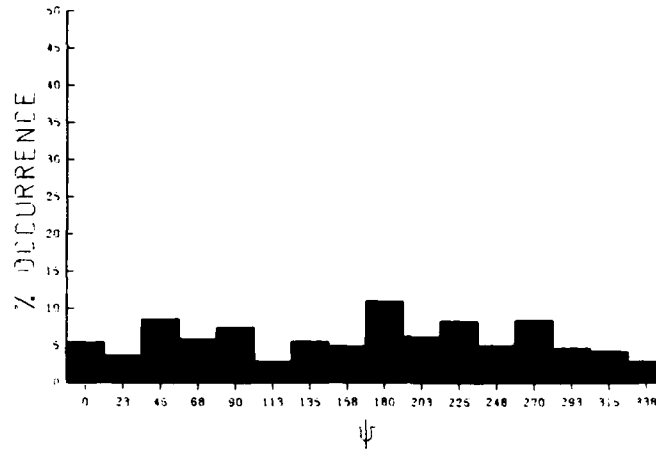


E200

STATION 18

JUN. - AUG.

14720 CASES

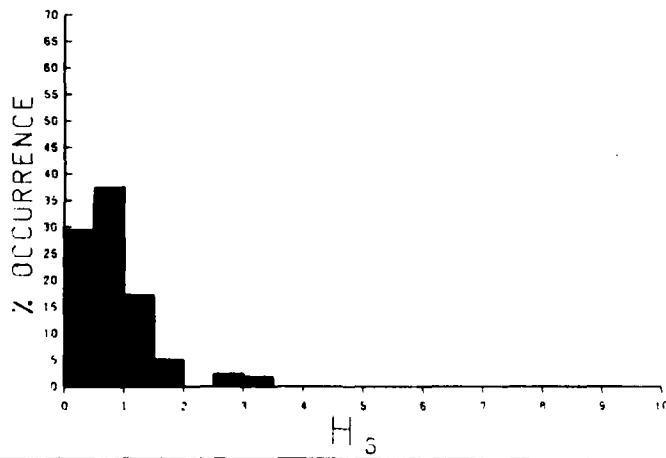
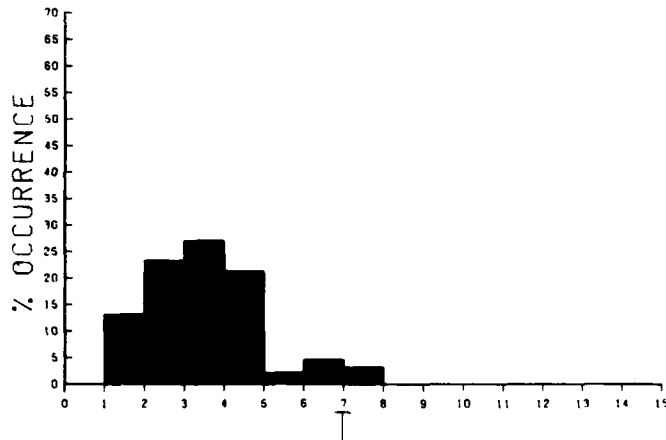
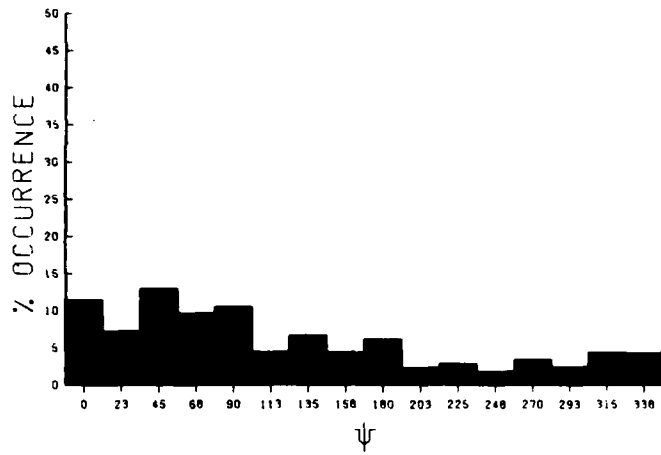


E201

STATION 18

SEP. - NOV.

14560 CASES

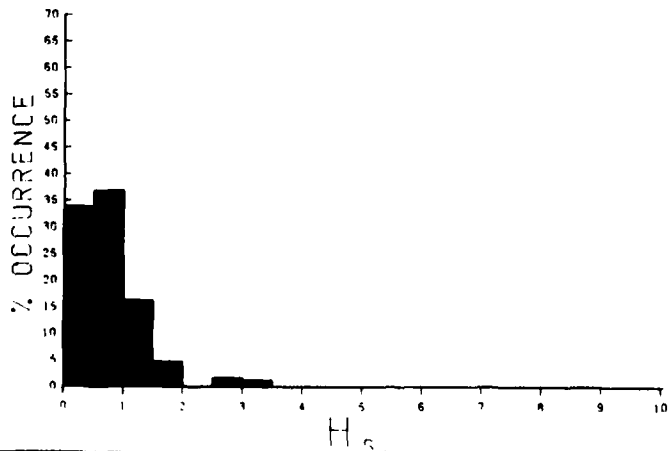
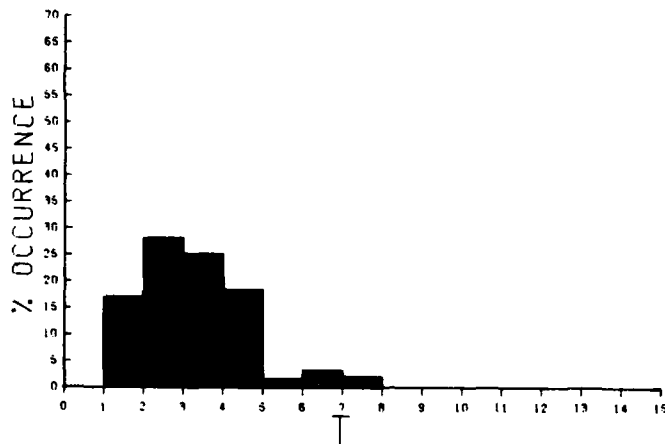
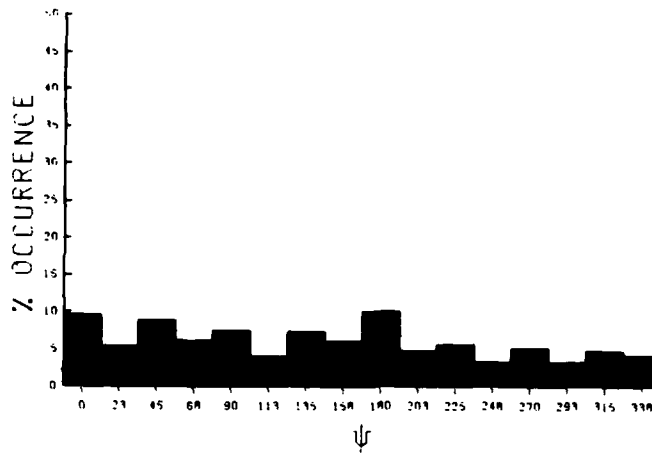


E202

STATION 18

JAN. - DEC.

58440 CASES



E203

MEAN HS(FEET) BY MONTH AND YEAR

STATION 18

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.8	0.5	0.6	0.6	0.5	0.5	0.5	0.4	0.7	0.7	0.6	0.5	0.6
1957	0.6	0.7	0.7	0.6	0.5	0.4	0.6	0.8	0.7	0.8	0.8	0.6	0.7
1958	0.9	0.8	0.8	0.9	0.8	0.6	0.6	0.6	1.0	1.0	0.9	1.0	0.8
1959	0.9	1.0	1.0	0.7	0.7	0.7	0.7	0.9	1.1	1.1	1.1	1.1	0.9
1960	1.1	1.0	1.1	0.8	0.7	0.7	0.7	0.6	1.0	0.7	0.8	1.0	0.8
1961	1.0	0.9	0.8	0.9	0.7	0.6	0.5	0.7	0.9	0.9	0.9	0.8	0.8
1962	1.0	0.8	1.0	0.8	0.6	0.6	0.6	0.6	0.7	0.5	0.7	0.7	0.7
1963	0.7	0.8	0.6	0.6	0.6	0.6	0.5	0.4	0.8	0.9	0.9	1.0	0.7
1964	1.0	1.3	1.0	0.7	0.8	0.7	0.8	0.7	1.0	1.1	0.9	0.9	0.9
1965	0.9	1.2	1.0	0.8	0.8	0.8	0.6	0.5	1.0	1.2	0.9	1.0	0.9
1966	1.1	1.1	1.0	0.8	1.1	0.8	0.7	0.5	0.6	0.8	0.8	1.0	0.8
1967	0.7	0.8	0.7	0.7	0.7	0.8	0.6	0.6	0.9	0.7	0.7	0.7	0.7
1968	0.8	0.8	0.7	0.6	0.7	0.6	0.7	0.7	0.6	0.7	0.7	0.8	0.7
1969	0.9	0.8	0.9	0.7	0.8	0.6	0.6	0.8	0.7	1.1	0.7	0.9	0.8
1970	0.8	0.8	0.9	0.6	0.7	0.6	0.6	0.6	0.8	1.0	0.8	0.8	0.8
1971	0.6	1.0	1.0	0.9	0.7	0.7	0.6	0.9	0.9	0.6	0.9	0.7	0.8
1972	0.8	0.7	0.6	0.7	0.8	0.8	0.7	0.6	0.7	0.9	0.9	0.7	0.7
1973	0.9	0.8	0.8	0.8	0.6	0.5	0.5	0.6	0.9	0.8	0.6	0.8	0.7
1974	0.6	0.7	0.7	0.7	0.6	0.5	0.6	0.5	0.7	0.8	0.7	0.7	0.7
1975	0.6	0.7	0.8	0.8	0.5	0.6	0.6	0.5	0.7	0.6	0.7	0.7	0.7
MEAN	0.8	0.9	0.8	0.7	0.7	0.6	0.6	0.6	0.8	0.8	0.8	0.8	

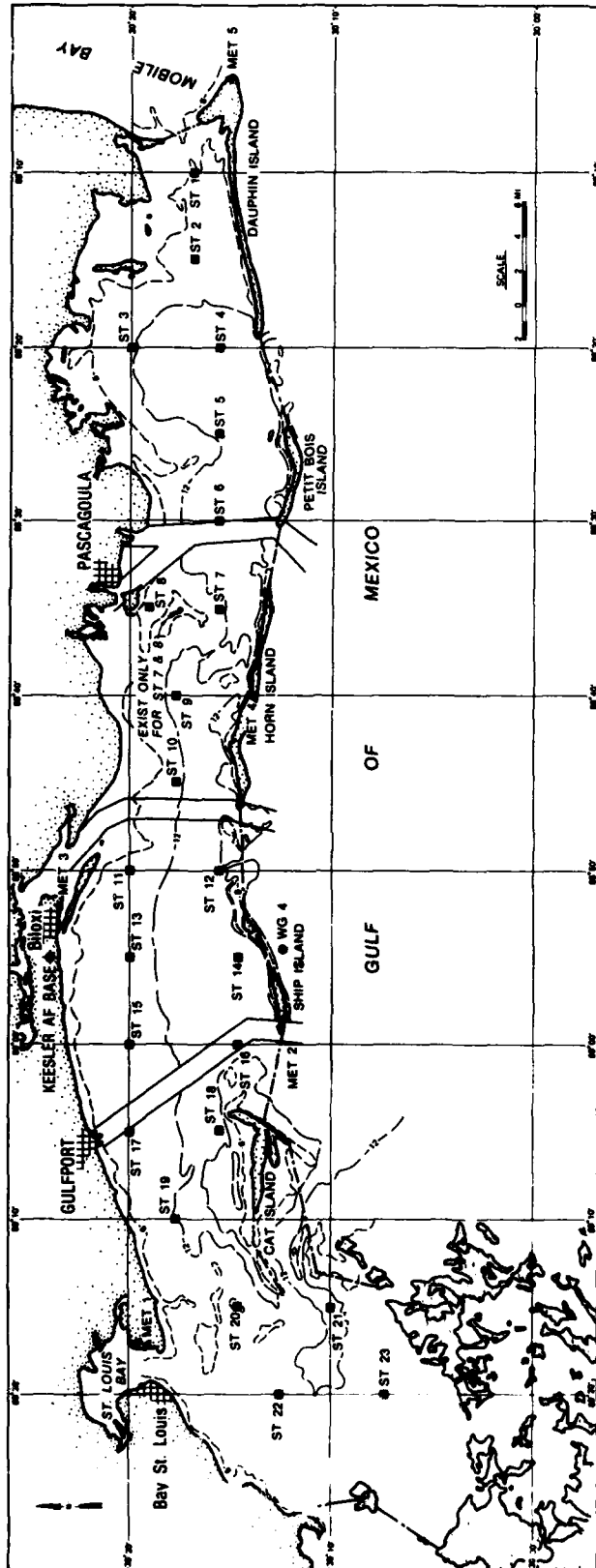
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 18

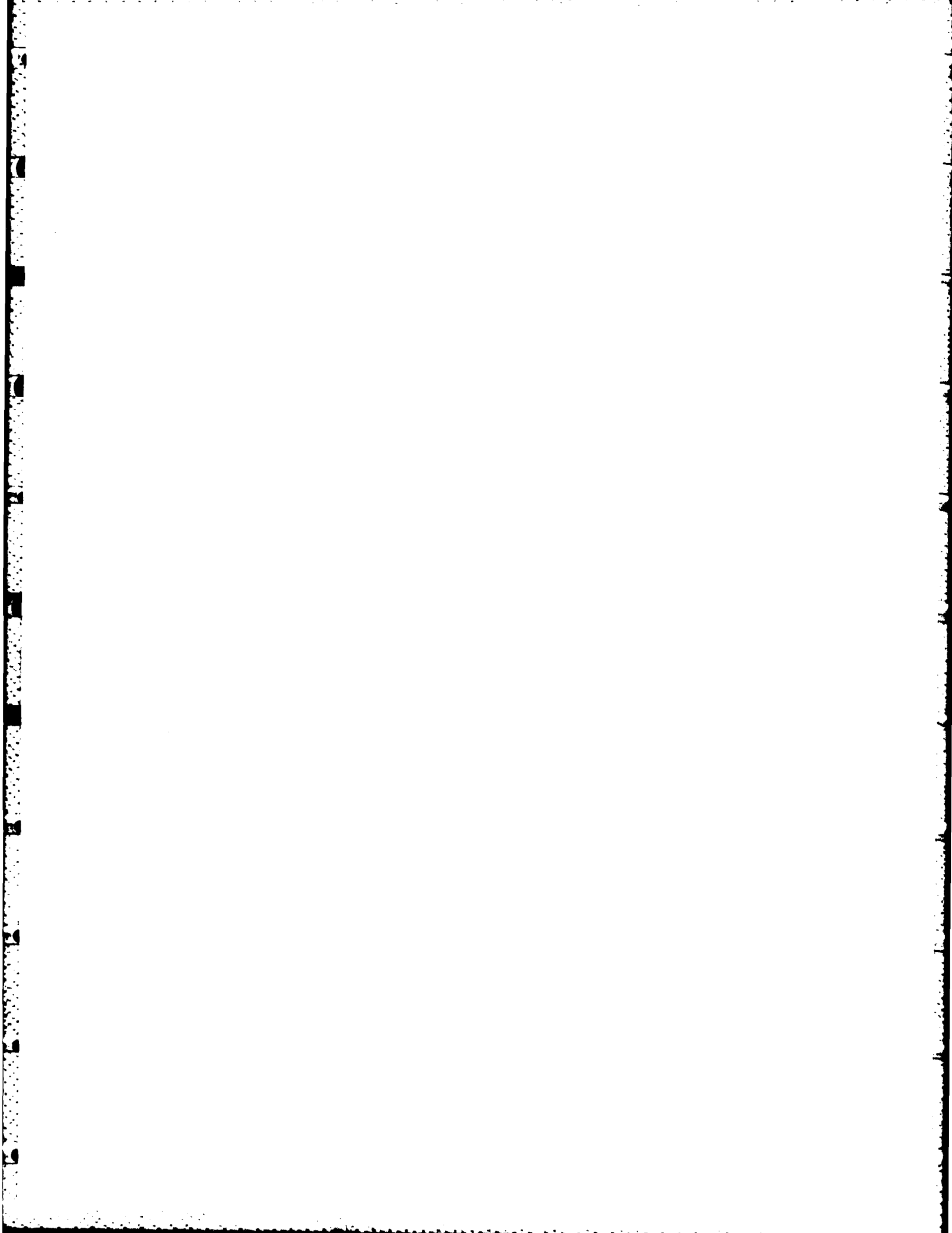
MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.2	3.1	3.3	2.9	3.1	2.9	1.8	1.3	3.8	3.1	2.9	2.8
1957	3.4	3.6	3.4	3.1	3.1	1.5	3.1	3.9	3.2	3.7	3.7	1.8
1958	4.0	3.3	3.6	4.2	4.2	3.4	3.0	3.1	4.2	3.7	3.4	3.4
1959	3.0	3.8	3.7	2.8	3.7	4.0	3.1	3.8	4.6	4.2	4.1	4.0
1960	4.2	3.6	3.6	3.7	4.0	3.3	3.0	3.1	4.0	3.0	3.8	3.6
1961	3.4	4.9	5.0	3.1	3.0	3.1	2.8	3.6	4.0	3.7	3.3	3.7
1962	3.7	3.1	2.5	3.4	3.0	3.0	3.1	3.1	3.3	3.3	3.0	3.1
1963	3.1	4.1	3.1	3.1	1.8	3.1	2.8	1.5	4.1	3.7	3.8	3.7
1964	4.0	4.2	3.8	3.3	3.3	3.4	3.7	2.8	3.8	3.7	3.4	3.6
1965	3.6	3.8	3.4	3.3	3.7	3.8	3.4	3.1	5.1	3.8	3.4	3.3
1966	3.7	4.2	3.7	3.3	4.1	3.8	3.7	3.3	3.3	3.3	3.4	3.6
1967	3.0	3.3	3.3	3.4	2.4	3.3	2.8	3.3	3.6	3.3	3.1	3.7
1968	3.4	3.1	3.1	2.8	3.3	3.4	3.3	3.1	3.4	3.3	3.4	3.6
1969	3.4	4.1	3.8	3.6	3.6	3.0	3.0	5.6	3.4	3.6	3.8	3.8
1970	3.3	4.0	4.0	3.1	3.7	3.0	3.4	3.3	3.4	4.0	3.7	4.1
1971	3.8	3.8	4.4	3.8	3.1	4.4	3.7	3.4	3.6	2.8	4.0	3.7
1972	3.6	3.3	3.0	3.7	3.7	3.6	4.0	3.0	3.6	4.0	3.8	2.8
1973	3.6	3.8	4.2	3.6	3.0	3.1	3.3	3.1	3.7	3.4	3.3	3.6
1974	3.0	3.4	3.4	4.1	3.4	3.1	3.1	3.3	3.3	3.4	3.4	3.3
1975	3.1	3.3	4.0	3.6	3.3	3.3	3.1	3.0	3.3	3.1	3.4	4.0

LARGEST HS(FEET) FOR STATION 18 = 5.6



E205



STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	2453	2569	810	.	.	.	.	.	.	5027
0.50 - 0.99	.	.	7493	567	.	.	.	.	.	.	8303
1.00 - 1.49	567
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	2458	10062	1377	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.39 ANGLE CLASS % = 13.9

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	297	1911	574	.	.	.	.	.	.	2208
0.50 - 0.99	.	.	3282	463	.	.	.	.	.	.	5856
1.00 - 1.49	463
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	297	5193	1037	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 1.39 ANGLE CLASS % = 6.5

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	2112	2926	.	.	.	.	.	.	2112
0.50 - 0.99	.	.	1004	651	55	.	.	.	.	.	3915
1.00 - 1.49	41	.	.	.	.	.	40
1.50 - 1.99	0
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	3116	3780	96	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 1.87 ANGLE CLASS % = 7.0

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	6	159	.	.	.	.	.	.	165
0.50 - 0.99	.	.	.	567	657	.	.	.	.	.	1224
1.00 - 1.49	3178	.	.	.	.	.	3178
1.50 - 1.99	650	.	.	.	.	.	650
2.00 - 2.49	34	.	.	.	.	60
2.50 - 2.99	62	.	.	.	.	60
3.00 - 3.49	6	.	.	.	.	6
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	6	726	4485	102	0	0	0	0	0

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.50 ANGLE CLASS % = 5.3

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			6	180	443	768	768				629
0.5-0.99					76						1612
1.0-1.49								713			713
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	6	180	519	768	2769	1924	54	0	6

AVERAGE HS (FT) = 2.13 LARGEST HS (FT) = 5.10 ANGLE CLASS % = 6.2

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			436	2347							436
0.5-0.99				408	962						2347
1.0-1.49					422						1370
1.5-1.99					6						422
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	436	2755	1390	0	0	0	0	0	0

AVERAGE HS (FT) = 0.94 LARGEST HS (FT) = 2.20 ANGLE CLASS % = 4.6

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2465	1537							2465
0.5-0.99			2610	1350							4147
1.0-1.49				62	48						1350
1.5-1.99					6						110
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	5075	2949	54	0	0	0	0	0	0

AVERAGE HS (FT) = 0.69 LARGEST HS (FT) = 2.09 ANGLE CLASS % = 8.1

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2707	955							2707
0.5-0.99			1696	692							2651
1.0-1.49				13	6						692
1.5-1.99											19
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	4403	1660	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.62 LARGEST HS (FT) = 1.69 ANGLE CLASS % = 6.1

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											4030
0.5		720	3310	1121							3814
1.0			2693	955							955
1.5				62							62
2.0					13						13
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	720	6003	2138	26	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 2.23 ANGLE CLASS % = 8.9

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											754
0.5			754								2174
1.0			1004	1170							858
1.5				858							159
2.0					159						13
2.5					13						6
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	0	1758	2028	178	0	0	0	0	0	0

AVERAGE HS(FT) = 0.81 LARGEST HS(FT) = 2.60 ANGLE CLASS % = 4.0

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											989
0.5				55	415	519					567
1.0						567					1481
1.5						1481					733
2.0						463					242
2.5							270				20
3.0							242				6
3.5								20			6
4.0								6			0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	0	55	415	3030	512	32	0	0	0	0

AVERAGE HS(FT) = 1.08 LARGEST HS(FT) = 3.57 ANGLE CLASS % = 4.1

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											90
0.5				90							740
1.0				415	325						1301
1.5					1301						630
2.0					547						103
2.5							83				6
3.0							103				0
3.5							6				0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
9.5											0
10.0											0
TOTAL	0	0	0	505	2173	192	0	0	0	0	0

AVERAGE HS(FT) = 1.22 LARGEST HS(FT) = 2.59 ANGLE CLASS % = 2.9

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	180	.	.	.	.	.	.	.	180
0.5-0.99	.	.	.	1904	.	.	.	.	.	.	1904
1.0-1.49	.	.	.	990	567	.	.	.	.	.	1557
1.5-1.99	408	.	.	.	.	.	408
2.0-2.49	27	.	.	.	.	.	27
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	180	2894	1002	0	0	0	0	0	0

AVERAGE HS(FT) = 1.00 LARGEST HS(FT) = 2.18 ANGLE CLASS % = 4.1

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	228	948	.	.	.	.	.	.	.	1176
0.5-0.99	.	.	775	394	.	.	.	.	.	.	1169
1.0-1.49	.	.	.	297	.	.	.	.	.	.	297
1.5-1.99	.	.	.	20	.	.	.	.	.	.	20
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	228	1723	711	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 1.63 ANGLE CLASS % = 2.7

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1156	1925	.	.	.	.	.	.	.	3081
0.5-0.99	.	.	2451	342	.	.	.	.	.	.	2797
1.0-1.49	.	.	.	380	.	.	.	.	.	.	380
1.5-1.99	.	.	.	27	.	.	.	.	.	.	27
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	1156	4376	753	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.54 LARGEST HS(FT) = 1.73 ANGLE CLASS % = 6.3

STATION 19 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1253	1592	.	.	.	.	.	.	.	2845
0.5-0.99	.	.	2908	152	.	.	.	.	.	.	3060
1.0-1.49	.	.	.	242	.	.	.	.	.	.	242
1.5-1.99	0
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	1253	4500	394	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.38 ANGLE CLASS % = 6.1

STATION 19 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		611	2098	84	96						2889
0.99			2592	1522	162	76	76				4428
1.49				206	754			71			1631
1.99				18	276						332
2.49					6	38					46
2.99						40					46
3.49						1	75				76
3.99							127				127
4.49								103			103
4.99								17	4		21
5.00 GREATER											0
TOTAL	0	611	4690	2430	1294	155	278	191	4	0	14440

AVE HS(FT) = 0.79 LARGEST HS(FT) = 5.10 TOTAL CASES = 14440.

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											4184
0.99		2228	1256	285							4537
1.49			4252	68							88
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	2228	6208	373	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.26 ANGLE CLASS % = 8.8

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											2030
0.99		251	1779	258							2391
1.49			2133	217							217
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	251	3912	475	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.54 LARGEST HS(FT) = 1.22 ANGLE CLASS % = 4.6

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1793								1793
0.99			876	2004							2880
1.49				557	61						618
1.99					27						27
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	2669	2561	88	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.72 ANGLE CLASS % = 5.3

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49				101							101
0.99				421	550						971
1.49					2255						2255
1.99					461	20					481
2.49						27					27
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	0	522	3266	47	0	0	0	0	0

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 3.8

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	.	142	346	631	767	.	.	.	488
0.50-0.99	54	.	.	.	.	.	1452
1.00-1.49	679	.	.	.	679
1.50-1.99	0
2.00-2.49	0
2.50-2.99	767	.	.	.	767
3.00-3.49	1182	.	.	.	1182
3.50-3.99	985	.	.	985
4.00-4.49	108	54	.	162
4.50-4.99	6	.	6
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	0	142	400	631	2716	1772	66	0	66

AVERAGE HS(FT) = 2.18 LARGEST HS(FT) = 5.19 ANGLE CLASS % = 5.7

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	400	1881	.	.	.	.	.	.	400
0.50-0.99	.	.	.	455	910	.	.	.	.	.	1881
1.00-1.49	434	.	.	.	.	.	1365
1.50-1.99	27	.	.	.	.	.	434
2.00-2.49	20	.	.	.	.	27
2.50-2.99	20
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	400	2336	1371	20	0	0	0	0	0

AVERAGE HS(FT) = 0.98 LARGEST HS(FT) = 2.62 ANGLE CLASS % = 4.1

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	2289	2038	.	.	.	.	.	.	2289
0.50-0.99	.	.	2934	1484	.	.	.	.	.	.	4972
1.00-1.49	.	.	.	47	81	.	.	.	.	.	1494
1.50-1.99	6	.	.	.	.	.	128
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	5223	3579	87	0	0	0	0	0	0

AVERAGE HS(FT) = 0.72 LARGEST HS(FT) = 2.02 ANGLE CLASS % = 8.9

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	3213	1854	.	.	.	.	.	.	3213
0.50-0.99	.	.	2323	1029	.	.	.	.	.	.	4177
1.00-1.49	.	.	.	61	.	.	.	.	.	.	1066
1.50-1.99	61
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	5536	3001	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.65 LARGEST HS(FT) = 1.60 ANGLE CLASS % = 8.5

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49											5162
0.5-0.99		937	4225								6928
1.0-1.49			4612	2317							1725
1.5-1.99				1725							466
2.0-2.49				33	13						0
2.5-2.99					6						0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	937	8337	4074	19	0	0	0	0	0	0

AVERAGE HS (FT) = 0.64 LARGEST HS (FT) = 2.42 ANGLE CLASS % = 13.9

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49											1066
0.5-0.99			1066								3110
1.0-1.49			1351	1759							1419
1.5-1.99				1419							217
2.0-2.49					217						13
2.5-2.99					13						0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	2417	3178	230	0	0	0	0	0	0

AVERAGE HS (FT) = 0.83 LARGEST HS (FT) = 2.11 ANGLE CLASS % = 5.8

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49											1554
0.5-0.99			74	760	720						2106
1.0-1.49					706						2180
1.5-1.99					2180						1365
2.0-2.49					876	489					387
2.5-2.99						337					40
3.0-3.49							40				0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	74	760	4482	876	40	0	0	0	0

AVERAGE HS (FT) = 1.09 LARGEST HS (FT) = 2.95 ANGLE CLASS % = 6.2

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49											107
0.5-0.99			6	101							814
1.0-1.49				400	414						1820
1.5-1.99					1820						543
2.0-2.49					455	88					203
2.5-2.99						203					6
3.0-3.49						6					0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	6	501	2689	297	0	0	0	0	0

AVERAGE HS (FT) = 1.22 LARGEST HS (FT) = 2.52 ANGLE CLASS % = 3.5

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00			122								122
0.25				2377							2377
0.50				1134	563						1697
0.75					373	13					386
1.00											13
1.25											0
1.50											0
1.75											0
2.00											0
2.25											0
2.50											0
2.75											0
3.00											0
3.25											0
3.50											0
3.75											0
4.00											0
4.25											0
4.50											0
4.75											0
5.00											0
GREATER											0
TOTAL	0	0	122	3511	949	0	0	0	0	0	4582

AVERAGE HS (FT) = 0.98 LARGEST HS (FT) = 2.06 ANGLE CLASS % = 4.6

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00			332	1236							1568
0.25				815	400						1215
0.50					224						224
0.75					6	6					12
1.00											0
1.25											0
1.50											0
1.75											0
2.00											0
2.25											0
2.50											0
2.75											0
3.00											0
3.25											0
3.50											0
3.75											0
4.00											0
4.25											0
4.50											0
4.75											0
5.00											0
GREATER											0
TOTAL	0	332	2051	630	6	0	0	0	0	0	2989

AVERAGE HS (FT) = 0.55 LARGEST HS (FT) = 1.71 ANGLE CLASS % = 3.0

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00			1093	1644							2737
0.25				2207	278						2485
0.50					203						203
0.75											0
1.00											0
1.25											0
1.50											0
1.75											0
2.00											0
2.25											0
2.50											0
2.75											0
3.00											0
3.25											0
3.50											0
3.75											0
4.00											0
4.25											0
4.50											0
4.75											0
5.00											0
GREATER											0
TOTAL	0	1093	3851	481	0	0	0	0	0	0	5425

AVERAGE HS (FT) = 0.51 LARGEST HS (FT) = 1.40 ANGLE CLASS % = 5.4

STATION 19 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00			1066	1290							2356
0.25				1766	136						1901
0.50					129						129
0.75											0
1.00											0
1.25											0
1.50											0
1.75											0
2.00											0
2.25											0
2.50											0
2.75											0
3.00											0
3.25											0
3.50											0
3.75											0
4.00											0
4.25											0
4.50											0
4.75											0
5.00											0
GREATER											0
TOTAL	0	1066	3056	264	0	0	0	0	0	0	4386

AVERAGE HS (FT) = 0.50 LARGEST HS (FT) = 1.26 ANGLE CLASS % = 4.4

STATION 19 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.9	.	591	2110	110	106	.	.	.	.	.	2917
1.0-1.9	.	.	2327	1641	172	63	76	.	.	.	4279
2.0-2.9	.	.	.	873	779	.	.	67	.	.	1719
3.0-3.9	.	.	.	14	294	59	.	.	.	.	367
4.0-4.9	6	61	.	.	.	.	67
5.0-5.9	2	80	.	.	.	82
6.0-6.9	118	.	.	.	118
7.0-7.9	98	.	.	98
8.0-8.9	10	5	.	15
9.0-9.9	0
GREATER	0
TOTAL	0	591	4437	2638	1357	185	274	175	5	0	

AVE HS (FT) = 0.79 LARGEST HS (FT) = 5.19 TOTAL CASES = 14720.

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		3607	1779	20							5386
1.49			1161								1181
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	3607	2940	20	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.31 LARGEST HS (FT) = 0.99 ANGLE CLASS % = 6.6

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		658	2343	40							3001
1.49			1236								1276
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	658	3579	40	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.40 LARGEST HS (FT) = 0.94 ANGLE CLASS % = 4.3

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3294								3294
0.99			1216	1915							3131
1.49				142	6						148
1.99											6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	4510	2057	12	0	0	0	0	0	0

AVERAGE HS (FT) = 0.57 LARGEST HS (FT) = 1.80 ANGLE CLASS % = 6.6

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			6	264							270
0.99				903	1311						2214
1.49					3063						3063
1.99					271						277
2.49											6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	6	1167	4645	6	6	0	0	0	0

AVERAGE HS (FT) = 1.01 LARGEST HS (FT) = 2.90 ANGLE CLASS % = 5.8

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	6	366	1195	1324	1372	.	.	.	1567
0.50 - 0.99	115	1324	.	951	.	.	2811
1.00 - 1.49	951
1.50 - 1.99	0
2.00 - 2.49	692	.	.	.	692
2.50 - 2.99	896	.	.	.	896
3.00 - 3.49	353	.	.	353
3.50 - 3.99	67	.	.	67
4.00 - 4.49	6	.	6
4.50 - 4.99	6	6
5.00 - GREATER	6
TOTAL	0	0	6	366	1310	1324	2960	1371	6	6	

AVERAGE HS(FT) = 1.42 LARGEST HS(FT) = 5.83 ANGLE CLASS % = 7.4

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	482	1820	.	.	.	.	.	.	482
0.50 - 0.99	.	.	.	217	230	.	.	.	.	.	1820
1.00 - 1.49	67	.	.	.	.	.	447
1.50 - 1.99	67
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	482	2037	297	0	0	0	0	0	

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.98 ANGLE CLASS % = 2.8

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	2914	509	.	.	.	.	.	.	2914
0.50 - 0.99	.	.	1888	149	.	.	.	.	.	.	2397
1.00 - 1.49	149
1.50 - 1.99	6
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	4802	658	6	0	0	0	0	0	

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 2.47 ANGLE CLASS % = 5.5

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	2927	333	.	.	.	.	.	.	2927
0.50 - 0.99	.	.	1168	122	.	.	.	.	.	.	1500
1.00 - 1.49	122
1.50 - 1.99	6
2.00 - 2.49	0
2.50 - 2.99	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	4095	454	6	0	0	0	0	0	

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.83 ANGLE CLASS % = 4.6

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	1657	5149	597	.	.	.	.	.	.	6806
1.00 - 0.99	.	.	2798	163	.	.	.	.	.	.	3305
1.50 - 1.49	.	.	.	13	.	.	.	.	.	.	163
2.00 - 1.99	0
2.50 - 2.49	0
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	1657	7947	773	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 10.4

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	2201	1032	.	.	.	.	.	.	2201
1.00 - 0.99	.	.	1535	258	.	.	.	.	.	.	2587
1.50 - 1.49	.	.	.	27	.	.	.	.	.	.	27
2.00 - 1.99	0
2.50 - 2.49	0
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	3736	1330	27	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 1.79 ANGLE CLASS % = 5.1

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	115	1542	1426	.	.	.	.	.	3083
1.00 - 0.99	1005	.	.	.	.	.	1005
1.50 - 1.49	2275	.	.	.	.	.	2275
2.00 - 1.99	305	74	.	.	.	.	379
2.50 - 2.49	13	.	.	.	.	13
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	115	1542	5011	87	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 2.02 ANGLE CLASS % = 6.8

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	6	230	.	.	.	.	.	.	236
1.00 - 0.99	.	.	.	1134	.	.	.	.	.	.	1134
1.50 - 1.49	1039	.	.	.	.	.	1039
2.00 - 1.99	2302	.	.	.	.	.	2302
2.50 - 2.49	190	6	.	.	.	.	196
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	6	1364	3531	12	0	0	0	0	0

AVERAGE HS(FT) = 0.98 LARGEST HS(FT) = 2.03 ANGLE CLASS % = 4.9

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	468	5638	.	.	.	.	.	.	468
0.99	.	.	.	1841	353	.	.	.	.	.	2190
1.49	67	.	.	.	.	.	67
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	468	7479	420	0	0	0	0	0	0

AVERAGE HS(FT) = 0.84 LARGEST HS(FT) = 1.67 ANGLE CLASS % = 8.4

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	862	2099	156	.	.	.	.	.	.	2961
0.99	.	.	1154	6	.	.	.	.	.	.	1310
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	862	3253	162	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 1.17 ANGLE CLASS % = 4.3

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	2085	2248	6	.	.	.	.	.	.	4333
0.99	.	.	855	6	.	.	.	.	.	.	861
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	2085	3103	12	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.33 LARGEST HS(FT) = 1.11 ANGLE CLASS % = 5.2

STATION 19 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	2241	1012	.	.	.	.	.	.	.	3253
0.99	.	.	319	.	.	.	.	.	.	.	319
1.49	0
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	2241	1331	0	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.27 LARGEST HS(FT) = 0.83 ANGLE CLASS % = 3.6

STATION 19 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	1111	2705	240	262	132	137	.	.	.	4318
0.99	.	.	1333	1411	347	.	.	.	.	.	1743
1.49	.	.	.	294	823	.	.	95	.	.	1310
1.99	.	.	.	1	94	.	.	.	.	.	100
2.49	8	.	.	.	.	8
2.99	2	.	.	.	.	2
3.49	69	.	.	.	69
3.99	89	.	.	.	89
4.49	35	.	.	35
4.99	6	.	.	6
5.00	0
5.00 GREATER	0
TOTAL	0	1111	4038	1946	1526	142	295	136	0	0	14720

AVE HS(FT) = 0.60 LARGEST HS(FT) = 5.83 TOTAL CASES = 14720.

