

DAILY REPORT OF WAVES OBSERVATION

STATION : SOUTH NO.2

OCT. 5 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG)	
2	26	13.5	22	11.6	19	12.5	14	11.8	99	157 (SSE)	3.83	289 (WNW)	7.02
4	22	14.4	20	11.7	17	12.1	13	10.9	105	151 (SSE)	5.60	261 (W)	6.86
6	18	14.9	16	10.5	13	10.6	10	9.7	107	155 (SSE)	1.71	283 (WNW)	6.86
8	20	14.1	19	10.9	16	9.8	12	10.1	105	155 (SSE)	2.27	256 (WSW)	7.02
10	25	13.6	23	8.0	20	8.5	14	10.2	110	155 (SSE)	2.32	252 (WSW)	7.26
12	29	5.5	27	5.7	23	7.2	16	8.3	123	157 (SSE)	0.98	233 (S W)	7.29
14	26	13.3	23	11.3	19	10.5	14	10.9	105	155 (SSE)	1.50	292 (WNW)	7.07
16	18	13.5	17	11.9	15	10.8	11	11.2	100	154 (SSE)	2.25	14 (NNE)	6.82
18	22	14.7	18	12.1	15	11.9	11	11.5	95	152 (SSE)	7.83	329 (NNW)	6.77
20	19	13.8	17	12.9	15	11.4	11	10.8	97	153 (SSE)	2.51	284 (WNW)	6.96
22	27	12.0	23	9.9	20	10.8	14	11.5	98	154 (SSE)	3.64	275 (W)	7.25
24	34	11.9	28	8.5	24	8.7	16	10.9	107	153 (SSE)	2.68	277 (W)	7.36

OCT. 6 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG)	
2	28	13.5	24	9.3	21	9.1	15	9.8	115	155 (SSE)	2.00	259 (W)	7.16
4	18	14.3	18	12.1	16	12.6	12	11.0	101	153 (SSE)	3.63	302 (WNW)	6.90
6	18	14.0	16	13.5	14	12.5	10	11.6	96	152 (SSE)	3.46	313 (N W)	6.82
8	18	14.5	17	11.9	15	11.6	11	11.1	89	152 (SSE)	1.41	262 (W)	6.96
10	28	13.3	23	9.3	19	10.0	15	10.9	107	151 (SSE)	3.23	223 (S W)	7.22
12	32	14.4	29	10.2	26	10.3	18	11.0	105	151 (SSE)	1.18	298 (WNW)	7.35
14	37	15.3	30	11.3	25	12.4	19	11.4	101	150 (SSE)	2.60	253 (WSW)	7.16
16	25	14.5	22	14.1	19	12.4	14	11.5	89	153 (SSE)	5.66	270 (W)	6.85
18	22	20.5	20	14.2	17	12.9	12	12.4	85	154 (SSE)	5.30	280 (W)	6.67
20	18	12.3	16	12.9	14	12.3	11	11.9	93	153 (SSE)	2.81	320 (N W)	6.83
22	35	13.8	28	13.5	25	12.5	17	11.6	100	148 (SSE)	3.74	266 (W)	7.21
24	35	14.0	32	8.9	28	8.5	20	10.2	111	149 (SSE)	2.55	240 (WSW)	7.43

OCT. 7 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG)	
2	35	14.1	32	12.8	28	10.3	20	10.4	112	150 (SSE)	1.67	290 (WNW)	7.30
4	33	16.0	30	15.6	26	14.5	18	12.4	95	152 (SSE)	4.45	239 (WSW)	7.03
6	32	13.6	25	14.0	22	14.4	16	13.7	83	153 (SSE)	5.38	224 (S W)	6.82
8	25	17.5	22	13.4	18	12.8	13	11.4	99	151 (SSE)	3.53	303 (WNW)	6.87
10	28	13.8	25	12.8	22	12.1	16	10.8	103	149 (SSE)	1.83	284 (WNW)	7.16
12	45	13.2	34	14.0	28	12.8	20	11.3	103	149 (SSE)	1.92	19 (NNE)	7.34
14	40	14.9	37	13.7	33	14.0	24	12.4	95	149 (SSE)	3.92	221 (S W)	7.23
16	34	15.8	31	14.7	26	14.7	19	13.4	88	154 (SSE)	8.35	207 (SSW)	6.90
18	28	15.5	22	9.3	17	11.6	12	11.8	84	154 (SSE)	5.58	201 (SSW)	6.60
20	34	14.0	25	13.4	21	13.4	14	11.1	101	154 (SSE)	9.99	184 (S)	6.73
22	34	14.2	30	12.3	25	12.7	18	11.5	101	154 (SSE)	2.07	229 (S W)	7.08
24	45	13.4	38	8.3	32	8.9	23	9.1	126	153 (SSE)	3.96	177 (S)	7.42

DAILY REPORT OF WAVES OBSERVATION

STATION : SOUTH NO.2

OCT. 8 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	L/10 WAVE H (CM)	L/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	52	13.2	46	12.5	38	12.6	28	11.8	89	150 (SSE)	3.84	184 (S)	7.43
4	46	16.3	36	10.8	31	11.8	22	10.7	110	153 (SSE)	7.57	188 (S)	7.14
6	39	13.0	32	11.8	25	12.7	17	11.1	102	154 (SSE)	10.36	182 (S)	8.84
8	39	13.9	33	11.8	27	12.7	19	11.7	100	156 (SSE)	12.30	182 (S)	8.85
10	42	13.6	36	13.4	30	13.6	21	11.9	98	154 (SSE)	5.18	189 (S)	7.08
12	35	11.1	32	10.0	28	9.3	21	9.7	120	154 (SSE)	1.87	299 (WNW)	7.29
14	36	14.2	33	13.4	29	11.7	22	10.8	108	152 (SSE)	3.82	313 (NW)	7.26
16	39	14.1	34	12.4	28	13.0	19	11.4	102	154 (SSE)	7.69	189 (S)	6.95
18	24	17.0	22	10.0	19	11.5	13	11.6	90	154 (SSE)	5.60	201 (SSW)	6.59
20	20	15.0	20	11.3	17	12.8	12	11.5	84	153 (SSE)	7.03	184 (S)	6.58
22	35	13.6	30	11.1	26	11.7	19	10.6	110	155 (SSE)	6.98	176 (S)	6.97
24	48	14.5	43	11.6	35	11.0	25	9.7	122	152 (SSE)	7.18	231 (SW)	7.37

OCT. 9 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	L/10 WAVE H (CM)	L/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	49	12.9	45	9.1	39	10.0	28	9.3	124	153 (SSE)	0.97	311 (NW)	7.49
4	54	12.6	46	11.0	39	12.6	27	12.0	98	154 (SSE)	7.10	216 (SW)	7.26
6	30	14.6	28	14.5	25	13.2	18	11.6	100	151 (SSE)	5.70	255 (WSW)	6.91
8	29	13.2	24	11.3	20	12.4	14	11.2	100	154 (SSE)	4.80	207 (SSW)	6.80
10	33	11.9	31	12.7	26	12.3	18	10.7	109	152 (SSE)	7.42	179 (S)	6.97
12	36	12.0	34	12.1	30	10.5	22	8.9	118	151 (SSE)	5.44	271 (W)	7.23
14	41	11.3	37	11.3	33	11.2	24	10.7	109	152 (SSE)	3.45	345 (NNW)	7.31
16	32	14.0	29	12.1	25	12.0	19	11.1	103	152 (SSE)	5.56	240 (WSW)	7.03
18	21	12.0	19	10.6	17	11.7	12	11.3	96	156 (SSE)	6.12	190 (S)	6.61
20	25	20.3	17	13.3	13	13.4	9	12.0	65	156 (SSE)	4.33	214 (SW)	6.48
22	25	20.0	23	12.5	21	12.6	15	10.9	105	156 (SSE)	8.99	171 (S)	6.83
24	39	14.1	33	11.6	29	10.6	22	10.2	114	153 (SSE)	4.21	231 (SW)	7.26

OCT. 10 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	L/10 WAVE H (CM)	L/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	48	13.3	45	8.1	38	10.0	28	9.8	119	152 (SSE)	6.12	209 (SSW)	7.50
4	46	13.2	37	9.0	32	9.3	23	9.8	119	153 (SSE)	3.66	203 (SSW)	7.33
6	25	12.7	23	11.1	20	10.8	16	10.2	113	154 (SSE)	3.06	219 (SW)	6.96
8	27	14.5	22	12.7	19	11.8	14	10.5	105	154 (SSE)	9.04	182 (S)	6.78
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***

DAILY REPORT OF WAVES OBSERVATION

STATION : SOUTH NO.3

OCT. 2 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	6	30.0	6	24.8	5	20.6	4	15.1	40	80 (E)	1.78	356 (N)	5.21
18	6	25.7	6	23.6	6	19.9	4	18.5	25	78 (ENE)	2.91	71 (ENE)	5.25
20	9	29.0	7	25.6	6	23.0	5	17.2	47	88 (E)	3.54	301 (WNW)	5.26
22	6	26.5	6	23.0	5	22.8	4	19.0	31	76 (ENE)	4.78	278 (W)	5.20
24	7	26.5	6	27.5	5	24.8	5	17.2	24	82 (E)	4.58	276 (W)	5.13

OCT. 3 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	7	22.0	7	24.0	6	22.7	5	17.4	29	80 (E)	4.88	285 (WNW)	5.11
4	7	20.5	7	16.0	6	21.2	5	19.9	26	81 (E)	3.74	280 (W)	5.18
6	6	22.0	6	23.8	5	15.2	4	14.6	24	92 (E)	1.83	321 (N W)	5.26
8	6	22.3	6	16.6	5	16.6	5	14.9	44	81 (E)	1.48	356 (N)	5.39
10	6	27.5	6	18.9	5	18.2	5	15.2	41	95 (E)	1.31	13 (NNE)	5.44
12	6	30.0	6	25.6	5	21.5	5	16.4	44	82 (E)	0.86	3 (N)	5.34
14	7	28.5	6	25.1	6	20.8	5	16.5	31	92 (E)	2.64	26 (NNE)	5.21
16	6	29.0	6	29.0	5	20.5	4	18.2	29	77 (ENE)	2.57	47 (N E)	5.15
18	6	26.5	5	26.5	5	22.5	4	17.5	15	94 (E)	1.95	70 (ENE)	5.19
20	6	29.0	5	28.8	5	22.5	4	16.2	35	90 (E)	1.17	39 (N E)	5.27
22	6	15.5	5	20.7	5	18.5	4	15.4	35	98 (E)	0.88	3 (N)	5.31
24	8	18.5	8	19.3	7	19.3	5	17.3	43	102 (ESE)	3.50	269 (W)	5.25

OCT. 4 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	6	28.5	6	24.0	5	25.2	5	18.3	29	86 (E)	4.41	281 (W)	5.14
4	5	29.5	5	27.5	5	20.8	4	16.4	20	87 (E)	4.51	293 (WNW)	5.09
6	6	30.0	6	29.8	6	22.8	5	18.4	28	107 (ESE)	3.26	295 (WNW)	5.14
8	8	20.5	7	18.8	6	21.5	5	17.4	33	117 (ESE)	1.96	46 (N E)	5.32
10	5	29.5	5	28.3	5	22.2	5	17.1	27	105 (ESE)	2.40	13 (NNE)	5.44
12	7	29.8	7	16.7	6	20.8	5	15.3	52	108 (ESE)	3.08	277 (W)	5.41
14	5	29.5	5	27.9	5	18.9	4	15.4	32	102 (ESE)	4.74	278 (W)	5.25
16	8	19.5	7	22.5	6	24.8	5	20.9	25	101 (E)	3.74	294 (WNW)	5.08
18	6	24.5	6	25.3	5	19.3	4	18.6	25	102 (ESE)	3.27	107 (ESE)	5.08
20	6	30.0	6	25.8	5	24.0	5	19.5	45	98 (E)	1.60	353 (N)	5.26
22	8	20.0	8	18.8	7	18.0	5	15.2	45	100 (E)	1.80	286 (WNW)	5.43
24	8	19.5	7	23.3	7	18.0	5	17.5	51	101 (E)	2.92	301 (WNW)	5.43

DAILY REPORT OF WAVES OBSERVATION

STATION : SOUTH NO.3

OCT. 5 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	10	19.5	9	18.3	7	23.4	5	19.0	40	105 (ESE)	3.57	288 (WNW)	5.26
4	7	29.0	7	26.2	6	23.5	5	17.1	30	90 (E)	4.39	289 (WNW)	5.10
6	5	27.8	5	27.4	5	22.8	4	19.3	20	83 (E)	1.43	36 (N E)	5.10
8	5	27.0	5	26.0	5	22.7	5	18.7	22	109 (ESE)	2.21	35 (N E)	5.27
10	9	13.5	8	16.5	6	17.8	5	15.7	40	97 (E)	2.47	317 (N W)	5.50
12	9	21.0	8	17.0	7	17.6	6	16.2	53	65 (ENE)	2.03	318 (N W)	5.53
14	6	27.0	6	23.7	5	24.6	5	20.1	31	101 (E)	2.85	283 (WNW)	5.30
16	6	27.5	6	27.5	5	24.9	4	21.9	18	83 (E)	2.38	297 (WNW)	5.06
18	6	20.5	6	18.2	6	18.2	4	18.9	19	64 (ENE)	4.48	266 (W)	5.00
20	6	30.0	6	24.2	5	19.9	4	18.7	30	97 (E)	3.43	45 (N E)	5.20
22	8	18.5	7	15.9	6	18.8	5	15.4	50	61 (ENE)	4.81	281 (W)	5.49
24	10	19.5	10	18.9	9	18.1	7	16.4	59	39 (N E)	1.33	294 (WNW)	5.61

OCT. 6 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	10	16.5	9	15.0	7	15.6	6	15.7	41	82 (E)	1.34	306 (N W)	5.40
4	8	18.0	8	19.5	7	20.5	5	18.8	33	68 (ENE)	2.73	294 (WNW)	5.14
6	9	22.0	7	21.5	6	23.8	6	20.3	25	66 (ENE)	1.85	330 (NNW)	5.06
8	9	28.5	8	22.0	7	21.6	5	19.3	31	61 (ENE)	1.60	48 (N E)	5.21
10	9	18.5	9	18.4	8	17.1	6	16.9	44	70 (ENE)	2.69	29 (NNE)	5.46
12	12	18.0	10	18.2	9	17.2	6	16.0	62	62 (ENE)	2.38	293 (WNW)	5.59
14	13	19.7	11	18.9	8	17.2	6	16.1	64	72 (ENE)	4.75	278 (W)	5.40
16	11	23.5	10	18.5	8	19.3	6	17.0	31	52 (N E)	5.35	280 (W)	5.08
18	8	18.5	7	20.8	6	23.5	5	21.5	23	75 (ENE)	4.89	286 (WNW)	4.80
20	6	20.0	6	24.8	5	25.6	4	21.2	21	80 (E)	1.34	319 (N W)	5.07
22	10	20.0	9	17.5	7	17.2	5	15.6	53	72 (ENE)	3.63	296 (WNW)	5.45
24	16	14.5	12	13.2	10	14.9	7	14.8	64	71 (ENE)	1.55	311 (N W)	5.67

OCT. 7 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	11	22.0	10	20.5	9	18.9	7	15.7	58	75 (ENE)	1.94	317 (N W)	5.54
4	13	20.7	10	18.9	8	16.2	6	15.5	52	83 (E)	5.30	276 (W)	5.26
6	8	16.0	8	13.7	7	19.8	5	16.5	23	70 (ENE)	5.02	281 (W)	5.06
8	9	21.0	9	20.0	7	22.1	5	19.9	29	72 (ENE)	3.33	301 (WNW)	5.11
10	8	18.0	8	20.0	7	19.6	6	17.1	37	85 (E)	3.04	40 (N E)	5.40
12	13	30.0	12	20.5	10	17.9	7	15.1	66	85 (E)	1.06	297 (WNW)	5.59
14	12	16.5	11	18.2	9	17.8	7	15.0	65	104 (ESE)	5.30	281 (W)	5.46
16	12	18.8	10	18.3	8	18.1	6	17.1	43	77 (ENE)	7.85	270 (W)	5.13
18	***	***	***	***	***	***	***	***	***	***	***	***	4.82
20	10	24.5	9	26.3	7	25.7	5	19.7	20	78 (ENE)	7.65	273 (W)	4.96
22	11	30.0	10	25.3	9	20.9	6	17.9	45	85 (E)	4.26	277 (W)	5.33
24	13	19.2	12	17.6	10	17.3	8	14.4	63	80 (E)	1.84	51 (N E)	5.66

DAILY REPORT OF WAVES OBSERVATION

STATION : SOUTH NO.3

OCT. 8 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	16	11.8	14	17.0	12	15.7	8	13.3	81	72 (ENE)	4.69	272 (W)	5.67
4	11	28.5	10	20.9	9	18.0	5	14.3	53	82 (E)	6.20	274 (W)	5.38
6	8	28.5	8	21.9	7	20.9	5	18.3	31	79 (E)	7.02	274 (W)	5.07
8	11	28.0	10	26.9	8	22.4	6	18.7	44	85 (E)	7.18	268 (W)	5.09
10	10	17.5	10	22.0	9	20.3	7	15.3	44	101 (E)	6.66	266 (W)	5.32
12	13	20.0	11	17.6	10	16.3	7	12.7	70	60 (ENE)	5.19	274 (W)	5.53
14	13	16.5	11	19.1	9	16.0	6	13.5	67	92 (E)	4.19	286 (WNW)	5.50
16	12	14.0	10	22.0	9	17.2	7	15.2	50	84 (E)	7.33	269 (W)	5.18
18	6	28.5	6	28.5	6	24.2	5	21.3	16	94 (E)	8.55	269 (W)	4.81
20	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	4.81
22	10	21.0	10	19.1	9	16.7	6	16.1	39	86 (E)	4.81	271 (W)	5.21
24	14	19.5	13	18.4	11	16.0	8	13.2	68	83 (E)	9.17	263 (W)	5.62

OCT. 9 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	20	11.0	16	14.9	13	14.1	9	12.0	89	78 (ENE)	6.86	268 (W)	5.74
4	14	28.5	13	21.4	10	17.4	8	14.0	66	110 (ESE)	6.58	268 (W)	5.49
6	10	28.5	10	24.8	8	18.9	6	17.7	35	94 (E)	6.18	274 (W)	5.15
8	9	22.0	9	21.0	7	25.6	5	21.5	20	88 (E)	3.54	289 (WNW)	5.03
10	10	28.5	10	27.7	8	21.2	6	18.5	37	93 (E)	4.86	278 (W)	5.21
12	9	24.5	9	15.5	8	14.2	6	12.9	55	72 (ENE)	6.14	272 (W)	5.47
14	14	24.5	12	18.1	10	14.5	7	12.4	78	92 (E)	4.34	280 (W)	5.55
16	10	18.7	9	14.4	7	21.8	6	15.7	33	89 (E)	5.78	275 (W)	5.27
18	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	4.84
20	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	4.71
22	10	26.5	9	23.0	7	22.7	5	19.3	27	83 (E)	5.84	273 (W)	5.08
24	13	24.5	12	12.7	10	16.6	7	14.5	60	86 (E)	6.46	270 (W)	5.50

OCT. 10 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	18	9.0	15	10.7	13	11.1	9	10.6	101	57 (ENE)	8.28	264 (W)	5.75
4	15	14.5	14	15.4	11	14.1	8	12.0	89	65 (ENE)	5.39	266 (W)	5.58
6	9	23.0	8	15.1	7	19.7	6	17.0	40	91 (E)	4.56	277 (W)	5.20
8	9	18.0	9	18.3	7	23.8	5	18.2	23	84 (E)	5.07	278 (W)	5.01
10	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
12	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
14	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
16	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
18	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
20	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
22	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***
24	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.1

OCT. 10 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	15	13.8	13	14.7	10	10.5	7	9.5	68	257 (WSW)	9.26	272 (W)	1.82
18	31	2.5	26	2.3	20	3.2	13	5.1	221	281 (W)	5.35	37 (NE)	2.24
20	15	9.2	14	6.3	11	7.5	8	7.0	158	300 (WNW)	12.34	15 (NNE)	2.06
22	15	9.0	14	5.0	12	5.8	9	6.5	154	284 (W)	5.27	12 (NNE)	2.28
24	16	6.0	14	5.5	11	7.5	8	6.9	156	236 (S W)	5.96	215 (S W)	2.70