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49			2905	487							6881
1.00 - 0.99		3976	4793	302							5000
1.50 - 1.49				13							13
2.00 - 1.99											0
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - GREATER											0
TOTAL	0	3976	7693	802	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.76 ANGLE CLASS % = 12.5

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49			3468	302							4230
1.00 - 0.99		762	3221	193							4020
1.50 - 1.49											0
2.00 - 1.99											0
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - GREATER											0
TOTAL	0	762	6689	501	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.43 ANGLE CLASS % = 8.0

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49			4189	3784							4189
1.00 - 0.99			2026	810	109						5810
1.50 - 1.49					68						68
2.00 - 1.99											0
2.50 - 2.49											0
3.00 - 2.99											0
3.50 - 3.49											0
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - GREATER											0
TOTAL	0	0	6215	4594	177	0	0	0	0	0	0

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 1.72 ANGLE CLASS % = 11.0

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49			6	412							418
1.00 - 0.99				1428	1456						2884
1.50 - 1.49					5329						5329
2.00 - 1.99					817						817
2.50 - 2.49						75					75
3.00 - 2.99						96					96
3.50 - 3.49						13	6				19
4.00 - 3.99											0
4.50 - 4.49											0
5.00 - GREATER											0
TOTAL	0	0	6	1840	7602	184	6	0	0	0	0

AVERAGE HS(FT) = 1.10 LARGEST HS(FT) = 2.97 ANGLE CLASS % = 9.6

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			6	233	1071						1310
0.50-0.99					82	1476	1490				3048
1.00-1.49								1490			1490
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	6	233	1153	1476	4504	3007	88	6	11333

AVERAGE HS (FT) = 1.91 LARGEST HS (FT) = 5.30 ANGLE CLASS % = 10.5

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			700								700
0.50-0.99				2321							2321
1.00-1.49				418							418
1.50-1.99					721						721
2.00-2.49					20						20
2.50-2.99						6					6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	700	2739	974	6	0	0	0	0	11333

AVERAGE HS (FT) = 0.83 LARGEST HS (FT) = 2.42 ANGLE CLASS % = 4.4

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			2795								2795
0.50-0.99			2252	1002							3254
1.00-1.49				460							460
1.50-1.99				20	27						47
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	5047	1482	27	0	0	0	0	0	6656

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 1.80 ANGLE CLASS % = 6.6

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			2300								2300
0.50-0.99			1002	549							1551
1.00-1.49				329							329
1.50-1.99				6	6						12
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	3302	884	6	0	0	0	0	0	4192

AVERAGE HS (FT) = 0.56 LARGEST HS (FT) = 1.91 ANGLE CLASS % = 4.2

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.50	0.49										3578
1.00		1037	2541	508							1840
1.50			1332	357							357
2.00				13							13
2.50											0
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.50											0
6.00											0
6.50											0
7.00											0
7.50											0
8.00											0
8.50											0
9.00											0
GREATER	0	1037	3873	878	0	0	0	0	0	0	0
TOTAL	0	1037	3873	878	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 5.8

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.50	0.49										810
1.00			810	467							968
1.50			501	164							164
2.00					27						27
2.50											0
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.50											0
6.00											0
6.50											0
7.00											0
7.50											0
8.00											0
8.50											0
9.00											0
GREATER	0	0	1311	631	27	0	0	0	0	0	0
TOTAL	0	0	1311	631	27	0	0	0	0	0	0

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 1.70 ANGLE CLASS % = 2.0

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.50	0.49										988
1.00			48	576	364						350
1.50					350						810
2.00					116						177
2.50						61					27
3.00						27					13
3.50							13				0
4.00											0
4.50											0
5.00											0
5.50											0
6.00											0
6.50											0
7.00											0
7.50											0
8.00											0
8.50											0
9.00											0
GREATER	0	0	48	576	1640	88	13	0	0	0	0
TOTAL	0	0	48	576	1640	88	13	0	0	0	0

AVERAGE HS(FT) = 0.77 LARGEST HS(FT) = 2.74 ANGLE CLASS % = 2.4

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0											
0.50	0.49										89
1.00				89	350						631
1.50				309	192						831
2.00											20
2.50											20
3.00											0
3.50											0
4.00											0
4.50											0
5.00											0
5.50											0
6.00											0
6.50											0
7.00											0
7.50											0
8.00											0
8.50											0
9.00											0
GREATER	0	0	0	398	1373	40	0	0	0	0	0
TOTAL	0	0	0	398	1373	40	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.19 ANGLE CLASS % = 1.8

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	274	.	.	.	.	.	.	.	274
0.50-0.99	.	.	.	2259	.	.	.	.	.	.	2259
1.00-1.49	.	.	.	631	185	.	.	.	.	.	816
1.50-1.99	41	.	.	.	.	.	41
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	0	274	2890	226	0	0	0	0	0	3416

AVERAGE HS(FT) = 0.82 LARGEST HS(FT) = 1.87 ANGLE CLASS % = 3.4

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	391	1181	.	.	.	.	.	.	.	1572
0.50-0.99	.	.	515	137	.	.	.	.	.	.	652
1.00-1.49	.	.	.	54	.	.	.	.	.	.	54
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	391	1696	191	0	0	0	0	0	0	2278

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.30 ANGLE CLASS % = 2.3

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1662	1916	.	.	.	.	.	.	.	3578
0.50-0.99	.	.	1401	68	.	.	.	.	.	.	1469
1.00-1.49	.	.	.	75	.	.	.	.	.	.	75
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	1662	3317	143	0	0	0	0	0	0	5230

AVERAGE HS(FT) = 0.40 LARGEST HS(FT) = 1.21 ANGLE CLASS % = 5.1

STATION 19 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	2032	1462	.	.	.	.	.	.	.	3494
0.50-0.99	.	.	1435	.	.	.	.	.	.	.	1441
1.00-1.49	.	.	.	82	.	.	.	.	.	.	82
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	2032	2897	88	0	0	0	0	0	0	5461

AVERAGE HS(FT) = 0.40 LARGEST HS(FT) = 1.16 ANGLE CLASS % = 5.0

STATION 19 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	986	2460	131	143	.	.	.	.	.	3720
0.99	.	.	1848	1353	223	147	149	.	.	.	3730
1.49	.	.	.	308	756	.	.	149	.	.	1355
1.99	.	.	.	5	153	15	.	.	.	.	173
2.49	2	15	.	.	.	.	17
2.99	1	115	.	.	.	116
3.49	100	.	.	.	100
3.99	131	.	.	131
4.49	20	6	.	26
4.99	2	.	2
5.00 - GREATER	0
TOTAL	0	986	4308	1807	1319	178	452	300	0	0	14560

AVE HS(FT) = 0.73 LARGEST HS(FT) = 5.30 TOTAL CASES = 14560.

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		3068	2299								5367
0.5-0.99			4409	398							4807
1.0-1.49				237							237
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	3068	6708	638	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.48 LARGEST HS (FT) = 1.76 ANGLE CLASS % = 10.4

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49		492	2375								2867
0.5-0.99			2462	292							2754
1.0-1.49				219							219
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	492	4837	511	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.51 LARGEST HS (FT) = 1.43 ANGLE CLASS % = 5.8

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			2847								2847
0.5-0.99			1279	2654							3933
1.0-1.49				588	58						646
1.5-1.99					35						35
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	4126	3242	93	0	0	0	0	0	0

AVERAGE HS (FT) = 0.64 LARGEST HS (FT) = 1.87 ANGLE CLASS % = 7.5

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			5	234							239
0.5-0.99				829	994						1823
1.0-1.49					3453						3453
1.5-1.99					549						549
2.0-2.49						34					34
2.5-2.99						46					46
3.0-3.49						5					5
3.5-3.99							3				3
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	5	1063	4996	85	3	0	0	0	0

AVERAGE HS (FT) = 1.10 LARGEST HS (FT) = 2.97 ANGLE CLASS % = 6.2

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	5	231	764	1050	1100	.	.	.	1000
0.99	82	.	.	.	.	.	2237
1.49	958	.	.	958
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	5	231	846	1050	3236	2016	53	3	6000

AVERAGE HS (FT) = 1.88 LARGEST HS (FT) = 5.83 ANGLE CLASS % = 7.4

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	504	2091	.	.	.	.	.	.	504
0.99	.	.	.	374	704	.	.	.	.	.	2091
1.49	289	.	.	.	.	.	1078
1.99	13	.	.	.	.	.	289
2.49	14
2.99	5
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	504	2465	1006	6	0	0	0	0	0

AVERAGE HS (FT) = 0.88 LARGEST HS (FT) = 2.62 ANGLE CLASS % = 4.0

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2616	1271	.	.	.	.	.	.	2616
0.99	.	.	2421	862	.	.	.	.	.	.	3692
1.49	.	.	.	32	39	.	.	.	.	.	862
1.99	5	.	.	.	.	.	71
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	5037	2165	44	0	0	0	0	0	0

AVERAGE HS (FT) = 0.64 LARGEST HS (FT) = 2.47 ANGLE CLASS % = 7.2

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2789	924	.	.	.	.	.	.	2789
0.99	.	.	1548	557	.	.	.	.	.	.	2472
1.49	.	.	.	20	5	.	.	.	.	.	557
1.99	25
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	4337	1501	5	0	0	0	0	0	0

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 1.91 ANGLE CLASS % = 5.8

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											4902
0.5-0.99		1090	3812	1137							4001
1.0-1.49			2864	800							800
1.5-1.99				30							30
2.0-2.49											
2.5-2.99											
3.0-3.49											
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	1090	6676	1967	11	0	0	0	0	0	0

AVERAGE HS (FT) = 0.56 LARGEST HS (FT) = 2.42 ANGLE CLASS % = 9.7

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											1211
0.5-0.99			1211	1108							2208
1.0-1.49			1100	686							686
1.5-1.99					107						107
2.0-2.49					1						1
2.5-2.99											
3.0-3.49											
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	2311	1794	114	0	0	0	0	0	0

AVERAGE HS (FT) = 0.73 LARGEST HS (FT) = 2.60 ANGLE CLASS % = 4.2

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											1658
0.5-0.99			73	826	759						658
1.0-1.49					658						1690
1.5-1.99					1690						665
2.0-2.49					441						167
2.5-2.99						224					18
3.0-3.49						167					1
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	73	826	3548	391	20	0	0	0	0

AVERAGE HS (FT) = 0.91 LARGEST HS (FT) = 3.57 ANGLE CLASS % = 4.9

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											131
0.5-0.99				3	128						1099
1.0-1.49					566						1567
1.5-1.99						533					394
2.0-2.49						345					83
2.5-2.99											
3.0-3.49											
3.5-3.99											
4.0-4.49											
4.5-4.99											
5.0-5.49											
5.5-5.99											
6.0-6.49											
6.5-6.99											
7.0-7.49											
7.5-7.99											
8.0-8.49											
8.5-8.99											
9.0-9.49											
9.5-9.99											
GREATER											
TOTAL	0	0	3	694	2445	135	0	0	0	0	0

AVERAGE HS (FT) = 1.11 LARGEST HS (FT) = 2.59 ANGLE CLASS % = 3.3

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			261								261
0.5				3052							3052
1.0				1151	417						1568
1.5					222						222
2.0					10						10
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	261	4203	649	0	0	0	0	0	5113

AVERAGE HS(FT) = 0.90 LARGEST HS(FT) = 2.18 ANGLE CLASS % = 5.1

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5		455	1368								1823
1.0			816	272							1088
1.5				145							145
2.0				6	1						7
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	455	2184	423	1	0	0	0	0	0	3063

AVERAGE HS(FT) = 0.50 LARGEST HS(FT) = 1.71 ANGLE CLASS % = 3.1

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5		1500	1933								3433
1.0			1726	174							1900
1.5				165							165
2.0				6							6
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	1500	3659	345	0	0	0	0	0	0	5404

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.73 ANGLE CLASS % = 5.5

STATION 19 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5		1649	1338								2987
1.0			1601	73							1674
1.5				112							112
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	1649	2939	185	0	0	0	0	0	0	4773

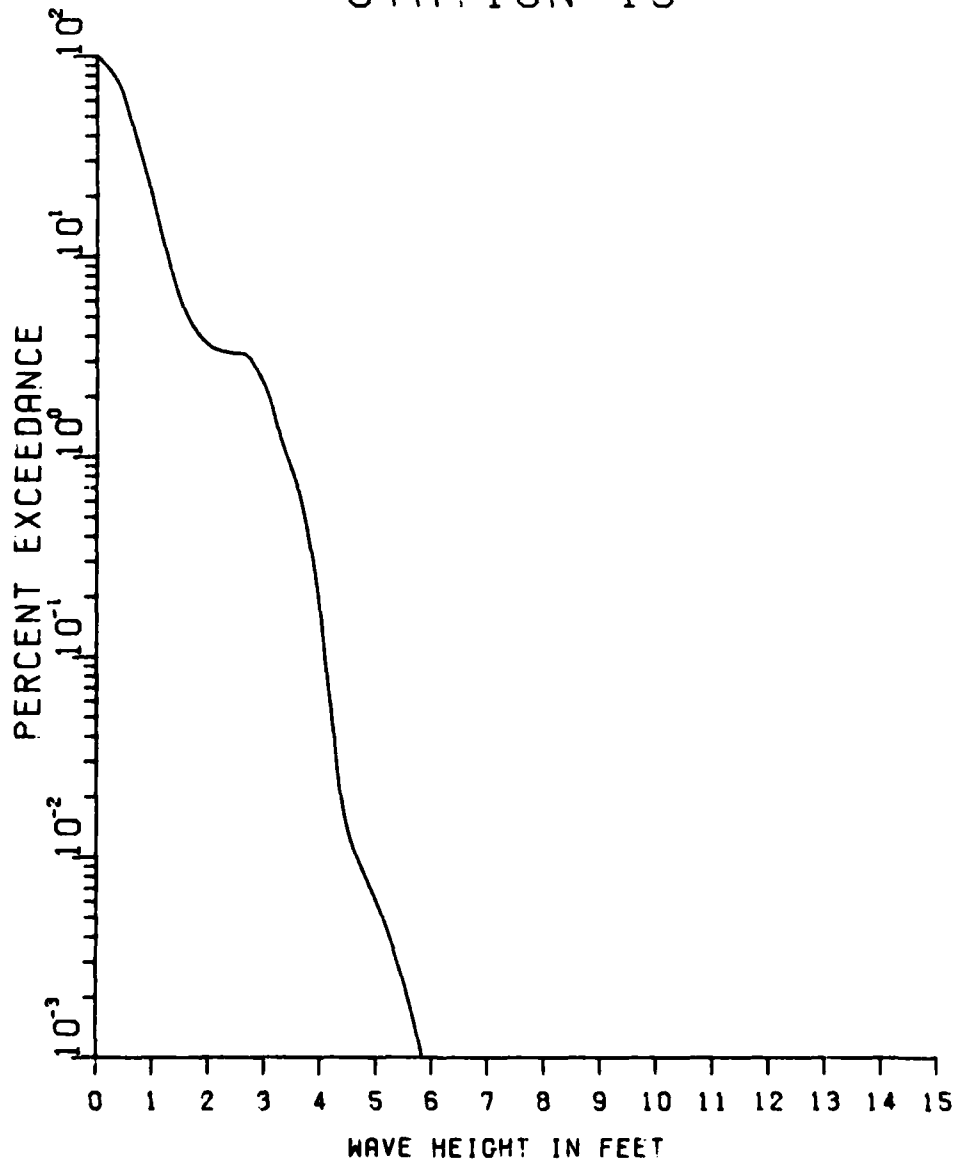
AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.38 ANGLE CLASS % = 4.8

STATION 19 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 13.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0. - 0.49	.	825	2344	142	152	.	.	.	.	.	3463
0.50 - 0.99	.	.	2023	1484	226	105	110	.	.	.	3948
1.00 - 1.49	.	.	.	590	789	.	.	95	.	.	1474
1.50 - 1.99	.	.	.	10	204	30	.	.	.	.	244
2.00 - 2.49	29	.	.	.	.	33
2.50 - 2.99	1	85	.	.	.	86
3.00 - 3.49	130	.	.	.	130
3.50 - 3.99	92	.	.	92
4.00 - 4.49	13	4	.	17
4.50 - 4.99	0
5.00 - GREATER	0
TOTAL	0	825	4367	2226	1375	165	325	200	4	0	

AVE HS(FT) = 0.73 LARGEST HS(FT) = 5.83 TOTAL CASES = 58440

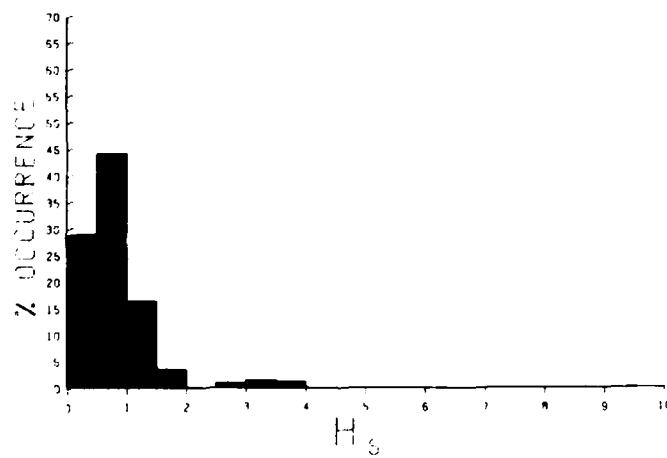
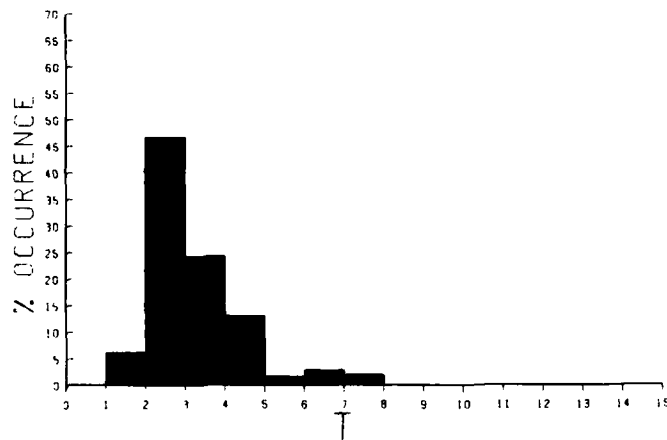
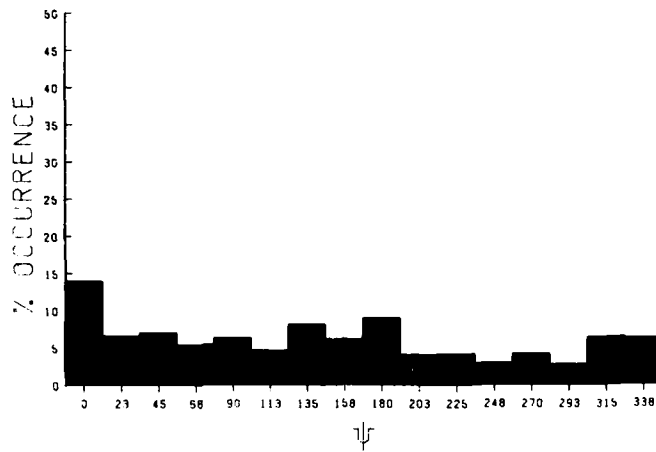
STATION 19



STATION 19

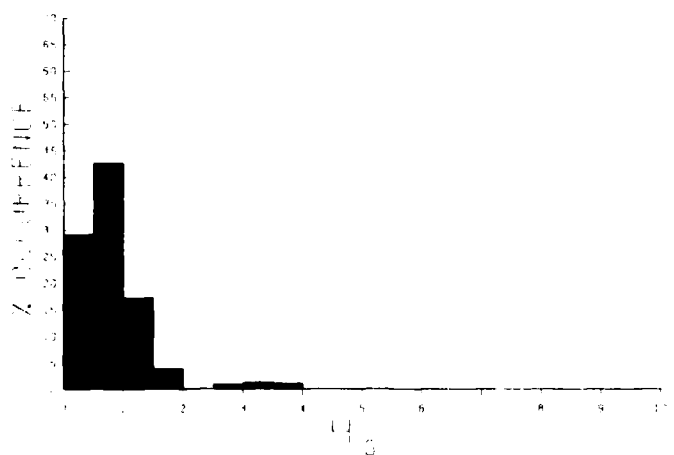
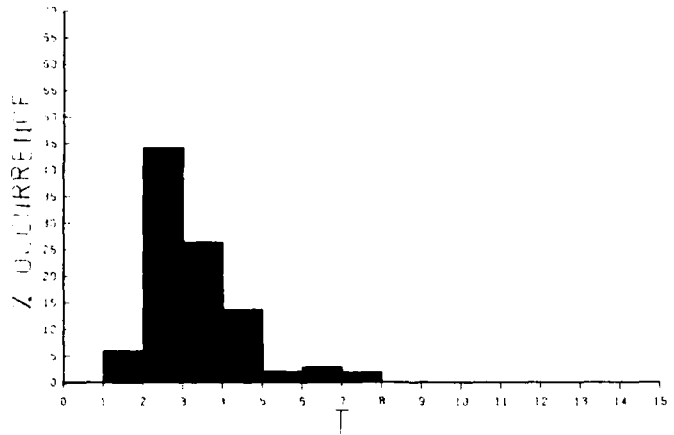
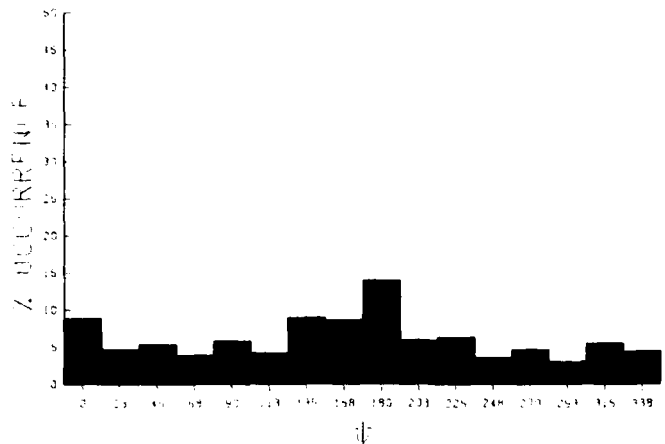
DEC. - FEB.

14440 CASES

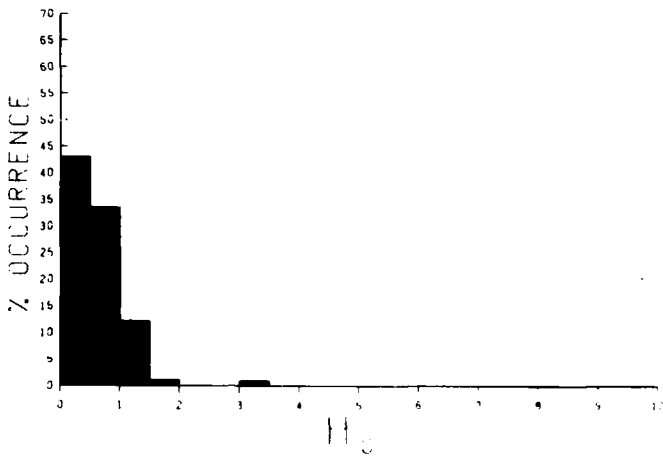
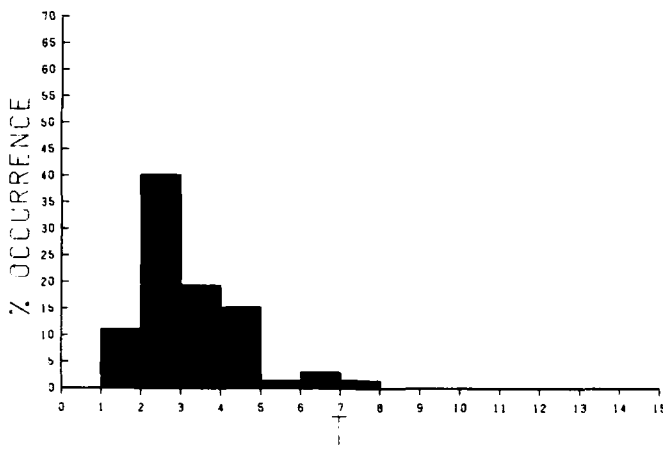
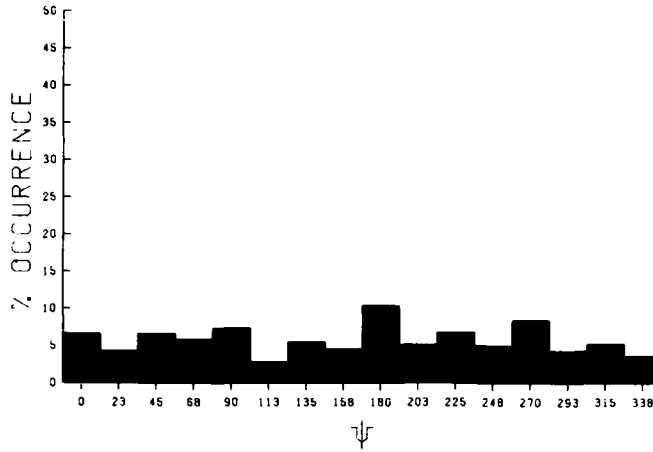


E233

STATION 18
 MAR. - MAY
 14700 - 14725

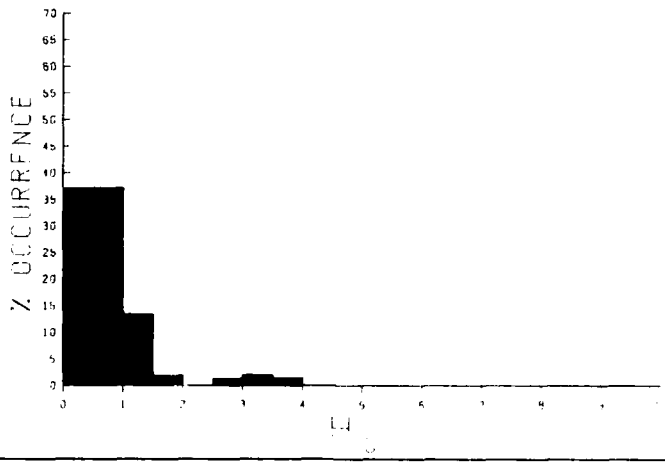
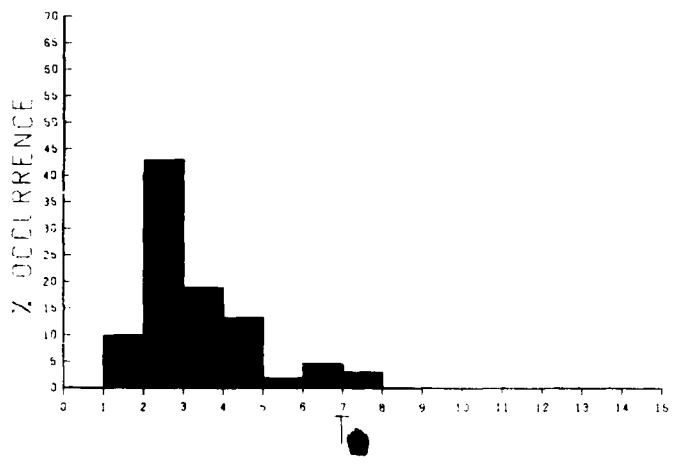
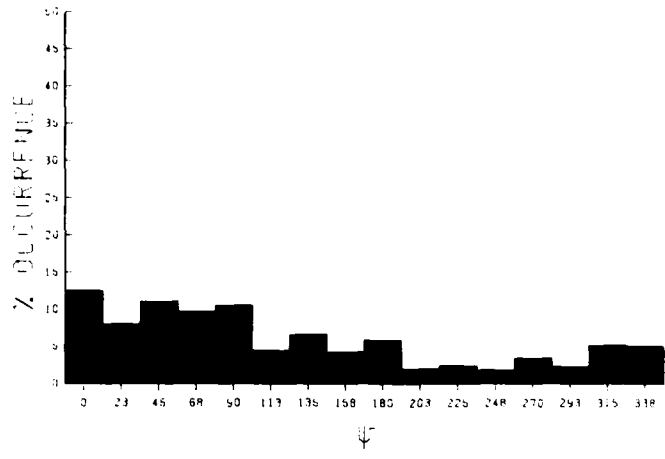


STATION 19
 JUN. - AUG.
 14720 CASES



E235

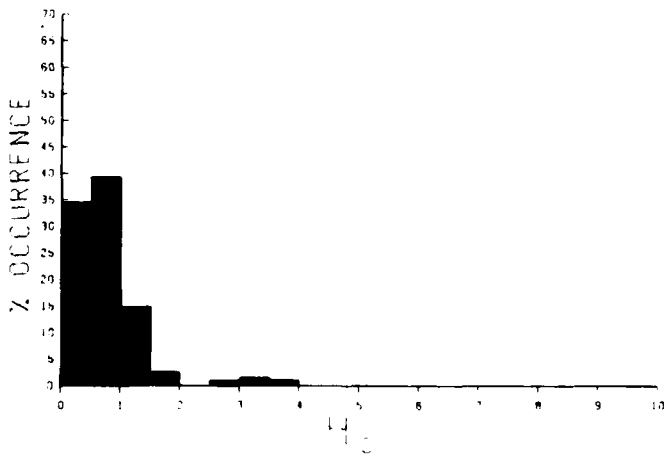
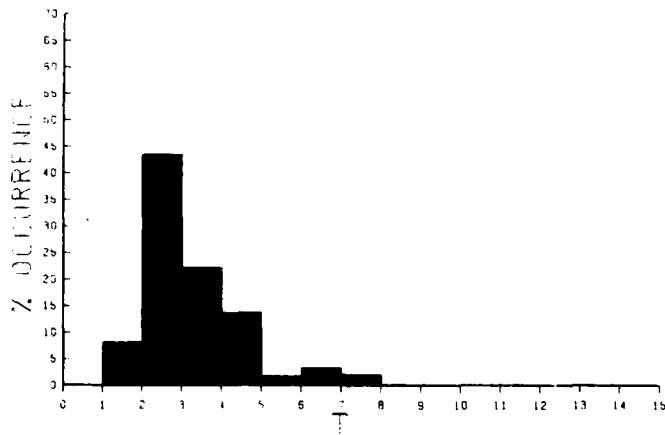
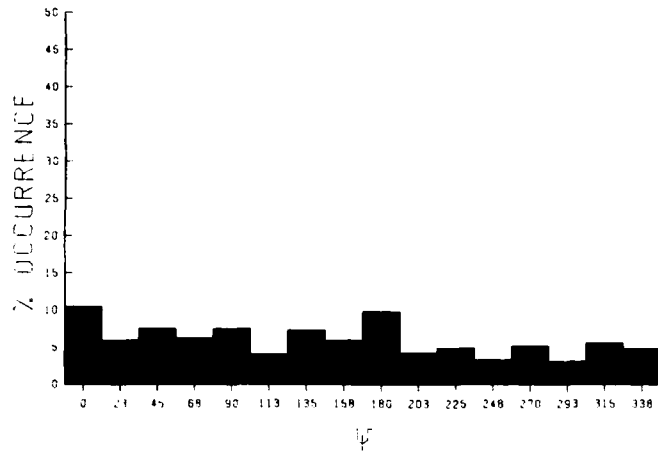
SECTION 12
 1971-1972
 14500 CASES



STATION 19

JAN. - DEC.

56440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 19

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
YEAR													
1956	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.3	0.5	0.5	0.5	0.5	0.5
1957	0.6	0.7	0.6	0.7	0.6	0.5	0.5	0.7	0.7	0.7	0.7	0.6	0.6
1958	0.8	0.7	0.7	0.9	0.8	0.6	0.6	0.6	0.9	0.8	0.8	0.8	0.8
1959	0.8	1.0	1.0	0.8	0.8	0.7	0.7	0.9	1.0	0.9	0.9	1.0	0.9
1960	0.9	1.0	1.0	0.9	0.7	0.7	0.7	0.6	0.8	0.6	0.7	0.9	0.8
1961	0.8	1.0	0.9	0.9	0.7	0.6	0.6	0.7	0.8	0.8	0.8	0.8	0.8
1962	1.0	0.9	0.9	0.8	0.7	0.5	0.5	0.6	0.7	0.5	0.6	0.5	0.7
1963	0.6	0.7	0.7	0.7	0.6	0.6	0.5	0.4	0.6	0.7	0.8	0.8	0.7
1964	0.9	1.2	1.1	1.0	0.8	0.7	0.8	0.6	1.0	1.0	0.8	0.9	0.9
1965	0.9	1.1	1.0	0.9	0.9	0.8	0.6	0.6	1.0	1.0	0.9	0.9	0.9
1966	0.9	1.0	1.0	1.0	1.1	0.8	0.7	0.5	0.5	0.6	0.7	0.9	0.8
1967	0.6	0.7	0.8	0.8	0.8	0.8	0.6	0.5	0.9	0.6	0.7	0.7	0.7
1968	0.8	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.6
1969	0.9	0.8	0.9	0.7	0.8	0.6	0.5	0.6	0.6	0.9	0.5	0.8	0.7
1970	0.7	0.8	0.9	0.8	0.7	0.6	0.6	0.6	0.7	0.9	0.8	0.8	0.7
1971	0.6	0.9	1.0	1.0	0.7	0.7	0.6	0.8	0.8	0.4	0.7	0.8	0.8
1972	0.7	0.6	0.7	0.8	0.7	0.8	0.7	0.5	0.6	0.8	0.8	0.6	0.7
1973	0.8	0.7	1.0	0.8	0.7	0.5	0.5	0.4	0.8	0.7	0.7	0.8	0.7
1974	0.7	0.7	0.8	0.8	0.7	0.5	0.5	0.5	0.6	0.7	0.6	0.7	0.6
1975	0.6	0.7	0.9	0.8	0.5	0.6	0.6	0.5	0.6	0.6	0.7	0.7	0.6
MEAN	0.8	0.8	0.8	0.8	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.8	

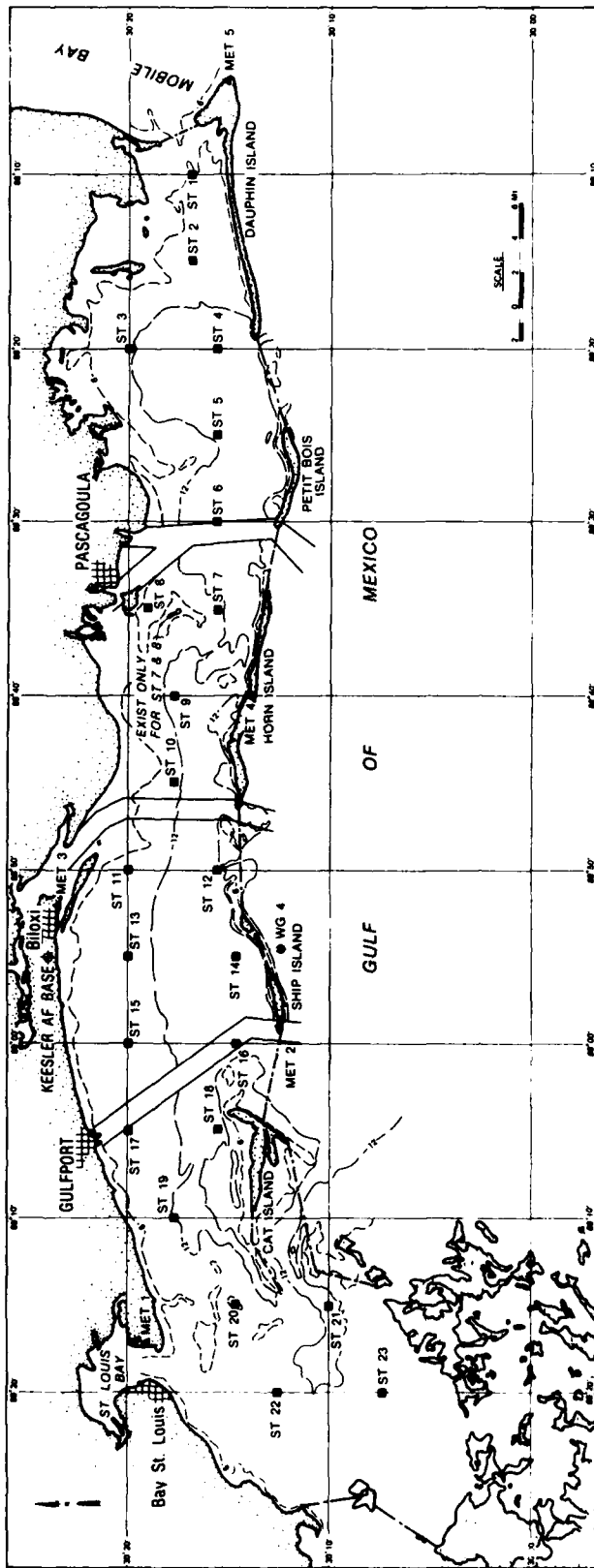
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 19

MONTH

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
YEAR												
1956	3.4	3.3	3.5	3.1	3.3	3.1	1.5	1.1	4.0	3.3	3.1	2.9
1957	3.7	3.8	3.7	3.3	3.3	1.7	3.3	4.1	3.4	3.9	3.9	1.7
1958	4.2	3.5	3.8	4.4	4.4	3.6	3.1	3.3	4.4	3.9	3.6	3.6
1959	3.1	4.1	3.9	2.9	3.9	4.2	3.3	4.1	4.8	4.4	4.3	4.2
1960	4.4	3.8	3.8	3.9	4.2	3.5	3.1	3.3	4.2	3.1	4.1	3.8
1961	3.6	5.1	5.2	3.3	3.1	3.3	2.9	3.8	4.2	3.9	3.5	3.9
1962	3.9	3.3	2.5	3.6	3.1	3.1	3.3	3.3	3.5	3.5	3.1	3.3
1963	3.3	4.3	3.3	3.3	1.7	3.3	2.9	1.5	4.3	3.9	4.1	3.9
1964	4.2	4.4	4.1	3.5	3.5	3.6	3.9	2.9	4.1	3.9	3.6	3.8
1965	3.8	4.1	3.6	3.5	3.9	4.1	3.6	3.3	5.3	4.1	3.6	3.5
1966	3.9	4.4	3.9	3.5	4.3	4.1	3.9	3.5	3.5	3.5	3.6	3.8
1967	3.1	3.5	3.5	3.6	2.2	3.5	2.9	3.5	3.8	3.5	3.3	3.9
1968	3.6	3.3	3.3	2.9	3.5	3.6	3.5	3.3	3.6	3.5	3.6	3.8
1969	3.6	4.3	4.1	3.8	3.8	3.1	3.1	5.8	3.6	3.8	4.1	4.1
1970	3.5	4.2	4.2	3.3	3.9	3.1	3.6	3.5	3.6	4.2	3.9	4.3
1971	4.1	4.1	4.6	4.1	3.3	4.6	3.9	3.6	3.8	2.9	4.2	3.9
1972	3.8	3.5	3.1	3.9	3.9	3.8	4.2	3.1	3.8	4.2	4.1	2.9
1973	3.8	4.1	4.4	3.8	3.1	3.3	3.5	3.3	3.9	3.6	3.5	3.8
1974	3.1	3.6	3.6	4.3	3.6	3.3	3.3	3.5	3.5	3.6	3.6	3.5
1975	3.3	3.5	4.2	3.8	3.5	3.5	3.3	3.1	3.5	3.3	3.6	4.2

LARGEST HS(FEET) FOR STATION 19 = 5.8



E239

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			554	3171							3725
0.5-0.99				5713	1918						7631
1.0-1.49					2465						2465
1.5-1.99					13						13
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	554	8884	4396	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 1.67 ANGLE CLASS % = 13.8

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1551								1551
0.5-0.99			2015	1585							3600
1.0-1.49				1267	69						1336
1.5-1.99				20	20						40
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	3566	2872	89	0	0	0	0	0	0

AVERAGE HS(FT) = 0.72 LARGEST HS(FT) = 1.70 ANGLE CLASS % = 6.5

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				83							83
0.5-0.99				3739							3739
1.0-1.49				69	3206						3275
1.5-1.99					644						644
2.0-2.49					20	6					26
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	0	3891	3870	6	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.22 ANGLE CLASS % = 7.8

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			6	159							165
0.5-0.99					505	657					1162
1.0-1.49					62	1204					1266
1.5-1.99					2306	124	228				2658
2.0-2.49							6				6
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	6	159	2873	1985	296	0	0	0	0

AVERAGE HS(FT) = 1.76 LARGEST HS(FT) = 3.05 ANGLE CLASS % = 5.3

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				242	463						705
0.50-0.99						768	768	657			2193
1.00-1.49								709			789
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99							27	1634			1661
4.00-4.49								505	256		761
4.50-4.99									103		103
5.00-5.49										6	6
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	0	242	463	768	795	3585	359	6	0
TOTAL	0	0	0	242	463	768	795	3585	359	6	0

AVERAGE HS(FT) = 1.64 LARGEST HS(FT) = 4.16 ANGLE CLASS % = 6.2

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											2555
0.50-0.99		817	1738								2368
1.00-1.49			2216	152							41
1.50-1.99				41							0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	817	3954	193	0	0	0	0	0	0	0
TOTAL	0	817	3954	193	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.23 ANGLE CLASS % = 5.0

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											5151
0.50-0.99		2416	2735								2897
1.00-1.49			2887								117
1.50-1.99			83	34							0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	2416	5705	34	0	0	0	0	0	0	0
TOTAL	0	2416	5705	34	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.42 ANGLE CLASS % = 8.2

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											3960
0.50-0.99		1980	1980								2070
1.00-1.49			2070								116
1.50-1.99			96	20							0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	1980	4146	20	0	0	0	0	0	0	0
TOTAL	0	1980	4146	20	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.25 ANGLE CLASS % = 6.1

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	1170	.	.	.	.	.	.	1170
0.5-0.99	.	.	1170	3109	.	.	.	.	.	4279
1.0-1.49	.	.	.	1682	249	.	.	.	.	1931
1.5-1.99	699	.	.	.	.	699
2.0-2.49	76	.	.	.	.	76
2.5-2.99	13	.	.	.	.	13
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
10.0-GREATER	0	0	2340	4791	1037	0	0	0	0	0
TOTAL	0	0	2340	4791	1037	0	0	0	0	8178

AVERAGE HS(FT) = 0.85 LARGEST HS(FT) = 2.89 ANGLE CLASS % = 8.2

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	.	339	.	.	.	.	.	339
0.5-0.99	.	.	.	1779	.	.	.	.	.	1779
1.0-1.49	1121	.	.	.	.	1121
1.5-1.99	609	.	.	.	.	609
2.0-2.49	27	69	.	.	.	96
2.5-2.99	6	.	.	.	12
3.0-3.49	6	6	.	.	12
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
10.0-GREATER	0	0	0	2118	1757	75	12	0	0	0
TOTAL	0	0	0	2118	1757	75	12	0	0	3962

AVERAGE HS(FT) = 1.04 LARGEST HS(FT) = 3.16 ANGLE CLASS % = 4.0

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	429	41	.	.	.	.	.	470
0.5-0.99	.	.	.	1502	1281	.	.	.	.	1502
1.0-1.49	699	.	.	.	.	1281
1.5-1.99	34	27	.	.	.	699
2.0-2.49	20	.	.	.	61
2.5-2.99	6	.	.	.	26
3.0-3.49	6	.	.	6
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
10.0-GREATER	0	0	429	1543	2014	47	12	0	0	0
TOTAL	0	0	429	1543	2014	47	12	0	0	4700

AVERAGE HS(FT) = 1.03 LARGEST HS(FT) = 3.29 ANGLE CLASS % = 4.1

STATION 20 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	48	.	.	.	.	.	.	48
0.5-0.99	.	.	.	1398	.	.	.	.	.	1398
1.0-1.49	.	.	.	263	740	.	.	.	.	1003
1.5-1.99	401	.	.	.	.	401
2.0-2.49	13	6	.	.	.	19
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
10.0-GREATER	0	0	48	1661	1154	6	0	0	0	0
TOTAL	0	0	48	1661	1154	6	0	0	0	3329

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.31 ANGLE CLASS % = 2.9

STATION 20 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0		613	1725	86	46						2470
0.50			2175	1912	50	142	76	65			4420
1.00			18	899	682			78			1677
1.50				7	251	120					478
2.00					250	23	22				295
2.50					1	2	10	163			176
3.00							2	50	25		77
3.50									10		10
4.00											0
4.50											0
5.00											0
GREATER											0
TOTAL	0	613	3918	2904	1380	287	110	356	35	0	

AVE HS (FT) = 0.83 LARGEST HS (FT) = 4.16 TOTAL CASES = 14440.