OCT. 11 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	19	10.5	16	7.0	13	7.8	9	7.7	147	193 (SSW)	5.88	221 (S W)	3.00
4	17	7.2	14	9.5	12	8.5	9	7.7	146	281 (W)	3.55	358 (N)	2.91
6	42	2.5	34	2.4	25	3.1	16	4.4	254	266 (W)	1.02	305 (N W)	2.60
8	16	9.3	13	5.8	13	5.6	10	5.9	180	286 (WNW)	0.45	207 (SSW)	2.38
10	22	12.2	19	6.1	14	6.7	9	6.9	159	297 (WNW)	5.90	207 (SSW)	2.46
12	18	8.5	18	4.0	15	5.8	11	6.2	176	269 (W)	9.03	189 (S)	2.70
14	17	5.8	15	5.5	12	5.9	9	6.6	164	237 (WSW)	11.26	199 (SSW)	2.82
16	14	7.0	13	7.2	11	7.5	8	7.2	151	346 (NNW)	2.14	58 (ENE)	2.70
18	26	3.2	20	2.5	15	4.1	10	5.3	212	298 (WNW)	4.00	19 (NNE)	2.34
20	13	9.5	11	4.7	10	6.2	7	6.7	158	294 (WNW)	1.43	216 (S W)	2.10
22	13	9.5	11	8.2	9	8.0	7	7.5	141	306 (N W)	6.13	20 (NNE)	2.21
24	13	12.8	10	11.8	8	10.7	6	10.2	102	253 (WSW)	2.27	227 (S W)	2.62

OCT. 12 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	14	8.1	12	7.2	10	10.1	8	9.2	119	241 (WSW)	4.29	216 (S W)	2.94
4	20	10.0	15	6.0	12	7.0	8	7.7	140	256 (WSW)	4.95	19 (NNE)	2.96
6	58	1.8	44	2.0	32	2.3	18	4.7	244	258 (WSW)	3.50	217 (S W)	2.71
8	42	2.1	31	2.2	22	2.7	14	4.6	240	283 (WNW)	1.19	230 (S W)	2.45
10	50	2.2	37	2.2	26	2.6	16	4.2	278	264 (W)	8.84	203 (SSW)	2.42
12	12	11.0	12	4.7	10	6.7	8	7.0	148	245 (WSW)	7.36	211 (SSW)	2.63
14	16	6.0	14	6.7	12	7.4	8	7.0	153	255 (WSW)	4.59	37 (N E)	2.80
16	48	2.0	34	2.2	24	2.5	15	4.5	248	238 (WSW)	4.56	30 (NNE)	2.73
18	40	2.2	30	2.4	22	2.9	14	4.3	262	251 (WSW)	2.23	219 (S W)	2.43
20	19	9.0	17	3.3	14	4.7	10	5.3	212	295 (WNW)	4.31	34 (N E)	2.16
22	19	3.4	16	3.2	13	4.0	9	5.4	197	282 (WNW)	1.09	222 (S W)	2.20
24	20	3.9	18	2.6	14	4.0	10	5.4	198	236 (S W)	5.52	213 (SSW)	2.51

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.1

OCT. 13 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	24	3.3	21	2.6	16	4.3	11	5.8	180	239 (WSW)	1.92	206 (SSW)	2.83
4	54	2.1	36	2.4	27	2.7	16	4.4	262	244 (WSW)	5.28	14 (NNE)	2.91
6	47	2.3	34	2.6	27	2.8	16	4.5	251	247 (WSW)	9.46	204 (SSW)	2.72
8	61	2.0	41	2.3	30	2.6	19	3.8	306	255 (WSW)	2.72	213 (SSW)	2.49
10	64	2.0	43	2.0	30	2.5	19	3.8	304	263 (W)	6.88	205 (SSW)	2.42
12	51	4.2	29	2.7	21	3.2	14	2.45	252	245 (WSW)	9.73	206 (SSW)	2.57
14	45	2.5	33	2.6	25	3.1	16	4.5	254	240 (WSW)	10.03	26 (NNE)	2.74
16	56	2.2	39	2.6	29	2.9	18	4.1	286	243 (WSW)	2.29	41 (N E)	2.72
18	60	1.9	46	2.1	34	2.4	20	3.8	308	267 (W)	6.19	26 (NNE)	2.52
20	41	1.8	33	2.0	25	2.4	15	4.1	277	270 (W)	2.40	214 (S W)	2.29
22	15	7.8	14	4.2	11	5.5	8	5.7	188	269 (W)	1.77	209 (SSW)	2.26
24	13	4.8	12	5.6	9	6.2	7	7.1	156	277 (W)	5.63	23 (NNE)	2.44

OCT. 14 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	11	9.5	10	9.3	9	7.9	7	8.6	127	262 (W)	10.67	1 (N)	2.69
4	18	8.7	15	5.4	12	5.9	9	6.7	166	239 (WSW)	11.92	30 (NNE)	2.84
6	16	10.5	14	4.9	12	5.4	9	6.4	166	243 (WSW)	6.83	20 (NNE)	2.78
8	42	4.0	32	2.5	23	3.0	14	4.9	227	231 (S W)	0.79	286 (WNW)	2.60
10	65	1.8	43	2.1	31	2.3	18	3.8	300	246 (WSW)	5.16	24 (NNE)	2.49
12	37	2.4	30	2.5	22	3.0	14	4.5	246	250 (WSW)	7.16	16 (NNE)	2.55
14	18	8.6	15	4.1	13	5.5	10	5.5	188	248 (WSW)	1.78	262 (W)	2.66
16	26	3.0	23	3.0	18	3.7	12	5.3	212	246 (WSW)	5.94	215 (S W)	2.65
18	31	3.3	26	2.6	20	3.1	13	4.5	250	250 (WSW)	10.24	207 (SSW)	2.54
20	12	12.3	11	6.3	10	6.7	8	6.4	166	261 (W)	1.96	11 (N)	2.39
22	13	8.2	11	7.5	9	7.9	7	8.0	134	306 (N W)	14.58	20 (NNE)	2.28
24	11	8.5	10	7.2	8	8.5	6	8.6	126	341 (NNW)	28.78	21 (NNE)	2.37

OCT. 15 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	46	2.2	40	2.0	26	2.9	14	5.1	210	259 (W)	7.90	213 (SSW)	2.61
4	14	8.6	13	5.5	11	7.2	8	6.9	152	246 (WSW)	18.12	27 (NNE)	2.75
6	16	6.9	14	4.4	11	7.0	8	7.4	149	251 (WSW)	7.10	204 (SSW)	2.75
8	14	5.1	13	6.7	11	6.2	8	6.7	162	249 (WSW)	4.54	205 (SSW)	2.64
10	56	2.0	42	2.1	32	2.3	19	3.7	310	233 (S W)	8.44	205 (SSW)	2.54
12	53	2.1	39	2.5	26	2.8	16	4.2	273	282 (WNW)	1.28	352 (N)	2.56
14	39	3.4	31	2.4	21	3.2	13	4.8	231	317 (N W)	16.38	25 (NNE)	2.61
16	68	1.9	50	2.1	36	2.3	20	3.9	284	291 (WNW)	8.61	21 (NNE)	2.83
18	84	2.0	63	2.0	49	2.3	28	3.3	347	263 (W)	8.85	207 (SSW)	2.59
20	58	2.2	45	2.2	33	2.4	20	3.6	322	263 (W)	2.61	208 (SSW)	2.50
22	54	2.1	41	2.3	31	2.5	20	3.5	330	256 (WSW)	5.18	22 (NNE)	2.45
24	43	2.1	31	2.0	21	2.7	12	4.7	238	291 (WNW)	11.05	21 (NNE)	2.47

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.1

OCT. 16 1991

OBS. TIME	MAX. WAVE		L/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER (M)	
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)		(DEG)	(16DIR)	(CM/S)	(DEG)		(16DIR)
2	62	1.9	35	2.2	25	2.4	15	4.4	256	280	(WNW)	4.91	323	(N W)	2.54
4	67	2.1	53	2.1	38	2.3	23	3.4	336	259	(W)	18.58	19	(NNE)	2.70
6	25	3.3	16	4.0	16	4.0	10	5.1	225	250	(WSW)	7.02	42	(N E)	2.75
8	20	4.0	17	4.2	13	5.3	9	6.2	181	248	(WSW)	6.06	203	(SSW)	2.73
10	12	8.0	11	4.0	10	5.7	7	6.3	155	246	(WSW)	2.78	208	(SSW)	2.65
12	27	4.9	21	3.9	14	5.7	9	6.9	162	291	(WNW)	9.87	19	(NNE)	2.61
14	76	2.6	54	2.4	41	2.7	27	3.4	342	254	(WSW)	8.52	21	(NNE)	2.61
16	32	3.1	22	3.0	17	3.4	11	5.0	224	254	(WSW)	0.94	28	(NNE)	2.61
18	9	18.7	8	11.8	7	12.2	6	10.9	93	274	(W)	2.36	233	(S W)	2.59
20	8	13.5	7	12.4	6	13.2	5	11.3	84	291	(WNW)	1.01	78	(ENE)	2.58
22	8	13.0	7	10.4	6	10.7	5	10.9	91	239	(WSW)	3.33	15	(NNE)	2.56
24	55	1.8	37	1.9	24	2.4	12	5.7	185	282	(WNW)	3.15	214	(S W)	2.53

OCT. 17 1991

OBS. TIME	MAX. WAVE		L/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER (M)	
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)		(DEG)	(16DIR)	(CM/S)	(DEG)		(16DIR)
2	60	1.7	41	2.0	31	2.2	17	4.0	276	287	(WNW)	0.85	40	(N E)	2.55
4	26	2.4	23	2.3	18	3.2	11	5.7	192	304	(N W)	16.42	12	(NNE)	2.63
6	62	1.9	46	2.0	34	2.2	18	4.1	271	262	(W)	20.11	20	(NNE)	2.71
8	70	2.0	49	2.0	36	2.3	20	3.9	278	272	(W)	8.15	17	(NNE)	2.76
10	75	1.9	47	2.0	31	2.2	16	4.6	244	267	(W)	8.20	214	(S W)	2.72
12	88	2.0	50	2.0	38	2.2	22	3.4	336	293	(WNW)	9.70	206	(SSW)	2.63
14	71	4.5	50	2.3	32	2.4	17	4.4	249	358	(N)	11.36	205	(SSW)	2.57
16	60	1.7	43	2.0	30	2.1	16	4.2	248	291	(WNW)	1.38	276	(W)	2.55
18	41	1.9	28	2.1	21	2.4	12	4.8	213	314	(N W)	6.85	23	(NNE)	2.54
20	8	13.0	8	8.7	7	9.2	6	8.6	101	240	(WSW)	6.81	201	(SSW)	2.59
22	9	12.0	8	8.7	7	10.9	6	10.1	98	312	(N W)	3.70	223	(S W)	2.63
24	6	25.0	6	17.6	5	19.7	5	14.7	56	275	(W)	2.70	221	(S W)	2.57

OCT. 18 1991

OBS. TIME	MAX. WAVE		L/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER (M)	
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)		(DEG)	(16DIR)	(CM/S)	(DEG)		(16DIR)
2	10	10.2	9	4.8	8	7.8	6	8.8	119	323	(N W)	4.17	27	(NNE)	2.53
4	7	15.0	7	9.4	6	13.7	5	11.5	74	233	(S W)	3.40	8	(N)	2.55
6	9	11.0	7	6.2	6	13.3	5	11.3	88	259	(W)	8.20	27	(NNE)	2.63
8	9	9.3	8	5.9	7	9.9	5	10.1	98	283	(WNW)	0.89	12	(NNE)	2.75
10	37	4.7	24	3.2	16	4.3	9	7.9	123	311	(N W)	9.08	211	(SSW)	2.77
12	8	14.0	8	8.7	6	12.9	5	12.1	74	266	(W)	2.22	217	(S W)	2.68
14	7	16.5	6	18.5	6	15.8	4	12.5	68	352	(WSW)	4.83	221	(S W)	2.54
16	6	11.5	6	11.4	5	12.6	4	11.3	71	352	(N)	8.61	22	(NNE)	2.46
18	8	11.0	8	7.5	7	7.1	5	8.9	103	344	(WNW)	1.88	39	(N E)	2.49
20	60	1.8	41	2.0	29	2.1	15	5.2	198	6	(N)	6.47	198	(SSW)	2.60
22	8	10.0	7	9.6	6	12.7	5	10.8	92	324	(N W)	6.50	211	(SSW)	2.71
24	8	14.5	7	12.0	6	15.6	5	12.0	69	252	(WSW)	4.55	30	(NNE)	2.68

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.1

OCT. 19 1981

OBS. TIME	MAX. WAVE		L/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)		CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			VELOCITY	DIRECTION		
2	10	13.4	7	10.0	6	14.7	4	13.1	57	232 (S W)	7.18	20 (NNE)	2.56	
4	6	18.5	6	18.6	5	16.1	4	14.3	46	329 (NNW)	9.60	17 (NNE)	2.47	
6	7	19.5	7	10.2	6	8.8	5	9.9	98	350 (N)	15.44	22 (NNE)	2.53	
8	62	1.9	36	2.2	26	2.3	13	5.3	200	230 (S W)	3.75	49 (N E)	2.71	
10	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
12	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
14	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
16	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
18	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
20	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
22	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
24	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.2

OCT. 10 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	22	12.0	18	10.9	14	11.2	10	10.9	106	256 (WSW)	8.38	7 (N)	2.62
18	28	10.8	24	7.0	20	6.8	14	6.4	176	285 (W)	3.92	358 (N)	2.22
20	26	10.6	20	8.3	16	8.3	11	7.6	150	274 (W)	5.62	356 (N)	2.04
22	34	11.9	28	7.7	23	8.4	16	7.6	151	261 (W)	2.91	341 (NNW)	2.26
24	28	11.8	25	5.5	21	7.9	15	7.4	157	221 (S W)	11.62	200 (SSW)	2.68

OCT. 11 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	26	13.8	22	11.9	19	11.4	13	9.5	120	203 (SSW)	3.42	225 (S W)	2.99
4	27	10.5	23	12.2	19	11.5	13	9.4	122	195 (SSW)	3.13	313 (N W)	2.90
6	31	9.2	28	4.0	24	5.0	17	5.5	204	238 (S W)	2.97	271 (W)	2.59
8	33	11.0	24	8.9	19	8.2	13	8.4	137	263 (W)	7.60	216 (S W)	2.36
10	31	11.1	26	10.8	21	9.6	15	8.0	144	243 (WSW)	17.06	200 (SSW)	2.44
12	29	12.7	26	6.5	20	7.6	14	7.2	156	244 (WSW)	14.16	220 (S W)	2.68
14	17	10.7	16	7.8	13	8.4	10	7.5	148	261 (W)	22.34	199 (SSW)	2.80
16	19	8.9	15	7.2	12	7.8	9	7.4	147	264 (W)	8.57	268 (W)	2.69
18	24	10.2	20	9.1	17	8.9	11	7.7	146	261 (W)	3.79	230 (S W)	2.33
20	20	11.3	16	7.4	13	8.5	9	7.8	141	275 (W)	2.57	235 (S W)	2.08
22	21	11.5	18	9.8	14	10.0	10	8.8	126	282 (WNW)	3.62	339 (NNW)	2.20
24	22	13.0	19	11.4	15	11.4	10	10.0	111	206 (SSW)	4.67	237 (WSW)	2.60

OCT. 12 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	24	10.3	19	11.5	15	11.0	10	9.5	119	204 (SSW)	4.69	213 (SSW)	2.93
4	27	9.2	21	9.8	17	10.1	12	8.9	128	208 (SSW)	7.36	350 (N)	2.95
6	28	10.8	25	3.8	20	5.9	14	6.2	182	239 (WSW)	8.95	210 (SSW)	2.70
8	32	11.1	25	8.1	20	8.0	14	7.4	155	260 (W)	5.30	227 (S W)	2.44
10	27	8.8	24	6.6	20	6.9	14	6.2	178	258 (WSW)	19.58	188 (SSW)	2.41
12	30	9.9	22	9.9	19	8.0	13	7.7	150	209 (SSW)	17.01	197 (SSW)	2.61
14	22	10.0	20	6.0	17	6.9	12	7.2	153	224 (S W)	8.03	211 (SSW)	2.79
16	25	9.0	23	5.5	20	6.6	14	6.8	162	220 (S W)	2.86	352 (N)	2.73
18	27	10.9	25	4.0	20	5.6	14	5.7	193	236 (S W)	6.10	216 (S W)	2.43
20	19	9.7	17	4.9	14	5.7	10	5.9	186	278 (W)	2.51	269 (W)	2.16
22	25	12.6	20	6.9	16	6.3	11	6.0	187	281 (W)	2.36	308 (N W)	2.20
24	31	9.8	27	5.6	23	6.4	16	6.3	179	225 (S W)	4.43	240 (WSW)	2.52

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.2

OCT. 13 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S) (16DIR)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	27	10.8	24	5.2	20	6.2	14	6.2	178	228 (S W)	6.70	341 (NNW)	2.83
4	27	8.1	25	4.7	21	5.2	15	6.1	185	242 (WSW)	4.83	334 (NNW)	2.92
6	33	9.6	31	4.7	27	4.8	19	5.0	227	225 (S W)	16.82	212 (SSW)	2.72
8	35	9.9	30	3.4	25	5.2	17	5.7	200	248 (WSW)	5.55	232 (S W)	2.50
10	31	9.8	28	5.8	24	5.8	17	5.7	196	270 (W)	7.78	211 (SSW)	2.43
12	25	10.1	23	6.0	20	6.2	15	6.1	184	233 (S W)	20.22	194 (SSW)	2.57
14	33	9.3	28	6.3	23	6.0	17	5.9	192	224 (S W)	10.13	4 (N)	2.75
16	77	2.1	47	2.4	34	2.8	21	4.5	258	235 (S W)	4.14	325 (N W)	2.73
18	60	2.2	49	2.2	34	2.9	21	4.9	239	248 (WSW)	2.79	342 (NNW)	2.53
20	21	10.0	20	4.1	17	5.9	12	6.0	174	268 (W)	11.30	207 (SSW)	2.30
22	16	10.4	15	5.2	14	5.3	10	6.0	161	263 (W)	4.82	232 (S W)	2.26
24	21	10.3	19	9.2	16	9.4	12	8.3	138	260 (W)	10.33	356 (N)	2.44

OCT. 14 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S) (16DIR)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	21	11.6	18	9.4	15	9.9	10	9.2	119	214 (S W)	21.10	3 (N)	2.69
4	25	10.7	21	8.6	17	8.6	12	7.7	146	219 (S W)	8.03	287 (WNW)	2.84
6	24	9.4	21	7.3	18	7.0	13	7.0	162	227 (S W)	9.69	207 (SSW)	2.79
8	62	3.8	43	2.4	30	4.0	19	5.6	208	236 (S W)	6.34	240 (WSW)	2.61
10	27	9.8	25	5.0	22	5.2	16	5.2	204	236 (S W)	3.81	229 (S W)	2.50
12	29	6.5	26	6.0	22	5.8	16	5.7	196	228 (S W)	14.03	202 (SSW)	2.56
14	21	6.0	20	3.9	17	5.2	12	5.8	180	237 (WSW)	15.76	203 (SSW)	2.66
16	35	3.1	28	2.4	20	4.1	13	5.2	213	243 (WSW)	23.21	197 (SSW)	2.65
18	36	3.4	28	2.6	21	4.0	14	5.4	210	246 (WSW)	20.01	197 (SSW)	2.54
20	24	10.6	21	7.7	18	8.1	12	7.3	154	266 (W)	2.32	257 (WSW)	2.40
22	17	10.2	14	11.2	12	10.6	8	9.0	126	286 (WNW)	17.47	6 (N)	2.30
24	24	10.0	17	9.8	13	10.3	9	9.5	121	290 (WNW)	23.48	5 (N)	2.39

OCT. 15 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S) (16DIR)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	22	9.1	19	8.4	16	7.7	11	6.7	164	238 (WSW)	13.06	204 (SSW)	2.61
4	22	9.4	19	6.1	15	6.8	11	7.0	155	225 (S W)	6.76	221 (S W)	2.76
6	25	7.8	21	6.4	17	7.9	12	7.4	152	216 (S W)	11.10	205 (SSW)	2.76
8	27	11.0	20	6.5	16	7.0	11	6.7	167	235 (S W)	7.38	214 (S W)	2.65
10	40	2.5	34	2.3	26	3.2	17	4.9	228	221 (S W)	8.79	209 (SSW)	2.54
12	42	4.0	32	3.0	25	4.1	16	5.0	233	252 (WSW)	8.83	214 (S W)	2.56
14	32	4.2	28	2.8	22	4.8	14	5.9	188	260 (W)	12.63	359 (N)	2.62
16	22	8.7	21	4.5	17	4.9	12	6.0	176	288 (WNW)	12.98	3 (N)	2.63
18	80	2.2	57	2.2	41	2.4	24	3.9	298	272 (W)	15.22	204 (SSW)	2.60
20	37	2.9	33	2.4	26	3.8	18	4.7	233	267 (W)	5.66	215 (S W)	2.50
22	36	2.8	31	2.9	25	3.7	17	5.0	227	262 (W)	2.70	343 (NNW)	2.46
24	23	4.6	21	3.1	16	6.1	11	6.5	169	280 (W)	10.72	2 (N)	2.48