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		543	2683	1005							3226
0.99			3546	971							4517
1.49				6							6
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	543	6229	1982	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 1.54 ANGLE CLASS % = 8.8

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			1440								1440
0.99			1426	1086							2512
1.49				658	27						685
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	2866	1744	27	0	0	0	0	0	0

AVERAGE HS(FT) = 0.66 LARGEST HS(FT) = 1.48 ANGLE CLASS % = 4.6

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			20	183							203
0.99				3226							3226
1.49				81	2221						2302
1.99					414						414
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	20	3490	2648	0	0	0	0	0	0

AVERAGE HS(FT) = 1.01 LARGEST HS(FT) = 2.09 ANGLE CLASS % = 6.2

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49				101							101
0.99					360	550					910
1.49					61	876					937
1.99					1616	81	163				1860
2.49							27				27
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	0	101	2037	1507	190	0	0	0	0

AVERAGE HS(FT) = 1.75 LARGEST HS(FT) = 2.66 ANGLE CLASS % = 3.8

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	.	176	366	.	.	.	.	.	542
0.99	631	767	550	.	.	1948
1.49	896	.	.	896
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	6	6
TOTAL	0	0	0	176	366	631	834	3408	305	6	6

AVERAGE HS(FT) = 1.66 LARGEST HS(FT) = 4.23 ANGLE CLASS % = 5.7

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	679	1433	129	.	.	.	.	.	.	2112
0.99	.	.	2038	129	.	.	.	.	.	.	2167
1.49	.	.	.	129	.	.	.	.	.	.	129
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0
TOTAL	0	679	3471	258	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.46 ANGLE CLASS % = 4.4

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	2214	3063	.	.	.	.	.	.	.	5277
0.99	.	.	3532	61	.	.	.	.	.	.	3532
1.49	.	.	74	.	.	.	.	.	.	.	135
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0
TOTAL	0	2214	6669	61	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.37 ANGLE CLASS % = 8.9

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	2275	2724	.	.	.	.	.	.	.	4999
0.99	.	.	3478	61	.	.	.	.	.	.	3478
1.49	.	.	95	.	.	.	.	.	.	.	156
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0
TOTAL	0	2275	6297	61	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.20 ANGLE CLASS % = 8.6

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49			1677								1677
0.50 - 0.99			1413	4694							6107
1.00 - 1.49				3138	754						3892
1.50 - 1.99					1202						1202
2.00 - 2.49					47						47
2.50 - 2.99						6					6
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	3090	7832	2003	6	0	0	0	0	0
TOTAL	0	0	3090	7832	2003	6	0	0	0	0	0

AVERAGE HS(FT) = 0.90 LARGEST HS(FT) = 3.17 ANGLE CLASS % = 12.9

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49				489							489
0.50 - 0.99				2493							2493
1.00 - 1.49					1698						1698
1.50 - 1.99					1012						1012
2.00 - 2.49					74						74
2.50 - 2.99						47					47
3.00 - 3.49						13					13
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	0	2982	2784	60	0	0	0	0	0
TOTAL	0	0	0	2982	2784	60	0	0	0	0	0

AVERAGE HS(FT) = 1.06 LARGEST HS(FT) = 2.60 ANGLE CLASS % = 5.8

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49			760	74							834
0.50 - 0.99				2092							2092
1.00 - 1.49					2051						2051
1.50 - 1.99					1073						1073
2.00 - 2.49					61						61
2.50 - 2.99						108					108
3.00 - 3.49						13					13
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	760	2166	3185	121	0	0	0	0	0
TOTAL	0	0	760	2166	3185	121	0	0	0	0	0

AVERAGE HS(FT) = 1.03 LARGEST HS(FT) = 2.68 ANGLE CLASS % = 6.2

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49			67								67
0.50 - 0.99				1664							1664
1.00 - 1.49				407	910						1317
1.50 - 1.99					400						400
2.00 - 2.49					47						47
2.50 - 2.99											0
3.00 - 3.49											0
3.50 - 3.99											0
4.00 - 4.49											0
4.50 - 4.99											0
5.00 - GREATER	0	0	67	2071	1357	0	0	0	0	0	0
TOTAL	0	0	67	2071	1357	0	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.24 ANGLE CLASS % = 3.5

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			726							726
0.50-0.99			448	1759						2207
1.00-1.49				597	163					760
1.50-1.99					142					142
2.00-2.49					13					13
2.50-2.99										0
3.00-3.49										0
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	1174	2356	318	0	0	0	0	0

AVERAGE HS (FT) = 0.78 LARGEST HS (FT) = 2.03 ANGLE CLASS % = 3.9

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			849							849
0.50-0.99			788	638						1426
1.00-1.49				339	13					352
1.50-1.99					61					61
2.00-2.49										0
2.50-2.99										0
3.00-3.49										0
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	1637	977	74	0	0	0	0	0

AVERAGE HS (FT) = 0.71 LARGEST HS (FT) = 1.96 ANGLE CLASS % = 2.7

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			1739							1739
0.50-0.99			1668	869						2737
1.00-1.49				883						883
1.50-1.99					47					47
2.00-2.49										0
2.50-2.99										0
3.00-3.49										0
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	0	3607	1752	47	0	0	0	0	0

AVERAGE HS (FT) = 0.66 LARGEST HS (FT) = 1.72 ANGLE CLASS % = 5.4

STATION 20 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49										
0.50-0.99		251	1317							1568
1.00-1.49			1732	427						2159
1.50-1.99				618						618
2.00-2.49				27						27
2.50-2.99										0
3.00-3.49										0
3.50-3.99										0
4.00-4.49										0
4.50-4.99										0
5.00-5.49										0
5.50-5.99										0
6.00-6.49										0
6.50-6.99										0
7.00-7.49										0
7.50-7.99										0
8.00-8.49										0
8.50-8.99										0
9.00-9.49										0
9.50-9.99										0
GREATER										0
TOTAL	0	251	3049	1072	0	0	0	0	0	0

AVERAGE HS (FT) = 0.65 LARGEST HS (FT) = 1.61 ANGLE CLASS % = 4.4

STATION 20 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		5%	1850	102	36						2504
0.50-0.99			2027	2008	36	118	76	55			4320
1.00-1.49			16	793	783			89			1632
1.50-1.99					441	87					531
2.00-2.49					107	232	169				2266
2.50-2.99								150			161
3.00-3.49								46	18		64
3.50-3.99									12		12
4.00-4.99											0
5.00-5.99											0
6.00-6.99											0
7.00-7.99											0
8.00-8.99											0
9.00-9.99											0
GREATER											0
TOTAL	0	596	3893	2907	1483	230	101	340	30	0	14720

AVE HS(FT) = 0.81 LARGEST HS(FT) = 4.23 TOTAL CASES = 14720.

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1127	3355	108	.	.	.	.	.	.	4482
0.50-0.99	.	.	1800	54	.	.	.	.	.	.	1908
1.00-1.49	54
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	1127	5155	162	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 1.21 ANGLE CLASS % = 6.4

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	2343	557	.	.	.	.	.	.	2343
0.50-0.99	.	.	1304	74	.	.	.	.	.	.	1861
1.00-1.49	74
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	3647	631	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.17 ANGLE CLASS % = 4.3

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	20	400	.	.	.	.	.	.	420
0.50-0.99	.	.	.	5971	.	.	.	.	.	.	5971
1.00-1.49	.	.	.	54	2004	.	.	.	.	.	2058
1.50-1.99	61	.	.	.	.	.	61
2.00-2.49	6	.	.	.	.	6
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	20	6425	2065	6	0	0	0	0	0

AVERAGE HS(FT) = 0.87 LARGEST HS(FT) = 2.16 ANGLE CLASS % = 8.5

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	6	264	855	1311	.	.	.	.	270
0.50-0.99	47	699	.	.	.	.	2166
1.00-1.49	2513	67	61	.	.	.	746
1.50-1.99	6	.	.	.	2641
2.00-2.49	6
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	6	264	3415	2077	67	0	0	0	0

AVERAGE HS(FT) = 1.53 LARGEST HS(FT) = 3.45 ANGLE CLASS % = 5.8

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				475	1209						1684
0.50-0.99						1324	1372	889			3585
1.00-1.49								754			754
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49							27	1052			1079
4.50-4.99								142			142
5.00-5.49									74		74
5.50-5.99									27		27
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER										6	6
TOTAL	0	0	0	475	1209	1324	1399	2837	101	6	8000

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 4.69 ANGLE CLASS % = 7.4

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											2553
0.50-0.99		1052	1501								2553
1.00-1.49			794								794
1.50-1.99				13							13
2.00-2.49				27							27
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	1052	2295	40	0	0	0	0	0	0	8000

AVERAGE HS(FT) = 0.39 LARGEST HS(FT) = 1.08 ANGLE CLASS % = 3.4

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											4843
0.50-0.99		2873	1970								4843
1.00-1.49			658								658
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	2873	2628	6	0	0	0	0	0	0	8000

AVERAGE HS(FT) = 0.32 LARGEST HS(FT) = 1.68 ANGLE CLASS % = 5.5

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											3946
0.50-0.99		2357	1589								3946
1.00-1.49			686								686
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	2357	2275	6	0	0	0	0	0	0	8000

AVERAGE HS(FT) = 0.33 LARGEST HS(FT) = 1.39 ANGLE CLASS % = 4.6

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			2139								2139
0.5			1657	3770							5427
1.0				937	135						1072
1.5					67						67
2.0					13						13
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	3796	4707	215	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 2.05 ANGLE CLASS % = 8.7

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0				1127							1127
0.5				3043							3043
1.0					713						713
1.5					190						190
2.0					6		13				19
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	0	4170	909	13	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 2.21 ANGLE CLASS % = 5.1

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			1487	169							1656
0.5				3179							3179
1.0					1718						1718
1.5					203						203
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	1487	3348	1921	0	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.86 ANGLE CLASS % = 6.8

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			224								224
0.5				3525							3525
1.0				414	672						1086
1.5					81						81
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER											0
TOTAL	0	0	224	3939	753	0	0	0	0	0	0

AVERAGE HS(FT) = 0.86 LARGEST HS(FT) = 1.81 ANGLE CLASS % = 4.9

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1623								1623
0.99			1487	3023							4510
1.49				380	40						420
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	3110	3403	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 6.6

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1623								1623
0.99			1141	570							1711
1.49				81							81
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	2764	651	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.57 LARGEST HS(FT) = 1.37 ANGLE CLASS % = 3.4

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3002								3002
0.99			1725	305							2030
1.49				54							54
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	4727	359	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.38 ANGLE CLASS % = 5.1

STATION 20 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49											
0.99		692	2105								2797
1.49			665	54							719
1.99				6							6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	692	2770	60	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.39 LARGEST HS(FT) = 1.07 ANGLE CLASS % = 3.5

STATION 20 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											3472
0.05		810	2299	243	120	263	137	88			4177
0.10			1102	2412	85			75			812
0.15				209	528	69					134
0.20					253	8					267
0.25							6				107
0.30							2	105			21
0.35								14	7		2
0.40									2		0
0.45											0
0.50											0
0.55											0
0.60											0
0.65											0
0.70											0
0.75											0
0.80											0
0.85											0
0.90											0
GREATER											0
TOTAL	0	810	3491	2864	1051	340	145	282	9	0	

AVE HS(FT) = 0.62 LARGEST HS(FT) = 4.69 TOTAL CASES = 14720.

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			4388	1002							5500
0.0-0.99		1112	4512	1304							5514
0.0-1.49				41	20						1304
0.0-1.99					6						61
0.0-2.49											6
0.0-2.99											6
0.0-3.49											6
0.0-3.99											6
0.0-4.49											6
0.0-4.99											6
0.0-5.49											6
0.0-5.99											6
0.0-6.49											6
0.0-6.99											6
0.0-7.49											6
0.0-7.99											6
0.0-8.49											6
0.0-8.99											6
0.0-9.99											6
0.0-10.00											6
0.0-GREATER	0	1112	8900	2347	26	0	0	0	0	0	0
TOTAL	0	1112	8900	2347	26	0	0	0	0	0	0

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 2.11 ANGLE CLASS % = 12.4

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			3049								3049
0.0-0.99			2712	1394							4106
0.0-1.49				748	13						761
0.0-1.99				6	27						33
0.0-2.49											0
0.0-2.99											0
0.0-3.49											0
0.0-3.99											0
0.0-4.49											0
0.0-4.99											0
0.0-5.49											0
0.0-5.99											0
0.0-6.49											0
0.0-6.99											0
0.0-7.49											0
0.0-7.99											0
0.0-8.49											0
0.0-8.99											0
0.0-9.99											0
0.0-10.00											0
0.0-GREATER	0	0	5761	2148	40	0	0	0	0	0	0
TOTAL	0	0	5761	2148	40	0	0	0	0	0	0

AVERAGE HS (FT) = 0.60 LARGEST HS (FT) = 1.73 ANGLE CLASS % = 8.0

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			27	377							404
0.0-0.99				7609							7609
0.0-1.49				137	4127						4264
0.0-1.99					611						611
0.0-2.49					34						34
0.0-2.99											0
0.0-3.49											0
0.0-3.99											0
0.0-4.49											0
0.0-4.99											0
0.0-5.49											0
0.0-5.99											0
0.0-6.49											0
0.0-6.99											0
0.0-7.49											0
0.0-7.99											0
0.0-8.49											0
0.0-8.99											0
0.0-9.99											0
0.0-10.00											0
0.0-GREATER	0	0	27	8123	4772	0	0	0	0	0	0
TOTAL	0	0	27	8123	4772	0	0	0	0	0	0

AVERAGE HS (FT) = 0.98 LARGEST HS (FT) = 2.09 ANGLE CLASS % = 12.9

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49			6	412							418
0.0-0.99					1346	1456					2802
0.0-1.49					82	2032					2114
0.0-1.99					3688	157	343				4188
0.0-2.49							6				6
0.0-2.99							13				13
0.0-3.49								6			6
0.0-3.99											0
0.0-4.49											0
0.0-4.99											0
0.0-5.49											0
0.0-5.99											0
0.0-6.49											0
0.0-6.99											0
0.0-7.49											0
0.0-7.99											0
0.0-8.49											0
0.0-8.99											0
0.0-9.99											0
0.0-10.00											0
0.0-GREATER	0	0	6	412	5116	3645	452	6	0	0	0
TOTAL	0	0	6	412	5116	3645	452	6	0	0	0

AVERAGE HS (FT) = 1.63 LARGEST HS (FT) = 3.53 ANGLE CLASS % = 9.6

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49				309	1085						1394
0.5-0.99						1476	1490	1394			4360
1.0-1.49								1229			1229
1.5-1.99											0
2.0-2.49											0
2.5-2.99							48	2417			2465
3.0-3.49								570	302		872
3.5-3.99									144		144
4.0-4.49										13	13
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	0	309	1085	1476	1538	5610	446	13	0

AVERAGE HS(FT) = 1.47 LARGEST HS(FT) = 4.29 ANGLE CLASS % = 10.5

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49											3145
0.5-0.99		1270	1875								1785
1.0-1.49			1717	68							61
1.5-1.99				61							0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	1270	3592	129	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.34 ANGLE CLASS % = 5.0

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49											5109
0.5-0.99		2767	2342								1462
1.0-1.49			1462								47
1.5-1.99			34	13							0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	2767	3838	13	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.38 LARGEST HS(FT) = 1.19 ANGLE CLASS % = 6.6

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49											3110
0.5-0.99		1826	1284								1078
1.0-1.49			1078								40
1.5-1.99			27	13							0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	1826	2389	13	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.39 LARGEST HS(FT) = 1.44 ANGLE CLASS % = 4.2

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	1140	.	.	.	.	.	.	.	1140
0.50-0.99	.	.	776	1717	.	.	.	.	.	.	2493
1.00-1.49	.	.	.	748	1233	.	.	.	.	.	2871
1.50-1.99	2333	.	.	.	.	.	2333
2.00-2.49	1333	.	.	.	.	.	1333
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	1916	2465	369	0	0	0	0	0	1140

AVERAGE HS(FT) = 0.74 LARGEST HS(FT) = 2.05 ANGLE CLASS % = 4.8

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	.	446	.	.	.	.	.	.	446
0.50-0.99	.	.	.	1023	.	.	.	.	.	.	1023
1.00-1.49	350	.	.	.	.	.	350
1.50-1.99	137	.	.	.	.	.	137
2.00-2.49	13	.	.	.	.	13
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	0	1469	487	13	0	0	0	0	446

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.12 ANGLE CLASS % = 2.0

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	549	75	.	.	.	.	.	.	624
0.50-0.99	.	.	.	1043	.	.	.	.	.	.	1043
1.00-1.49	542	.	.	.	.	.	542
1.50-1.99	144	.	.	.	.	.	144
2.00-2.49	6	.	.	.	.	.	6
2.50-2.99	6	.	.	.	.	6
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	549	1118	692	6	0	0	0	0	624

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.50 ANGLE CLASS % = 2.4

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	89	.	.	.	.	.	.	.	89
0.50-0.99	.	.	.	1119	.	.	.	.	.	.	1119
1.00-1.49	.	.	.	137	370	.	.	.	.	.	507
1.50-1.99	96	.	.	.	.	.	96
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-GREATER	0
TOTAL	0	0	89	1256	466	0	0	0	0	0	89

AVERAGE HS(FT) = 0.94 LARGEST HS(FT) = 1.95 ANGLE CLASS % = 1.8

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			769								769
0.99			542	982							1524
1.49				192							192
1.99					20						20
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1311	1174	26	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.76 ANGLE CLASS % = 2.5

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			851								851
0.99			673	240							913
1.49				116							116
1.99					6						6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1524	356	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 1.52 ANGLE CLASS % = 1.9

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2445								2445
0.99			1730	563							2293
1.49				322							322
1.99					6						6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	4175	885	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.52 ANGLE CLASS % = 5.1

STATION 20 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		714	1861								2575
0.99			1717	329							2046
1.49				350							350
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	714	3578	679	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 5.0

STATION 20 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49		769	2067	162	108						3106
0.50-0.99			1692	1709	134	293	149	139			4116
1.00-1.49			6	414	553			122			1095
1.50-1.99				4	138	203					345
2.00-2.49					375	17	34				426
2.50-2.99							14	241			255
3.00-3.49							1	57	30		88
3.50-3.99									14		14
4.00-4.49										i	1
4.50-4.99											0
5.00- GREATER										i	0
TOTAL	0	769	3765	2289	1308	513	198	559	44	i	

AVE HS(FT) = 0.79 LARGEST HS(FT) = 4.29 TOTAL CASES = 14560.

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5			835	3398							4233
1.0				3232	1004						4585
1.5					1192						1192
2.0					15						15
2.5						6					6
3.0						1					1
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	835	7280	2211	7	0	0	0	0	0	0

AVERAGE HS (FT) = 0.60 LARGEST HS (FT) = 2.11 ANGLE CLASS % = 10.3

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5											
1.0				2096							2096
1.5				1861	1153						3014
2.0					684						684
2.5					6						6
3.0						11					11
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	3957	1843	38	0	0	0	0	0	0

AVERAGE HS (FT) = 0.63 LARGEST HS (FT) = 1.73 ANGLE CLASS % = 5.8

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5											
1.0				17	261						278
1.5					5136						5136
2.0					85	2885					2970
2.5						431					431
3.0						17					17
3.5							3				3
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	17	5482	3333	3	0	0	0	0	0

AVERAGE HS (FT) = 0.98 LARGEST HS (FT) = 2.22 ANGLE CLASS % = 8.8

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											
0.5											
1.0				5	234						239
1.5						766	994				1760
2.0							63	1201			1264
2.5							2529	107			2834
3.0									198		198
3.5									46		46
4.0									6		6
4.5											
5.0											
5.5											
6.0											
6.5											
7.0									1		1
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	5	234	3358	2302	250	1	0	0	0

AVERAGE HS (FT) = 1.65 LARGEST HS (FT) = 3.53 ANGLE CLASS % = 6.2

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49				301	781						1082
0.50-0.99						1050	1100	872			3022
1.00-1.49								917			917
1.50-1.99											0
2.00-2.49											0
2.50-2.99							42	1649			1691
3.00-3.49								419	203		622
3.50-3.99									99		99
4.00-4.49										6	6
4.50-4.99										1	1
5.00- GREATER											0
TOTAL	0	0	0	301	781	1050	1142	3857	302	7	0

AVERAGE HS(FT) = 1.44 LARGEST HS(FT) = 4.69 ANGLE CLASS % = 7.4

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											2599
0.50-0.99		954	1635	90							1778
1.00-1.49			1688	65							6
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	954	3323	155	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.47 LARGEST HS(FT) = 1.46 ANGLE CLASS % = 4.4

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											5095
0.50-0.99		2568	2527								2133
1.00-1.49			2133	27							74
1.50-1.99			47	1							1
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	2568	4707	28	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 1.68 ANGLE CLASS % = 7.3

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49											4006
0.50-0.99		2111	1895								1829
1.00-1.49			1829	25							7
1.50-1.99			54								0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	2111	3778	25	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.42 LARGEST HS(FT) = 1.44 ANGLE CLASS % = 5.9

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1534	.	.	.	.	.	.	.	1534
.49	.	.	1255	3328	.	.	.	.	.	.	4583
.99	.	.	.	1629	316	.	.	.	.	.	1945
1.49	550	.	.	.	.	.	550
1.99	37	.	.	.	.	.	37
2.49	3	.	.	.	.	.	3
2.99	1	.	.	.	.	1
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	2789	4957	906	1	0	0	0	0	0
TOTAL	0	0	2789	4957	906	1	0	0	0	0	0

AVERAGE HS (FT) = 0.81 LARGEST HS (FT) = 3.17 ANGLE CLASS % = 8.7

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	.	602	.	.	.	.	.	.	602
.49	.	.	.	2089	.	.	.	.	.	.	2089
.99	971	.	.	.	.	.	971
1.49	487	.	.	.	.	.	487
1.99	27	.	.	.	.	.	27
2.49	35	.	.	.	.	35
2.99	5	.	.	.	.	5
3.49	1	.	.	.	1
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	0	2691	1485	40	2	0	0	0	0
TOTAL	0	0	0	2691	1485	40	2	0	0	0	0

AVERAGE HS (FT) = 0.91 LARGEST HS (FT) = 3.16 ANGLE CLASS % = 4.2

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	809	90	.	.	.	.	.	.	899
.49	.	.	.	1959	.	.	.	.	.	.	1959
.99	1401	.	.	.	.	.	1401
1.49	530	.	.	.	.	.	530
1.99	25	.	.	.	.	.	25
2.49	34	.	.	.	.	34
2.99	10	.	.	.	.	10
3.49	1	.	.	.	1
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	809	2049	1956	44	2	0	0	0	0
TOTAL	0	0	809	2049	1956	44	2	0	0	0	0

AVERAGE HS (FT) = 0.89 LARGEST HS (FT) = 3.29 ANGLE CLASS % = 4.9

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	107	.	.	.	.	.	.	.	107
.49	.	.	.	1931	.	.	.	.	.	.	1931
.99	.	.	.	306	674	.	.	.	.	.	980
1.49	244	.	.	.	.	.	244
1.99	15	.	.	.	.	.	15
2.49	1	.	.	.	.	1
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	107	2237	933	1	0	0	0	0	0
TOTAL	0	0	107	2237	933	1	0	0	0	0	0

AVERAGE HS (FT) = 0.97 LARGEST HS (FT) = 2.31 ANGLE CLASS % = 3.3

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0			913								913
0.5			723	1812							2535
1.0				460	87						547
1.5					77						77
2.0					8						8
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER	0	0	1636	2272	172	0	0	0	0	0	0
TOTAL	0	0	1636	2272	172	0	0	0	0	0	0

AVERAGE HS (FT) = 0.70 LARGEST HS (FT) = 2.21 ANGLE CLASS % = 4.1

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0			997								997
0.5			824	504							1328
1.0				236	6						242
1.5					41						41
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER	0	0	1821	740	47	0	0	0	0	0	0
TOTAL	0	0	1821	740	47	0	0	0	0	0	0

AVERAGE HS (FT) = 0.65 LARGEST HS (FT) = 1.96 ANGLE CLASS % = 2.6

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0			2243								2243
0.5			1880	706							2586
1.0				568							568
1.5					44						44
2.0					1						1
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER	0	0	4123	1274	45	0	0	0	0	0	0
TOTAL	0	0	4123	1274	45	0	0	0	0	0	0

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 2.10 ANGLE CLASS % = 5.4

STATION 20 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0			506	1687							2193
0.5				1618	403						2021
1.0					504						504
1.5					17						17
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
6.5											0
7.0											0
7.5											0
8.0											0
8.5											0
9.0											0
GREATER	0	506	3305	924	0	0	0	0	0	0	0
TOTAL	0	506	3305	924	0	0	0	0	0	0	0

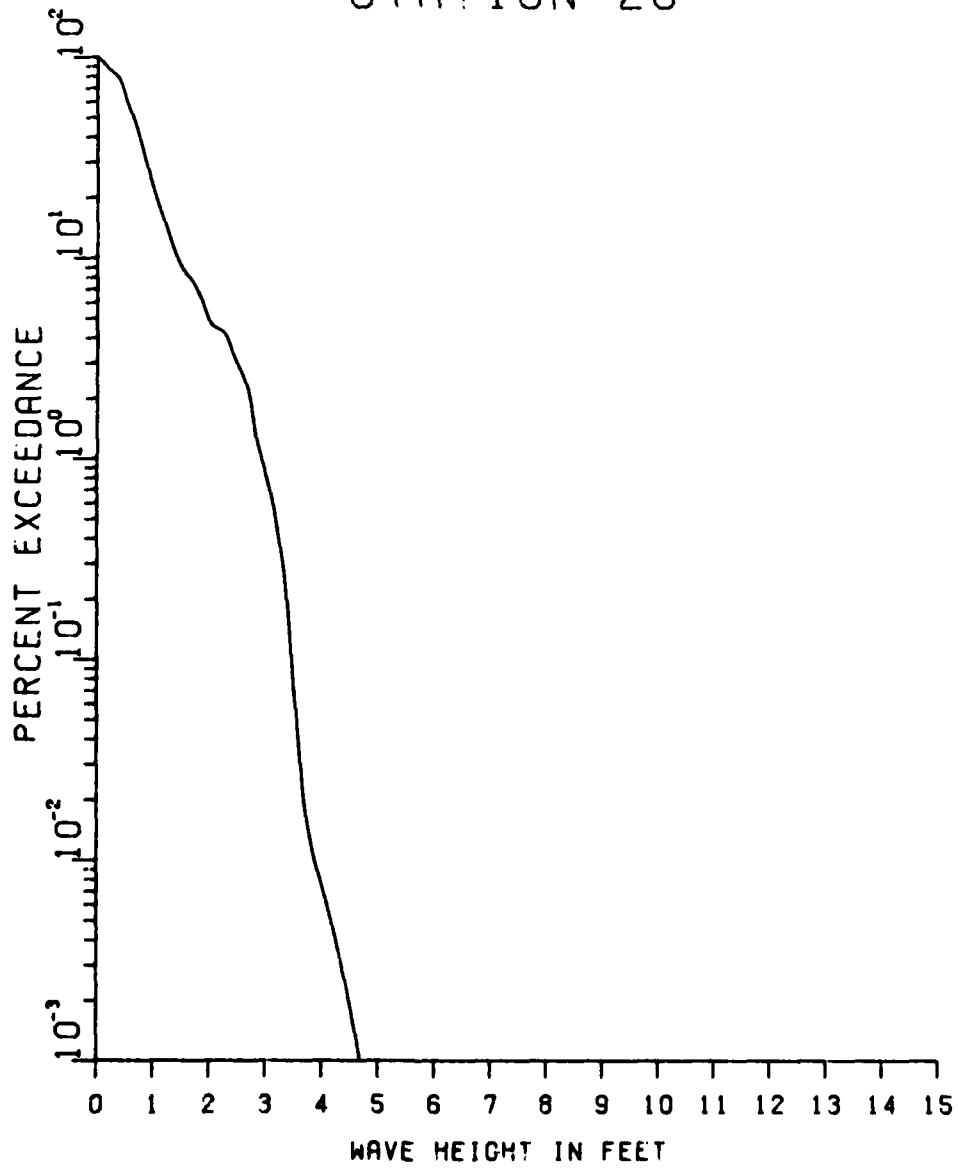
AVERAGE HS (FT) = 0.58 LARGEST HS (FT) = 1.74 ANGLE CLASS % = 4.7

STATION 20 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 9.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	697	1986	149	78	.	.	.	.	.	2910
0.5-0.99	.	.	1770	2012	76	204	110	87	.	.	4259
1.0-1.49	.	.	10	578	637	.	.	91	.	.	1316
1.5-1.99	.	.	.	4	248	120	.	.	.	.	372
2.0-2.49	266	18	19	.	.	.	303
2.5-2.99	1	.	164	.	.	174
3.0-3.49	1	41	20	.	629
3.5-3.99	9	.	9
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	697	3766	2743	1305	343	139	383	29	0	58440

AVE HS (FT) = 0.76 LARGEST HS (FT) = 4.69 TOTAL CASES = 58440

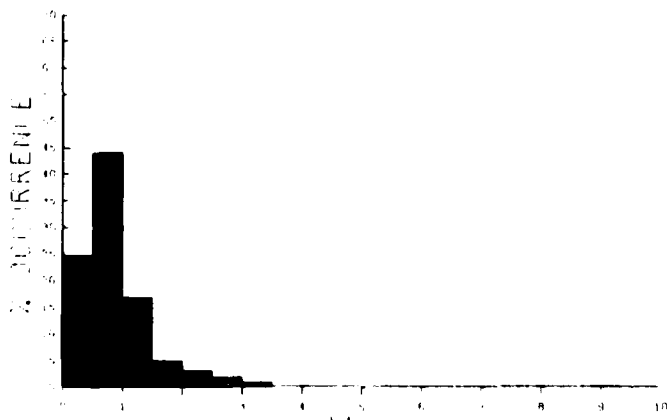
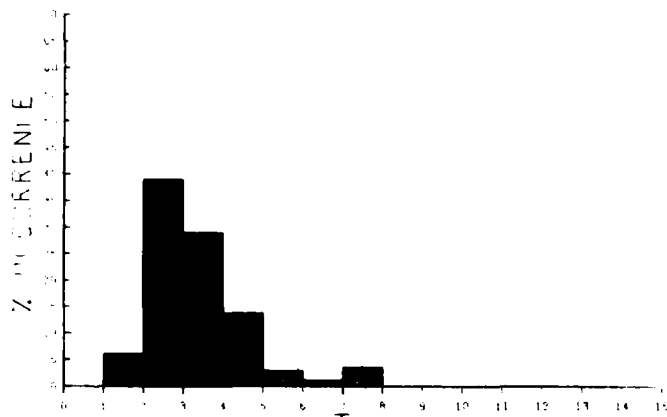
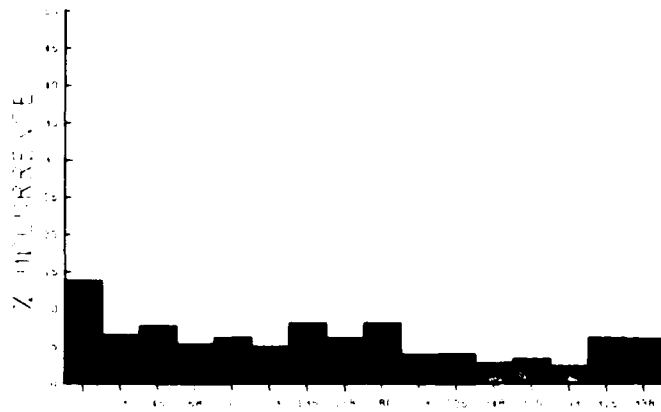
STATION 20



STATION 20

DEC. - FEB.

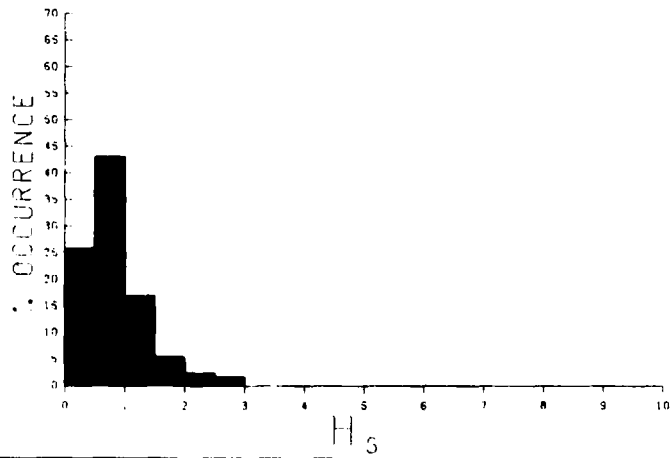
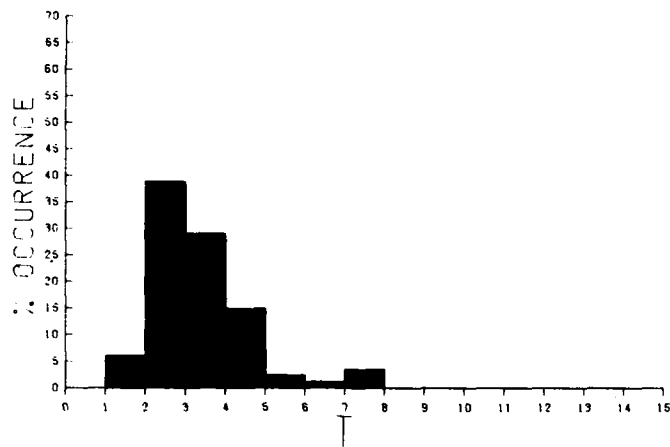
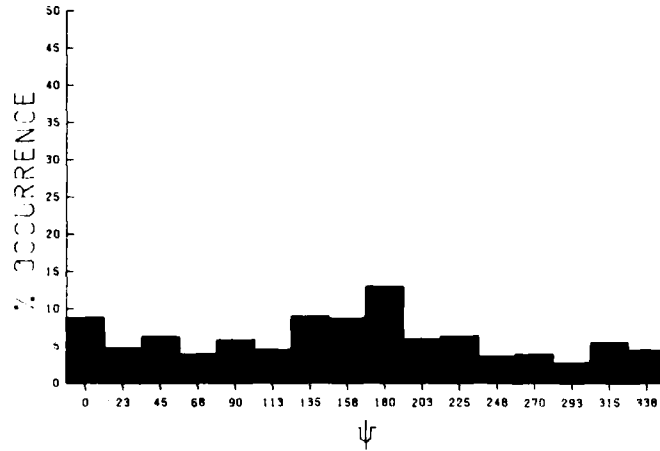
1440 CHL.



STATION 20

MAR. - MAY

14720 CASES

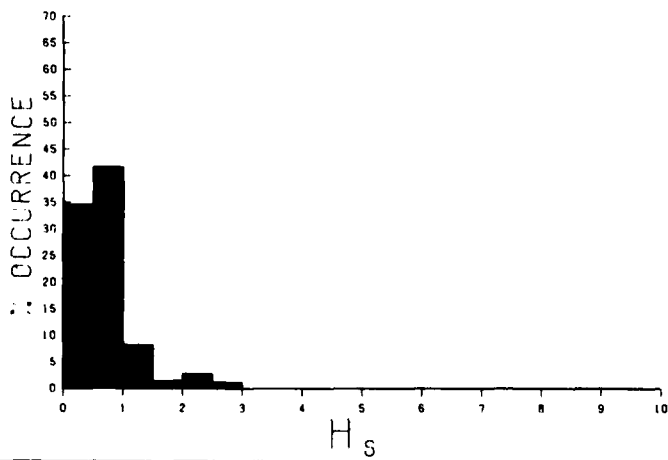
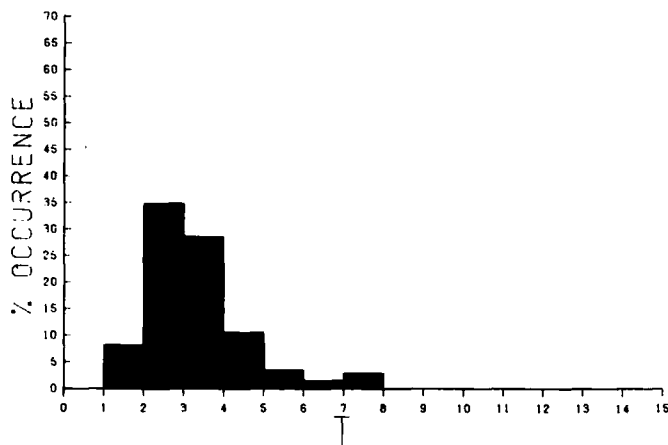
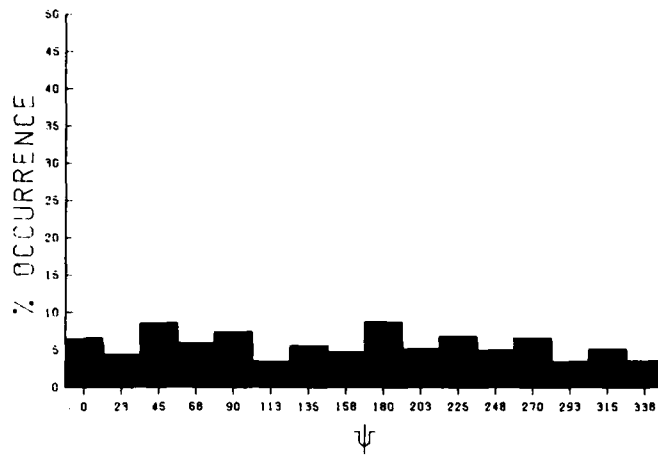


E268

STATION 20

JUN. - AUG.

14720 CASES

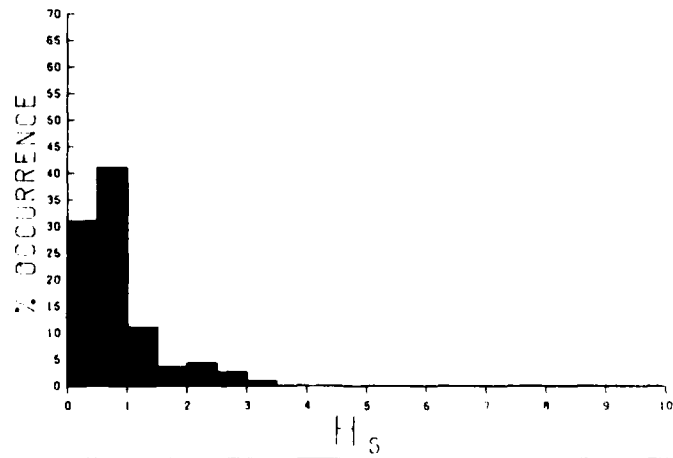
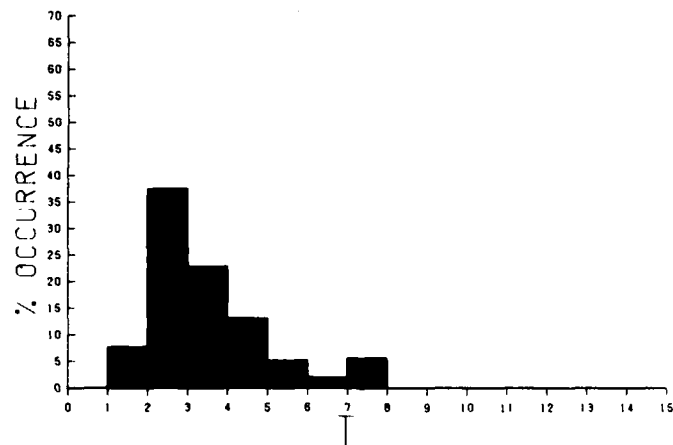
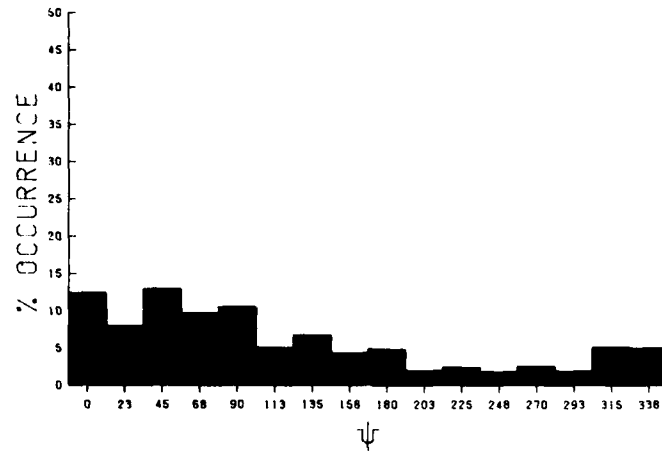


E269

STATION 20

SEP. - NOV.