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.2

OCT. 16 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	22	8.8	19	8.4	16	7.1	12	7.1	152	263 (W)	24.46	7 (N)	2.54
4	52	2.3	41	2.2	30	2.9	17	4.9	229	267 (W)	11.59	228 (S W)	2.71
6	30	4.3	25	3.9	21	5.1	14	5.3	218	230 (S W)	7.85	221 (S W)	2.76
8	19	11.0	18	8.3	15	7.9	11	7.3	155	226 (S W)	10.28	206 (SSW)	2.74
10	21	12.6	19	7.6	15	8.5	10	8.1	138	229 (S W)	7.68	209 (SSW)	2.66
12	33	4.8	25	3.2	18	5.1	12	6.3	176	244 (WSW)	3.21	281 (W)	2.62
14	66	2.9	54	2.9	42	3.1	27	3.8	309	244 (WSW)	2.28	297 (WNW)	2.62
16	22	4.5	20	3.3	17	5.5	12	5.5	199	238 (WSW)	4.35	232 (S W)	2.61
18	23	11.0	16	7.9	13	8.8	9	9.0	121	205 (SSW)	9.00	202 (SSW)	2.58
20	18	11.3	14	12.7	12	11.8	8	10.9	100	225 (S W)	4.46	219 (S W)	2.58
22	24	10.5	16	12.2	12	11.5	8	10.9	102	259 (W)	2.86	263 (W)	2.57
24	16	9.5	15	3.6	12	7.0	8	7.4	132	284 (WNW)	7.60	213 (SSW)	2.54

OCT. 17 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	44	2.2	35	2.1	25	2.8	15	5.1	209	314 (N W)	15.98	5 (N)	2.55
4	19	8.0	18	4.9	14	6.7	10	6.6	156	267 (W)	21.28	4 (N)	2.63
6	63	1.9	47	2.0	32	2.5	18	4.7	238	253 (WSW)	17.98	6 (N)	2.72
8	42	2.4	35	2.2	25	2.2	15	5.2	219	265 (W)	4.98	239 (WSW)	2.77
10	18	8.5	16	4.0	14	5.3	10	6.0	173	242 (WSW)	20.12	198 (SSW)	2.72
12	71	2.0	53	2.0	38	2.2	22	4.1	270	281 (W)	13.20	193 (SSW)	2.64
14	45	3.3	34	2.4	23	4.0	13	5.6	193	303 (WNW)	16.27	197 (SSW)	2.58
16	70	1.8	51	1.9	36	2.1	19	4.6	234	285 (WNW)	5.49	222 (S W)	2.55
18	16	12.2	15	5.7	13	6.2	9	7.4	139	264 (W)	3.26	330 (NNW)	2.55
20	13	12.0	11	7.0	9	8.5	7	10.1	103	212 (SSW)	10.99	205 (SSW)	2.60
22	13	11.0	11	14.3	9	11.7	7	10.7	98	207 (SSW)	3.65	232 (S W)	2.64
24	14	14.0	12	11.9	10	12.3	7	11.2	97	184 (SSW)	5.18	212 (SSW)	2.58

OCT. 18 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	16	11.7	13	12.1	10	11.3	7	10.8	98	173 (S)	2.60	282 (NNW)	2.54
4	13	16.5	11	13.7	9	11.8	7	11.0	97	174 (S)	2.87	323 (N W)	2.56
6	13	12.8	11	11.0	10	11.9	7	10.2	194	179 (S)	3.65	310 (N W)	2.63
8	16	11.0	12	11.3	10	14.3	8	12.0	93	207 (SSW)	7.48	214 (S W)	2.75
10	12	14.0	11	8.6	9	10.7	6	11.3	89	298 (NNW)	20.30	203 (SSW)	2.77
12	13	14.0	12	12.2	9	11.6	6	11.9	92	235 (S W)	9.05	208 (SSW)	2.68
14	16	11.5	12	14.3	9	12.5	6	12.2	88	202 (SSW)	4.82	220 (S W)	2.55
16	14	11.5	11	11.9	9	10.2	7	11.4	95	211 (SSW)	1.95	247 (WSW)	2.47
18	13	10.9	11	8.1	9	9.8	7	9.9	103	253 (WSW)	3.20	247 (WSW)	2.50
20	14	8.0	12	5.0	10	8.5	7	8.0	88	328 (NNW)	11.41	199 (SSW)	2.60
22	19	15.0	9	11.8	7	11.8	6	10.9	88	262 (W)	7.26	205 (SSW)	2.72
24	12	12.0	9	12.5	8	11.9	6	11.8	86	249 (WSW)	7.61	355 (N)	2.69

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO. 2

OCT. 19 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	WAVE DIRECTION (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	9	14.5	9	13.1	7	14.0	6	14.0	63	222	(S W)	5.25	347	(NNW)	2.57
4	12	12.5	9	12.4	7	15.0	6	14.1	76	231	(S W)	10.08	355	(N)	2.48
6	11	9.5	11	6.7	8	8.6	8	10.1	101	242	(WSW)	12.18	358	(N)	2.54
8	53	2.1	36	2.2	26	2.3	14	5.7	185	227	(S W)	14.27	202	(SSW)	2.72
10	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.3

OCT. 10 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	L/10 WAVE H (CM)	WAVE T (SEC)	L/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	38	10.5	33	10.3	28	10.4	18	11.1	105	179 (S)	10.58	2 (N)	17.70
18	49	10.5	42	10.0	35	10.2	24	10.4	111	174 (S)	6.57	76 (ENE)	17.29
20	62	10.2	47	10.5	33	10.3	20	10.9	108	185 (S)	3.11	96 (E)	17.10
22	63	11.2	45	11.4	32	11.2	20	12.3	96	187 (S)	0.83	113 (ESE)	17.33
24	51	11.1	40	11.2	30	10.8	20	11.3	105	185 (S)	21.78	221 (S W)	17.75

OCT. 11 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	L/10 WAVE H (CM)	WAVE T (SEC)	L/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	34	11.0	27	10.7	21	11.6	14	11.8	99	193 (SSW)	9.85	215 (S W)	18.07
4	54	10.9	44	11.0	31	10.6	21	11.0	107	172 (S)	5.01	313 (N W)	17.97
6	68	10.2	47	10.6	35	10.8	23	10.9	107	174 (S)	3.02	211 (SSW)	17.65
8	43	10.9	37	11.0	31	10.8	21	11.4	103	180 (S)	11.03	226 (S W)	17.43
10	50	10.5	38	10.4	30	10.4	20	10.9	108	180 (S)	16.28	208 (SSW)	17.50
12	48	10.9	38	10.7	29	10.7	20	11.1	107	178 (S)	13.68	216 (S W)	17.74
14	25	10.7	20	10.8	17	10.3	12	11.7	91	194 (SSW)	31.18	214 (S W)	17.87
16	32	8.5	27	10.1	21	10.2	14	11.2	102	173 (S)	9.48	265 (W)	17.75
18	45	10.3	36	9.6	29	9.7	19	10.4	113	173 (S)	6.02	292 (WNW)	17.39
20	50	9.5	33	9.8	26	10.1	17	10.7	110	174 (S)	2.84	123 (ESE)	17.14
22	36	10.5	30	10.1	23	10.5	15	11.1	98	174 (S)	0.84	187 (S)	17.26
24	40	11.2	28	10.4	22	10.7	15	11.3	103	177 (S)	10.85	218 (S W)	17.66

OCT. 12 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	L/10 WAVE H (CM)	WAVE T (SEC)	L/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	37	10.0	28	10.0	22	10.6	15	11.1	106	182 (S)	11.31	239 (WSW)	18.00
4	32	9.6	28	10.0	22	10.1	16	10.7	109	179 (S)	10.24	322 (N W)	18.02
6	58	9.3	52	9.0	42	9.2	28	9.8	119	172 (S)	16.93	248 (WSW)	17.75
8	37	11.2	34	10.6	27	10.8	18	11.4	101	175 (S)	15.73	230 (S W)	17.50
10	35	10.5	29	10.9	24	10.8	16	11.2	101	188 (S)	27.30	218 (S W)	17.47
12	33	10.6	28	10.3	23	10.3	18	11.7	99	177 (S)	24.30	218 (S W)	17.67
14	33	11.2	28	10.6	22	10.4	15	11.9	98	180 (S)	17.71	217 (S W)	17.86
16	35	10.0	28	10.3	23	10.2	16	11.2	105	177 (S)	5.85	314 (N W)	17.80
18	56	8.6	37	9.1	30	9.1	21	10.5	113	172 (S)	10.67	218 (S W)	17.48
20	41	9.8	34	10.2	27	9.8	18	11.0	109	181 (S)	11.29	221 (S W)	17.22
22	39	10.3	32	10.2	26	10.1	18	10.7	110	179 (S)	11.63	224 (S W)	17.26
24	37	9.8	27	10.4	22	10.2	16	11.4	103	182 (S)	16.99	244 (WSW)	17.58

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.3

OCT. 13 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG)	
2	40	10.7	35	10.1	27	9.8	18	10.5	106	181 (S)	9.78	251 (WSW)	17.91
4	36	9.6	30	9.7	26	8.8	18	10.2	112	172 (S)	17.24	4 (N)	17.99
5	47	9.5	39	9.9	31	9.6	21	10.0	117	173 (S)	15.84	301 (WNW)	17.78
8	42	10.7	35	10.2	26	10.2	17	10.6	111	179 (S)	38.94	227 (SW)	17.56
10	31	9.8	28	9.9	23	9.7	17	10.4	109	184 (S)	25.59	217 (S W)	17.49
12	21	9.2	19	9.5	15	10.6	11	12.3	87	208 (SSW)	35.72	214 (S W)	17.62
14	47	9.2	36	9.2	28	9.6	18	10.5	112	178 (S)	4.98	202 (SSW)	17.82
16	28	10.5	23	10.3	18	9.9	12	11.2	105	185 (S)	8.80	265 (W)	17.80
18	46	10.6	31	9.9	24	10.0	15	11.0	106	178 (S)	7.31	349 (N)	17.59
20	40	9.9	30	9.6	25	9.7	17	10.3	114	173 (S)	15.59	10 (N)	17.36
22	27	10.4	24	9.8	20	9.8	14	10.8	104	178 (S)	11.02	18 (NNE)	17.33
24	30	10.1	25	10.5	20	10.2	14	11.0	104	188 (S)	12.48	335 (NNW)	17.50