14560 CASES

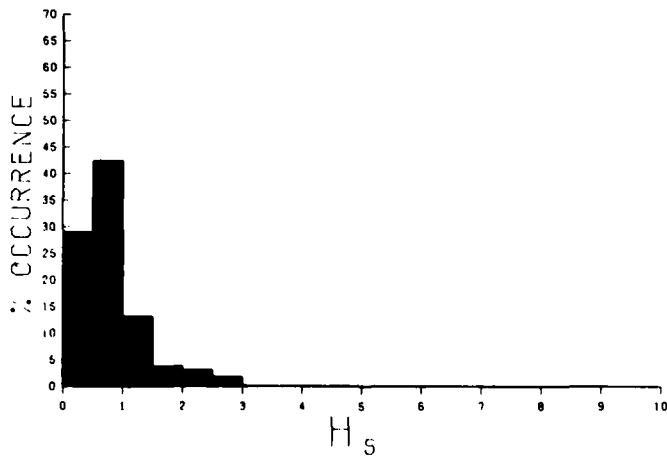
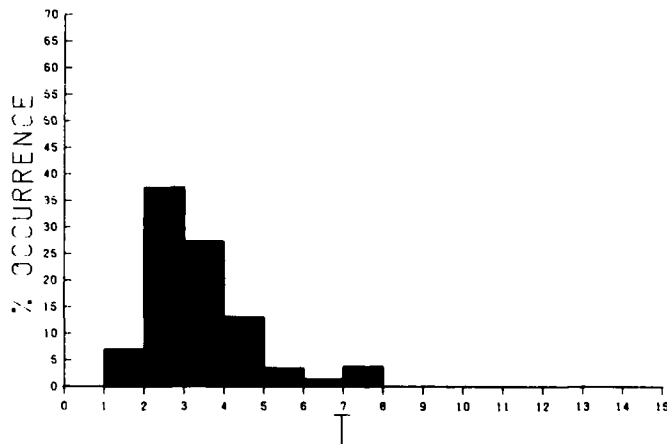
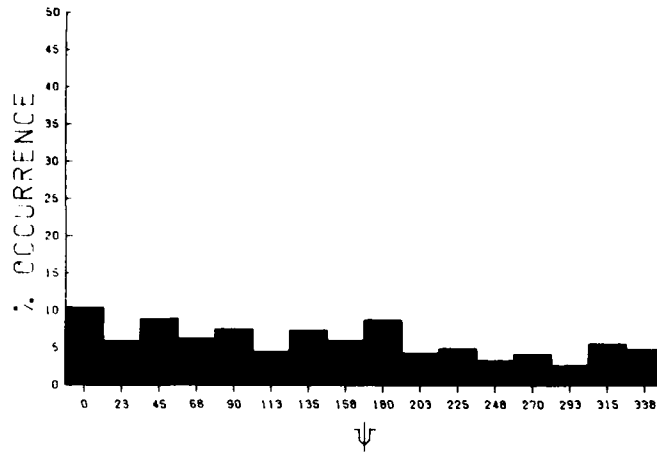


E270

STATION 20

JAN. - DEC.

58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 20

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.6	0.7	0.6	0.5	0.6
1957	0.7	0.7	0.6	0.7	0.6	0.6	0.5	0.7	0.7	0.8	0.7	0.6	0.7
1958	0.8	0.8	0.7	0.9	0.8	0.7	0.6	0.6	0.9	0.9	0.9	1.0	0.8
1959	0.9	1.0	1.1	0.8	0.8	0.8	0.7	0.9	1.1	1.0	1.0	1.0	0.9
1960	1.0	1.0	1.0	0.8	0.7	0.8	0.7	0.6	0.9	0.6	0.8	0.9	0.8
1961	0.9	1.0	0.9	1.0	0.8	0.7	0.6	0.7	0.9	0.9	0.8	0.9	0.8
1962	1.0	0.9	1.0	0.8	0.7	0.6	0.5	0.6	0.7	0.6	0.7	0.7	0.7
1963	0.7	0.8	0.7	0.8	0.6	0.6	0.5	0.4	0.8	0.9	0.9	1.0	0.7
1964	0.9	1.2	1.1	1.0	0.8	0.7	0.8	0.7	1.0	1.0	0.9	1.0	0.9
1965	0.9	1.2	1.1	1.0	0.9	0.8	0.7	0.6	1.2	1.1	1.0	1.0	1.0
1966	1.1	1.0	1.0	1.0	1.1	0.9	0.7	0.5	0.6	0.7	0.7	0.9	0.9
1967	0.7	0.8	0.8	0.8	0.8	0.8	0.6	0.6	0.9	0.7	0.8	0.8	0.8
1968	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.6	0.6	0.7	0.7	0.7
1969	0.8	0.8	0.9	0.7	0.8	0.6	0.5	0.8	0.6	1.0	0.6	0.9	0.8
1970	0.8	0.8	0.9	0.8	0.7	0.6	0.5	0.5	0.8	0.9	0.8	0.8	0.7
1971	0.6	0.9	1.0	1.0	0.7	0.7	0.6	0.8	0.9	0.5	0.8	0.8	0.8
1972	0.8	0.7	0.6	0.8	0.8	0.8	0.8	0.6	0.7	0.8	0.8	0.7	0.7
1973	0.8	0.8	0.9	0.8	0.8	0.5	0.5	0.5	0.9	0.7	0.8	0.8	0.7
1974	0.7	0.8	0.8	0.8	0.7	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.7
1975	0.7	0.7	1.0	0.9	0.5	0.6	0.6	0.5	0.7	0.6	0.7	0.7	0.7
MEAN	0.8	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.8	0.8	0.8	0.8	

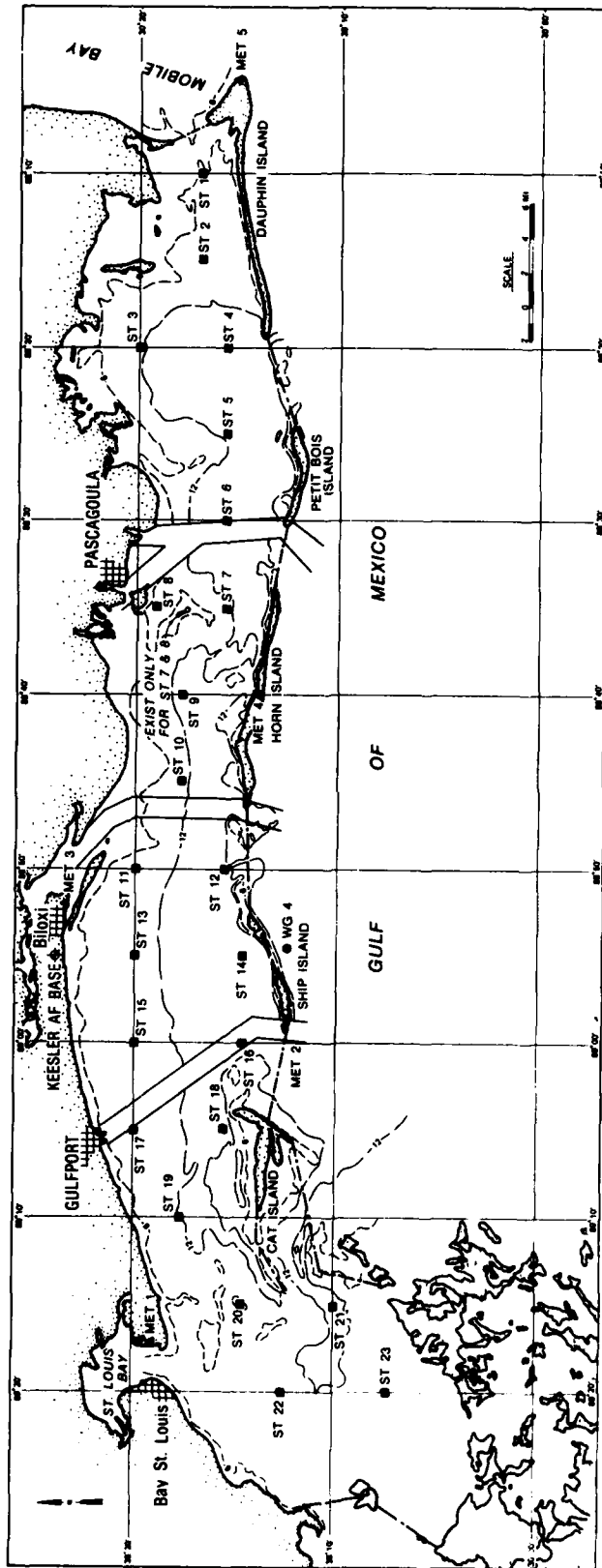
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 20

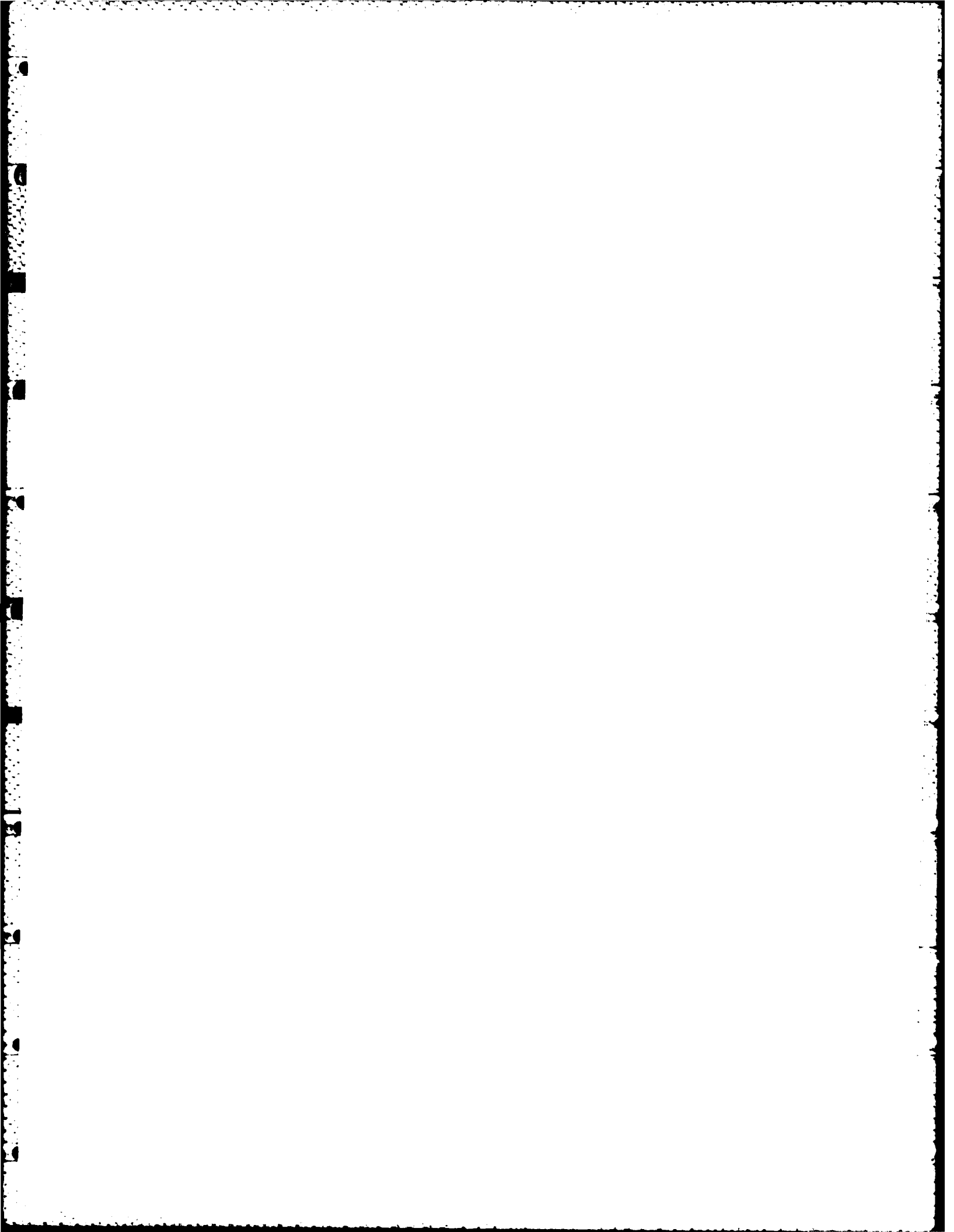
MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.9	2.8	3.0	2.7	2.8	2.7	1.5	1.9	3.4	2.8	2.7	2.1
1957	3.1	3.2	3.1	2.8	2.8	2.5	2.8	3.4	2.9	3.3	3.3	2.5
1958	3.5	3.0	3.2	3.7	3.7	3.1	2.7	2.8	3.7	3.3	3.1	3.1
1959	2.9	3.4	3.3	2.5	3.3	3.5	2.8	3.4	3.9	3.7	3.6	3.5
1960	3.7	3.3	3.2	3.3	3.5	3.0	2.7	2.8	3.5	2.7	3.4	3.2
1961	3.1	4.2	4.2	2.8	2.7	2.8	2.3	3.2	3.5	3.3	3.0	3.3
1962	3.3	2.8	2.5	3.1	2.7	2.7	2.8	2.8	3.0	3.0	2.7	2.8
1963	2.8	3.6	2.8	2.8	2.5	2.8	2.3	2.3	3.6	3.3	3.4	3.3
1964	3.5	3.7	3.4	3.0	3.0	3.1	3.3	2.5	3.4	3.3	3.1	3.2
1965	3.2	3.4	3.1	3.0	3.3	3.4	3.1	2.8	4.3	3.4	3.1	3.0
1966	3.3	3.7	3.3	3.0	3.6	3.4	3.3	3.0	3.0	3.0	3.1	3.2
1967	2.7	3.0	3.0	3.1	2.6	3.0	2.5	3.0	3.2	3.0	2.8	3.3
1968	3.1	2.8	2.8	2.5	3.0	3.1	3.0	2.8	3.1	3.0	3.1	3.2
1969	3.1	3.6	3.4	3.2	3.2	2.7	2.7	4.7	3.1	3.2	3.4	3.4
1970	3.0	3.5	3.5	2.8	3.3	2.7	3.1	3.0	3.1	3.5	3.3	3.6
1971	3.4	3.4	3.8	3.4	2.8	3.8	3.3	3.1	3.2	2.5	3.5	3.3
1972	3.2	3.0	2.7	3.3	3.3	3.2	3.5	2.7	3.2	3.5	3.4	2.3
1973	3.2	3.4	3.7	3.2	2.7	2.8	3.0	2.8	3.3	3.1	3.0	3.2
1974	2.7	3.1	3.2	3.6	3.1	2.8	2.8	3.0	3.0	3.1	3.1	3.0
1975	2.8	3.0	3.5	3.2	3.0	3.0	2.8	2.7	3.0	2.8	3.1	3.5

LARGEST HS(FEET) FOR STATION 20 = 4.7



E273



STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49			186								186
0.99				3725							3725
1.49				3538							3538
1.99					3220						3220
2.49					3185						3185
2.99					173						173
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
GREATER	0	0	186	7263	6578	0	0	0	0	0	0
TOTAL	0	0	186	7263	6578	0	0	0	0	0	0

AVERAGE HS(FT) = 1.23 LARGEST HS(FT) = 2.28 ANGLE CLASS % = 14.0

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49											55
0.99				1585							1585
1.49				657							657
1.99					2576						2576
2.49					1634						1634
2.99					83		27				110
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
GREATER	0	0	0	2297	4293	27	0	0	0	0	0
TOTAL	0	0	0	2297	4293	27	0	0	0	0	0

AVERAGE HS(FT) = 1.24 LARGEST HS(FT) = 2.26 ANGLE CLASS % = 6.6

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49											103
0.99				2783							2783
1.49					3421						3421
1.99					1364						1364
2.49						90					90
2.99						6					6
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
GREATER	0	0	0	2886	4785	96	0	0	0	0	0
TOTAL	0	0	0	2886	4785	96	0	0	0	0	0

AVERAGE HS(FT) = 1.20 LARGEST HS(FT) = 2.55 ANGLE CLASS % = 7.8

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.49											2084
0.99			2084								2084
1.49			1932	997							2929
1.99				131							131
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
GREATER	0	0	4016	1128	13	0	0	0	0	0	0
TOTAL	0	0	4016	1128	13	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.59 ANGLE CLASS % = 5.2

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2202								4203
0.50-0.99		2001	1807	20							1827
1.00-1.49											0
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	2001	4009	26	0	0	0	0	0	0	

AVERAGE HS(FT) = 0.41 LARGEST HS(FT) = 1.27 ANGLE CLASS % = 6.0

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1738								2555
0.50-0.99		817	2278	117							2395
1.00-1.49				13							13
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	817	4016	130	0	0	0	0	0	0	

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.17 ANGLE CLASS % = 5.0

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2735								5151
0.50-0.99		2416	2818	69							2897
1.00-1.49				117							117
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	2416	5553	186	0	0	0	0	0	0	

AVERAGE HS(FT) = 0.46 LARGEST HS(FT) = 1.44 ANGLE CLASS % = 8.2

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1523								3503
0.50-0.99		1980	2375	152							2527
1.00-1.49				117							117
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	1980	3898	269	0	0	0	0	0	0	

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.26 ANGLE CLASS % = 6.1

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	1821	3206	463	.	.	.	.	.	.	5027
0.50-0.99	.	.	2929	560	.	.	.	.	.	.	3392
1.00-1.49	.	.	.	6	13	.	.	.	.	.	506
1.50-1.99	190
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1821	6135	1029	13	0	0	0	0	0	0

AVERAGE HS (FT) = 0.51 LARGEST HS (FT) = 1.90 ANGLE CLASS % = 9.0

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	1398	1031	.	.	.	.	.	.	1398
0.50-0.99	.	.	990	740	.	.	.	.	.	.	2021
1.00-1.49	.	.	.	20	13	.	.	.	.	.	740
1.50-1.99	26
2.00-2.49	13
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	2388	1791	19	0	0	0	0	0	0

AVERAGE HS (FT) = 0.70 LARGEST HS (FT) = 2.23 ANGLE CLASS % = 4.2

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	429	1932	.	.	.	.	.	.	429
0.50-0.99	.	.	.	256	1038	.	.	.	.	.	1932
1.00-1.49	360	.	.	.	.	.	1294
1.50-1.99	20	.	.	.	.	360
2.00-2.49	13	.	.	.	.	20
2.50-2.99	13
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	429	2188	1398	33	0	0	0	0	0

AVERAGE HS (FT) = 0.93 LARGEST HS (FT) = 2.99 ANGLE CLASS % = 4.1

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	.	48	.	.	.	.	.	.	48
0.50-0.99	.	.	.	1149	831	.	.	.	.	.	1149
1.00-1.49	.	.	.	283	533	.	.	.	.	.	1114
1.50-1.99	20	6	.	.	.	.	533
2.00-2.49	26
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	0	1480	1384	6	0	0	0	0	0

AVERAGE HS (FT) = 1.12 LARGEST HS (FT) = 2.41 ANGLE CLASS % = 2.9

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	180	1855	.	.	.	.	.	.	180
0.50-0.99	.	.	.	734	727	.	.	.	.	.	1855
1.00-1.49	505	.	.	.	.	.	1461
1.50-1.99	76	.	.	.	.	.	505
2.00-2.49	76
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	180	2589	1308	0	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.37 ANGLE CLASS % = 4.1

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	131	1135	.	.	.	.	.	.	131
0.50-0.99	.	.	.	311	699	.	.	.	.	.	1135
1.00-1.49	436	20	.	.	.	.	1010
1.50-1.99	76	.	.	.	.	.	436
2.00-2.49	20
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	131	1446	1211	20	0	0	0	0	0

AVERAGE HS(FT) = 1.15 LARGEST HS(FT) = 2.40 ANGLE CLASS % = 2.8

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	200	2396	.	.	.	.	.	.	200
0.50-0.99	.	.	.	1142	1170	.	.	.	.	.	2396
1.00-1.49	1343	.	.	.	.	.	2312
1.50-1.99	145	6	.	.	.	.	1343
2.00-2.49	20	.	.	.	.	6
2.50-2.99	20
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	200	3538	2658	26	0	0	0	0	0

AVERAGE HS(FT) = 1.17 LARGEST HS(FT) = 2.67 ANGLE CLASS % = 6.4

STATION 21 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	117	1828	.	.	.	.	.	.	117
0.50-0.99	.	.	.	1440	1274	.	.	.	.	.	1828
1.00-1.49	1509	.	.	.	.	.	1274
1.50-1.99	55	.	.	.	.	.	1509
2.00-2.49	55
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	0	117	3268	2838	0	0	0	0	0	0

AVERAGE HS(FT) = 1.19 LARGEST HS(FT) = 2.25 ANGLE CLASS % = 6.2

STATION 21 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	903	1613	20	.	.	.	.	.	.	2536
0.50-0.99	.	.	1513	2124	.	.	.	.	.	.	3637
1.00-1.49	.	.	.	1005	1495	.	.	.	.	.	2500
1.50-1.99	.	.	.	2	1090	.	.	.	.	.	1092
2.00-2.49	64	17	.	.	.	.	81
2.50-2.99	4	.	.	.	.	4
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	903	3126	3151	2649	21	0	0	0	0	0

AVE HS(FT) = 0.86 LARGEST HS(FT) = 2.99 TOTAL CASES = 14440.

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	156	.	.	.	.	.	.	156
0.5 - 0.99	.	.	.	3226	.	.	.	.	.	3226
1.0 - 1.49	.	.	.	2436	1705	.	.	.	.	4161
1.5 - 1.99	1311	.	.	.	.	1311
2.0 - 2.49	27	.	.	.	.	27
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	0	0	156	5712	3043	0	0	0	0	0

AVERAGE HS (FT) = 1.12 LARGEST HS (FT) = 2.16 ANGLE CLASS % = 8.9

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	.	27	.	.	.	.	.	27
0.5 - 0.99	.	.	.	1447	.	.	.	.	.	1447
1.0 - 1.49	.	.	.	591	1677	.	.	.	.	2268
1.5 - 1.99	903	.	.	.	.	903
2.0 - 2.49	27	.	.	.	.	27
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	0	0	0	2065	2607	0	0	0	0	0

AVERAGE HS (FT) = 1.17 LARGEST HS (FT) = 2.04 ANGLE CLASS % = 4.7

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	20	258	.	.	.	.	.	278
0.5 - 0.99	.	.	.	2357	.	.	.	.	.	2357
1.0 - 1.49	2527	.	.	.	.	2527
1.5 - 1.99	910	.	.	.	.	910
2.0 - 2.49	88	.	.	.	88
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	0	0	20	2615	3437	88	0	0	0	0

AVERAGE HS (FT) = 1.13 LARGEST HS (FT) = 2.40 ANGLE CLASS % = 6.2

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0 - 0.49	.	.	1426	.	.	.	.	.	.	1426
0.5 - 0.99	.	.	1555	658	.	.	.	.	.	2213
1.0 - 1.49	.	.	.	85	.	.	.	.	.	85
1.5 - 1.99	0
2.0 - 2.49	0
2.5 - 2.99	0
3.0 - 3.49	0
3.5 - 3.99	0
4.0 - 4.49	0
4.5 - 4.99	0
5.0 - GREATER	0
TOTAL	0	0	2981	753	0	0	0	0	0	0

AVERAGE HS (FT) = 0.55 LARGEST HS (FT) = 1.29 ANGLE CLASS % = 3.7

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1705	2248	27							3953
0.99			1596	27							1623
1.49				13							13
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	1705	3844	40	0	0	0	0	0	0	0
TOTAL	0	1705	3844	40	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.41 LARGEST HS(FT) = 1.35 ANGLE CLASS % = 5.6

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		679	1433	14							2112
0.99			2058	142							2200
1.49				95							95
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	679	3491	237	0	0	0	0	0	0	0
TOTAL	0	679	3491	237	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.41 ANGLE CLASS % = 4.4

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		2214	3063	101							5277
0.99			3430	135							3531
1.49											135
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	2214	6493	236	0	0	0	0	0	0	0
TOTAL	0	2214	6493	236	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.39 ANGLE CLASS % = 8.9

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		2275	1963	210							4238
0.99			4028	156							4238
1.49											156
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER	0	2275	5991	366	0	0	0	0	0	0	0
TOTAL	0	2275	5991	366	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.21 ANGLE CLASS % = 8.6

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			4076								6609
0.5		2533	5584	944							6500
1.0				815							815
1.5				13							13
2.0					6						6
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	2533	9660	1772	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 2.08 ANGLE CLASS % = 14.0

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			2038								2038
0.5			1263	1657							2920
1.0				1100							1100
1.5				6	54						60
2.0											
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	3301	2763	54	0	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 1.84 ANGLE CLASS % = 6.1

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			760								760
0.5				2663							2663
1.0				495	1610						2105
1.5					665						665
2.0					27	13					40
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	760	3158	2302	13	0	0	0	0	0

AVERAGE HS(FT) = 0.94 LARGEST HS(FT) = 2.43 ANGLE CLASS % = 6.2

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0			6	61							67
0.5				1243							1243
1.0				441	1202						1643
1.5					468						468
2.0					67	6					73
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
GREATER											
TOTAL	0	0	6	1745	1737	6	0	0	0	0	0

AVERAGE HS(FT) = 1.13 LARGEST HS(FT) = 2.34 ANGLE CLASS % = 3.5

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			122								122
0.99				2364							2364
1.49				828	720						1548
1.99					489						489
2.49					61						61
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	122	3192	1270	0	0	0	0	0	0

AVERAGE HS(FT) = 1.04 LARGEST HS(FT) = 2.23 ANGLE CLASS % = 4.6

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			40								40
0.99				1552							1552
1.49				285	747						1032
1.99					387						387
2.49					47	13					60
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	40	1840	1181	13	0	0	0	0	0

AVERAGE HS(FT) = 1.11 LARGEST HS(FT) = 2.47 ANGLE CLASS % = 3.1

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			81								81
0.99				2201							2201
1.49				998	1025						2023
1.99					1036						1036
2.49					95						95
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	81	3199	2206	0	0	0	0	0	0

AVERAGE HS(FT) = 1.14 LARGEST HS(FT) = 2.31 ANGLE CLASS % = 5.5

STATION 21 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			40								40
0.99				1569							1569
1.49				1093	869						1962
1.99					808						808
2.49					33						33
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	40	2662	1710	0	0	0	0	0	0

AVERAGE HS(FT) = 1.15 LARGEST HS(FT) = 2.14 ANGLE CLASS % = 4.4

STATION 21 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	940	1727	34	.	.	.	.	.	.	2721
0.50 - 0.99	.	.	1951	2237	.	.	.	.	.	.	4183
1.00 - 1.49	.	.	.	963	2	.	.	.	.	.	2171
1.50 - 1.99	.	.	.	2	1208	.	.	.	.	.	710
2.00 - 2.49	703	12	.	.	.	.	51
2.50 - 2.99	39	.	.	.	.	.	0
3.00 - 3.49	0
3.50 - 3.99	0
4.00 - 4.49	0
4.50 - 4.99	0
5.00 - 5.49	0
5.50 - 5.99	0
6.00 - 6.49	0
6.50 - 6.99	0
7.00 - 7.49	0
7.50 - 7.99	0
8.00 - 8.49	0
8.50 - 8.99	0
9.00 - 9.49	0
9.50 - 9.99	0
GREATER	0
TOTAL	0	940	3698	3236	1955	12	0	0	0	0	14720

AVE HS (FT) = 0.79 LARGEST HS (FT) = 2.47 TOTAL CASES = 14720.

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	346	.	.	.	.	.	.	.	346
1.00 - 0.99	.	.	.	4483	.	.	.	.	.	.	4483
1.50 - 1.49	.	.	.	1569	317	.	.	.	.	.	1886
2.00 - 1.99	74	.	.	.	.	.	74
2.50 - 2.49	0
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	346	6052	393	0	0	0	0	0	0

AVERAGE HS (FT) = 0.85 LARGEST HS (FT) = 1.84 ANGLE CLASS % = 6.8

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	6	190	.	.	.	.	.	.	196
1.00 - 0.99	.	.	.	2350	.	.	.	.	.	.	2350
1.50 - 1.49	.	.	.	658	1134	.	.	.	.	.	1792
2.00 - 1.99	142	.	.	.	.	.	142
2.50 - 2.49	0
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	6	3198	1276	0	0	0	0	0	0

AVERAGE HS (FT) = 0.93 LARGEST HS (FT) = 1.75 ANGLE CLASS % = 4.5

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	20	495	.	.	.	.	.	.	515
1.00 - 0.99	.	.	.	4714	.	.	.	.	.	.	4714
1.50 - 1.49	2914	.	.	.	.	.	2914
2.00 - 1.99	360	.	.	.	.	.	360
2.50 - 2.49	13	.	.	.	.	13
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	20	5209	3274	13	0	0	0	0	0

AVERAGE HS (FT) = 0.97 LARGEST HS (FT) = 2.47 ANGLE CLASS % = 8.5

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.50 - 0.49	.	.	3267	.	.	.	.	.	.	.	3267
1.00 - 0.99	.	.	1779	489	.	.	.	.	.	.	2268
1.50 - 1.49	.	.	.	20	.	.	.	.	.	.	20
2.00 - 1.99	6	.	.	.	.	.	6
2.50 - 2.49	0
3.00 - 2.99	0
3.50 - 3.49	0
4.00 - 3.99	0
4.50 - 4.49	0
5.00 - 4.99	0
5.00 - GREATER	0
TOTAL	0	0	5046	509	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.46 LARGEST HS (FT) = 1.96 ANGLE CLASS % = 5.6

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49		3953	2194								6147
0.50-0.99			822								822
1.00-1.49				6							6
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00- GREATER											0
TOTAL	0	3953	3016	12	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.30 LARGEST HS (FT) = 1.69 ANGLE CLASS % = 7.0

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49		1052	1501								2553
0.50-0.99			788	33							821
1.00-1.49				13							13
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00- GREATER											0
TOTAL	0	1052	2289	46	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.38 LARGEST HS (FT) = 1.03 ANGLE CLASS % = 3.4

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49		2873	1970								4843
0.50-0.99			658								658
1.00-1.49				6							6
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00- GREATER											0
TOTAL	0	2873	2628	6	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.32 LARGEST HS (FT) = 1.69 ANGLE CLASS % = 5.5

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49		2357	1209								3566
0.50-0.99			1039	27							1066
1.00-1.49				6							6
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00- GREATER											0
TOTAL	0	2357	2248	33	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.34 LARGEST HS (FT) = 1.39 ANGLE CLASS % = 4.6

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											8063
0.5				4218							2410
1.0		3845	2302	108							67
1.5				67							0
2.0											0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
TOTAL	0	3845	6520	175	0	0	0	0	0	0	

AVERAGE HS (FT) = 0.38 LARGEST HS (FT) = 1.32 ANGLE CLASS % = 10.5

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											3967
0.5				3967							1711
1.0			1046	665							203
1.5				203							13
2.0				13							0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
TOTAL	0	0	5013	881	0	0	0	0	0	0	

AVERAGE HS (FT) = 0.50 LARGEST HS (FT) = 1.53 ANGLE CLASS % = 5.9

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											1487
0.5				1487							4001
1.0					4001						1236
1.5					455	781					33
2.0						33					0
2.5											0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
TOTAL	0	0	1487	4456	814	0	0	0	0	0	

AVERAGE HS (FT) = 0.67 LARGEST HS (FT) = 1.66 ANGLE CLASS % = 6.8

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											223
0.5				6							2934
1.0					217						1636
1.5					2934						122
2.0					604	1032					0
2.5						122					0
3.0											0
3.5											0
4.0											0
4.5											0
5.0											0
5.5											0
6.0											0
TOTAL	0	0	6	3755	1154	0	0	0	0	0	

AVERAGE HS (FT) = 0.90 LARGEST HS (FT) = 1.88 ANGLE CLASS % = 4.9

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	.	468	.	.	.	.	.	.	.	468
0.99	.	.	.	5502	652	.	.	.	.	.	6154
1.49	.	.	.	1630	115	.	.	.	.	.	1745
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	468	7132	767	0	0	0	0	0	8367

AVERAGE HS (FT) = 0.89 LARGEST HS (FT) = 1.79 ANGLE CLASS % = 8.4

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	.	230	.	.	.	.	.	.	.	230
0.99	.	.	.	2982	760	.	.	.	.	.	3742
1.49	.	.	.	495	83	.	.	.	.	.	578
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	230	3477	848	0	0	0	0	0	4555

AVERAGE HS (FT) = 0.91 LARGEST HS (FT) = 1.89 ANGLE CLASS % = 4.6

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	.	407	.	.	.	.	.	.	.	407
0.99	.	.	.	3695	366	.	.	.	.	.	4061
1.49	.	.	.	917	108	.	.	.	.	.	1025
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	407	4612	474	0	0	0	0	0	5503

AVERAGE HS (FT) = 0.86 LARGEST HS (FT) = 1.97 ANGLE CLASS % = 5.5

STATION 21 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49	.	.	203	.	.	.	.	.	.	.	203
0.99	.	.	.	2798	190	.	.	.	.	.	2988
1.49	.	.	.	529	6	.	.	.	.	.	535
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	203	3327	196	0	0	0	0	0	3726

AVERAGE HS (FT) = 0.81 LARGEST HS (FT) = 1.66 ANGLE CLASS % = 3.7

STATION 21 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1408	2150	90	.	.	.	.	.	.	3648
0.50-0.99	.	.	843	3478	.	.	.	.	.	.	4321
1.00-1.49	.	.	.	718	815	.	.	.	.	.	1533
1.50-1.99	.	.	.	2	105	.	.	.	.	.	107
2.00-2.49	1	.	.	.	.	1
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	1408	2993	4288	920	1	0	0	0	0	14720

AVE HS(FT) = 0.63 LARGEST HS(FT) = 2.47 TOTAL CASES = 14720.

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	412	.	.	.	.	.	.	.	412
0.5-0.99	.	.	.	5501	1902	.	.	.	.	.	5501
1.0-1.49	.	.	.	3193	1627	.	.	.	.	.	3193
1.5-1.99	151	.	.	.	.	.	151
2.0-2.49	13	.	.	.	.	13
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	412	8694	3680	13	0	0	0	0	0

AVERAGE HS(FT) = 1.07 LARGEST HS(FT) = 2.70 ANGLE CLASS % = 12.8

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	6	157	.	.	.	.	.	.	163
0.5-0.99	.	.	.	3076	.	.	.	.	.	.	3076
1.0-1.49	.	.	.	1181	2637	.	.	.	.	.	3818
1.5-1.99	1037	.	.	.	.	.	1037
2.0-2.49	27	20	.	.	.	.	47
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	6	4414	3701	20	0	0	0	0	0

AVERAGE HS(FT) = 1.08 LARGEST HS(FT) = 2.30 ANGLE CLASS % = 8.1

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	27	446	.	.	.	.	.	.	473
0.5-0.99	.	.	.	5652	.	.	.	.	.	.	5652
1.0-1.49	5274	.	.	.	.	.	5274
1.5-1.99	1346	.	.	.	.	.	1346
2.0-2.49	178	.	.	.	.	178
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	27	6098	6620	178	0	0	0	0	0

AVERAGE HS(FT) = 1.09 LARGEST HS(FT) = 2.41 ANGLE CLASS % = 12.9

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	4217	.	.	.	.	.	.	.	4217
0.5-0.99	.	.	3372	1304	.	.	.	.	.	.	4676
1.0-1.49	.	.	.	309	.	.	.	.	.	.	309
1.5-1.99	13	.	.	.	.	.	13
2.0-2.49	6	.	.	.	.	.	6
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	7589	1613	19	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 2.03 ANGLE CLASS % = 9.2

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	3976	3859	13	.	.	.	.	.	.	7835
0.50-0.99	.	.	2362	27	.	.	.	.	.	.	2375
1.00-1.49	0
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	3976	6221	40	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.38 LARGEST HS (FT) = 1.40 ANGLE CLASS % = 10.2

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	1270	1875	75	.	.	.	.	.	.	3145
0.50-0.99	.	.	1730	41	.	.	.	.	.	.	1805
1.00-1.49	41
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1270	3605	116	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.43 LARGEST HS (FT) = 1.30 ANGLE CLASS % = 5.0

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	2767	2342	6	.	.	.	.	.	.	5109
0.50-0.99	.	.	1456	48	.	.	.	.	.	.	1462
1.00-1.49	48
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	2767	3798	54	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.38 LARGEST HS (FT) = 1.21 ANGLE CLASS % = 6.6

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	1826	1023	68	.	.	.	.	.	.	2849
0.50-0.99	.	.	1270	41	.	.	.	.	.	.	1338
1.00-1.49	41
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1826	2293	109	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.40 LARGEST HS (FT) = 1.44 ANGLE CLASS % = 4.2

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MISSISSIPPI SOUND WAVE-HINDCAST STUDY: APPENDICES E
THROUGH G(U) ARMY ENGINEER WATERWAYS EXPERIMENT STATION
VICKSBURG MS HYDRAULICS LAB R E JENSEN APR 83
WES/TR/HL-83-8-APP-E-G

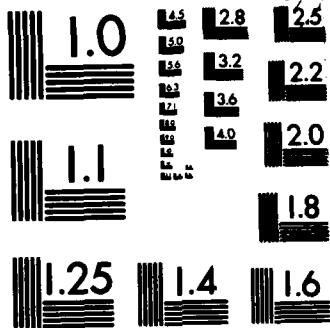
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MICROCOPY RESOLUTION TEST CHART
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STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	274	.	.	.	.	.	.	.	274
0.99	.	.	.	2239	.	.	.	.	.	.	2239
1.49	.	.	.	526	267	.	.	.	.	.	793
1.99	75	.	.	.	.	.	75
2.49	6	.	.	.	.	.	6
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	274	2767	348	0	0	0	0	0	3480

AVERAGE HS (FT) = 0.86 LARGEST HS (FT) = 2.01 ANGLE CLASS % = 3.4

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	89	.	.	.	.	.	.	.	89
0.99	.	.	.	1565	.	.	.	.	.	.	1565
1.49	.	.	.	247	370	.	.	.	.	.	617
1.99	116	.	.	.	.	.	116
2.49	6	.	.	.	.	.	6
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	89	1812	492	0	0	0	0	0	2393

AVERAGE HS (FT) = 0.94 LARGEST HS (FT) = 2.04 ANGLE CLASS % = 2.4

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	315	.	.	.	.	.	.	.	315
0.99	.	.	.	3021	.	.	.	.	.	.	3021
1.49	.	.	.	920	618	.	.	.	.	.	1538
1.99	484	.	.	.	.	.	484
2.49	13	.	.	.	.	.	13
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	315	3941	1125	0	0	0	0	0	5381

AVERAGE HS (FT) = 0.96 LARGEST HS (FT) = 2.11 ANGLE CLASS % = 5.4

STATION 21 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	274	.	.	.	.	.	.	.	274
0.99	.	.	.	2575	.	.	.	.	.	.	2575
1.49	.	.	.	1236	653	.	.	.	.	.	1889
1.99	487	.	.	.	.	.	487
2.49	20	.	.	.	.	.	20
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	274	3811	1159	0	0	0	0	0	5344

AVERAGE HS (FT) = 0.98 LARGEST HS (FT) = 2.02 ANGLE CLASS % = 5.2

STATION 21 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1206	1863	69	.	.	.	.	.	.	3138
0.50-0.99	.	.	1188	2793	.	.	.	.	.	.	5681
1.00-1.49	.	.	.	840	1243	.	.	.	.	.	2083
1.50-1.99	540	.	.	.	.	.	540
2.00-2.49	24	20	.	.	.	.	44
2.50-2.99	1	.	.	.	.	1
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	1206	3051	3702	1807	21	0	0	0	0	14560

AVE HS (FT) = 0.74 LARGEST HS (FT) = 2.70 TOTAL CASES = 14560.

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			275								275
0.50-0.99				4233							4233
1.00-1.49				2691	1779						4470
1.50-1.99					1541						1541
2.00-2.49					87						87
2.50-2.99						3					3
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	275	6924	3407	3	0	0	0	0	0

AVERAGE HS (FT) = 1.10 LARGEST HS (FT) = 2.70 ANGLE CLASS % = 10.6

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			3	107							110
0.50-0.99				2114							2114
1.00-1.49				771	2002						2773
1.50-1.99					925						925
2.00-2.49					54	11					65
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	3	2992	2961	11	0	0	0	0	0

AVERAGE HS (FT) = 1.11 LARGEST HS (FT) = 2.30 ANGLE CLASS % = 6.0

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			17	326							343
0.50-0.99				3077							3077
1.00-1.49					3530						3530
1.50-1.99					992						992
2.00-2.49						92					92
2.50-2.99						1					1
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	17	4203	4522	93	0	0	0	0	0

AVERAGE HS (FT) = 1.09 LARGEST HS (FT) = 2.55 ANGLE CLASS % = 8.8

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			2748								2748
0.50-0.99			2157	860							3017
1.00-1.49				138							138
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	4905	998	9	0	0	0	0	0	0

AVERAGE HS (FT) = 0.52 LARGEST HS (FT) = 2.03 ANGLE CLASS % = 5.9

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	2611	3377	436	.	.	.	.	.	.	5988
0.50-0.99	.	.	3040	392	.	.	.	.	.	.	3425
1.00-1.49	.	.	.	3	1	.	.	.	.	.	4
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	2611	6417	837	4	0	0	0	0	0	0

AVERAGE HS (FT) = 0.47 LARGEST HS (FT) = 2.08 ANGLE CLASS % = 9.9

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	2200	924	.	.	.	.	.	.	2200
0.50-0.99	.	.	918	549	.	.	.	.	.	.	1644
1.00-1.49	.	.	.	10	15	.	.	.	.	.	25
1.50-1.99	3	.	.	.	.	.	3
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	3118	1483	18	0	0	0	0	0	0

AVERAGE HS (FT) = 0.62 LARGEST HS (FT) = 2.23 ANGLE CLASS % = 4.6

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	809	2489	.	.	.	.	.	.	809
0.50-0.99	.	.	.	338	925	.	.	.	.	.	1262
1.00-1.49	278	.	.	.	.	.	278
1.50-1.99	6	10	.	.	.	.	16
2.00-2.49	3	.	.	.	.	3
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	809	2827	1211	13	0	0	0	0	0

AVERAGE HS (FT) = 0.81 LARGEST HS (FT) = 2.99 ANGLE CLASS % = 4.9

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	3	104	.	.	.	.	.	.	107
0.50-0.99	.	.	.	1567	.	.	.	.	.	.	1567
1.00-1.49	.	.	.	331	879	.	.	.	.	.	1210
1.50-1.99	316	.	.	.	.	.	316
2.00-2.49	23	3	.	.	.	.	26
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	3	2052	1220	3	0	0	0	0	0

AVERAGE HS (FT) = 1.02 LARGEST HS (FT) = 2.41 ANGLE CLASS % = 3.3

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			261								261
0.99				2997							2997
1.49				932							932
1.99					592						592
2.49					296						296
2.99					35						35
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER	0	0	261	3929	923	0	0	0	0	0	0
TOTAL	0	0	261	3929	923	0	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 2.37 ANGLE CLASS % = 5.1

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			123								123
0.99				1813							1813
1.49				335							335
1.99					645						645
2.49					32						32
2.99						8					8
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER	0	0	123	2148	933	8	0	0	0	0	0
TOTAL	0	0	123	2148	933	8	0	0	0	0	0

AVERAGE HS(FT) = 1.01 LARGEST HS(FT) = 2.47 ANGLE CLASS % = 3.2

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			251								251
0.99				2830							2830
1.49				994							994
1.99					793						793
2.49					756						756
2.99					63						63
3.49						15					15
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER	0	0	251	3824	1612	6	0	0	0	0	0
TOTAL	0	0	251	3824	1612	6	0	0	0	0	0

AVERAGE HS(FT) = 1.04 LARGEST HS(FT) = 2.67 ANGLE CLASS % = 5.7

STATION 21 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			159								159
0.99				2193							2193
1.49				1072							1072
1.99					744						744
2.49					699						699
2.99					27						27
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER	0	0	159	3265	1470	0	0	0	0	0	0
TOTAL	0	0	159	3265	1470	0	0	0	0	0	0

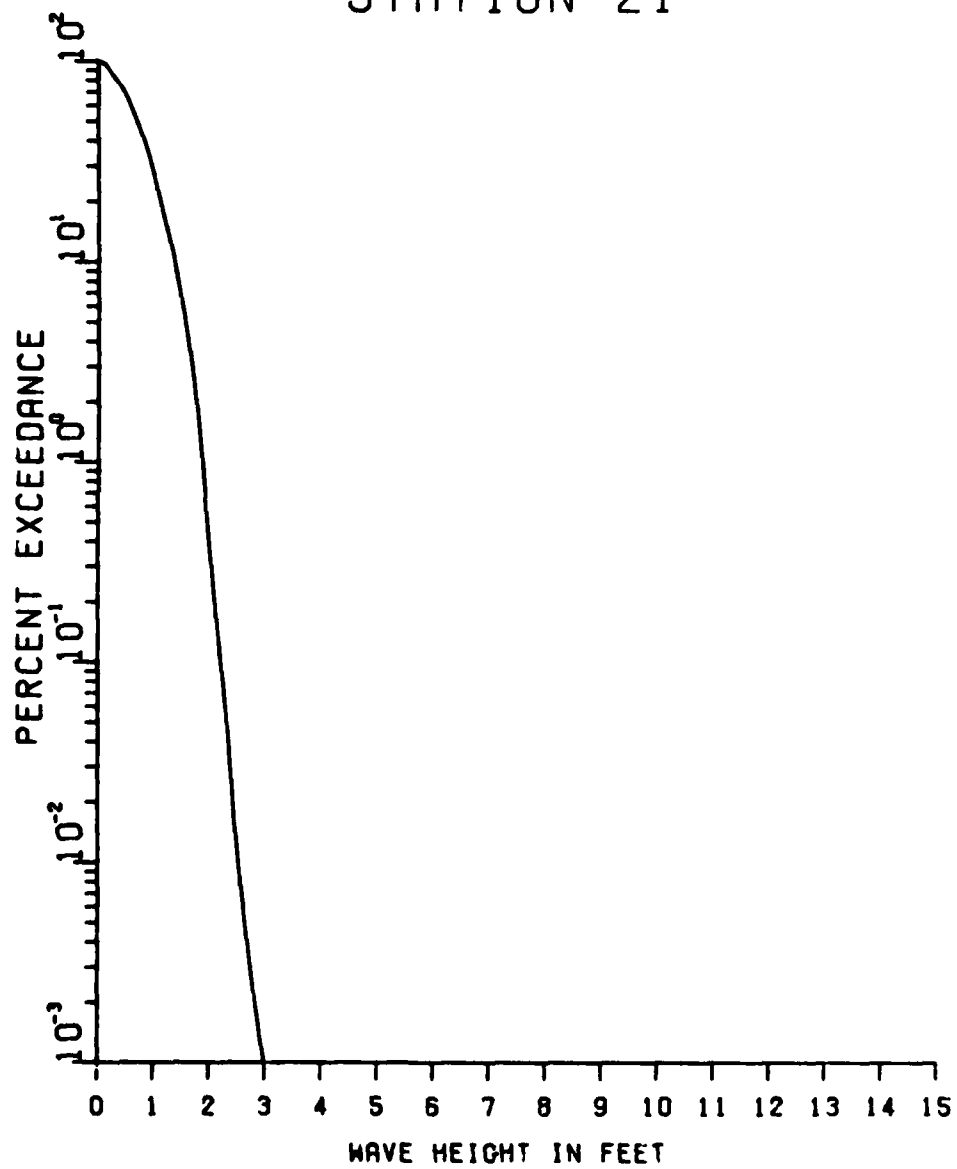
AVERAGE HS(FT) = 1.05 LARGEST HS(FT) = 2.25 ANGLE CLASS % = 4.9

STATION 21 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 12.50 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

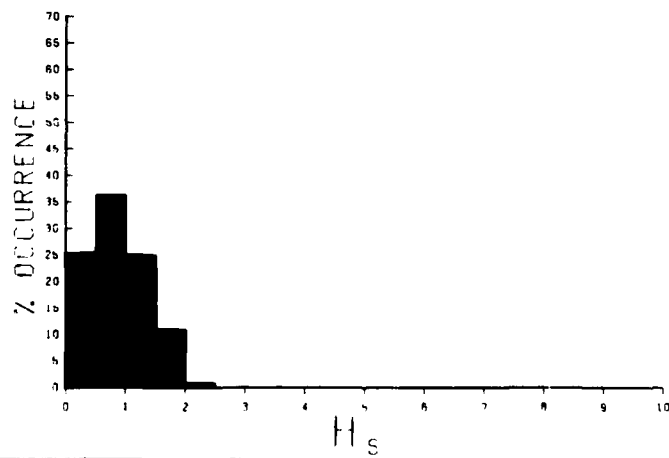
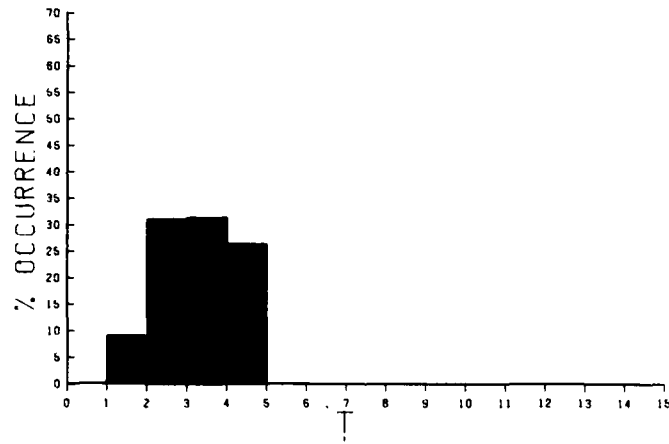
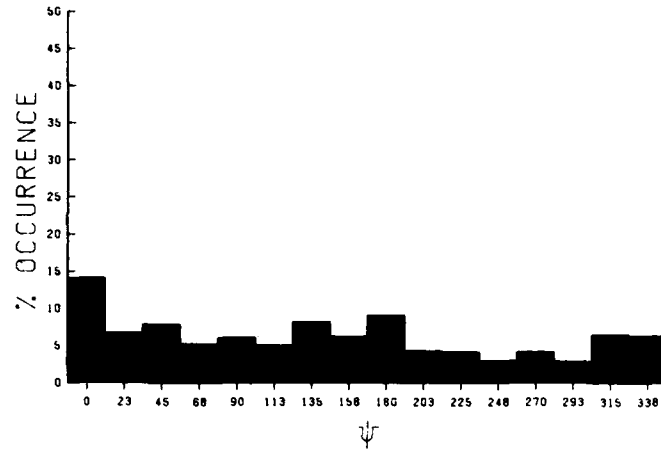
HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	1115	1844	53	.	.	.	.	.	.	3012
0.5-0.99	.	.	1374	2660	1189	.	.	.	.	.	4024
1.0-1.49	.	.	.	881	609	.	.	.	.	.	2070
1.5-1.99	.	.	.	1	31	.	.	.	.	.	610
2.0-2.49	12	.	.	.	.	43
2.5-2.99	1	.	.	.	.	8
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	1115	3218	3595	1829	13	0	0	0	0	58440

AVE HS (FT) = 0.75 LARGEST HS (FT) = 2.99 TOTAL CASES = 58440

STATION 21



STATION 21
 DEC. - FEB.
 14440 CASES

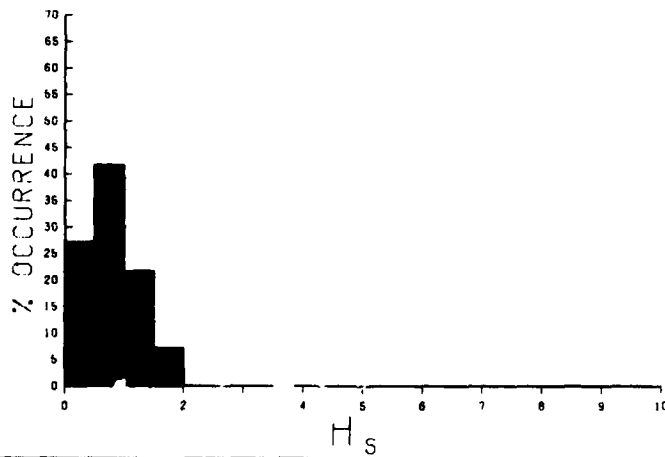
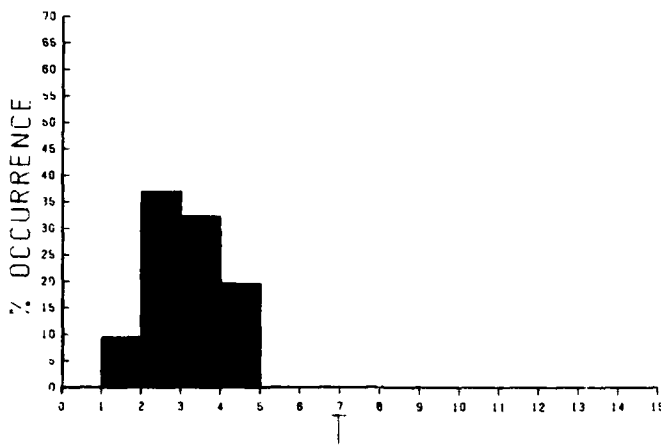
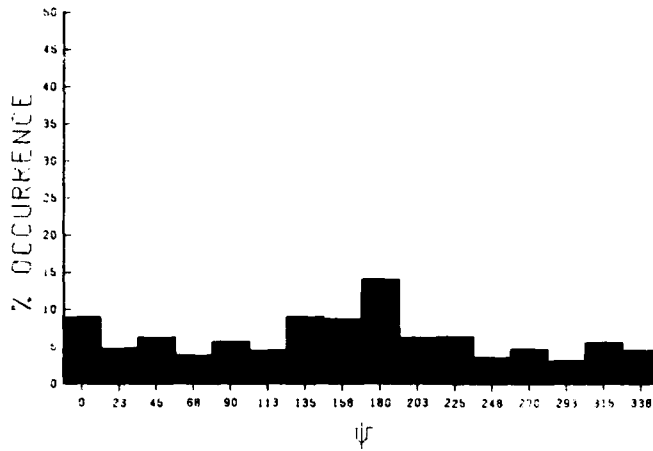


E301

STATION 21

MAR. - MAY

14720 CASES

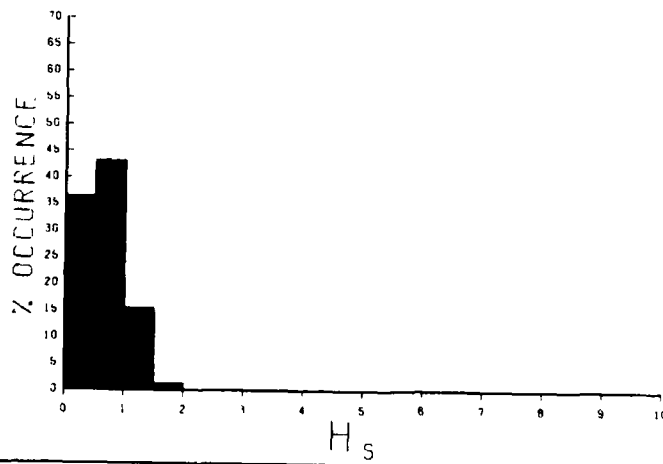
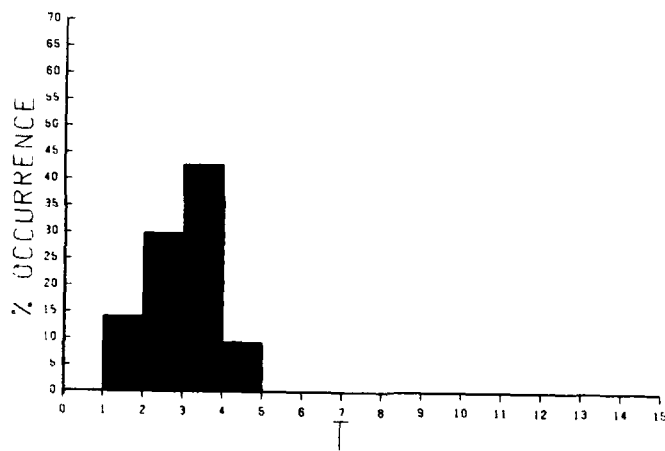
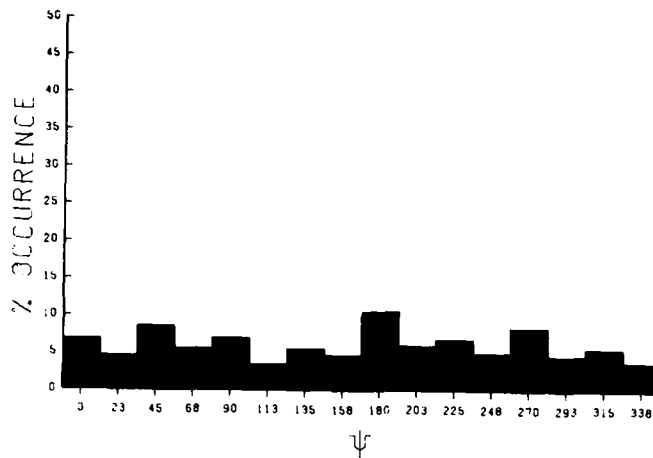


E302

STATION 21

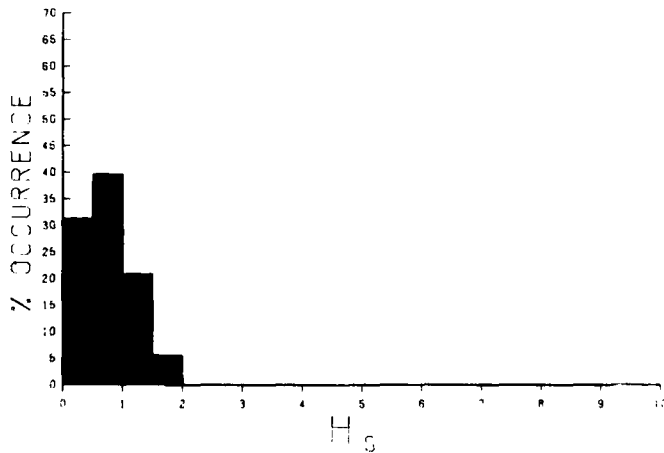
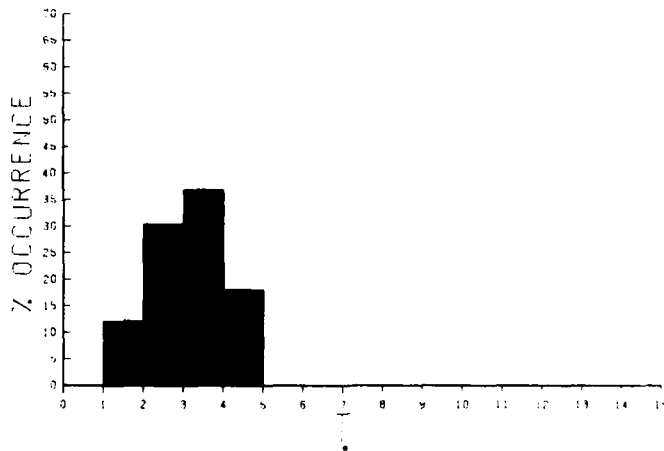
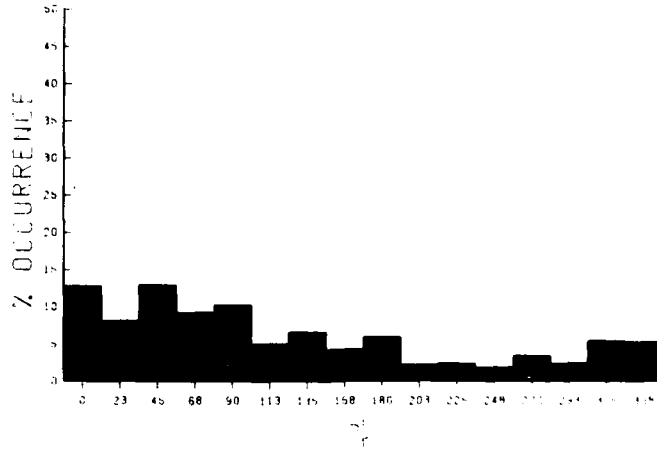
JUN. - AUG.

14720 CASES

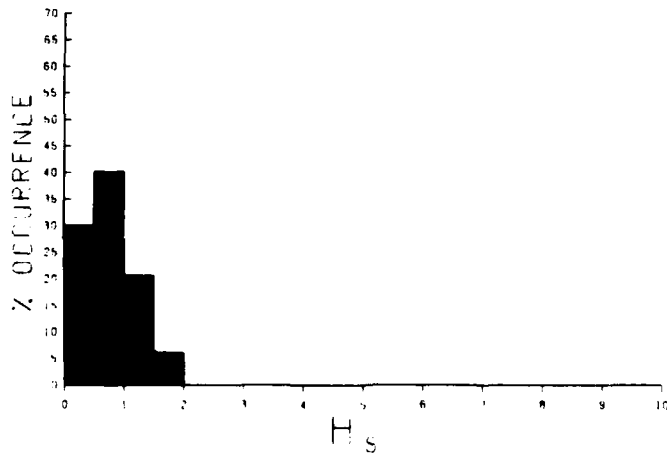
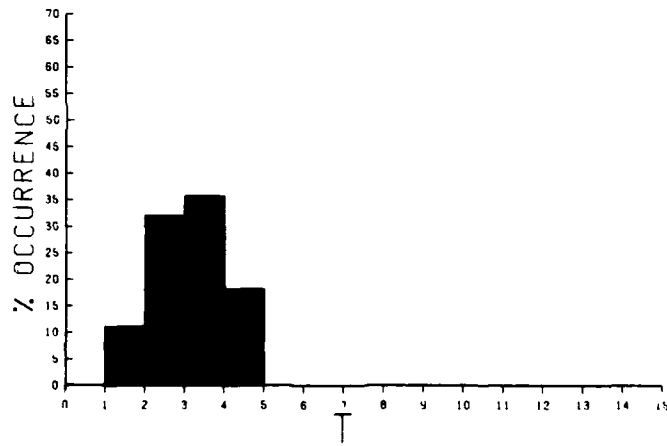
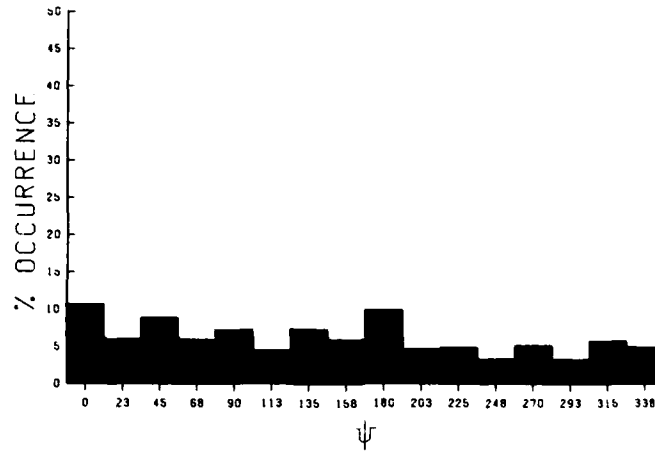


E303

STATION 11
 1971-1972
 14-10-1972



STATION 21
 JAN. - DEC.
 58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 21

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.9	0.7	0.7	0.7	0.5	0.6	0.6	0.5	0.6	0.6	0.7	0.6	0.6
1957	0.7	0.7	0.7	0.6	0.6	0.5	0.6	0.7	0.6	0.9	0.8	0.7	0.7
1958	0.9	1.0	0.9	0.9	0.8	0.7	0.6	0.6	0.7	1.0	0.9	1.1	0.8
1959	1.0	1.0	1.0	0.8	0.7	0.7	0.6	0.7	0.8	0.9	1.0	0.9	0.9
1960	1.0	1.1	1.1	0.8	0.8	0.7	0.8	0.5	0.9	0.7	0.9	0.9	0.9
1961	1.0	0.9	0.9	1.0	0.8	0.7	0.6	0.7	0.8	0.9	1.0	0.9	0.9
1962	1.0	0.9	1.1	0.8	0.8	0.6	0.7	0.5	0.5	0.5	0.8	0.9	0.8
1963	0.8	0.9	0.7	0.7	0.8	0.7	0.6	0.6	0.8	0.7	0.9	1.1	0.8
1964	0.9	1.0	1.0	0.9	0.7	0.7	0.7	0.7	0.7	1.0	0.8	1.0	0.8
1965	0.9	1.1	1.1	0.9	0.7	0.7	0.6	0.6	0.7	0.8	0.7	0.8	0.8
1966	1.0	0.9	0.9	1.0	0.9	0.7	0.6	0.5	0.6	0.7	0.7	0.8	0.8
1967	0.8	0.9	0.8	0.7	0.8	0.7	0.7	0.6	0.6	0.6	0.8	0.8	0.7
1968	0.7	1.0	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.7	0.8	0.8	0.7
1969	0.8	0.9	0.9	0.7	0.7	0.7	0.6	0.7	0.7	0.8	0.8	0.9	0.8
1970	0.9	0.8	0.8	0.7	0.6	0.6	0.6	0.5	0.6	0.8	0.8	0.8	0.7
1971	0.6	0.9	1.0	0.8	0.8	0.7	0.7	0.8	0.6	0.7	0.8	0.7	0.8
1972	0.8	0.7	0.7	0.7	0.8	0.8	0.7	0.7	0.5	0.7	0.9	0.8	0.7
1973	0.9	0.9	0.7	0.8	0.8	0.6	0.6	0.6	0.6	0.7	0.6	0.8	0.7
1974	0.6	0.8	0.8	0.8	0.6	0.7	0.6	0.5	0.7	0.7	0.7	0.7	0.7
1975	0.7	0.7	0.9	0.7	0.5	0.6	0.6	0.4	0.7	0.7	0.6	0.7	0.6
MEAN	0.9	0.9	0.9	0.8	0.7	0.7	0.6	0.6	0.7	0.8	0.8	0.8	

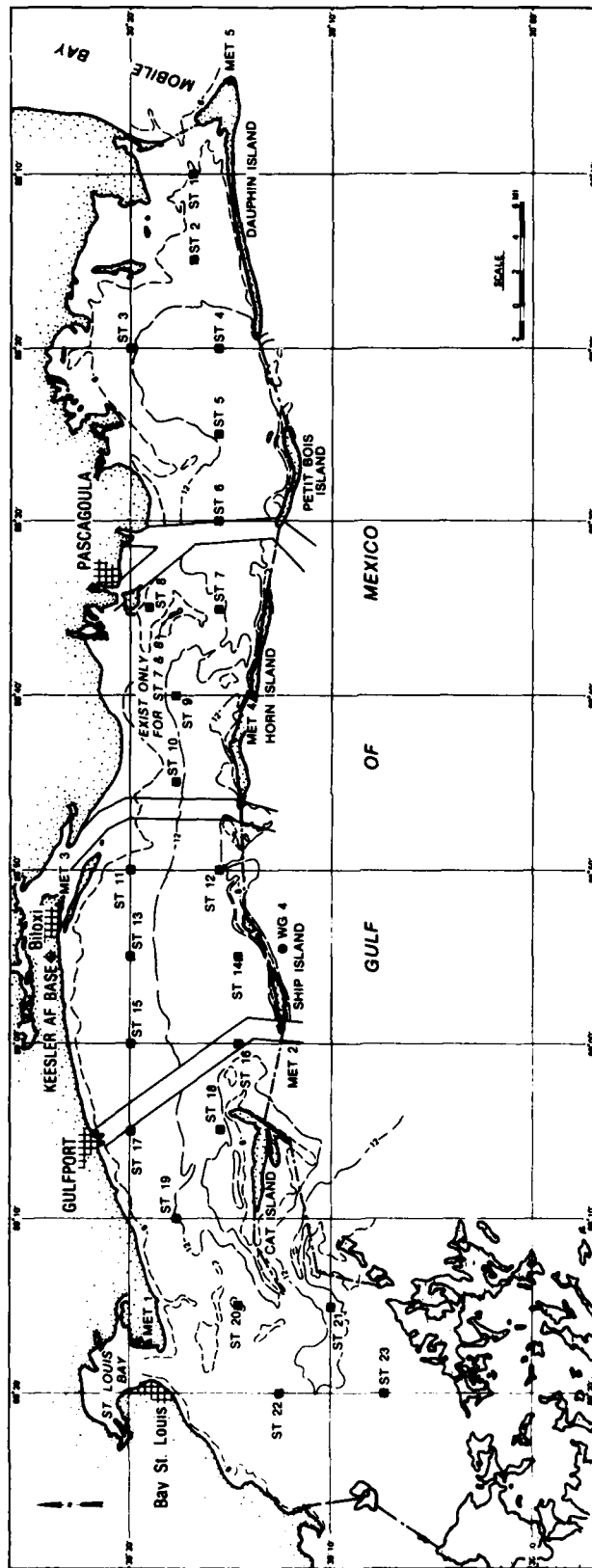
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 21

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.7	1.8	1.8	1.8	1.7	1.4	1.7	1.2	2.4	1.7	1.7	1.6
1957	1.7	1.7	1.8	1.8	1.8	1.6	1.5	1.7	1.7	1.7	2.1	2.1
1958	2.4	2.0	1.7	2.0	1.9	1.8	1.6	1.8	1.9	2.4	2.3	2.2
1959	2.2	2.1	2.2	2.0	1.9	1.8	1.6	1.7	2.4	2.2	2.5	2.6
1960	2.3	3.0	2.3	2.2	2.1	1.9	2.0	1.6	2.1	1.9	2.0	2.3
1961	2.3	2.4	2.2	2.4	2.0	1.7	1.6	1.8	2.0	2.4	2.0	2.0
1962	2.3	2.0	2.5	1.8	1.7	1.7	1.4	1.6	1.7	1.9	1.9	1.8
1963	1.9	2.1	2.1	1.8	1.7	1.6	1.5	1.4	1.8	2.1	2.2	2.2
1964	2.4	2.4	2.3	2.0	1.9	2.0	1.7	1.5	1.8	2.7	2.0	2.3
1965	2.2	2.2	2.0	2.0	1.7	1.6	1.6	1.8	1.6	2.0	1.9	2.0
1966	2.0	1.9	2.0	2.2	2.0	1.8	1.6	1.5	1.6	1.7	2.0	1.8
1967	2.0	2.1	2.0	1.8	2.0	1.6	1.9	1.7	1.8	1.6	1.9	2.2
1968	1.9	1.9	1.9	1.8	2.1	1.6	1.6	1.8	1.4	1.7	2.0	1.9
1969	2.0	2.0	2.0	1.9	1.8	1.8	1.6	2.5	1.7	1.8	2.0	1.8
1970	1.8	2.0	1.8	1.8	1.8	1.7	1.8	1.7	1.9	1.8	1.8	1.8
1971	1.7	2.1	2.0	2.0	2.0	1.7	1.6	1.7	1.8	1.6	1.9	1.9
1972	2.0	2.4	1.9	1.6	1.8	1.8	1.7	1.5	1.6	1.7	1.8	2.0
1973	1.8	1.8	2.0	1.8	2.0	1.4	1.4	1.6	1.7	1.7	1.8	1.9
1974	1.8	2.0	2.4	1.8	1.7	1.8	1.6	1.4	2.2	1.8	1.8	1.8
1975	1.9	1.8	1.8	1.8	1.6	1.5	1.6	1.4	2.1	1.6	1.8	1.9

LARGEST HS(FEET) FOR STATION 21 = 3.0



STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49			2493								2493
0.50-0.99			2319	4702							7021
1.00-1.49				3760							3760
1.50-1.99					567						567
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	4812	8462	567	0	0	0	0	0	0
TOTAL	0	0	4812	8462	567	0	0	0	0	0	0

AVERAGE HS(FT) = 0.82 LARGEST HS(FT) = 1.94 ANGLE CLASS % = 13.8

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49			1177								1177
0.50-0.99			734	2576							3310
1.00-1.49				1426	207						1633
1.50-1.99					110						110
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	1911	4002	317	0	0	0	0	0	0
TOTAL	0	0	1911	4002	317	0	0	0	0	0	0

AVERAGE HS(FT) = 0.79 LARGEST HS(FT) = 1.80 ANGLE CLASS % = 6.2

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49					83						83
0.50-0.99				2907							2907
1.00-1.49				851	2929						3780
1.50-1.99					921						921
2.00-2.49					6	20					26
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	0	3891	3856	20	0	0	0	0	0
TOTAL	0	0	0	3891	3856	20	0	0	0	0	0

AVERAGE HS(FT) = 1.09 LARGEST HS(FT) = 2.26 ANGLE CLASS % = 7.8

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49			6	159							165
0.50-0.99					505	657					1162
1.00-1.49					62	734					796
1.50-1.99					210		367				577
2.00-2.49					484		20	20			524
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	6	159	3357	1391	387	20	0	0	0
TOTAL	0	0	6	159	3357	1391	387	20	0	0	0

AVERAGE HS(FT) = 1.78 LARGEST HS(FT) = 2.90 ANGLE CLASS % = 5.3

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	6	235	463	.	.	.	.	.	241
0.5-0.99	1447	.	.	.	.	.	1446
1.0-1.49	1537	1918	.	.	.	.	3455
1.5-1.99	246	339	.	.	.	585
2.0-2.49	20	.	.	.	20
2.5-2.99	6	.	.	.	6
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	6	235	3447	2167	365	0	0	0	6000

AVERAGE HS(FT) = 1.56 LARGEST HS(FT) = 3.07 ANGLE CLASS % = 6.2

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	450	.	.	.	.	.	.	.	450
0.5-0.99	.	.	540	2206	.	.	.	.	.	.	2746
1.0-1.49	.	.	.	1135	131	.	.	.	.	.	1266
1.5-1.99	124	.	.	.	.	.	124
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	990	3337	255	0	0	0	0	0	4500

AVERAGE HS(FT) = 0.83 LARGEST HS(FT) = 1.87 ANGLE CLASS % = 4.6

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	914	.	.	.	.	.	.	.	914
0.5-0.99	.	.	865	3310	.	.	.	.	.	.	4175
1.0-1.49	.	.	.	976	1004	.	.	.	.	.	1980
1.5-1.99	415	.	.	.	.	.	415
2.0-2.49	27	.	.	.	.	.	27
2.5-2.99	6	.	.	.	.	6
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	1779	4286	1446	6	0	0	0	0	7417

AVERAGE HS(FT) = 0.89 LARGEST HS(FT) = 2.54 ANGLE CLASS % = 7.5

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	768	.	.	.	.	.	.	.	768
0.5-0.99	.	.	817	2368	.	.	.	.	.	.	3185
1.0-1.49	.	.	.	1087	311	.	.	.	.	.	1498
1.5-1.99	252	.	.	.	.	.	252
2.0-2.49	13	.	.	.	.	.	13
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	1585	3455	580	0	0	0	0	0	5620

AVERAGE HS(FT) = 0.82 LARGEST HS(FT) = 2.13 ANGLE CLASS % = 5.6

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	1170	.	.	.	.	.	.	1170
0.50-0.99	.	.	.	4238	.	.	.	.	.	4238
1.00-1.49	.	.	.	1618	727	.	.	.	.	1745
1.50-1.99	900	.	.	.	.	900
2.00-2.49	90	6	.	.	.	66
2.50-2.99	6	.	.	.	6
3.00-3.49	13	.	.	.	13
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	0	1170	5256	1717	25	0	0	0	0

AVERAGE HS (FT) = 0.91 LARGEST HS (FT) = 3.11 ANGLE CLASS % = 8.2

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	48	290	.	.	.	.	.	338
0.50-0.99	.	.	.	1814	.	.	.	.	.	1814
1.00-1.49	.	.	.	581	671	.	.	.	.	1252
1.50-1.99	477	.	.	.	.	477
2.00-2.49	62	.	.	.	.	62
2.50-2.99	13	.	.	.	13
3.00-3.49	6	.	.	.	6
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	0	48	2685	1210	19	0	0	0	0

AVERAGE HS (FT) = 0.99 LARGEST HS (FT) = 3.10 ANGLE CLASS % = 4.0

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	429	1980	.	.	.	.	.	429
0.50-0.99	.	.	.	630	630	.	.	.	.	1260
1.00-1.49	346	.	.	.	.	346
1.50-1.99	13	13	.	.	.	26
2.00-2.49	6	.	.	.	6
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	0	429	2610	989	19	0	0	0	0

AVERAGE HS (FT) = 0.90 LARGEST HS (FT) = 2.93 ANGLE CLASS % = 4.1

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	692	720	.	.	.	.	.	692
0.50-0.99	.	.	588	415	.	.	.	.	.	1308
1.00-1.49	20	.	.	.	.	20
1.50-1.99	0
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-GREATER	0
TOTAL	0	0	1280	1135	26	0	0	0	0	0

AVERAGE HS (FT) = 0.71 LARGEST HS (FT) = 1.88 ANGLE CLASS % = 2.4

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1454								1454
0.50-0.99			803	1059							1862
1.00-1.49				505							505
1.50-1.99					76						76
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	2257	1564	76	0	0	0	0	0	3900

AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 1.86 ANGLE CLASS % = 3.9

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			886								886
0.50-0.99			754	609							1363
1.00-1.49				367							367
1.50-1.99					48						48
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	1640	976	48	0	0	0	0	0	2664

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.80 ANGLE CLASS % = 2.7

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			2292								2292
0.50-0.99			2015	768							2783
1.00-1.49				1018							1018
1.50-1.99				55	62						117
2.00-2.49					13						13
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	4307	1841	75	0	0	0	0	0	6223

AVERAGE HS(FT) = 0.69 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 6.2

STATION 22 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1800								1800
0.50-0.99			1066	1675							2741
1.00-1.49				1461							1461
1.50-1.99					103						103
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	2866	3136	103	0	0	0	0	0	6105

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 1.89 ANGLE CLASS % = 6.1

STATION 22 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	1459	76	92	65	.	.	.	.	1535
0.5-0.99	.	.	1050	308	800	265	.	.	.	.	2209
1.0-1.49	.	.	.	152	290	224	70	.	.	.	2000
1.5-1.99	.	.	.	3	48	2	4	.	.	.	57
2.0-2.49	0
2.5-2.99	0
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
5.0-5.49	0
5.5-5.99	0
6.0-6.49	0
6.5-6.99	0
7.0-7.49	0
7.5-7.99	0
8.0-8.49	0
8.5-8.99	0
9.0-9.49	0
9.5-9.99	0
GREATER	0
TOTAL	0	0	2509	4702	1806	364	74	2	0	0	14440

AVE HS (FT) = 0.89 LARGEST HS (FT) = 3.11 TOTAL CASES = 14440.