OCT. 14 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG)	
2	33	10.5	27	10.4	20	10.1	13	10.9	107	189 (S)	4.89	256 (WSW)	17.78
4	39	10.0	29	10.1	23	10.1	16	11.3	94	178 (S)	2.46	225 (S W)	17.91
6	32	10.3	24	9.8	20	9.7	14	11.1	102	181 (S)	13.63	216 (S W)	17.85
8	28	10.3	26	9.6	21	9.8	14	10.8	108	181 (S)	6.95	216 (S W)	17.67
10	34	9.5	27	9.8	20	9.5	14	10.8	108	185 (S)	4.73	216 (S W)	17.56
12	25	10.0	20	10.3	16	10.0	11	11.2	101	178 (S)	13.48	217 (S W)	17.61
14	22	10.2	17	9.8	14	9.7	10	11.0	94	170 (S)	14.19	212 (SSW)	17.72
16	22	10.5	18	10.4	15	9.7	10	12.0	92	157 (SSE)	29.17	216 (S W)	17.70
18	21	10.0	19	9.8	16	10.1	11	12.1	95	179 (S)	24.16	214 (S W)	17.60
20	21	9.8	18	10.7	15	10.1	11	11.2	88	185 (S)	2.28	223 (S W)	17.48
22	31	10.3	22	10.0	19	9.8	13	11.0	91	175 (S)	12.52	357 (N)	17.36
24	21	10.0	17	9.4	14	10.0	10	11.1	101	186 (S)	3.08	329 (NNW)	17.45

OCT. 15 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG)	
2	27	10.0	21	9.9	17	10.1	12	11.3	103	181 (S)	18.37	219 (S W)	17.67
4	28	10.3	24	9.9	20	9.7	14	10.4	110	171 (S)	4.00	187 (S)	17.83
6	21	10.8	20	9.8	16	9.8	12	10.9	100	180 (S)	18.64	221 (S W)	17.83
8	22	10.2	20	9.9	17	9.7	12	11.1	94	180 (S)	16.01	223 (S W)	17.71
10	24	10.5	21	9.9	17	9.9	11	11.6	93	188 (S)	20.45	216 (S W)	17.60
12	26	10.5	19	9.8	16	9.7	10	11.9	86	183 (S)	11.96	214 (S W)	17.52
14	27	9.7	23	9.5	19	9.6	14	11.0	105	170 (S)	1.30	306 (N W)	17.68
16	22	9.5	18	10.0	15	9.2	10	12.0	91	173 (S)	4.69	245 (WSW)	17.69
18	25	9.2	21	8.6	16	8.2	11	11.1	93	185 (S)	11.48	194 (SSW)	17.65
20	25	11.0	17	10.4	13	10.3	9	12.1	83	185 (SSW)	11.11	223 (S W)	17.56
22	38	10.1	29	9.5	23	9.4	15	10.2	104	177 (S)	3.13	298 (WNW)	17.52
24	21	11.0	19	10.6	17	10.4	11	11.4	95	179 (S)	10.60	311 (N W)	17.53

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.3

OCT. 16 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	(DEG)	(16DIR)	(CM/S)	(DEG)	
2	20	9.5	18	9.3	15	9.6	11	11.3	97	170 (S)	9.28	218 (S W)	17.59
4	33	8.4	24	9.5	19	9.3	12	11.0	104	177 (S)	3.56	167 (SSE)	17.76
6	21	10.0	19	9.7	16	9.8	11	11.7	93	186 (S)	10.51	215 (S W)	17.82
8	18	10.8	16	10.2	13	10.5	9	12.3	86	184 (S)	15.05	218 (S W)	17.80
10	19	11.5	17	11.1	14	11.2	10	12.5	193 (SSW)	9.85	216 (S W)	17.72	
12	16	10.5	15	10.0	12	10.4	9	12.5	83	186 (S)	1.77	57 (ENE)	17.68
14	17	12.0	15	11.8	13	10.8	10	12.3	84	183 (S)	1.33	5 (N)	17.67
16	20	11.5	16	11.3	13	11.2	9	13.1	83	190 (S)	5.99	228 (S W)	17.67
18	19	10.0	17	10.2	14	11.1	10	12.5	88	175 (S)	5.86	192 (SSW)	17.65
20	24	11.2	16	10.4	12	11.7	8	13.1	79	191 (S)	6.41	240 (WSW)	17.65
22	17	11.5	16	10.6	12	10.3	9	12.3	64	177 (S)	5.96	324 (N W)	17.63
24	14	11.0	13	9.7	10	11.3	8	13.2	63	182 (S)	15.29	323 (N W)	17.59

OCT. 17 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	(DEG)	(16DIR)	(CM/S)	(DEG)	
2	18	12.0	17	11.0	14	11.2	10	12.3	78	185 (S)	12.10	324 (N W)	17.59
4	16	11.0	15	10.2	12	10.8	8	12.7	79	185 (SSE)	6.93	341 (NNW)	17.68
6	18	12.0	14	11.5	12	11.0	8	12.8	70	179 (S)	6.34	148 (SSE)	17.79
8	18	9.5	16	10.3	13	11.5	9	12.3	86	183 (S)	3.51	249 (WSW)	17.83
10	16	11.0	15	10.9	12	11.7	8	13.5	83	180 (S)	19.27	217 (S W)	17.77
12	16	10.8	14	9.5	11	10.3	8	12.4	62	191 (S)	21.10	220 (S W)	17.69
14	15	11.5	13	10.4	10	11.3	7	12.9	67	201 (SSW)	22.97	218 (S W)	17.63
16	12	13.5	12	12.0	10	12.2	7	13.2	59	188 (S)	8.28	221 (S W)	17.61
18	12	11.0	11	10.7	9	11.8	7	14.0	67	182 (S)	1.03	212 (SSW)	17.61
20	11	12.0	11	9.9	9	11.6	6	14.3	47	201 (SSW)	15.97	214 (S W)	17.65
22	12	11.0	11	10.8	9	10.6	7	11.9	60	187 (S)	6.04	211 (SSW)	17.70
24	14	12.5	12	11.3	10	11.4	7	13.8	66	191 (S)	5.03	227 (S W)	17.64

OCT. 18 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		WAVE DIRECTION		CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	(DEG)	(16DIR)	(CM/S)	(DEG)	
2	14	10.5	12	11.2	10	11.0	7	12.8	70	186 (S)	0.99	212 (SSW)	17.60
4	12	9.5	11	9.6	10	10.3	7	12.6	62	187 (S)	3.79	226 (S W)	17.62
6	15	11.5	11	10.9	9	12.0	7	13.9	55	181 (S)	3.72	226 (S W)	17.68
8	13	12.0	11	10.4	9	11.1	7	12.7	78	187 (S)	5.55	222 (S W)	17.82
10	12	10.8	11	9.8	9	11.2	7	14.2	62	180 (S)	19.46	220 (S W)	17.84
12	22	12.0	15	11.9	12	11.0	8	13.3	79	186 (S)	7.88	220 (S W)	17.74
14	16	11.0	13	11.0	11	11.5	8	13.3	78	187 (S)	6.20	214 (S W)	17.61
16	16	11.0	13	10.7	10	12.1	7	12.3	75	185 (S)	6.78	225 (S W)	17.53
18	10	12.0	10	12.0	8	11.8	6	14.7	56	189 (SSW)	8.70	162 (SSE)	17.56
20	10	11.5	9	11.7	8	11.8	6	13.4	32	175 (S)	10.46	193 (SSW)	17.66
22	10	11.5	9	11.6	8	11.1	6	13.2	62	180 (S)	10.84	204 (SSW)	17.79
24	11	10.5	10	11.9	9	11.4	6	13.3	63	181 (S)	4.79	355 (N)	17.75