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2262								2262
0.99			1752	3043							4795
1.49				1610							1610
1.99					88						88
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	4014	4653	88	0	0	0	0	0	0

AVERAGE HS(FT) = 0.72 LARGEST HS(FT) = 1.79 ANGLE CLASS % = 8.8

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1100								1100
0.99			679	1677							2356
1.49				794	108						902
1.99					27						27
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1779	2471	135	0	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.58 ANGLE CLASS % = 4.4

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			20	183							203
0.99				2533							2533
1.49				774	2004						2778
1.99					631						631
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	20	3490	2641	6	0	0	0	0	0

AVERAGE HS(FT) = 1.03 LARGEST HS(FT) = 2.13 ANGLE CLASS % = 6.2

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49				101							101
0.99					360	550					910
1.49					61	502					563
1.99					1616		244				1860
2.49					394		6				400
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	0	101	2431	1052	250	0	0	0	0

AVERAGE HS(FT) = 1.77 LARGEST HS(FT) = 2.56 ANGLE CLASS % = 3.8

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	.	176	.	.	.	.	.	.	176
0.99	366	.	.	.	.	.	366
1.49	1447	.	.	.	.	.	1447
1.99	1399	1854	.	.	.	.	3253
2.49	176	271	.	.	.	447
2.99	33	.	.	.	33
3.49	6	.	.	.	6
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	0	176	3212	2030	310	0	0	0	0

AVERAGE HS (FT) = 1.58 LARGEST HS (FT) = 3.13 ANGLE CLASS % = 5.7

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	461	.	.	.	.	.	.	.	461
0.99	.	.	536	1739	.	.	.	.	.	.	2275
1.49	.	.	.	1046	108	.	.	.	.	.	1154
1.99	217	.	.	.	.	.	217
2.49	20	.	.	.	.	.	20
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	997	2785	345	0	0	0	0	0	0

AVERAGE HS (FT) = 0.86 LARGEST HS (FT) = 2.24 ANGLE CLASS % = 4.1

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	930	.	.	.	.	.	.	.	930
0.99	.	.	781	3709	.	.	.	.	.	.	4490
1.49	.	.	.	1399	1059	.	.	.	.	.	2458
1.99	502	.	.	.	.	.	502
2.49	61	.	.	.	.	.	61
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	1711	5108	1622	0	0	0	0	0	0

AVERAGE HS (FT) = 0.91 LARGEST HS (FT) = 2.44 ANGLE CLASS % = 8.4

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	808	.	.	.	.	.	.	.	808
0.99	.	.	849	3274	.	.	.	.	.	.	4123
1.49	.	.	.	2221	414	.	.	.	.	.	2635
1.99	339	.	.	.	.	.	339
2.49	27	.	.	.	.	.	27
2.99
3.49
3.99
4.49
4.99
5.49
5.99
6.49
6.99
7.49
7.99
8.49
8.99
9.49
9.99
GREATER
TOTAL	0	0	1657	5495	780	0	0	0	0	0	0

AVERAGE HS (FT) = 0.87 LARGEST HS (FT) = 2.04 ANGLE CLASS % = 7.9

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	1677	.	.	.	.	.	.	.	1677
0.99	.	.	.	6032	.	.	.	.	.	.	6032
1.49	.	.	.	1929	1548	.	.	.	.	.	3477
1.99	1637	.	.	.	.	.	1637
2.49	63	.	.	.	.	.	63
2.99	13	.	.	.	.	13
3.49	6	.	.	.	6
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	1677	7961	3273	13	6	0	0	0	0
TOTAL	0	0	1677	7961	3273	13	6	0	0	0	0

AVERAGE HS(FT) = 0.97 LARGEST HS(FT) = 3.44 ANGLE CLASS % = 12.9

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	47	441	.	.	.	.	.	.	488
0.99	.	.	.	2520	.	.	.	.	.	.	2520
1.49	.	.	.	815	1086	.	.	.	.	.	1901
1.99	828	.	.	.	.	.	828
2.49	61	.	.	.	.	.	61
2.99	13	.	.	.	.	13
3.49	13	.	.	.	.	13
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	47	3776	1975	26	0	0	0	0	0
TOTAL	0	0	47	3776	1975	26	0	0	0	0	0

AVERAGE HS(FT) = 1.01 LARGEST HS(FT) = 2.53 ANGLE CLASS % = 5.8

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	760	.	.	.	.	.	.	.	760
0.99	.	.	.	2676	.	.	.	.	.	.	2676
1.49	.	.	.	1005	1100	.	.	.	.	.	2105
1.99	652	.	.	.	.	.	652
2.49	33	.	.	.	.	.	33
2.99	6	.	.	.	.	6
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	760	3681	1785	6	0	0	0	0	0
TOTAL	0	0	760	3681	1785	6	0	0	0	0	0

AVERAGE HS(FT) = 0.91 LARGEST HS(FT) = 2.38 ANGLE CLASS % = 6.2

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49	.	.	855	.	.	.	.	.	.	.	855
0.99	.	.	855	903	.	.	.	.	.	.	1758
1.49	.	.	.	380	27	.	.	.	.	.	407
1.99	47	.	.	.	.	.	47
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	1710	1283	74	0	0	0	0	0	0
TOTAL	0	0	1710	1283	74	0	0	0	0	0	0

AVERAGE HS(FT) = 0.70 LARGEST HS(FT) = 1.80 ANGLE CLASS % = 3.1

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1786	.	.	.	.	.	.	.	1786
0.99	.	.	1059	1066	.	.	.	.	.	.	2125
1.49	.	.	.	489	.	.	.	.	.	.	489
1.99	61	.	.	.	.	.	61
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	2845	1555	61	0	0	0	0	0	4461

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 1.72 ANGLE CLASS % = 4.5

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1182	.	.	.	.	.	.	.	1182
0.99	.	.	835	692	.	.	.	.	.	.	1527
1.49	.	.	.	278	.	.	.	.	.	.	278
1.99	33	.	.	.	.	.	33
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	2017	970	33	0	0	0	0	0	3020

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.87 ANGLE CLASS % = 3.0

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2160	.	.	.	.	.	.	.	2160
0.99	.	.	1691	625	.	.	.	.	.	.	2316
1.49	.	.	.	823	.	.	.	.	.	.	823
1.99	.	.	.	13	33	.	.	.	.	.	46
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	3851	1521	33	0	0	0	0	0	5405

AVERAGE HS(FT) = 0.65 LARGEST HS(FT) = 1.74 ANGLE CLASS % = 5.4

STATION 22 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1514	.	.	.	.	.	.	.	1514
0.99	.	.	842	1175	.	.	.	.	.	.	2017
1.49	.	.	.	788	.	.	.	.	.	.	788
1.99	54	.	.	.	.	.	54
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	2356	1963	54	0	0	0	0	0	4373

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 1.77 ANGLE CLASS % = 4.4

STATION 22 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1557	90	.	.	.	.	.	.	1647
0.99	.	.	988	3167	72	55	.	.	.	.	4282
1.49	.	.	.	1441	890	.	.	.	.	.	2331
1.99	.	.	.	1	661	235	.	.	.	.	897
2.49	191	20	51	.	.	.	262
2.99	39	2	4	.	.	.	45
3.49	1	.	.	.	1
3.99	0
4.49	0
4.99	0
5.00 - GREATER	0
TOTAL	0	0	2545	4699	1853	312	56	0	0	0	14720

AVE HS(FT) = 0.87 LARGEST HS(FT) = 3.44 TOTAL CASES = 14720.

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			3552								3552
0.50-0.99			1671	1107							2778
1.00-1.49				115							115
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	5223	1222	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.41 ANGLE CLASS % = 6.4

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1637								1637
0.50-0.99			706	1134							1840
1.00-1.49				142							142
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	2343	1276	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.57 LARGEST HS(FT) = 1.24 ANGLE CLASS % = 3.6

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			20	400							420
0.50-0.99				4877							4877
1.00-1.49				1148	1915						3063
1.50-1.99					149						149
2.00-2.49						6					6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	20	6425	2064	6	0	0	0	0	0

AVERAGE HS(FT) = 0.89 LARGEST HS(FT) = 2.20 ANGLE CLASS % = 8.5

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			6	264							270
0.50-0.99					855	1311					2166
1.00-1.49					47	387					434
1.50-1.99					2513		122				2635
2.00-2.49					319						319
2.50-2.99								6			6
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	6	264	3734	1698	122	6	0	0	0

AVERAGE HS(FT) = 1.52 LARGEST HS(FT) = 3.28 ANGLE CLASS % = 5.8

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			6	468							474
0.50-0.99					1209						1209
1.00-1.49					1644						1644
1.50-1.99					2697	1195					3892
2.00-2.49						27					27
2.50-2.99							95				95
3.00-3.49							6				6
3.50-3.99								6			6
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	0	6	468	5550	1222	101	6	0	0	8000

AVERAGE HS(FT) = 1.39 LARGEST HS(FT) = 3.61 ANGLE CLASS % = 7.4

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			509								509
0.50-0.99			686	1324							2010
1.00-1.49				244	13						257
1.50-1.99					40						40
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	0	1195	1568	53	0	0	0	0	0	8000

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.68 ANGLE CLASS % = 2.8

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1182								1182
0.50-0.99			876	2214							3090
1.00-1.49				271	135						406
1.50-1.99					6						6
2.00-2.49						6					6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	0	2058	2485	141	6	0	0	0	0	8000

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 3.03 ANGLE CLASS % = 4.7

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			855								855
0.50-0.99			672	1773							2445
1.00-1.49				373	54						427
1.50-1.99					27						27
2.00-2.49					6						6
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-GREATER											0
TOTAL	0	0	1527	2146	87	6	0	0	0	0	8000

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 2.31 ANGLE CLASS % = 3.8

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			2139								2139
0.99				5387							5387
1.49				645							645
1.99					387						387
2.49					149						149
2.99					13						13
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	2139	6032	549	0	0	0	0	0	0

AVERAGE HS (FT) = 0.71 LARGEST HS (FT) = 2.18 ANGLE CLASS % = 8.7

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			74								74
0.99				1052							1052
1.49				3084							3084
1.99				448							448
2.49					285						285
2.99					13						13
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	74	4584	433	0	0	0	0	0	0

AVERAGE HS (FT) = 0.68 LARGEST HS (FT) = 2.16 ANGLE CLASS % = 5.1

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			1487								1487
0.99				406							406
1.49				815							815
1.99					360						360
2.49					33						33
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1487	4877	393	0	0	0	0	0	0

AVERAGE HS (FT) = 0.65 LARGEST HS (FT) = 1.62 ANGLE CLASS % = 6.8

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			1888								1888
0.99				672							672
1.49				81							81
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	2961	753	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.54 LARGEST HS (FT) = 1.32 ANGLE CLASS % = 3.7

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			4456								4456
0.99			2038	1290							3328
1.49				115							115
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	6494	1405	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.25 ANGLE CLASS % = 7.9

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2486								2486
0.99			1236	529							1765
1.49				27							27
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	3722	556	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.28 ANGLE CLASS % = 4.3

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3641								3641
0.99			1222	169							1391
1.49				54							54
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	4863	223	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.38 ANGLE CLASS % = 5.1

STATION 22 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2737								2737
0.99			489	292							781
1.49				6							6
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	3226	298	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.18 ANGLE CLASS % = 3.5

STATION 22 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	2668	218	.	.	.	.	.	.	2886
0.50-0.99	.	.	1067	2792	206	131	.	.	.	.	4186
1.00-1.49	.	.	.	449	479	158	.	.	.	.	928
1.50-1.99	504	3	21	.	.	.	486
2.00-2.49	31	.	.	.	.	.	273
2.50-2.99	31
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0	0	3735	3459	1298	292	21	0	0	0	0
TOTAL	0	0	3735	3459	1298	292	21	0	0	0	0

AVE HS (FT) = 0.65 LARGEST HS (FT) = 3.61 TOTAL CASES = 14720.

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
WATER DEPTH = 11.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											4017
0.5			4017	3447							6104
1.0			2657	1957							1357
1.5					274						274
2.0					34						34
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
9.5											
10.0											
GREATER											
TOTAL	0	0	6674	5404	308	0	0	0	0	0	0

AVERAGE HS(FT) = 0.69 LARGEST HS(FT) = 2.44 ANGLE CLASS % = 12.4

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
WATER DEPTH = 11.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											2184
0.5			2184	2637							3321
1.0			1284	954							1936
1.5					82						82
2.0					48						48
2.5											
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
9.5											
10.0											
GREATER											
TOTAL	0	0	3468	3591	130	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 1.84 ANGLE CLASS % = 7.2

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
WATER DEPTH = 11.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											404
0.5			27	377							5879
1.0				5879							5879
1.5				1868	3784						5652
2.0					947						947
2.5					13	27					40
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
9.5											
10.0											
GREATER											
TOTAL	0	0	27	8124	4744	27	0	0	0	0	0

AVERAGE HS(FT) = 1.00 LARGEST HS(FT) = 2.14 ANGLE CLASS % = 12.9

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
WATER DEPTH = 11.00 FEET
PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0											418
0.5			6	412	1346	1456					2802
1.0					82	1030					1112
1.5					3688		535				4223
2.0					1016		41	20			1077
2.5								6			
3.0											
3.5											
4.0											
4.5											
5.0											
5.5											
6.0											
6.5											
7.0											
7.5											
8.0											
8.5											
9.0											
9.5											
10.0											
GREATER											
TOTAL	0	0	6	412	6132	2486	576	26	0	0	0

AVERAGE HS(FT) = 1.66 LARGEST HS(FT) = 3.34 ANGLE CLASS % = 9.6

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	6	302	.	.	.	.	.	.	308
0.99	1085	.	.	.	.	.	1085
1.49	282	.	.	.	.	.	282
1.99	297	.	.	.	.	.	297
2.49	2781	.	.	.	.	2781
2.99	254	.	.	.	.	254
3.49	418	.	.	.	418
3.99	34	.	.	.	34
4.49	6	.	.	6
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	6	302	6675	3035	452	6	0	0	0

AVERAGE HS(FT) = 1.52 LARGEST HS(FT) = 3.21 ANGLE CLASS % = 10.5

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	748	.	.	.	.	.	.	.	748
0.99	.	.	652	2039	.	.	.	.	.	.	2691
1.49	.	.	.	817	.	.	.	.	.	.	817
1.99	48	.	.	.	.	.	48
2.49	109	.	.	.	.	.	109
2.99	6	.	.	.	.	.	6
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	1400	2856	163	0	0	0	0	0	0

AVERAGE HS(FT) = 0.75 LARGEST HS(FT) = 2.06 ANGLE CLASS % = 4.4

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1222	.	.	.	.	.	.	.	1222
0.99	.	.	892	2788	.	.	.	.	.	.	3680
1.49	.	.	.	563	357	.	.	.	.	.	920
1.99	130	.	.	.	.	.	130
2.49	13	.	.	.	.	.	13
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	2114	3351	500	0	0	0	0	0	0

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.16 ANGLE CLASS % = 6.0

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	755	.	.	.	.	.	.	.	755
0.99	.	.	576	1462	.	.	.	.	.	.	2038
1.49	.	.	.	631	151	.	.	.	.	.	782
1.99	103	.	.	.	.	.	103
2.49	6	.	.	.	.	.	6
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0	0	1331	2093	260	0	0	0	0	0	0

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.40 ANGLE CLASS % = 3.7

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			1140								1140
0.50-0.99				2479							2479
1.00-1.49				439	329						768
1.50-1.99					343						343
2.00-2.49					20						20
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	1140	2918	692	0	0	0	0	0	0

AVERAGE HS(FT) = 0.79 LARGEST HS(FT) = 2.18 ANGLE CLASS % = 4.8

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			27	418							445
0.50-0.99				1037							1037
1.00-1.49				240	144						384
1.50-1.99					89						89
2.00-2.49					13						13
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	27	1695	246	0	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 2.06 ANGLE CLASS % = 2.0

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			549								549
0.50-0.99				1353							1353
1.00-1.49				247	151						398
1.50-1.99					54						54
2.00-2.49					13						13
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	549	1600	218	0	0	0	0	0	0

AVERAGE HS(FT) = 0.68 LARGEST HS(FT) = 2.19 ANGLE CLASS % = 2.4

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.0-0.49			611								611
0.50-0.99			398	370							768
1.00-1.49				89	6						95
1.50-1.99											0
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00- GREATER											0
TOTAL	0	0	1009	459	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.60 LARGEST HS(FT) = 1.49 ANGLE CLASS % = 1.5

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1916	.	.	.	.	.	.	.	1916
0.99	.	.	659	460	.	.	.	.	.	.	1119
1.49	.	.	.	75	.	.	.	.	.	.	75
1.99	6	.	.	.	.	.	6
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	0	2575	535	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.50 ANGLE CLASS % = 3.1

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	1243	.	.	.	.	.	.	.	1243
0.99	.	.	693	267	.	.	.	.	.	.	960
1.49	.	.	.	75	.	.	.	.	.	.	75
1.99	0
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	0	1936	342	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.50 LARGEST HS(FT) = 1.44 ANGLE CLASS % = 2.3

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2973	.	.	.	.	.	.	.	2973
0.99	.	.	1359	405	.	.	.	.	.	.	1764
1.49	.	.	.	322	.	.	.	.	.	.	322
1.99	.	.	.	6	.	.	.	.	.	.	6
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	0	4332	733	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.53 ANGLE CLASS % = 5.1

STATION 22 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	2520	.	.	.	.	.	.	.	2520
0.99	.	.	968	975	.	.	.	.	.	.	1943
1.49	.	.	.	487	.	.	.	.	.	.	487
1.99	20	.	.	.	.	.	20
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
GREATER	0
TOTAL	0	0	3488	1462	20	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 1.62 ANGLE CLASS % = 5.0

STATION 22 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0 - 0.49	.	.	1995	151	243	145	.	.	.	.	2146
0.50 - 0.99	.	.	1014	2520	257	.	.	.	.	.	3922
1.00 - 1.49	.	.	.	877	517	381	.	.	.	.	1644
1.50 - 1.99	381	28	.	.	.	.	888
2.00 - 2.49	101	.	95	.	.	.	504
2.50 - 2.99	1	.	.	110
3.00 - 3.49	1000
3.50 - 3.99	000
4.00 - 4.49	000
4.50 - 4.99	000
5.00 - GREATER	000
TOTAL	0	0	3009	3588	2009	554	102	3	0	0	

AVE HS (FT) = 0.85 LARGEST HS (FT) = 3.34 TOTAL CASES = 14560.

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			3081								3081
7.5			2097	3066							5163
5.0				1851							1851
2.5					231						231
0.0					8						8
- GREATER											0
TOTAL	0	0	5178	4917	239	0	0	0	0	0	10334

AVERAGE HS (FT) = 0.71 LARGEST HS (FT) = 2.44 ANGLE CLASS % = 10.3

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			1524								1524
7.5			850	2002							2852
5.0				826	99						925
2.5					46						46
0.0											0
- GREATER											0
TOTAL	0	0	2374	2828	145	0	0	0	0	0	5347

AVERAGE HS (FT) = 0.70 LARGEST HS (FT) = 1.84 ANGLE CLASS % = 5.3

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			17	261							278
7.5				4062							4062
5.0				1160	2654						3814
2.5					66	15					81
0.0											0
- GREATER											0
TOTAL	0	0	17	5483	3320	15	0	0	0	0	8835

AVERAGE HS (FT) = 1.00 LARGEST HS (FT) = 2.26 ANGLE CLASS % = 8.8

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
10.0			5	234							239
7.5					766	994					1760
5.0					63	662					725
2.5					2529		316				2845
0.0					552		17	10			579
- GREATER											0
TOTAL	0	0	5	234	3910	1656	333	13	0	0	6551

AVERAGE HS (FT) = 1.67 LARGEST HS (FT) = 3.34 ANGLE CLASS % = 6.2

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	5	296	781	.	.	.	.	.	301
0.50-0.99	1789	.	.	.	.	.	1789
1.00-1.49	2150	1935	.	.	.	.	4085
1.50-1.99	176	.	.	.	.	176
2.00-2.49	280	.	.	.	280
2.50-2.99	233	.	.	.	233
3.00-3.49	1	.	.	1
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0	0	5	296	4720	2111	306	2	0	0	0

AVERAGE HS(FT) = 1.51 LARGEST HS(FT) = 3.61 ANGLE CLASS % = 7.4

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	542	1824	.	.	.	.	.	.	542
0.50-0.99	.	.	604	809	75	.	.	.	.	.	2488
1.00-1.49	123	.	.	.	.	.	123
1.50-1.99	6	.	.	.	.	.	6
2.00-2.49	0
2.50-2.99	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0	0	1146	2633	204	0	0	0	0	0	0

AVERAGE HS(FT) = 0.79 LARGEST HS(FT) = 2.24 ANGLE CLASS % = 4.0

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	1062	3004	.	.	.	.	.	.	1062
0.50-0.99	.	.	853	802	63	.	.	.	.	.	3857
1.00-1.49	208	.	.	.	.	.	208
1.50-1.99	1	.	.	.	.	.	1
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0	0	1915	3806	926	2	0	0	0	0	0

AVERAGE HS(FT) = 0.83 LARGEST HS(FT) = 3.03 ANGLE CLASS % = 6.7

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49	.	.	797	2221	.	.	.	.	.	.	797
0.50-0.99	.	.	728	1079	233	.	.	.	.	.	2939
1.00-1.49	181	.	.	.	.	.	181
1.50-1.99	13	.	.	.	.	.	13
2.00-2.49	0
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0	0	1525	3300	426	0	0	0	0	0	0

AVERAGE HS(FT) = 0.80 LARGEST HS(FT) = 2.40 ANGLE CLASS % = 5.3

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			1534								1534
0.99				4541							4541
1.49				1009	749						1758
1.99					753						753
2.49					53						53
2.99											
3.49											
3.99											
4.49											
4.99											
5.00 - GREATER											
TOTAL	0	0	1534	5550	1560	9	1	0	0	0	8000

AVERAGE HS (FT) = 0.87 LARGEST HS (FT) = 3.44 ANGLE CLASS % = 8.7

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			49	552							601
0.99				2118							2118
1.49				521	547						1068
1.99					333						333
2.49					37						37
2.99											
3.49											
3.99											
4.49											
4.99											
5.00 - GREATER											
TOTAL	0	0	49	3191	967	10	0	0	0	0	4600

AVERAGE HS (FT) = 0.88 LARGEST HS (FT) = 3.10 ANGLE CLASS % = 4.2

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			809								809
0.99				2523							2523
1.49				675	561						1236
1.99					272						272
2.49					15						15
2.99											
3.49											
3.99											
4.49											
4.99											
5.00 - GREATER											
TOTAL	0	0	809	3198	848	6	0	0	0	0	4600

AVERAGE HS (FT) = 0.79 LARGEST HS (FT) = 2.93 ANGLE CLASS % = 4.9

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0- LONGER
0.49			1014								1014
0.99			730	667							1397
1.49				241	10						251
1.99					17						17
2.49											
2.99											
3.49											
3.99											
4.49											
4.99											
5.00 - GREATER											
TOTAL	0	0	1744	908	27	0	0	0	0	0	2679

AVERAGE HS (FT) = 0.63 LARGEST HS (FT) = 1.88 ANGLE CLASS % = 2.7

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2409								2409
0.50-0.99			1143	970							2113
1.00-1.49				296							296
1.50-1.99					35						35
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	3552	1266	35	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.86 ANGLE CLASS % = 4.9

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1452								1452
0.50-0.99			831	525							1406
1.00-1.49				165							165
1.50-1.99					20						20
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	2333	711	20	0	0	0	0	0	0

AVERAGE HS(FT) = 0.56 LARGEST HS(FT) = 1.87 ANGLE CLASS % = 3.1

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2768								2768
0.50-0.99			1570	491							2061
1.00-1.49				568							568
1.50-1.99				18							18
2.00-2.49					23						23
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	4338	1077	26	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 5.4

STATION 22 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			2144								2144
0.50-0.99			840	1024							1864
1.00-1.49				662							662
1.50-1.99					44						44
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER											0
TOTAL	0	0	2984	1708	44	0	0	0	0	0	0

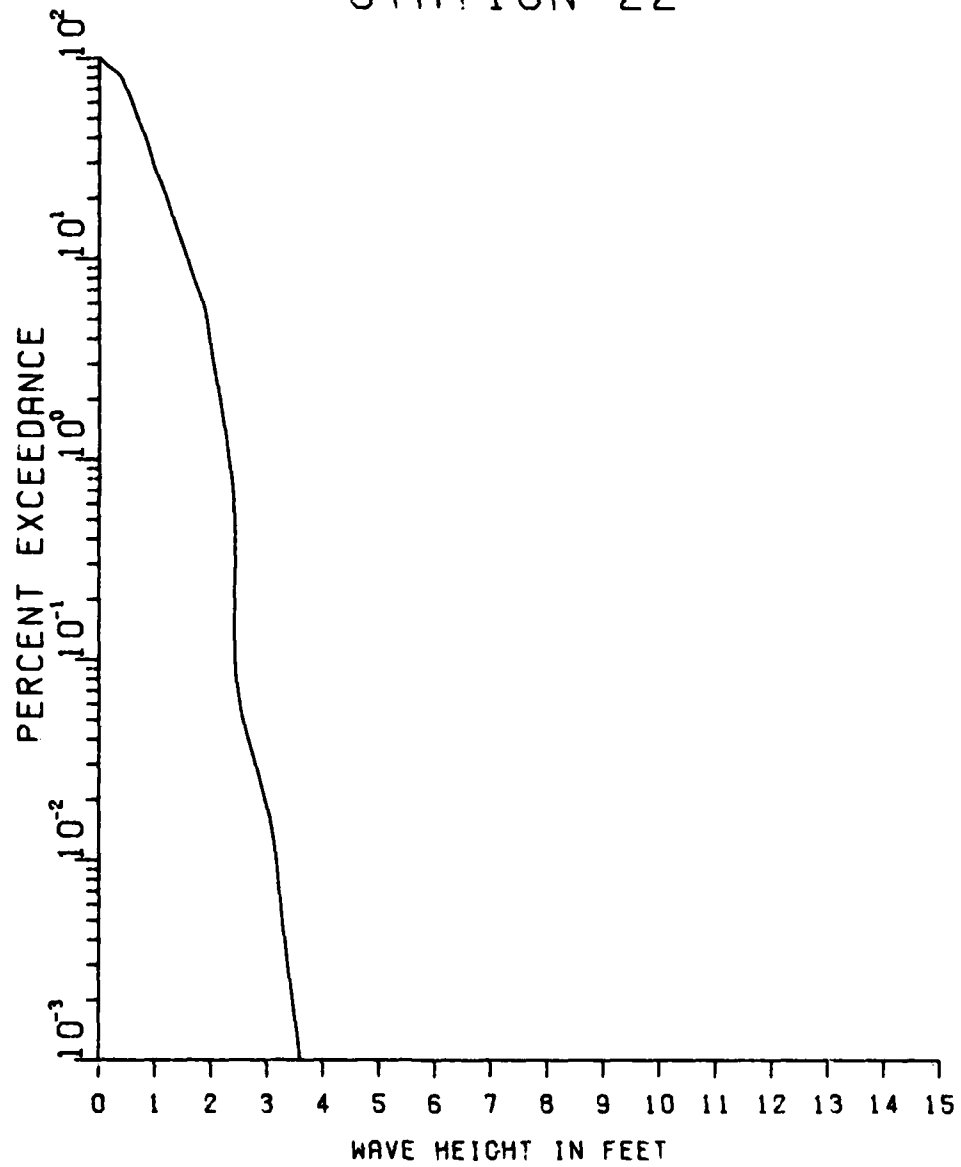
AVERAGE HS(FT) = 0.64 LARGEST HS(FT) = 1.85 ANGLE CLASS % = 4.7

STATION 22 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0-0.49	.	.	1921	134	154	99	.	.	.	.	2055
0.5-0.99	.	.	1030	2804	735	.	.	.	.	.	4187
1.0-1.49	.	.	.	1071	527	256	.	.	.	.	1806
1.5-1.99	.	.	.	1	270	20	59	.	.	.	787
2.0-2.49	55	1	4	1	.	.	349
2.5-2.99	61
3.0-3.49	0
3.5-3.99	0
4.0-4.49	0
4.5-4.99	0
GREATER	0
TOTAL	0	0	2951	4110	1741	379	63	1	0	0	58440

AVE HS (FT) = 0.82 LARGEST HS (FT) = 3.61 TOTAL CASES = 58440

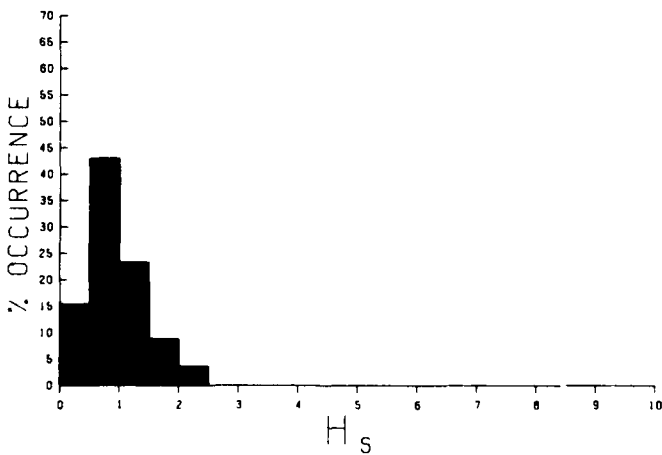
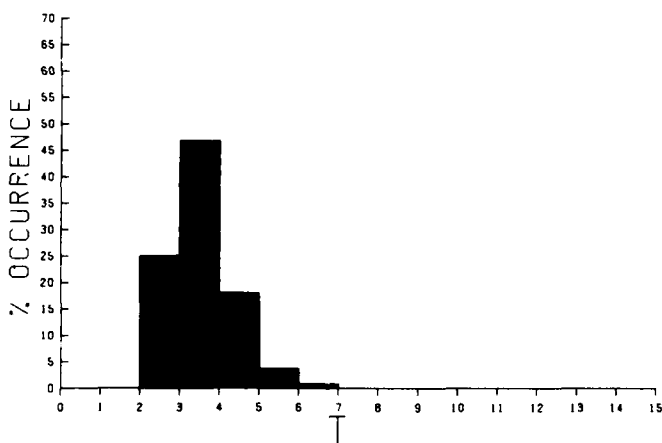
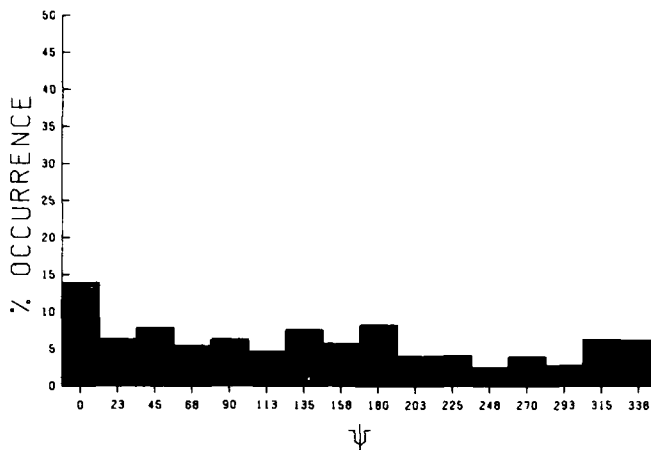
STATION 22



STATION 22

DEC. - FEB.

14440 CASES

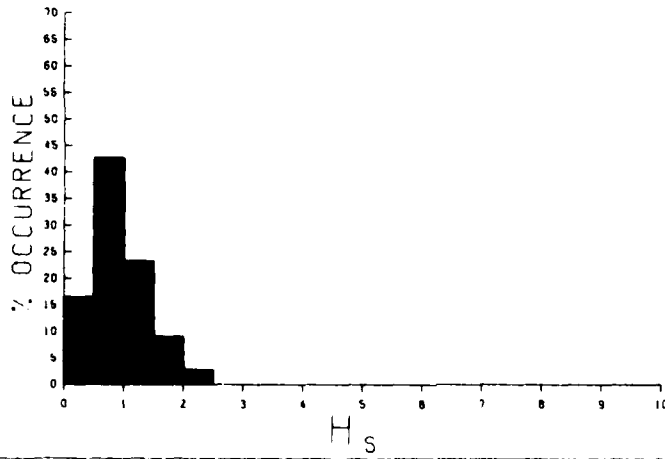
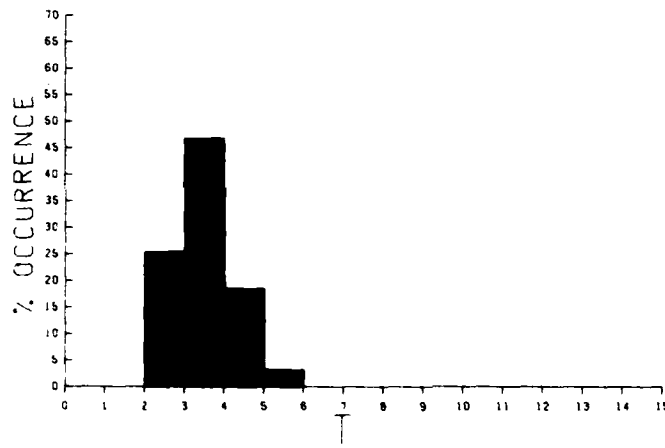
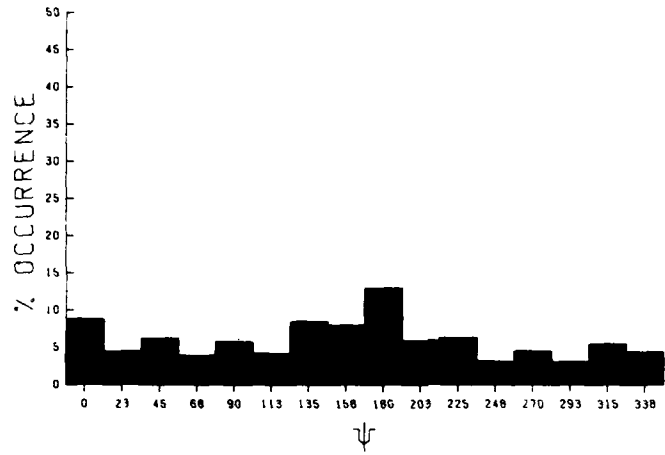


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STATION 22

MAR. - MAY

14720 CASES

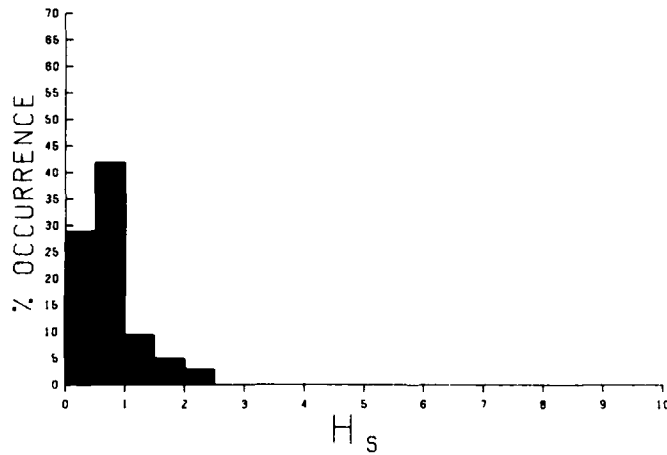
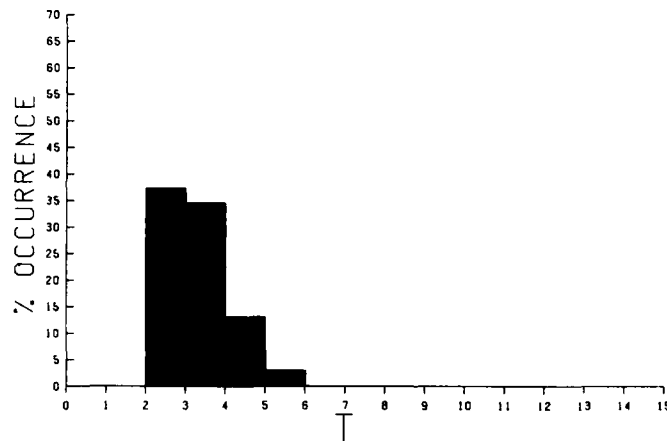
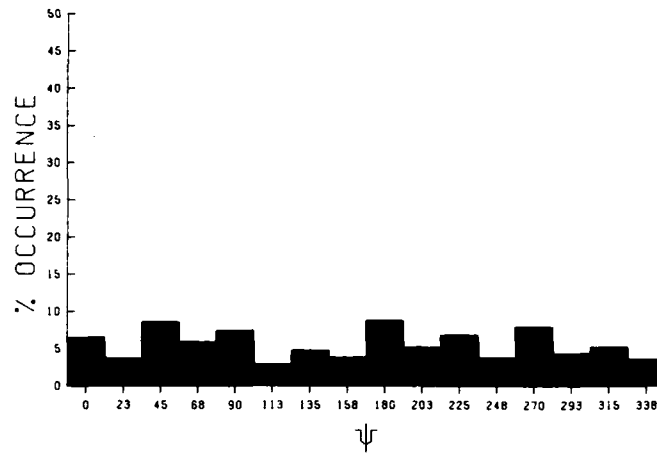


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STATION 22

JUN. - AUG.

14720 CASES

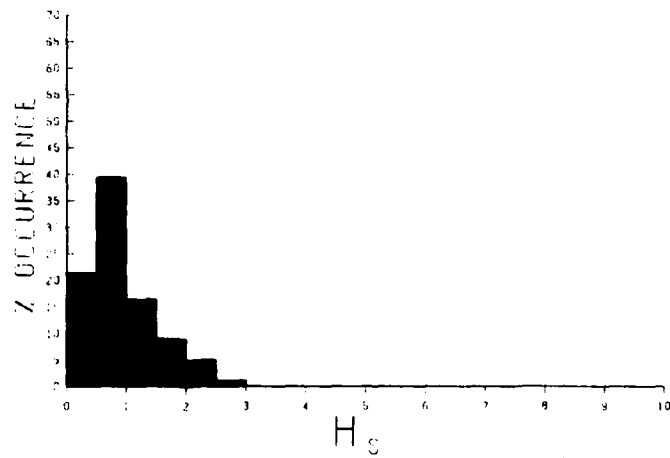
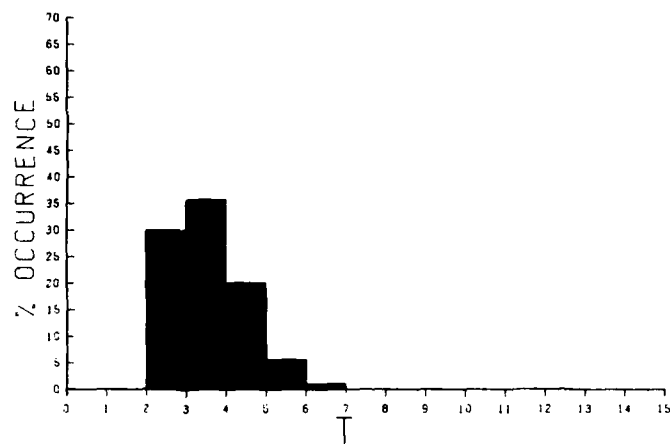
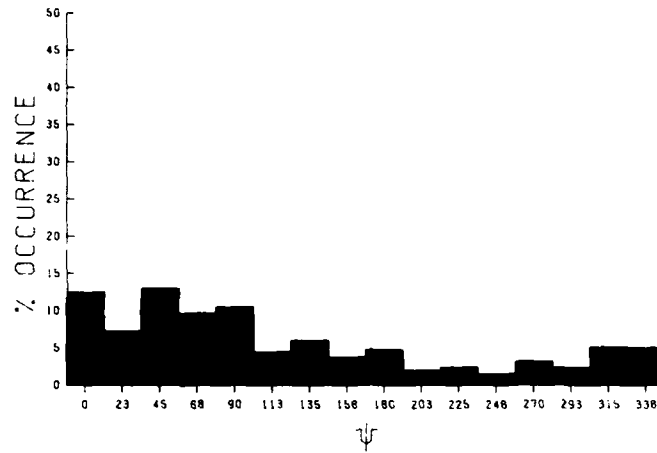


E337

STATION 22

SEP. - NOV.

14560 CASES

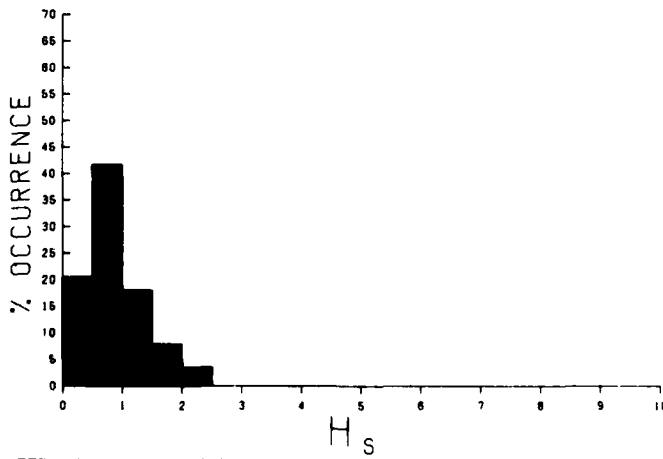
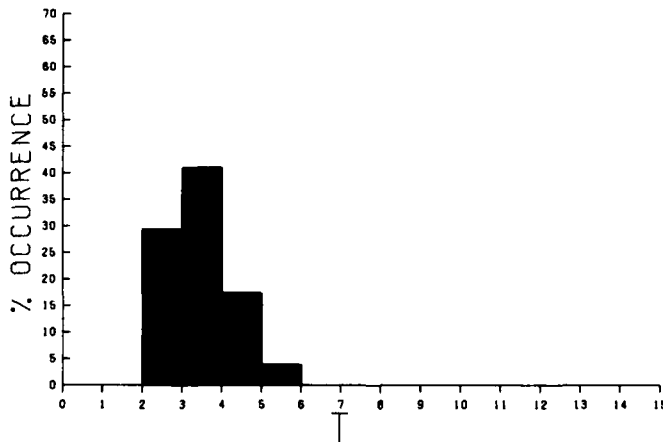
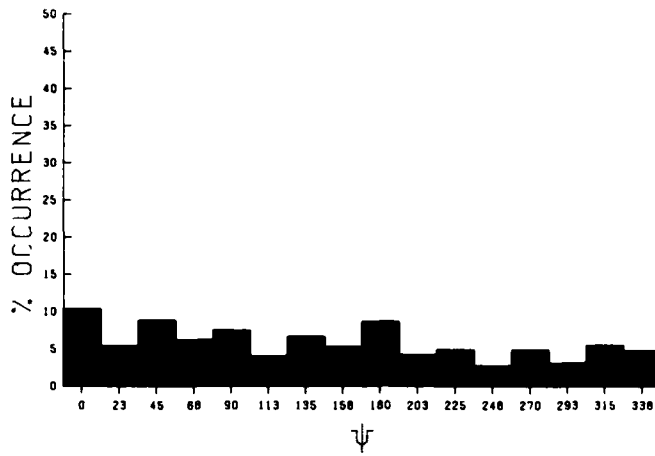


E338

STATION 22

JAN. - DEC.

58440 CASES



E339

MEAN HS(FEET) BY MONTH AND YEAR

STATION 22

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.7	0.8	0.6	0.5	0.6
1957	0.7	0.7	0.7	0.8	0.6	0.7	0.6	0.7	0.8	0.8	0.8	0.7	0.7
1958	0.9	0.8	0.8	1.0	0.9	0.7	0.7	0.6	0.9	0.9	1.0	1.0	0.9
1959	0.9	1.1	1.1	0.9	0.9	0.8	0.8	0.9	1.0	1.0	1.0	1.1	1.0
1960	1.0	1.1	1.1	0.9	0.8	0.9	0.7	0.7	0.9	0.7	0.9	1.0	0.9
1961	1.0	1.0	1.0	1.0	0.8	0.7	0.7	0.8	1.0	0.9	0.9	1.0	0.9
1962	1.0	1.0	1.1	0.9	0.7	0.6	0.5	0.7	0.9	0.7	0.8	0.7	0.8
1963	0.8	0.8	0.8	0.8	0.6	0.5	0.5	0.3	0.8	0.9	1.0	1.0	0.7
1964	1.0	1.1	1.1	1.1	0.8	0.7	0.8	0.7	1.1	1.1	1.0	1.1	1.0
1965	1.0	1.3	1.1	1.0	1.0	0.9	0.7	0.7	1.2	1.1	1.0	1.1	1.0
1966	1.2	1.1	1.0	1.1	1.1	0.9	0.7	0.5	0.6	0.8	0.8	1.0	0.9
1967	0.8	0.9	0.9	0.8	0.8	0.9	0.6	0.7	1.0	0.8	0.8	0.9	0.8
1968	0.9	0.7	0.8	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.7
1969	0.9	0.8	0.9	0.8	0.8	0.7	0.6	0.8	0.7	1.0	0.7	0.9	0.8
1970	0.9	0.9	0.9	0.9	0.8	0.6	0.6	0.6	0.8	0.9	0.8	0.9	0.8
1971	0.6	1.0	1.1	1.0	0.8	0.7	0.7	0.9	1.0	0.6	0.8	0.9	0.8
1972	0.9	0.7	0.8	0.9	0.8	0.8	0.8	0.6	0.7	0.8	0.9	0.8	0.8
1973	0.8	0.8	1.0	0.9	0.8	0.6	0.6	0.6	0.9	0.8	0.9	0.9	0.8
1974	0.8	0.8	0.9	0.9	0.7	0.6	0.5	0.6	0.8	0.8	0.8	0.7	0.8
1975	0.8	0.8	1.0	0.9	0.6	0.7	0.6	0.5	0.8	0.6	0.8	0.8	0.7
MEAN	0.9	0.9	0.9	0.9	0.8	0.7	0.6	0.7	0.9	0.8	0.9	0.9	

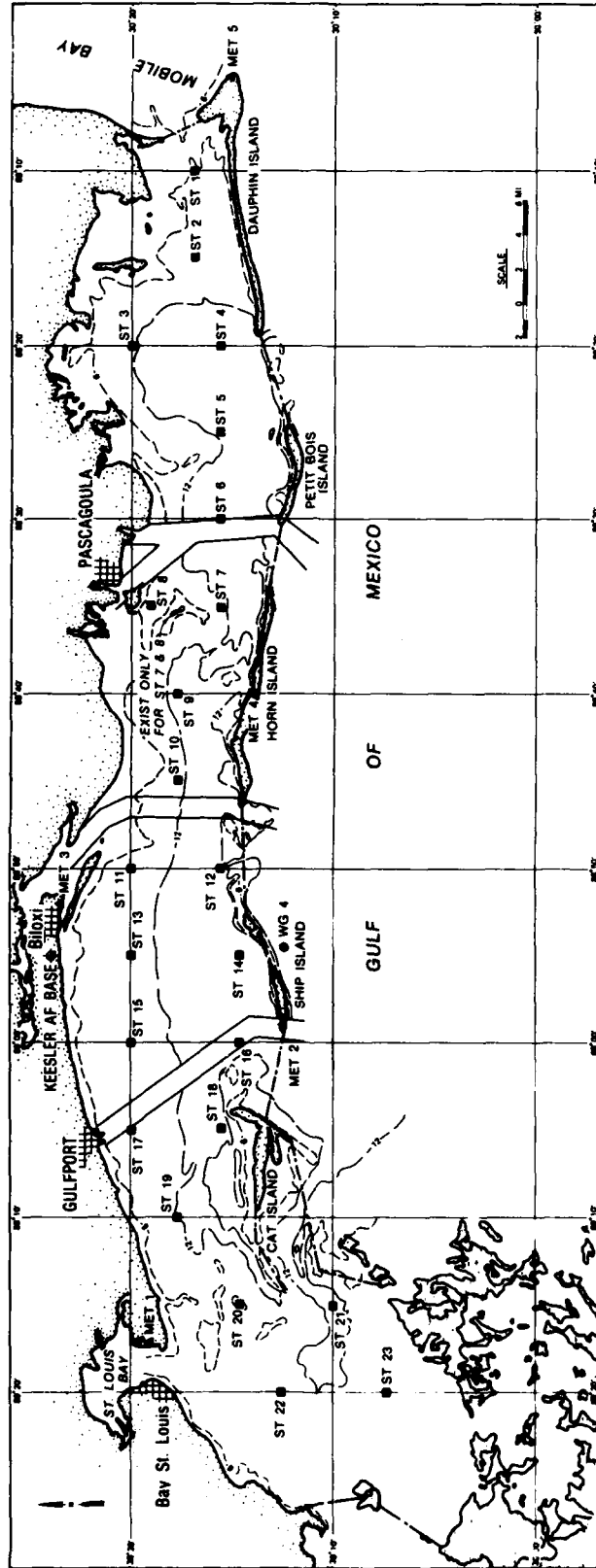
LARGEST HS(FEET) BY MONTH AND YEAR

STATION 22

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	2.5	2.5	2.4	2.4	2.0	2.1	1.5	1.9	2.5	2.5	2.2	2.1
1957	2.5	2.4	2.0	2.2	2.1	2.4	2.5	2.5	2.5	2.5	2.5	2.4
1958	2.5	2.2	2.5	2.6	2.6	2.4	2.4	2.5	2.6	2.5	2.5	2.5
1959	3.1	2.4	2.5	2.4	2.2	2.5	2.4	2.4	3.0	2.6	2.5	2.5
1960	2.6	2.9	2.4	2.2	2.4	2.5	2.2	2.5	3.3	2.2	2.5	2.5
1961	2.5	3.1	3.1	2.5	2.5	2.5	2.2	2.5	2.6	2.5	2.5	2.4
1962	2.5	2.4	2.5	2.4	2.5	2.2	2.2	2.4	2.5	2.5	2.5	2.1
1963	2.5	2.5	2.6	2.4	2.4	2.5	2.5	2.2	2.6	2.5	2.5	2.5
1964	2.8	2.6	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
1965	2.5	2.5	2.5	2.5	2.5	2.4	2.4	2.2	3.2	2.5	2.5	2.5
1966	2.5	2.6	2.5	2.5	2.5	2.5	2.5	2.2	2.2	2.2	2.5	2.5
1967	2.5	2.5	2.4	2.5	2.4	2.4	2.4	2.5	2.5	2.4	2.5	2.5
1968	2.5	2.2	2.4	2.5	2.2	2.5	2.4	2.5	2.5	2.5	2.8	2.4
1969	2.2	2.8	2.4	2.4	2.5	2.4	2.5	3.6	2.5	2.5	2.3	2.5
1970	2.5	2.5	2.5	2.5	2.2	2.2	2.2	2.5	2.5	2.5	2.2	2.5
1971	2.5	2.5	2.7	2.6	2.4	2.7	2.4	2.5	2.5	2.5	2.5	2.6
1972	2.5	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.2
1973	2.4	2.5	2.6	2.5	2.5	2.2	2.5	2.4	2.5	2.5	2.4	2.2
1974	2.5	2.5	3.4	2.5	2.4	1.9	2.2	2.5	2.6	2.5	2.4	2.0
1975	2.4	2.5	2.5	2.4	2.2	2.4	2.5	2.2	2.5	2.5	2.5	2.5

LARGEST HS(FEET) FOR STATION 22 = 3.6



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STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	27	103	.	.	.	.	.	.	130
0.50-0.99	.	.	.	2548	.	.	.	.	.	.	2548
1.00-1.49	.	.	.	2319	3656	.	.	.	.	.	5975
1.50-1.99	4411	.	.	.	.	.	4411
2.00-2.49	879	76	.	.	.	.	955
2.50-2.99	6	.	.	.	.	6
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	27	4970	8946	82	0	0	0	0	0

AVERAGE HS(FT) = 1.33 LARGEST HS(FT) = 2.50 ANGLE CLASS % = 14.0

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	.	90	.	.	.	.	.	.	90
0.50-0.99	.	.	.	1475	.	.	.	.	.	.	1475
1.00-1.49	.	.	.	76	2707	.	.	.	.	.	2783
1.50-1.99	1952	.	.	.	.	.	1952
2.00-2.49	124	193	.	.	.	.	317
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	0	1641	4783	193	0	0	0	0	0

AVERAGE HS(FT) = 1.32 LARGEST HS(FT) = 2.44 ANGLE CLASS % = 6.6

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	.	103	.	.	.	.	.	.	103
0.50-0.99	.	.	.	775	914	.	.	.	.	.	1689
1.00-1.49	3753	.	.	.	.	.	3753
1.50-1.99	1551	457	.	.	.	.	2008
2.00-2.49	193	.	.	.	.	193
2.50-2.99	13	6	.	.	.	19
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	0	878	6218	663	6	0	0	0	0

AVERAGE HS(FT) = 1.27 LARGEST HS(FT) = 2.70 ANGLE CLASS % = 7.8

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49	.	.	124	.	.	.	.	.	.	.	124
0.50-0.99	.	.	.	2922	.	.	.	.	.	.	2922
1.00-1.49	.	.	.	1135	844	.	.	.	.	.	1979
1.50-1.99	270	.	.	.	.	.	270
2.00-2.49	27	.	.	.	.	.	27
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	124	4057	1141	0	0	0	0	0	0

AVERAGE HS(FT) = 1.00 LARGEST HS(FT) = 2.15 ANGLE CLASS % = 5.3

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			2659								2659
0.5-0.99			1509	1447							2956
1.0-1.49				360							360
1.5-1.99					6						6
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	4168	1807	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.59 LARGEST HS (FT) = 1.76 ANGLE CLASS % = 6.0

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			817	1738							2555
0.5-0.99				2001	367						2368
1.0-1.49					41						41
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	817	3739	408	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.51 LARGEST HS (FT) = 1.21 ANGLE CLASS % = 5.0

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			2416	2070							4486
0.5-0.99				3358	193						3551
1.0-1.49				62	55						117
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	2416	5490	248	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.46 LARGEST HS (FT) = 1.44 ANGLE CLASS % = 8.2

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1149	2299							3448
0.5-0.99				2179	311						2430
1.0-1.49				76	193						269
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	1149	4494	504	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.50 LARGEST HS (FT) = 1.37 ANGLE CLASS % = 6.1

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		720	3310	1156							4030
0.99			2915	740							4071
1.49				27							740
1.99					6						33
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	720	6225	1923	19	0	0	0	0	0	0

AVERAGE HS(FT) = 0.58 LARGEST HS(FT) = 2.09 ANGLE CLASS % = 8.9

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1031	1066							1031
0.99			1322	699							2321
1.49				41							699
1.99					27						27
2.49					13						13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	2353	1806	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.71 LARGEST HS(FT) = 2.29 ANGLE CLASS % = 4.2

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			872	1142							872
0.99			1024	914							2166
1.49					83						914
1.99					13						83
2.49											13
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	1896	2056	96	0	0	0	0	0	0

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 2.43 ANGLE CLASS % = 4.1

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			692	851							692
0.99			325	330							1176
1.49					131						511
1.99					56						55
2.49											6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00 - GREATER											0
TOTAL	0	0	1017	1231	192	0	0	0	0	0	0

AVERAGE HS(FT) = 0.78 LARGEST HS(FT) = 2.03 ANGLE CLASS % = 2.4

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	0	879	879	0	0	0	0	0	879
0.5	0	0	858	650	0	0	0	0	0	1737
1.0	0	0	0	0	110	0	0	0	0	110
1.5	0	0	0	0	0	0	0	0	0	0
2.0	0	0	0	0	0	0	0	0	0	0
2.5	0	0	0	0	0	0	0	0	0	0
3.0	0	0	0	0	0	0	0	0	0	0
3.5	0	0	0	0	0	0	0	0	0	0
4.0	0	0	0	0	0	0	0	0	0	0
4.5	0	0	0	0	0	0	0	0	0	0
5.0	0	0	0	0	0	0	0	0	0	0
5.5	0	0	0	0	0	0	0	0	0	0
6.0	0	0	0	0	0	0	0	0	0	0
6.5	0	0	0	0	0	0	0	0	0	0
7.0	0	0	0	0	0	0	0	0	0	0
7.5	0	0	0	0	0	0	0	0	0	0
8.0	0	0	0	0	0	0	0	0	0	0
8.5	0	0	0	0	0	0	0	0	0	0
9.0	0	0	0	0	0	0	0	0	0	0
GREATER	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1737	1529	110	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.96 ANGLE CLASS % = 3.4

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	0	616	775	0	0	0	0	0	616
0.5	0	0	332	540	62	0	0	0	0	1107
1.0	0	0	0	0	103	0	0	0	0	602
1.5	0	0	0	0	6	0	0	0	0	103
2.0	0	0	0	0	0	0	0	0	0	6
2.5	0	0	0	0	0	0	0	0	0	0
3.0	0	0	0	0	0	0	0	0	0	0
3.5	0	0	0	0	0	0	0	0	0	0
4.0	0	0	0	0	0	0	0	0	0	0
4.5	0	0	0	0	0	0	0	0	0	0
5.0	0	0	0	0	0	0	0	0	0	0
5.5	0	0	0	0	0	0	0	0	0	0
6.0	0	0	0	0	0	0	0	0	0	0
6.5	0	0	0	0	0	0	0	0	0	0
7.0	0	0	0	0	0	0	0	0	0	0
7.5	0	0	0	0	0	0	0	0	0	0
8.0	0	0	0	0	0	0	0	0	0	0
8.5	0	0	0	0	0	0	0	0	0	0
9.0	0	0	0	0	0	0	0	0	0	0
GREATER	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	948	1315	171	0	0	0	0	0

AVERAGE HS(FT) = 0.79 LARGEST HS(FT) = 2.01 ANGLE CLASS % = 2.4

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	0	664	2333	0	0	0	0	0	664
0.5	0	0	623	1108	380	0	0	0	0	2956
1.0	0	0	0	0	547	0	0	0	0	1488
1.5	0	0	0	0	62	0	0	0	0	547
2.0	0	0	0	0	6	6	0	0	0	62
2.5	0	0	0	0	0	0	0	0	0	12
3.0	0	0	0	0	0	0	0	0	0	0
3.5	0	0	0	0	0	0	0	0	0	0
4.0	0	0	0	0	0	0	0	0	0	0
4.5	0	0	0	0	0	0	0	0	0	0
5.0	0	0	0	0	0	0	0	0	0	0
5.5	0	0	0	0	0	0	0	0	0	0
6.0	0	0	0	0	0	0	0	0	0	0
6.5	0	0	0	0	0	0	0	0	0	0
7.0	0	0	0	0	0	0	0	0	0	0
7.5	0	0	0	0	0	0	0	0	0	0
8.0	0	0	0	0	0	0	0	0	0	0
8.5	0	0	0	0	0	0	0	0	0	0
9.0	0	0	0	0	0	0	0	0	0	0
GREATER	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	1287	3441	995	6	0	0	0	0

AVERAGE HS(FT) = 0.92 LARGEST HS(FT) = 2.72 ANGLE CLASS % = 5.7

STATION 23 SEASON 1 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.0	0	0	117	1828	0	0	0	0	0	117
0.5	0	0	0	1440	1274	0	0	0	0	1828
1.0	0	0	0	0	1461	0	0	0	0	2714
1.5	0	0	0	0	103	0	0	0	0	1461
2.0	0	0	0	0	0	0	0	0	0	103
2.5	0	0	0	0	0	0	0	0	0	0
3.0	0	0	0	0	0	0	0	0	0	0
3.5	0	0	0	0	0	0	0	0	0	0
4.0	0	0	0	0	0	0	0	0	0	0
4.5	0	0	0	0	0	0	0	0	0	0
5.0	0	0	0	0	0	0	0	0	0	0
5.5	0	0	0	0	0	0	0	0	0	0
6.0	0	0	0	0	0	0	0	0	0	0
6.5	0	0	0	0	0	0	0	0	0	0
7.0	0	0	0	0	0	0	0	0	0	0
7.5	0	0	0	0	0	0	0	0	0	0
8.0	0	0	0	0	0	0	0	0	0	0
8.5	0	0	0	0	0	0	0	0	0	0
9.0	0	0	0	0	0	0	0	0	0	0
GREATER	0	0	0	0	0	0	0	0	0	0
TOTAL	0	0	117	3268	2838	0	0	0	0	0

AVERAGE HS(FT) = 1.21 LARGEST HS(FT) = 2.38 ANGLE CLASS % = 6.2

STATION 23 SEASON 1 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.00											2249
0.25											3737
0.50											2359
0.75											1109
1.00											171
1.25											2000
1.50											0000
1.75											0000
2.00											0000
2.25											0000
2.50											0000
2.75											0000
3.00											0000
3.25											0000
3.50											0000
3.75											0000
4.00											0000
4.25											0000
4.50											0000
4.75											0000
5.00											0000
GREATER											0000
TOTAL	0	510	3362	3107	2555	93	0	0	0	0	0

AVE HS(FT) = 0.86 LARGEST HS(FT) = 2.72 TOTAL CASES = 14440.

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	6	95	.	.	.	.	.	.	101
0.50-0.99	.	.	.	2316	.	.	.	.	.	.	2316
1.00-1.49	.	.	.	1752	.	.	.	.	.	.	1752
1.50-1.99	2398	.	.	.	.	.	2398
2.00-2.49	2194	.	.	.	.	.	2194
2.50-2.99	129	20	.	.	.	.	149
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0	0	6	4163	4721	20	0	0	0	0	0
TOTAL	0	0	6	4163	4721	20	0	0	0	0	0

AVERAGE HS (FT) = 1.21 LARGEST HS (FT) = 2.37 ANGLE CLASS % = 8.9

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	.	33	.	.	.	.	.	.	33
0.50-0.99	.	.	.	1381	.	.	.	.	.	.	1381
1.00-1.49	.	.	.	88	.	.	.	.	.	.	88
1.50-1.99	1908	.	.	.	.	.	1908
2.00-2.49	1154	.	.	.	.	.	1154
2.50-2.99	33	101	.	.	.	.	134
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0	0	0	1472	3095	101	0	0	0	0	0
TOTAL	0	0	0	1472	3095	101	0	0	0	0	0

AVERAGE HS (FT) = 1.25 LARGEST HS (FT) = 2.23 ANGLE CLASS % = 4.7

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	20	258	.	.	.	.	.	.	278
0.50-0.99	.	.	.	692	.	.	.	.	.	.	692
1.00-1.49	747	.	.	.	.	.	747
1.50-1.99	3050	.	.	.	.	.	3050
2.00-2.49	964	.	.	.	.	.	964
2.50-2.99	285	.	.	.	.	285
3.00-3.49	135	.	.	.	.	135
3.50-3.99	6	.	.	.	.	6
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0	0	20	950	4761	426	0	0	0	0	0
TOTAL	0	0	20	950	4761	426	0	0	0	0	0

AVERAGE HS (FT) = 1.20 LARGEST HS (FT) = 2.50 ANGLE CLASS % = 6.2

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	81	.	.	.	.	.	.	.	81
0.50-0.99	.	.	.	2058	.	.	.	.	.	.	2058
1.00-1.49	.	.	.	944	.	.	.	.	.	.	944
1.50-1.99	563	.	.	.	.	.	563
2.00-2.49	190	.	.	.	.	.	190
2.50-2.99	0
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0	0	81	3002	753	0	0	0	0	0	0
TOTAL	0	0	81	3002	753	0	0	0	0	0	0

AVERAGE HS (FT) = 0.99 LARGEST HS (FT) = 1.85 ANGLE CLASS % = 3.8

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	.	2316	.	.	.	.	.	.	.	2316
0.50-0.99	.	.	1664	1263	.	.	.	.	.	.	2927
1.00-1.49	.	.	.	305	.	.	.	.	.	.	305
1.50-1.99	6	.	.	.	.	.	6
2.00-2.49
2.50-2.99
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00-5.49
5.50-5.99
6.00-6.49
6.50-6.99
7.00-7.49
7.50-7.99
8.00-8.49
8.50-8.99
9.00-9.49
9.50-9.99
GREATER
TOTAL	0	0	3980	1568	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 1.83 ANGLE CLASS % = 5.6

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	679	1433	.	.	.	.	.	.	.	2112
0.50-0.99	.	.	1820	346	.	.	.	.	.	.	2166
1.00-1.49	.	.	.	129	.	.	.	.	.	.	129
1.50-1.99
2.00-2.49
2.50-2.99
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00-5.49
5.50-5.99
6.00-6.49
6.50-6.99
7.00-7.49
7.50-7.99
8.00-8.49
8.50-8.99
9.00-9.49
9.50-9.99
GREATER
TOTAL	0	679	3253	475	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.54 LARGEST HS(FT) = 1.47 ANGLE CLASS % = 4.4

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	2214	2255	.	.	.	.	.	.	.	4469
0.50-0.99	.	.	4137	203	.	.	.	.	.	.	4340
1.00-1.49	.	.	47	88	.	.	.	.	.	.	135
1.50-1.99
2.00-2.49
2.50-2.99
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00-5.49
5.50-5.99
6.00-6.49
6.50-6.99
7.00-7.49
7.50-7.99
8.00-8.49
8.50-8.99
9.00-9.49
9.50-9.99
GREATER
TOTAL	0	2214	6439	291	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.49 LARGEST HS(FT) = 1.39 ANGLE CLASS % = 8.9

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49	.	1385	2737	.	.	.	.	.	.	.	4122
0.50-0.99	.	.	3768	421	.	.	.	.	.	.	4143
1.00-1.49	.	.	135	230	.	.	.	.	.	.	365
1.50-1.99
2.00-2.49
2.50-2.99
3.00-3.49
3.50-3.99
4.00-4.49
4.50-4.99
5.00-5.49
5.50-5.99
6.00-6.49
6.50-6.99
7.00-7.49
7.50-7.99
8.00-8.49
8.50-8.99
9.00-9.49
9.50-9.99
GREATER
TOTAL	0	1385	6594	651	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.53 LARGEST HS(FT) = 1.32 ANGLE CLASS % = 8.6

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		937	4225								5162
0.99			5332	2119							7451
1.49				1202							1202
1.99				33	13						46
2.49					6						6
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
TOTAL	0	937	9557	3354	19	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 2.27 ANGLE CLASS % = 13.9

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1413								1413
0.99			1861	1684							3545
1.49				1073							1073
1.99				27	61						88
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
TOTAL	0	0	3274	2784	61	0	0	0	0	0	0

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 1.87 ANGLE CLASS % = 6.1

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1521								1521
0.99			1372	1548							2920
1.49				1610							1610
1.99					183						183
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
TOTAL	0	0	2893	3158	183	0	0	0	0	0	0

AVERAGE HS(FT) = 0.77 LARGEST HS(FT) = 1.97 ANGLE CLASS % = 6.2

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			855								855
0.99			448	1216							1664
1.49				251	176						427
1.99					122						122
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
TOTAL	0	0	1303	1467	298	0	0	0	0	0	0

AVERAGE HS(FT) = 0.76 LARGEST HS(FT) = 1.94 ANGLE CLASS % = 3.1

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
11.00			1127								1127
10.50			1107	930							2037
10.00				584							584
9.50					101						101
9.00											0
8.50											0
8.00											0
7.50											0
7.00											0
6.50											0
6.00											0
5.50											0
5.00											0
GREATER											0
TOTAL	0	0	2234	1514	101	0	0	0	0	0	3849

AVERAGE HS(FT) = 0.69 LARGEST HS(FT) = 1.80 ANGLE CLASS % = 3.9

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
11.00			828								828
10.50			407	816							1223
10.00				523	40						563
9.50					67						67
9.00					6						6
8.50											0
8.00											0
7.50											0
7.00											0
6.50											0
6.00											0
5.50											0
5.00											0
GREATER											0
TOTAL	0	0	1235	1338	113	0	0	0	0	0	2686

AVERAGE HS(FT) = 0.73 LARGEST HS(FT) = 2.09 ANGLE CLASS % = 2.7

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
11.00			543								543
10.50			597	1936							2533
10.00				1012	380						1392
9.50					305						305
9.00					3						3
8.50											0
8.00											0
7.50											0
7.00											0
6.50											0
6.00											0
5.50											0
5.00											0
GREATER											0
TOTAL	0	0	1140	2948	718	0	0	0	0	0	4806

AVERAGE HS(FT) = 0.89 LARGEST HS(FT) = 2.20 ANGLE CLASS % = 4.8

STATION 23 SEASON 2 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
11.00			40								40
10.50				1566							1566
10.00				1093	869						1962
9.50					788						788
9.00					54						54
8.50											0
8.00											0
7.50											0
7.00											0
6.50											0
6.00											0
5.50											0
5.00											0
GREATER											0
TOTAL	0	0	40	2662	1711	0	0	0	0	0	4413

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.25 ANGLE CLASS % = 4.4

STATION 23 SEASON 2 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0											2499
0.1											4368
0.2											2044
0.3											649
0.4											51
0.5											0
0.6											0
0.7											0
0.8											0
0.9											0
1.0											0
1.1											0
1.2											0
1.3											0
1.4											0
1.5											0
1.6											0
1.7											0
1.8											0
1.9											0
2.0											0
2.1											0
2.2											0
2.3											0
2.4											0
2.5											0
2.6											0
2.7											0
2.8											0
2.9											0
3.0											0
3.1											0
3.2											0
3.3											0
3.4											0
3.5											0
3.6											0
3.7											0
3.8											0
3.9											0
4.0											0
4.1											0
4.2											0
4.3											0
4.4											0
4.5											0
4.6											0
4.7											0
4.8											0
4.9											0
5.0											0
5.1											0
5.2											0
5.3											0
5.4											0
5.5											0
5.6											0
5.7											0
5.8											0
5.9											0
6.0											0
6.1											0
6.2											0
6.3											0
6.4											0
6.5											0
6.6											0
6.7											0
6.8											0
6.9											0
7.0											0
7.1											0
7.2											0
7.3											0
7.4											0
7.5											0
7.6											0
7.7											0
7.8											0
7.9											0
8.0											0
8.1											0
8.2											0
8.3											0
8.4											0
8.5											0
8.6											0
8.7											0
8.8											0
8.9											0
9.0											0
9.1											0
9.2											0
9.3											0
9.4											0
9.5											0
9.6											0
9.7											0
9.8											0
9.9											0
10.0											0
GREATER											0
TOTAL	0	521	4205	3179	1653	53	0	0	0	0	0

AVE HS (FT) = 0.77 LARGEST HS (FT) = 2.50 TOTAL CASES = 14720.

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	6	217	.	.	.	.	.	.	223
0.99	.	.	.	3675	.	.	.	.	.	.	3675
1.49	.	.	.	1671	1019	.	.	.	.	.	2690
1.99	197	.	.	.	.	.	197
2.49	6	.	.	.	.	.	6
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	6	5563	1222	0	0	0	0	0	0

AVERAGE HS (FT) = 0.92 LARGEST HS (FT) = 2.00 ANGLE CLASS % = 6.8

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	6	197	.	.	.	.	.	.	203
0.99	.	.	.	2296	.	.	.	.	.	.	2296
1.49	.	.	.	47	1664	.	.	.	.	.	1711
1.99	271	.	.	.	.	.	271
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	6	2540	1935	0	0	0	0	0	0

AVERAGE HS (FT) = 0.99 LARGEST HS (FT) = 1.89 ANGLE CLASS % = 4.5

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	20	495	.	.	.	.	.	.	515
0.99	.	.	.	1555	.	.	.	.	.	.	1555
1.49	1542	.	.	.	.	.	1542
1.99	4273	.	.	.	.	.	4273
2.49	563	.	.	.	.	.	563
2.99	54	.	.	.	.	54
3.49	6	.	.	.	.	6
3.99	6	.	.	.	6
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	20	2050	6378	60	6	0	0	0	0

AVERAGE HS (FT) = 1.03 LARGEST HS (FT) = 2.63 ANGLE CLASS % = 8.5

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	244	4279	.	.	.	.	.	.	244
0.99	.	.	.	794	448	.	.	.	.	.	4279
1.49	61	.	.	.	.	.	1242
1.99	61
2.49	0
2.99	0
3.49	0
3.99	0
4.49	0
4.99	0
5.49	0
5.99	0
6.49	0
6.99	0
7.49	0
7.99	0
8.49	0
8.99	0
9.49	0
9.99	0
GREATER	0
TOTAL	0	0	244	5073	509	6	0	0	0	0	0

AVERAGE HS (FT) = 0.87 LARGEST HS (FT) = 2.47 ANGLE CLASS % = 5.8

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			4796	699							4796
0.99			1277	101							1978
1.49											101
1.99											0
2.49											0
2.99					6						6
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	0	6073	800	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.47 LARGEST HS (FT) = 2.31 ANGLE CLASS % = 6.9

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1501	33							1534
0.99		1052	774	27							2553
1.49											807
1.99											27
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	1052	2275	60	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.39 LARGEST HS (FT) = 1.10 ANGLE CLASS % = 3.4

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1447								1447
0.99		2873	1182								4055
1.49											0
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	2873	2629	6	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.33 LARGEST HS (FT) = 1.71 ANGLE CLASS % = 5.5

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1875	54							1929
0.99		1677	998	6							2681
1.49			27								27
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.00											0
GREATER											0
TOTAL	0	1677	2900	60	0	0	0	0	0	0	0

AVERAGE HS (FT) = 0.38 LARGEST HS (FT) = 1.49 ANGLE CLASS % = 4.6

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49		1657	5149								6806
0.50			2921	570							3491
0.51				81							81
0.52											0
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	1657	8070	651	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.45 ANGLE CLASS % = 10.4

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			3077								3077
0.50			1895	706							2601
0.51				203							203
0.52					13						13
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	4972	909	13	0	0	0	0	0	0

AVERAGE HS(FT) = 0.51 LARGEST HS(FT) = 1.59 ANGLE CLASS % = 5.9

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			2873								2873
0.50			1902	1589							3491
0.51				394							394
0.52											0
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	4775	1983	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.59 LARGEST HS(FT) = 1.33 ANGLE CLASS % = 6.8

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49			1888								1888
0.50			658	1046							1704
0.51				108	13						121
0.52											0
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	2546	1154	13	0	0	0	0	0	0

AVERAGE HS(FT) = 0.58 LARGEST HS(FT) = 1.44 ANGLE CLASS % = 3.7

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			2927								2927
0.50			2221	1168							3389
0.51				237							237
0.52											0
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	5148	1405	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.33 ANGLE CLASS % = 6.6

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1569								1569
0.50			529	1154							1683
0.51				156	6						162
0.52											0
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	2098	1310	6	0	0	0	0	0	0

AVERAGE HS(FT) = 0.58 LARGEST HS(FT) = 1.45 ANGLE CLASS % = 3.4

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			1188								1188
0.50			896	1807							2703
0.51				264	6						270
0.52					6						6
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	2084	2071	12	0	0	0	0	0	0

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 1.76 ANGLE CLASS % = 4.2

STATION 23 SEASON 3 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.49			203								203
0.50				2798							2798
0.51				529	190						719
0.52					6						6
0.53											0
0.54											0
0.55											0
0.56											0
0.57											0
0.58											0
0.59											0
0.60											0
GREATER											0
TOTAL	0	0	203	3327	196	0	0	0	0	0	0

AVERAGE HS(FT) = 0.81 LARGEST HS(FT) = 1.70 ANGLE CLASS % = 3.7

STATION 23 SEASON 3 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	726	2877	91	.	.	.	.	.	3694
0.99	.	.	1527	2343	154	.	.	.	.	4022
1.49	.	.	2	462	762	.	.	.	.	1226
1.99	112	5	.	.	.	117	
2.49	1	.	.	.	.	2	
2.99	0	
3.49	0	
3.99	0	
4.49	0	
4.99	0	
5.49	0	
5.99	0	
GREATER	0	
TOTAL	0	726	4404	2896	1029	6	0	0	0	0	

AVE HS(FT) = 0.58 LARGEST HS(FT) = 2.63 TOTAL CASES = 14720.

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49	.	.	13	309	.	.	.	.	.	.	322
0.50-0.99	.	.	.	4107	.	.	.	.	.	.	4107
1.00-1.49	.	.	.	2657	2864	.	.	.	.	.	5521
1.50-1.99	2375	.	.	.	.	.	2375
2.00-2.49	357	82	.	.	.	.	439
2.50-2.99	34	.	.	.	.	34
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	13	7073	5597	116	0	0	0	0	0

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.98 ANGLE CLASS % = 12.8

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49	.	.	6	185	.	.	.	.	.	.	191
0.50-0.99	.	.	.	2946	.	.	.	.	.	.	2946
1.00-1.49	.	.	.	103	3351	.	.	.	.	.	3454
1.50-1.99	1421	.	.	.	.	.	1421
2.00-2.49	41	82	.	.	.	.	123
2.50-2.99	6	.	.	.	.	6
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	6	3234	4813	88	0	0	0	0	0

AVERAGE HS(FT) = 1.14 LARGEST HS(FT) = 2.52 ANGLE CLASS % = 8.1

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49	.	.	27	446	.	.	.	.	.	.	473
0.50-0.99	.	.	.	1627	2012	.	.	.	.	.	3639
1.00-1.49	6586	.	.	.	.	.	6586
1.50-1.99	1579	302	.	.	.	.	1681
2.00-2.49	315	.	.	.	.	315
2.50-2.99	27	.	.	.	.	27
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	27	2073	10177	644	0	0	0	0	0

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.51 ANGLE CLASS % = 12.9

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9		9.0-LONGER
0.0-0.49	.	.	384	.	.	.	.	.	.	.	384
0.50-0.99	.	.	.	5576	.	.	.	.	.	.	5576
1.00-1.49	.	.	.	2046	1174	.	.	.	.	.	3220
1.50-1.99	425	.	.	.	.	.	425
2.00-2.49	27	.	.	.	.	.	27
2.50-2.99	6	.	.	.	.	6
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00-5.49	0
5.50-5.99	0
6.00-6.49	0
6.50-6.99	0
7.00-7.49	0
7.50-7.99	0
8.00-8.49	0
8.50-8.99	0
9.00-9.49	0
9.50-9.99	0
GREATER	0
TOTAL	0	0	384	7622	1626	6	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 2.53 ANGLE CLASS % = 9.6

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 90.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49			5446								5446
0.99			2403	1861							4264
1.49				432							432
1.99					27						27
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	0	7849	2293	27	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.89 ANGLE CLASS % = 10.2

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 112.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		1270	1875								3145
0.99			1620	164							1784
1.49				61							61
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	1270	3495	225	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.45 LARGEST HS(FT) = 1.34 ANGLE CLASS % = 5.0

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 135.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		2767	1703								4470
0.99			2060	41							2101
1.49			20	27							47
1.99											0
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	2767	3783	68	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.39 LARGEST HS(FT) = 1.21 ANGLE CLASS % = 6.6

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 157.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)									TOTAL	
	0.0- 0.9	1.0- 1.9	3.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9		9.0- LONGER
0.49		1215	1593								2808
0.99			1167	151							1318
1.49			34	61							95
1.99				6							6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
GREATER											0
TOTAL	0	1215	2794	218	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.44 LARGEST HS(FT) = 1.55 ANGLE CLASS % = 4.2

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49											3578
0.5-0.99		1037	2541	515							1964
1.0-1.49			1449	247							247
1.5-1.99											0
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0- GREATER											0
TOTAL	0	1037	3990	762	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.48 LARGEST HS(FT) = 1.45 ANGLE CLASS % = 5.8

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			1105								1105
0.5-0.99			625	350							975
1.0-1.49				137							137
1.5-1.99				13							13
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0- GREATER											0
TOTAL	0	0	1730	500	0	0	0	0	0	0	0

AVERAGE HS(FT) = 0.55 LARGEST HS(FT) = 1.50 ANGLE CLASS % = 2.2

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			947								947
0.5-0.99			686	515							1201
1.0-1.49				206							206
1.5-1.99					13						13
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0- GREATER											0
TOTAL	0	0	1633	721	13	0	0	0	0	0	0

AVERAGE HS(FT) = 0.61 LARGEST HS(FT) = 1.82 ANGLE CLASS % = 2.4

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.0-0.49			611								611
0.5-0.99			260	439							699
1.0-1.49				123	36						157
1.5-1.99					6						6
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0- GREATER											0
TOTAL	0	0	871	562	40	0	0	0	0	0	0

AVERAGE HS(FT) = 0.65 LARGEST HS(FT) = 1.61 ANGLE CLASS % = 1.5

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			1243								1243
0.99			728	439							1167
1.49				96							96
1.99					6						6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1971	535	6	0	0	0	0	0	0

AVERAGE HS (FT) = 0.55 LARGEST HS (FT) = 1.57 ANGLE CLASS % = 2.5

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			851								851
0.99			329	515							844
1.49				171	13						184
1.99					6						6
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1180	686	19	0	0	0	0	0	0

AVERAGE HS (FT) = 0.61 LARGEST HS (FT) = 1.60 ANGLE CLASS % = 1.9

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			940								940
0.99			748	1778							2526
1.49				631	116						747
1.99					96						96
2.49											0
2.99											0
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	1688	2409	212	0	0	0	0	0	0

AVERAGE HS (FT) = 0.73 LARGEST HS (FT) = 1.94 ANGLE CLASS % = 4.3

STATION 23 SEASON 4 ANGLE CLASS (DEG AZIMUTH)= 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	3.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0- LONGER	
0.49			274								274
0.99				2575							2575
1.49				1236							1236
1.99					656						656
2.49					487						487
2.99					20						20
3.49											0
3.99											0
4.49											0
4.99											0
5.49											0
5.99											0
6.49											0
6.99											0
7.49											0
7.99											0
8.49											0
8.99											0
9.49											0
9.99											0
GREATER											0
TOTAL	0	0	274	3811	1159	0	0	0	0	0	0

AVERAGE HS (FT) = 0.99 LARGEST HS (FT) = 2.12 ANGLE CLASS % = 5.2

STATION 23 SEASON 4 FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE (X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LARGER	
0.0-0.49	.	629	1956	94	.	.	.	.	.	.	2679
0.50-0.99	.	.	1208	2360	201	.	.	.	.	.	3769
1.00-1.49	.	.	908	824	1479	.	.	.	.	.	2308
1.50-1.99	.	.	.	2	644	30	.	.	.	.	676
2.00-2.49	44	48	.	.	.	.	92
2.50-2.99	7	.	.	.	.	7
3.00-3.49	0
3.50-3.99	0
4.00-4.49	0
4.50-4.99	0
5.00- GREATER	0
TOTAL	0	629	3169	3280	2368	85	0	0	0	0	14560

AVE HS (FT) = 0.78 LARGEST HS (FT) = 2.98 TOTAL CASES = 14560.