DAILY REPORT OF WAVES OBSERVATION

STATION : WEST NO.3

OCT. 19 1991

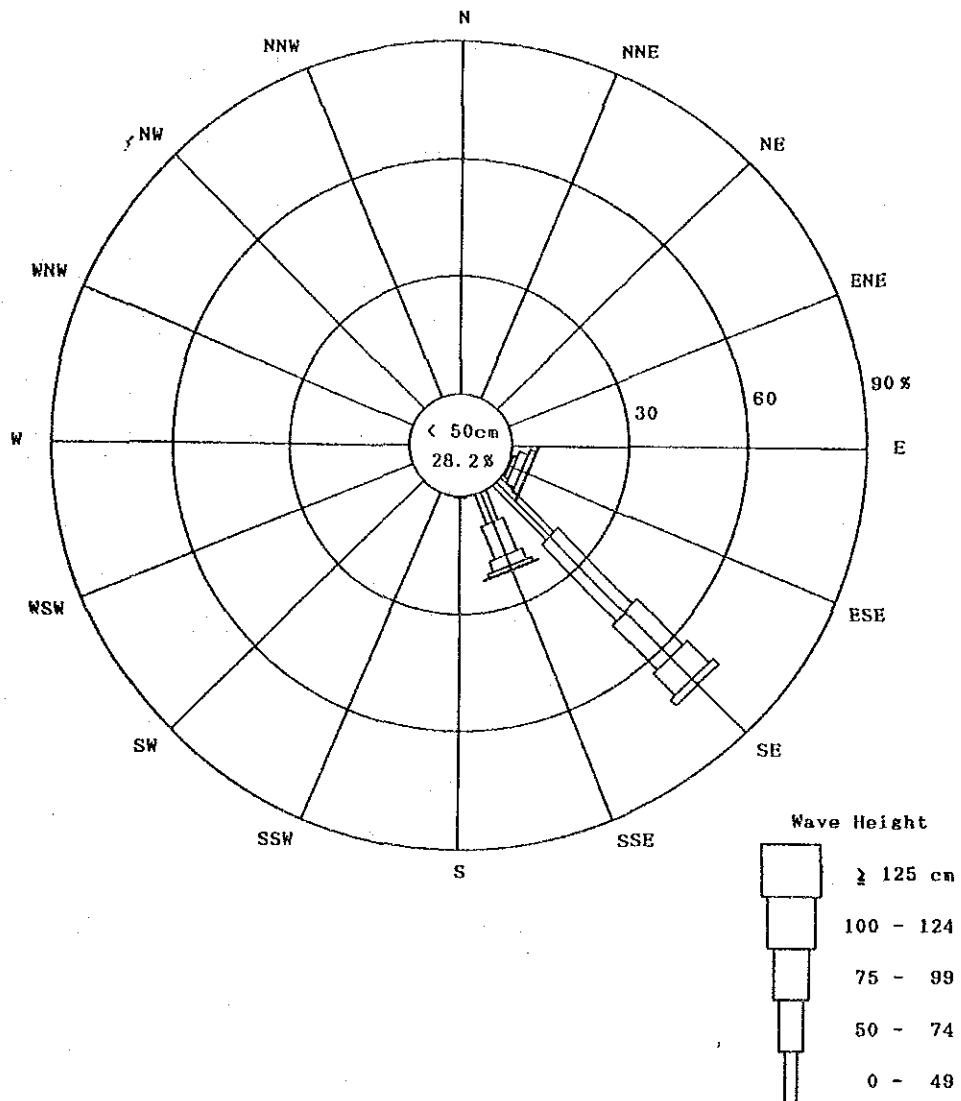
OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)		CURRENT VELOCITY DIRECTION (DEG) (16DIR)		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)		DIRECTION (DEG)	DIRECTION (DEG)	VELOCITY (CM/S)	DIRECTION (DEG)	
2	10	9.5	10	10.4	8	11.8	6	12.9	47	171 (S)	12.76	344 (NNW)	17.63	
4	12	11.5	10	10.7	8	10.1	6	13.0	56	195 (SSW)	4.40	278 (W)	17.53	
6	11	12.0	10	10.9	9	11.1	6	13.2	67	173 (S)	5.21	10 (N)	17.60	
8	10	12.0	10	11.2	8	12.7	6	14.6	63	197 (SSW)	7.38	205 (SSW)	17.77	
10	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
12	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
14	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
16	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
18	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
20	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
22	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	
24	***	***	***	***	***	***	***	***	***	*** (***)	***	*** (***)	***	

2. 2 . LONG TERM OBSERVATION DATA

• STATION : EAST No. 0

• PERIOD : October, 1991 to Septembe, 1992

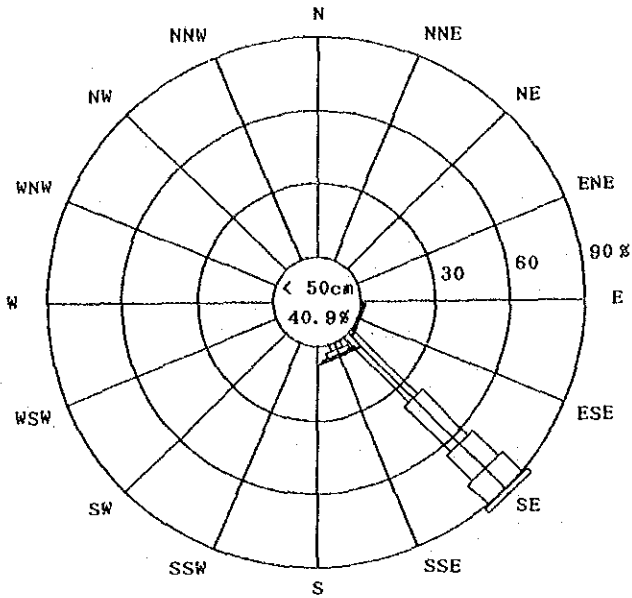
All Terms (Oct. 1 1991 - Sep. 30 1992)