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 0.
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	13	181	.	.	.	.	.	.	194
0.99	.	.	3162	2097	2477	.	.	.	.	.	3192
1.49	2284	.	.	.	.	.	4574
1.99	340	44	.	.	.	.	2284
2.49	10	.	.	.	.	364
2.99	1000
3.49	0000
3.99	0000
4.49	0000
4.99	0000
GREATER	0000
TOTAL	0	0	13	5440	5101	54	0	0	0	0	0

AVERAGE HS(FT) = 1.19 LARGEST HS(FT) = 2.98 ANGLE CLASS % = 10.6

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 22.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	3	126	.	.	.	.	.	.	129
0.99	.	.	2017	78	2404	.	.	.	.	.	2017
1.49	1196	.	.	.	.	.	2482
1.99	49	94	.	.	.	.	1196
2.49	1	.	.	.	.	143
2.99	1000
3.49	0000
3.99	0000
4.49	0000
4.99	0000
GREATER	0000
TOTAL	0	0	3	2221	3649	95	0	0	0	0	0

AVERAGE HS(FT) = 1.18 LARGEST HS(FT) = 2.52 ANGLE CLASS % = 6.0

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 45.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	17	326	.	.	.	.	.	.	343
0.99	.	.	1163	1303	.	.	.	.	.	.	2466
1.49	.	.	.	4413	.	.	.	.	.	.	4413
1.99	.	.	.	1161	273	.	.	.	.	.	1434
2.49	162	11	3	.	.	.	162
2.99	143
3.49	0000
3.99	0000
4.49	0000
4.99	0000
GREATER	0000
TOTAL	0	0	17	1489	6877	446	3	0	0	0	0

AVERAGE HS(FT) = 1.16 LARGEST HS(FT) = 2.70 ANGLE CLASS % = 8.8

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 67.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	.	208	.	.	.	.	.	.	.	208
0.99	.	.	.	3708	.	.	.	.	.	.	3708
1.49	.	.	.	1228	756	.	.	.	.	.	1984
1.99	232	13	.	.	.	.	236
2.49	1	.	.	.	.	14
2.99	1000
3.49	0000
3.99	0000
4.49	0000
4.99	0000
GREATER	0000
TOTAL	0	0	208	4936	1005	2	0	0	0	0	0

AVERAGE HS(FT) = 0.95 LARGEST HS(FT) = 2.53 ANGLE CLASS % = 6.2

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 180.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			3812	1091							4902
0.50-0.99		1090	3160	568							4251
1.00-1.49				15							538
1.50-1.99											20
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	1090	6972	1674	10	0	0	0	0	0	0
TOTAL	0	1090	6972	1674	10	0	0	0	0	0	0

AVERAGE HS (FT) = 0.54 LARGEST HS (FT) = 2.27 ANGLE CLASS % = 9.7

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 202.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1661	953							1661
0.50-0.99			1428	528							2381
1.00-1.49				20	25						528
1.50-1.99					3						453
2.00-2.49											0
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	3089	1501	28	0	0	0	0	0	0
TOTAL	0	0	3089	1501	28	0	0	0	0	0	0

AVERAGE HS (FT) = 0.63 LARGEST HS (FT) = 2.29 ANGLE CLASS % = 4.6

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 225.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1558	1201							1558
0.50-0.99			1249	781							2450
1.00-1.49											781
1.50-1.99					70						70
2.00-2.49					3						3
2.50-2.99											0
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	2807	1982	73	0	0	0	0	0	0
TOTAL	0	0	2807	1982	73	0	0	0	0	0	0

AVERAGE HS (FT) = 0.69 LARGEST HS (FT) = 2.43 ANGLE CLASS % = 4.9

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 247.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT (FEET)	PERIOD (SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.0-0.49			1014								1014
0.50-0.99			424	889							1313
1.00-1.49				215							503
1.50-1.99					88						88
2.00-2.49					46						46
2.50-2.99					1						1
3.00-3.49											0
3.50-3.99											0
4.00-4.49											0
4.50-4.99											0
5.00-5.49											0
5.50-5.99											0
6.00-6.49											0
6.50-6.99											0
7.00-7.49											0
7.50-7.99											0
8.00-8.49											0
8.50-8.99											0
9.00-9.49											0
9.50-9.99											0
GREATER	0	0	1438	1104	135	0	0	0	0	0	0
TOTAL	0	0	1438	1104	135	0	0	0	0	0	0

AVERAGE HS (FT) = 0.69 LARGEST HS (FT) = 2.03 ANGLE CLASS % = 2.7

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 270.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			1548								1548
0.5-0.99			1232	855							2087
1.0-1.49				391							391
1.5-1.99					54						54
2.0-2.49											0
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	2780	1246	54	0	0	0	0	0	0

AVERAGE HS(FT) = 0.62 LARGEST HS(FT) = 1.96 ANGLE CLASS % = 4.1

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 292.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			568								568
0.5-0.99			400	816							1216
1.0-1.49				347	30						377
1.5-1.99					44						44
2.0-2.49					3						3
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	1368	1163	77	0	0	0	0	0	0

AVERAGE HS(FT) = 0.67 LARGEST HS(FT) = 2.09 ANGLE CLASS % = 2.6

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 315.0
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			835								835
0.5-0.99			716	1962							2678
1.0-1.49				752	220						972
1.5-1.99					237						237
2.0-2.49					23						23
2.5-2.99					1						1
3.0-3.49						1					1
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	1551	2714	481	1	0	0	0	0	0

AVERAGE HS(FT) = 0.80 LARGEST HS(FT) = 2.72 ANGLE CLASS % = 4.8

STATION 23 20 YEARS ANGLE CLASS (DEG AZIMUTH) = 337.5
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X1000) OF HEIGHT AND PERIOD BY DIRECTION

HEIGHT(Feet)	PERIOD(SECONDS)										TOTAL
	0.0-0.9	1.0-1.9	2.0-2.9	3.0-3.9	4.0-4.9	5.0-5.9	6.0-6.9	7.0-7.9	8.0-8.9	9.0-LONGER	
0.0-0.49			159								159
0.5-0.99				2193							2193
1.0-1.49				1072	744						1816
1.5-1.99					682						682
2.0-2.49					44						44
2.5-2.99											0
3.0-3.49											0
3.5-3.99											0
4.0-4.49											0
4.5-4.99											0
5.0-5.49											0
5.5-5.99											0
6.0-6.49											0
6.5-6.99											0
7.0-7.49											0
7.5-7.99											0
8.0-8.49											0
8.5-8.99											0
9.0-9.49											0
9.5-9.99											0
GREATER											0
TOTAL	0	0	159	3265	1470	0	0	0	0	0	0

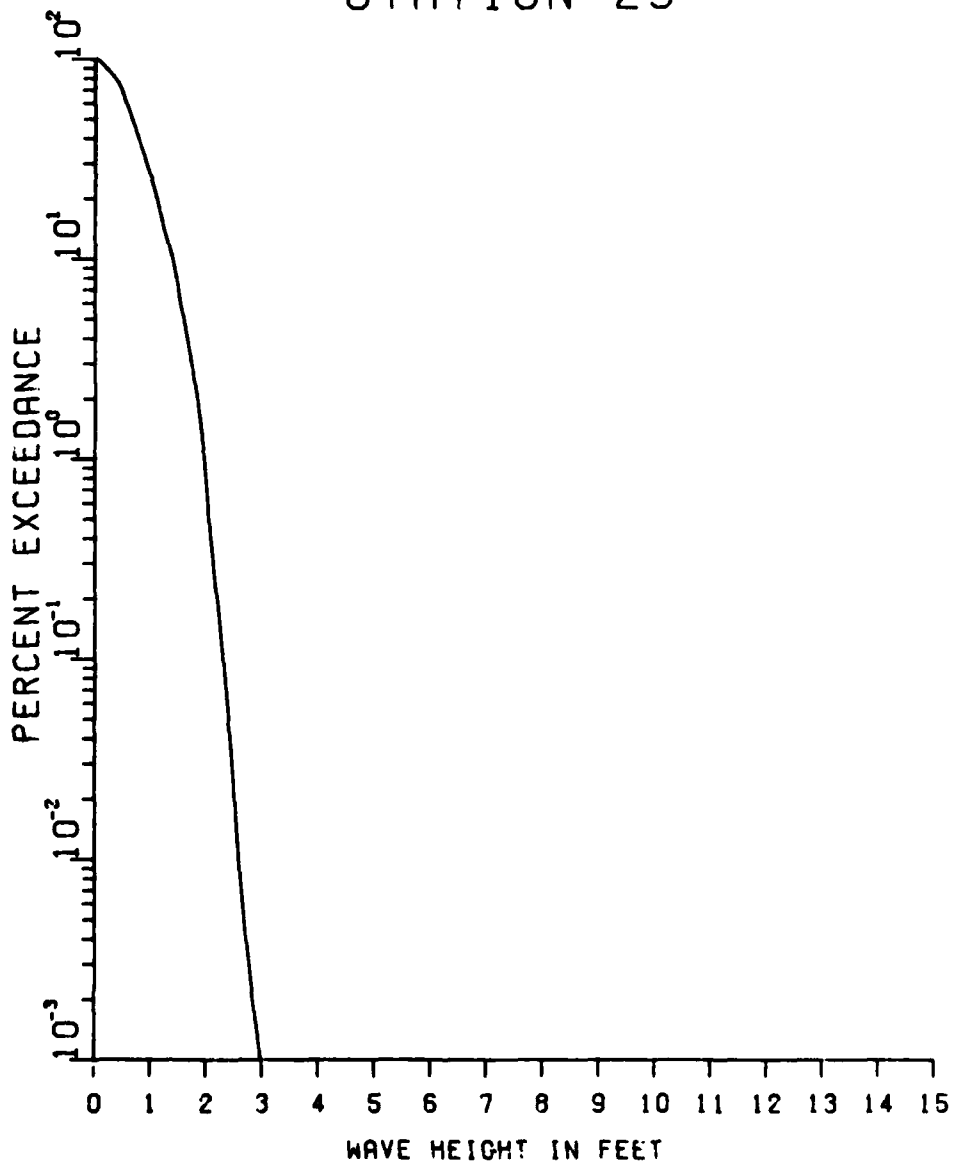
AVERAGE HS(FT) = 1.06 LARGEST HS(FT) = 2.38 ANGLE CLASS % = 4.9

STATION 23 20 YEARS FOR ALL DIRECTIONS
 WATER DEPTH = 11.00 FEET
 PERCENT OCCURRENCE(X100) OF HEIGHT AND PERIOD FOR ALL DIRECTIONS

HEIGHT(FEET)	PERIOD(SECONDS)										TOTAL
	0.0- 0.9	1.0- 1.9	2.0- 2.9	3.0- 3.9	4.0- 4.9	5.0- 5.9	6.0- 6.9	7.0- 7.9	8.0- 8.9	9.0- LONGER	
0.49	.	597	2123	63	.	.	.	.	.	.	2783
0.79	.	.	1656	2190	130	.	.	.	.	.	3976
1.09	.	.	10	859	1113	.	.	.	.	.	1982
1.39	.	.	.	3	605	27	.	.	.	.	635
1.69	49	30	.	.	.	.	79
1.99	2	.	.	.	.	2
2.29	0
2.59	0
2.89	0
3.19	0
3.49	0
3.79	0
4.09	0
4.39	0
4.69	0
4.99	0
GREATER	0	597	3789	3115	1897	59	0	0	0	0	0
TOTAL	0	597	3789	3115	1897	59	0	0	0	0	0

AVE HS(FT) = 0.74 LARGEST HS(FT) = 2.98 TOTAL CASES = 58440

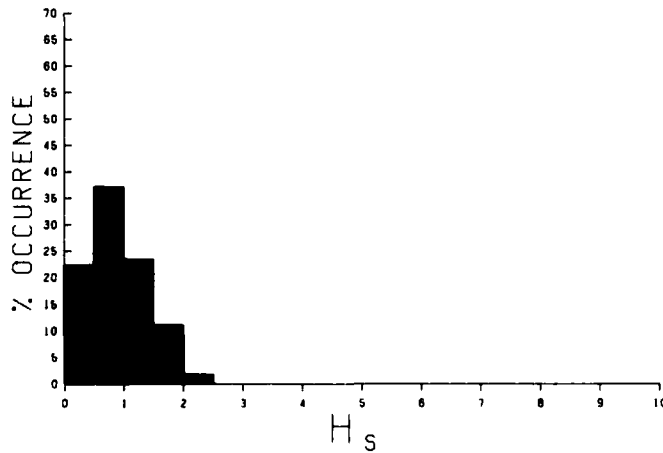
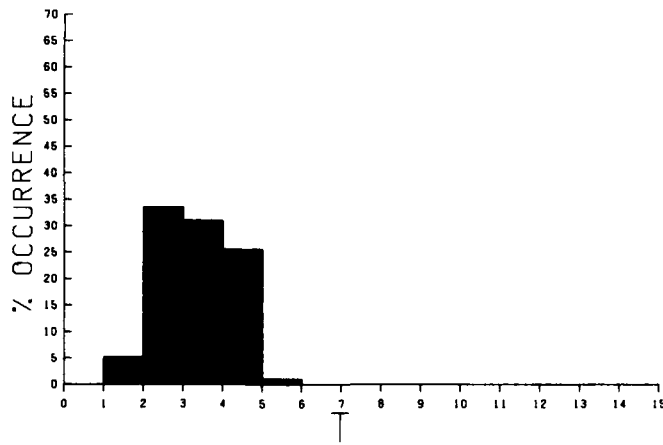
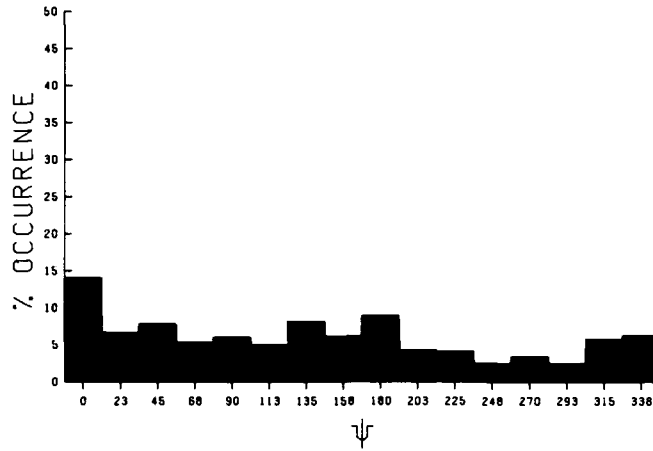
STATION 23



STATION 23

DEC. - FEB.

14440 CASES

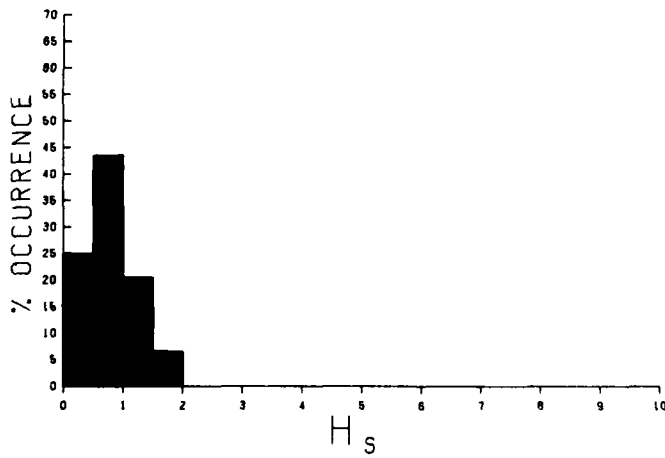
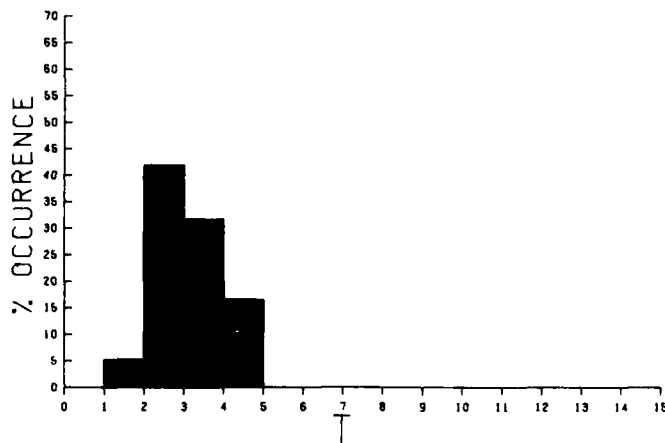
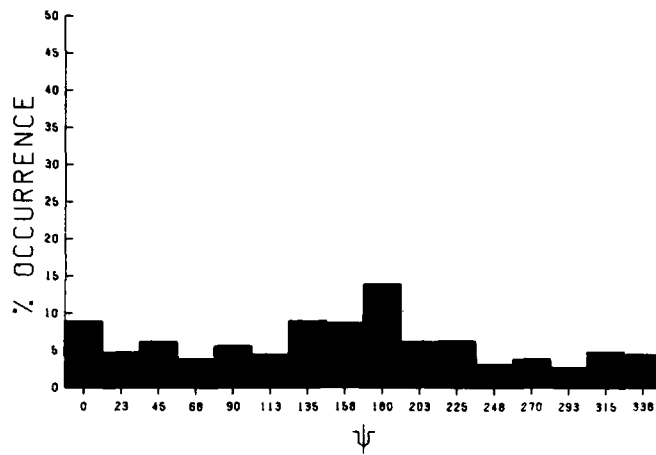


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STATION 23

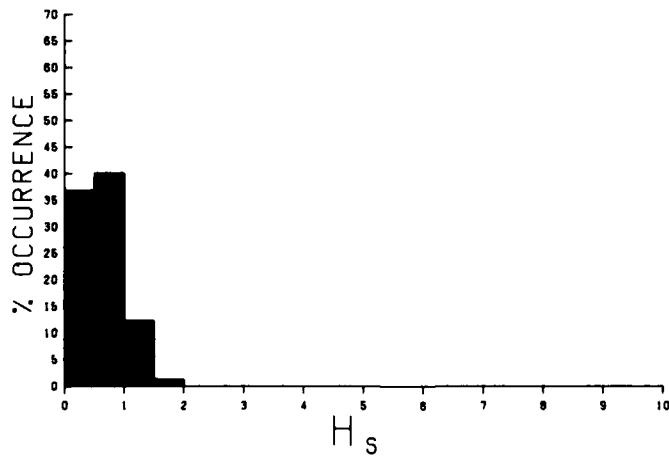
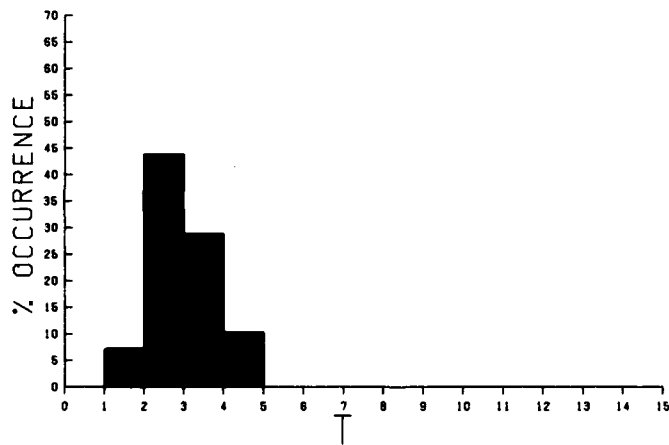
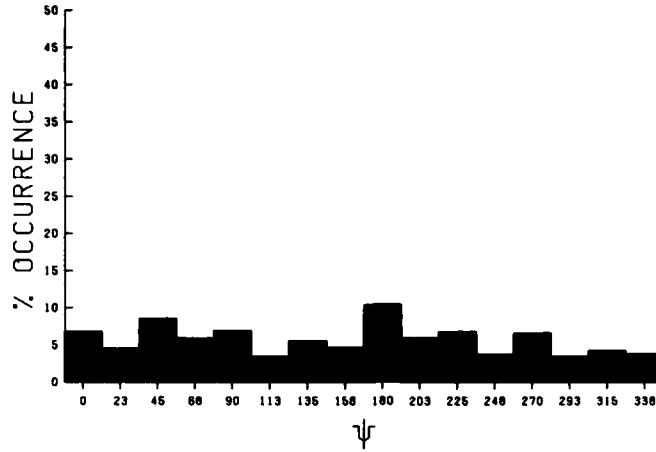
MAR. - MAY

14720 CASES



E370

STATION 23
 JUN. - AUG.
 14720 CASES

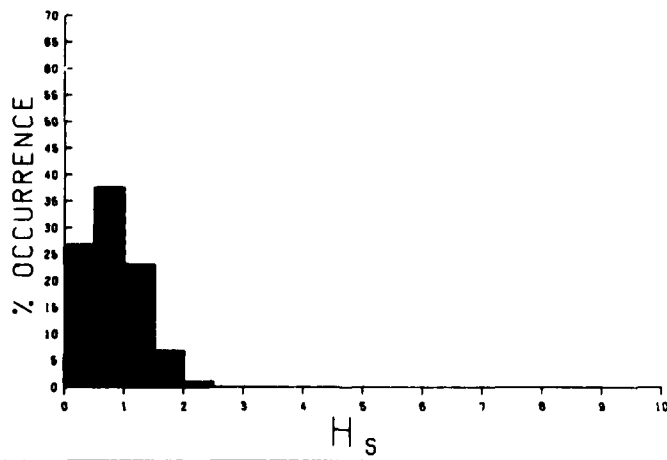
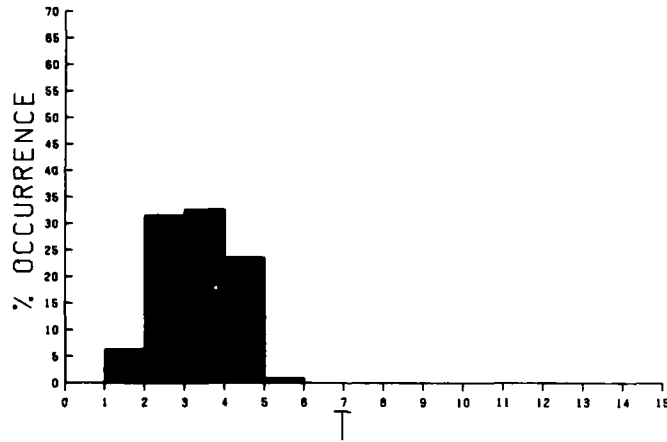
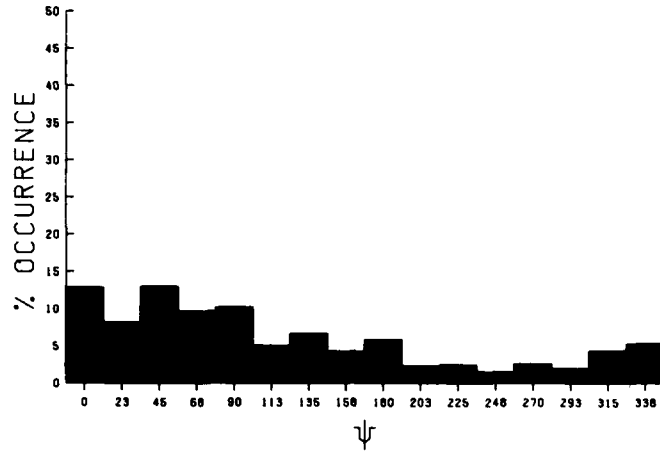


E371

STATION 23

SEP. - NOV.

14560 CASES

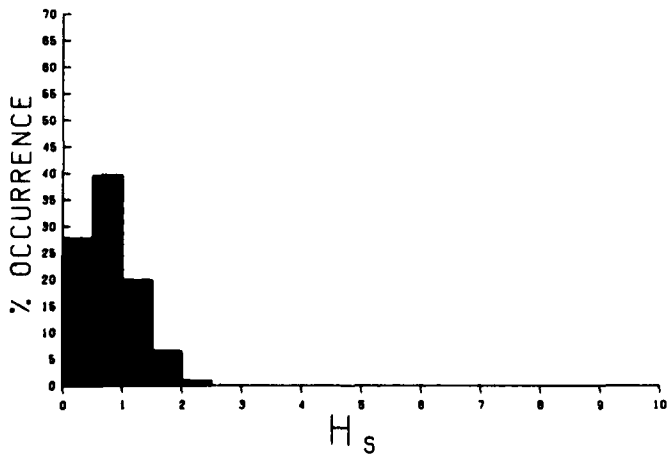
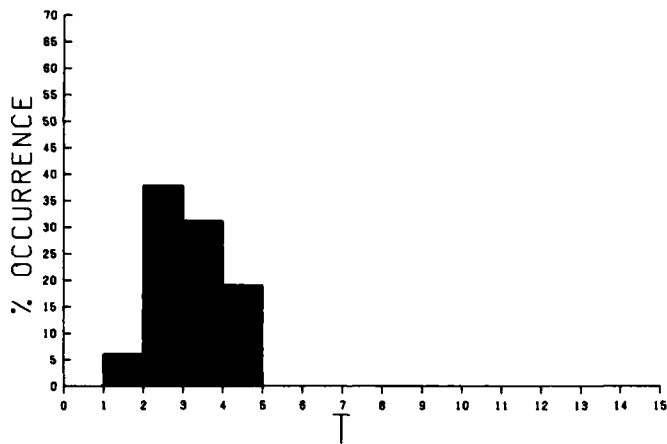
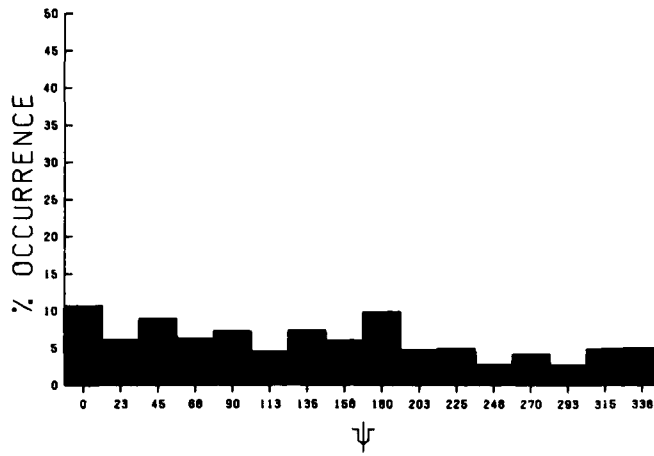


E372

STATION 23

JAN. - DEC.

58440 CASES



MEAN HS(FEET) BY MONTH AND YEAR

STATION 23

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
1956	0.9	0.7	0.7	0.6	0.5	0.5	0.5	0.4	0.6	0.7	0.6	0.5	0.6
1957	0.7	0.7	0.7	0.7	0.6	0.5	0.5	0.7	0.7	0.9	0.8	0.6	0.7
1958	0.9	0.9	0.9	0.8	0.8	0.6	0.6	0.6	0.7	1.1	1.0	1.1	0.8
1959	1.0	1.1	1.0	0.8	0.7	0.7	0.6	0.7	0.9	1.0	1.1	0.9	0.9
1960	1.0	1.1	1.1	0.8	0.7	0.7	0.7	0.5	0.9	0.7	0.9	1.0	0.8
1961	1.0	0.9	0.9	1.0	0.8	0.6	0.6	0.7	0.9	0.9	1.0	0.9	0.8
1962	1.0	0.9	1.1	0.8	0.7	0.6	0.5	0.5	0.6	0.6	0.8	0.8	0.7
1963	0.9	0.9	0.7	0.7	0.7	0.6	0.5	0.5	0.8	0.8	0.9	1.1	0.8
1964	0.9	1.0	1.0	0.9	0.7	0.7	0.6	0.6	0.8	1.0	0.9	1.0	0.8
1965	1.0	1.2	1.1	0.9	0.7	0.7	0.6	0.6	0.9	0.9	0.8	0.9	0.8
1966	1.1	1.0	0.9	1.0	0.9	0.7	0.6	0.5	0.5	0.8	0.7	0.8	0.8
1967	0.8	0.9	0.8	0.7	0.8	0.6	0.6	0.6	0.7	0.7	0.7	0.8	0.7
1968	0.8	0.9	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.7
1969	0.8	0.8	0.9	0.7	0.7	0.7	0.5	0.7	0.8	0.9	0.8	0.8	0.8
1970	0.9	0.8	0.8	0.7	0.7	0.5	0.5	0.4	0.7	0.8	0.8	0.8	0.7
1971	0.6	0.9	1.0	0.8	0.8	0.6	0.6	0.8	0.7	0.7	0.9	0.7	0.8
1972	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.7	0.9	0.8	0.7
1973	0.9	0.8	0.7	0.7	0.7	0.5	0.5	0.6	0.6	0.7	0.7	0.8	0.7
1974	0.7	0.8	0.8	0.8	0.6	0.6	0.5	0.5	0.8	0.8	0.7	0.6	0.7
1975	0.7	0.7	0.9	0.8	0.5	0.5	0.5	0.4	0.7	0.7	0.6	0.7	0.6
MEAN	0.9	0.9	0.9	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	

LARGEST HS(FEET) BY MONTH AND YEAR

STATION 23

MONTH

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1956	1.8	1.7	1.9	1.7	1.8	1.5	1.8	1.3	2.5	1.8	1.7	1.5
1957	1.8	1.8	1.7	1.8	1.9	1.7	1.6	1.8	1.8	1.8	2.3	2.0
1958	1.9	1.8	1.8	1.9	2.1	2.0	1.4	1.9	2.1	2.5	2.4	2.3
1959	2.4	2.3	2.3	2.0	1.8	1.9	1.7	1.8	2.5	2.3	2.8	2.6
1960	2.3	2.7	2.4	2.2	2.2	1.9	1.8	1.7	2.5	2.0	2.2	2.4
1961	2.4	2.5	2.3	2.5	2.2	1.8	1.5	2.0	2.2	2.5	2.2	2.2
1962	2.5	2.2	2.3	2.0	1.8	1.8	1.4	1.7	1.8	2.1	2.1	1.8
1963	2.0	2.3	1.8	1.9	1.8	1.7	1.4	1.4	2.0	3.0	2.3	2.4
1964	2.5	2.1	2.4	2.2	1.7	2.1	1.5	1.5	1.9	3.0	2.2	2.2
1965	2.4	2.3	2.2	2.2	1.8	1.7	1.4	1.4	1.9	2.1	1.8	2.1
1966	2.2	2.0	1.9	2.3	2.2	1.9	1.7	1.5	1.7	1.8	2.1	2.0
1967	2.2	2.3	2.1	2.0	2.2	1.7	1.5	1.8	1.9	1.7	2.1	2.0
1968	2.1	2.0	1.9	1.9	2.3	1.5	1.7	1.9	1.4	1.3	2.1	2.1
1969	2.0	2.2	1.9	1.7	1.8	2.0	1.7	2.6	1.8	2.0	2.2	1.9
1970	2.0	2.2	2.0	1.8	2.0	1.4	1.5	1.4	2.1	1.9	1.9	1.8
1971	1.8	2.1	1.9	2.0	1.8	1.5	1.7	1.7	2.0	1.7	1.9	2.1
1972	2.2	2.0	1.9	1.6	2.0	1.8	1.8	1.5	1.8	1.8	1.9	2.1
1973	1.8	2.0	1.8	1.6	1.6	1.4	1.4	1.7	1.8	1.8	2.0	2.1
1974	2.0	1.9	2.3	1.8	1.6	1.9	1.7	1.4	2.3	2.0	1.9	1.6
1975	2.0	1.8	1.9	1.9	1.4	1.4	1.4	1.3	2.3	1.6	2.0	2.0

LARGEST HS(FEET) FOR STATION 23 = 3.0

APPENDIX F: DURATION OF WAVES OVER
A SPECIFIED HEIGHT INFORMATION

1. Appendix F contains "over duration" data for all 23 Mississippi Sound stations. A discussion of the use of this table is given in the main text, including example.

Duration of Waves Under a Specified Height

Wave Height Class ft	Stations				
	1	2	3	4	5
	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}
	mx	mx	mx	mx	mx
Calm	3	3	3	3	3
<0.5	19	12	11	11	9
<1.0	105	53	37	37	24
<1.5	246	185	165	121	91
<2.0	299	273	932	236	186
<2.5	1,113	293	6,649	280	212
<3.0	8,178	294	53,218	293	214
<3.5	--	843	--	414	577
<4.0	--	2,809	--	1,157	1,619
<4.5	--	11,828	--	2,809	3,639
<5.0	--	--	--	7,384	11,828
<5.5	--	--	--	35,490	--
<6.0	--	--	--	--	--
<6.5	--	--	--	--	--
<7.0	--	--	--	--	--

F1

(Continued)

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

(Sheet 1 of 5)

Duration of Waves Under a Specified Height (Continued)

Wave Height Class ft	Stations									
	6		7		8		9		10	
	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx
Calm	3	3	3	3	6	9	6	9	5	9
<0.5	9	96	9	96	13	207	9	102	9	96
<1.0	24	492	24	321	32	405	26	408	26	408
<1.5	76	789	69	753	132	2,805	43	435	44	420
<2.0	176	3,084	153	2,244	986	7,917	50	492	50	420
<2.5	211	3,084	204	3,084	6,861	27,528	95	978	67	804
<3.0	292	3,111	581	6,165	39,822	52,101	291	3,111	162	2,028
<3.5	589	6,165	1,941	14,721	--	--	589	6,165	507	4,410
<4.0	1,650	17,769	8,178	35,484	--	--	1,650	17,769	1,715	17,769
<4.5	4,921	34,777	--	--	--	--	3,639	33,180	4,436	33,180
<5.0	11,828	35,484	--	--	--	--	14,194	35,484	--	--
<5.5	--	--	--	--	--	--	--	--	--	--
<6.0	--	--	--	--	--	--	--	--	--	--
<6.5	--	--	--	--	--	--	--	--	--	--
<7.0	--	--	--	--	--	--	--	--	--	--

(Continued)

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

Duration of Waves Under a Specified Height (Continued)

Wave Height Class ft	Stations					
	11	12	13	14	15	
	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}
	mx	mx	mx	mx	mx	mx
Calm	5	4	5	3	4	9
<0.5	11	11	10	9	9	141
<1.0	26	23	23	20	21	336
<1.5	86	39	76	72	45	1,314
<2.0	463	50	346	430	160	7,272
<2.5	2,749	66	3,190	3,130	1,880	32,424
<3.0	17,064	131	17,737	28,208	14,511	48,480
<3.5	--	359	119,469	--	119,469	--
<4.0	--	1,092	--	--	--	--
<4.5	--	67,710	133,329	--	--	--
<5.0	--	--	--	--	--	--
<5.5	--	--	--	--	--	--
<6.0	--	--	--	--	--	--
<6.5	--	--	--	--	--	--
<7.0	--	--	--	--	--	--

(Continued)

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

(Sheet 3 of 5)

Duration of Waves Under a Specified Height (Continued)

Wave Height Class ft	Stations														
	16			17			18			19			20		
	\bar{x}	mx	\bar{x}	\bar{x}	mx	\bar{x}	\bar{x}	mx	\bar{x}	\bar{x}	mx	\bar{x}	\bar{x}	mx	
Calm	3	3	4	9	3	6	4	9	4	9	4	4	6	6	
<0.5	9	141	10	111	9	138	9	93	9	93	8	8	66	66	
<1.0	21	333	27	504	22	354	25	444	25	444	24	24	855	855	
<1.5	55	1,467	48	975	58	1,224	75	1,476	75	1,476	51	51	1,701	1,701	
<2.0	106	1,635	105	1,653	111	2,073	113	2,073	113	2,073	74	74	2,091	2,091	
<2.5	122	1,635	1,409	11,451	125	2,073	125	2,073	125	2,073	165	165	2,727	2,727	
<3.0	123	1,635	12,582	34,509	243	2,955	169	2,727	169	2,727	545	545	7,656	7,656	
<3.5	169	2,727	19,909	34,509	834	9,609	549	7,656	549	7,656	3,183	3,183	24,342	24,342	
<4.0	361	5,193	119,469	119,469	5,172	24,342	2,010	23,283	2,010	23,283	29,864	29,864	44,727	44,727	
<4.5	1,257	12,858	--	--	23,890	39,285	19,343	39,285	19,343	39,285	119,469	119,469	119,469	119,469	
<5.0	3,242	24,342	--	--	39,821	45,663	29,865	44,727	29,865	44,727	--	--	--	--	
<5.5	22,567	48,369	--	--	119,469	119,469	119,469	119,469	119,469	119,469	--	--	--	--	
<6.0	28,316	44,727	--	--	--	--	--	--	--	--	--	--	--	--	
<6.5	84,957	84,957	--	--	--	--	--	--	--	--	--	--	--	--	
<7.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

(Continued)

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

Duration of Waves Under a Specified Height (Concluded)

Wave Height Class ft	21		22		23	
	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx
Calm	3	3	3	3	3	3
<0.5	9	120	8	66	9	78
<1.0	26	465	20	582	27	525
<1.5	106	2,142	41	1,083	103	3,810
<2.0	1,037	10,395	118	2,160	770	9,882
<2.5	12,796	40,569	514	5,334	11,943	42,666
<3.0	--	--	19,954	40,185	--	--
<3.5	--	--	119,469	119,469	--	--
<4.0	--	--	--	--	--	--
<4.5	--	--	--	--	--	--
<5.0	--	--	--	--	--	--
<5.5	--	--	--	--	--	--
<6.0	--	--	--	--	--	--
<6.5	--	--	--	--	--	--
<7.0	--	--	--	--	--	--

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

(Sheet 5 of 5)

APPENDIX G: DURATION OF WAVES UNDER
A SPECIFIED HEIGHT INFORMATION

1. Appendix G contains "under duration" data for all 23 Mississippi Sound stations. A discussion of the use of this table is given in the main text, including example.

Duration of Waves over a Specified Height

Wave Height Class ft	Stations							
	1	2	3	4	5	6	7	8
	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}	\bar{x}
	mx	mx	mx	mx	mx	mx	mx	mx
>0.5	9	117	14	14	16	14	12	9
>1.0	5	30	7	7	7	7	6	6
>1.5	4	18	5	6	5	5	5	5
>2.0	4	15	4	4	4	4	4	4
>2.5	4	15	4	4	4	4	4	4
>3.0	3	6	3	4	4	4	4	3
>3.5	--	--	--	4	4	4	4	--
>4.0	--	--	--	4	4	4	3	--
>4.5	--	--	--	4	4	4	3	--
>5.0	--	--	--	3	3	3	--	--
>5.5	--	--	--	3	3	--	--	--
>6.0	--	--	--	--	--	--	--	--
>6.5	--	--	--	--	--	--	--	--
>7.0	--	--	--	--	--	--	--	--

(Continued)

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

Duration of Waves over a Specified Height (Continued)

Wave Height Class ft	Stations															
	9	10	11	12	13	14	15	16	9	10	11	12	13	14	15	16
	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx
>0.5	14	189	13	225	13	210	13	237	16	237	17	297	16	306	17	261
>1.0	6	60	7	75	7	66	7	99	7	81	9	168	7	75	9	138
>1.5	5	33	5	27	5	51	5	57	5	54	7	75	5	54	6	60
>2.0	4	27	4	27	4	15	4	30	4	15	5	36	4	18	5	42
>2.5	4	18	4	21	4	9	4	21	4	9	5	12	4	9	4	21
>3.0	4	15	4	15	3	3	4	18	3	6	4	6	4	6	4	21
>3.5	4	15	4	15	---	---	4	15	3	3	---	---	3	3	4	18
>4.0	4	15	4	15	---	---	4	15	---	---	---	---	---	---	4	18
>4.5	4	9	4	15	---	---	3	3	---	---	---	---	---	---	4	15
>5.0	3	3	---	---	---	---	---	---	---	---	---	---	---	---	4	9
>5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	9
>6.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	4	6
>6.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	3	3
>7.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

(Continued)

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

(Sheet 2 of 3)

Duration of Waves over a Specified Height (Concluded)

Wave Height Class ft	Stations													
	17		18		19		20		21		22		23	
	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx	\bar{x}	mx
>0.5	13	189	14	273	14	195	15	195	18	261	21	351	18	255
>1.0	7	99	7	102	6	114	7	72	10	165	9	153	10	162
>1.5	5	39	5	60	5	54	5	57	7	54	5	57	8	78
>2.0	4	24	4	42	4	21	4	42	5	18	4	42	6	39
>2.5	4	15	4	21	4	21	4	18	4	6	4	9	3	6
>3.0	4	9	4	18	4	18	4	18	--	--	4	9	--	--
>3.5	3	3	4	15	4	18	4	9	--	--	3	3	--	--
>4.0	3	3	4	9	4	15	4	6	--	--	--	--	--	--
>4.5	--	--	4	9	4	9	3	3	--	--	--	--	--	--
>5.0	--	--	3	3	3	3	--	--	--	--	--	--	--	--
>5.5	--	--	3	3	3	3	--	--	--	--	--	--	--	--
>6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--
>6.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
>7.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Note: \bar{x} equals the mean duration in hours for the specified wave-height class; mx equals the maximum duration in hours for the specified wave-height class.