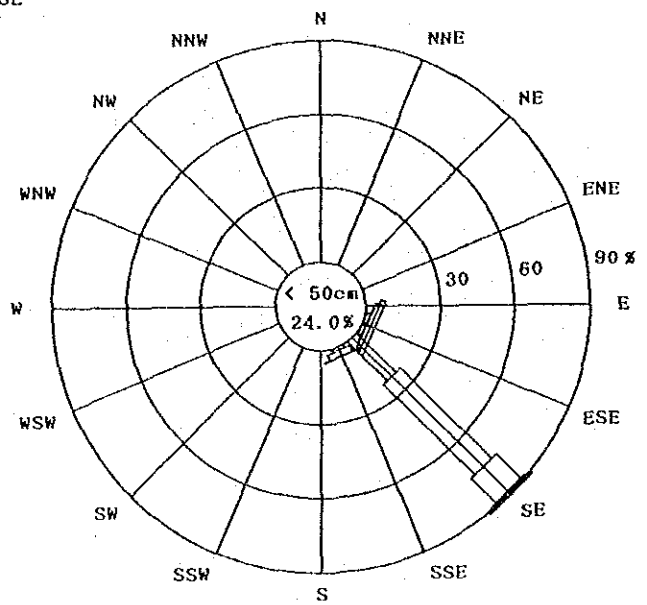
Station : East No.0

Distribution of Wave Direction and Wave Height

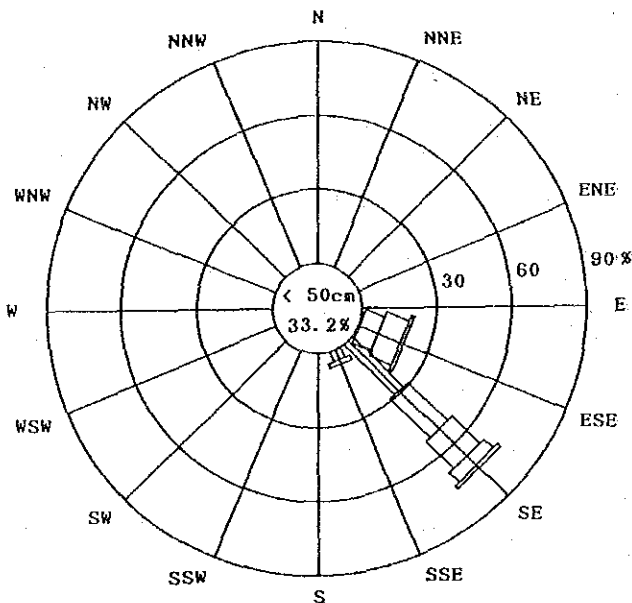
Oct. 1991



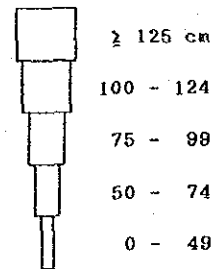
Nov. 1991



Dec. 1991



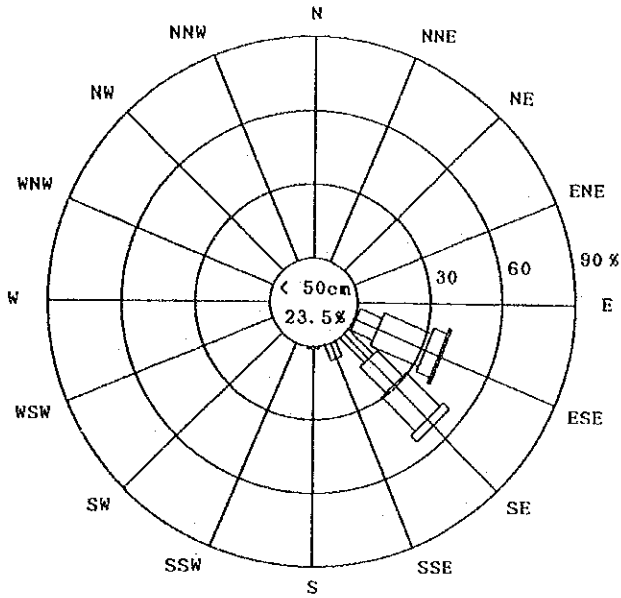
Wave Height



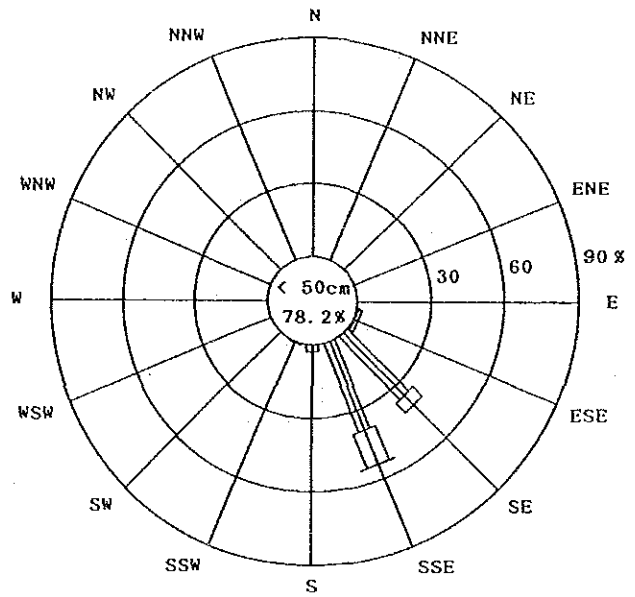
Station : East No.0

Distribution of Wave Direction and Wave Height

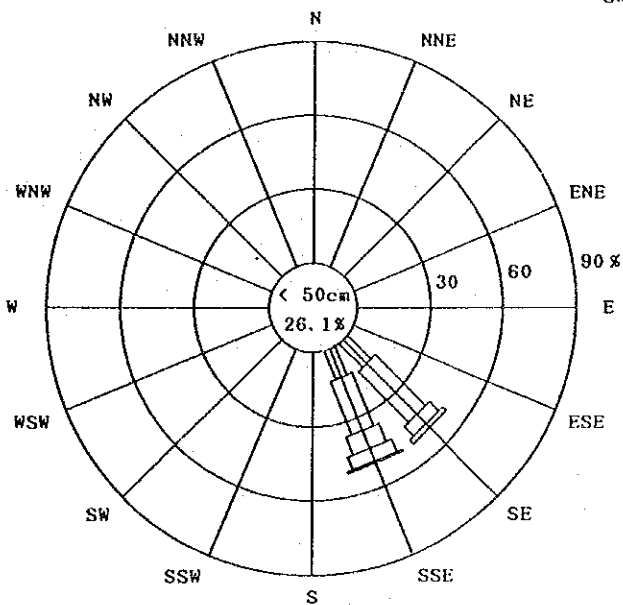
Jan. 1992



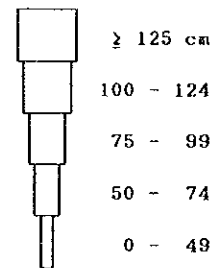
Feb. 1992



Mar. 1992



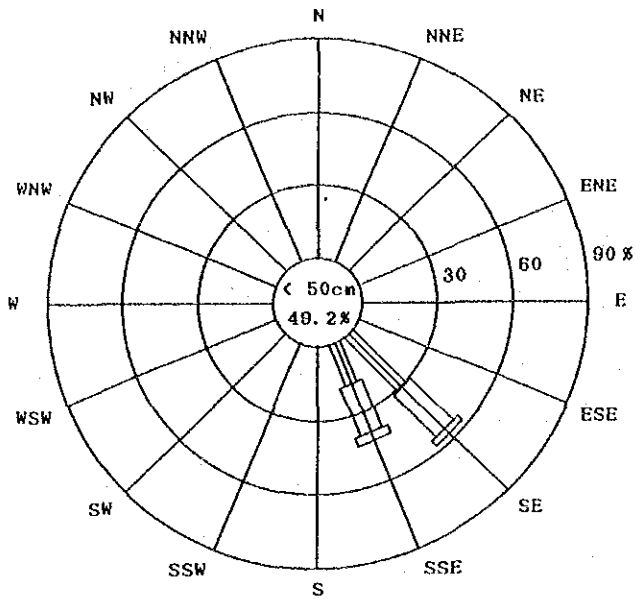
Wave Height



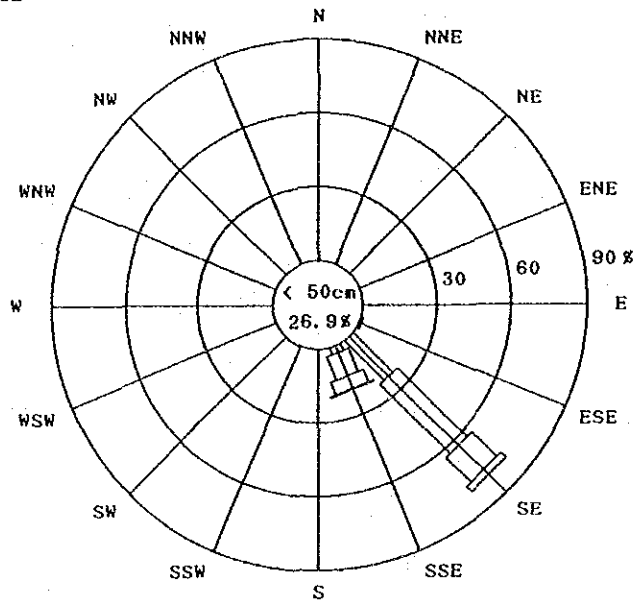
Station : East No. 0

Distribution of Wave Direction and Wave Height

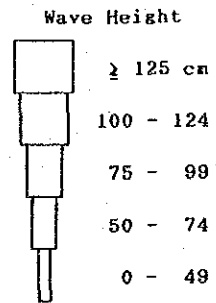
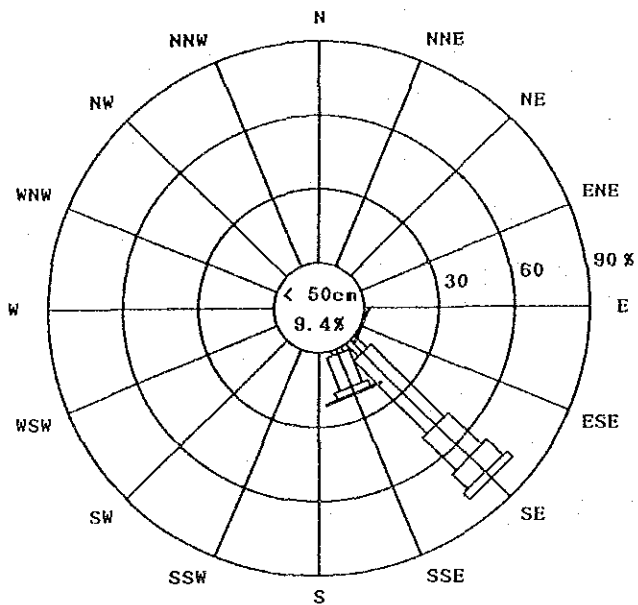
Apr. 1992



May 1992



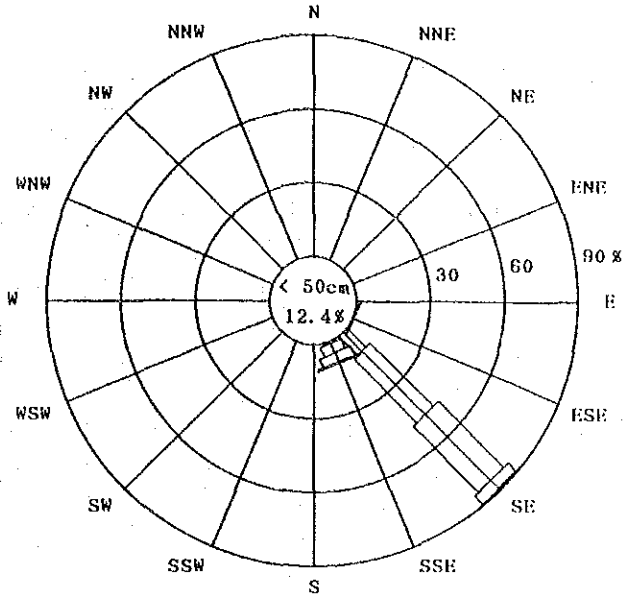
Jun. 1992



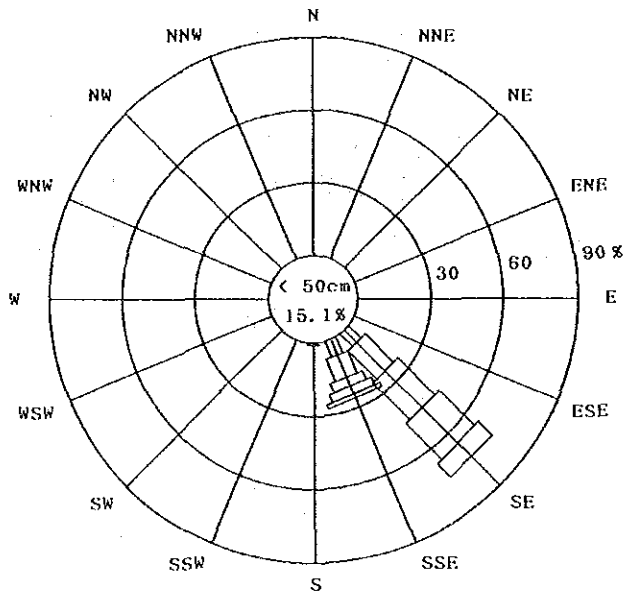
Station : East No. 0

Distribution of Wave Direction and Wave Height

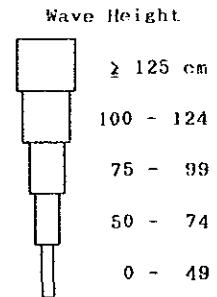
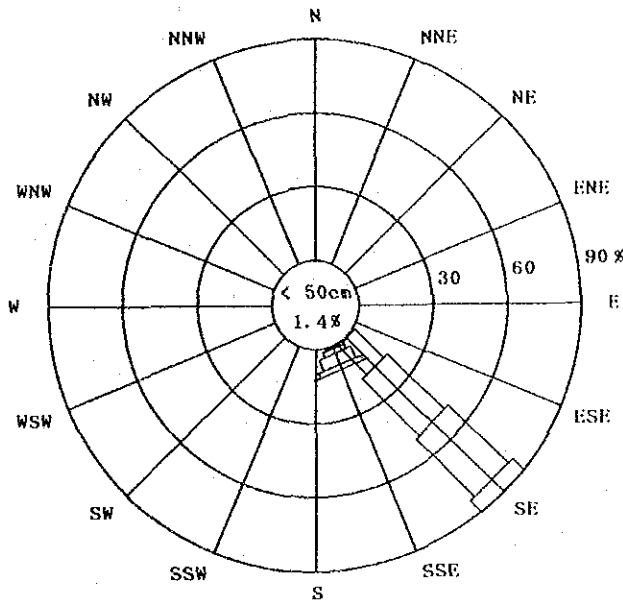
Jul. 1992



Aug. 1992



Sep. 1991



Station : East No. 0

Distribution of Wave Direction and Wave Height

Frequency of Wave Direction and Wave Height

Station : East No. 0

All Terms (Oct. 1 1991 - Sep. 30 1992)

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
				20	17	3				40
~ 24	-	-	-	0.5	0.4	0.1	-	-	-	0.9
25~ 49	-	-	12	811	331	14	1	-	-	1169
			0.3	18.9	7.7	0.3	0.0	-	-	27.3
50~ 74	-	-	43	1169	386	-	-	-	-	1598
			1.0	27.3	9.0	-	-	-	-	37.3
75~ 99	-	-	102	700	125	-	-	-	-	927
			2.4	16.3	2.9	-	-	-	-	21.6
100~124	-	-	60	335	44	-	-	-	-	439
			1.4	7.8	1.0	-	-	-	-	10.2
125~149	-	-	11	76	10	-	-	-	-	97
			0.3	1.8	0.2	-	-	-	-	2.3
150~174	-	-	3	6	2	-	-	-	-	11
			0.1	0.1	0.0	-	-	-	-	0.3
175~199	-	-	-	2	-	-	-	-	-	2
			-	0.0	-	-	-	-	-	0.0
200~ cm	-	-	-	1	-	-	-	-	-	1
			-	0.0	-	-	-	-	-	0.0
Total	-	-	231	3120	915	17	1	-	-	4284
			5.4	72.8	21.4	0.4	0.0	-	-	100.0

Number of Obtained Data 4284 (97.5 %)
 Number of Not Obtained 108

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Height

Station : East No. 0

Oct. 1991

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	134	10	-	-	-	-	144
				38.1	2.8					40.9
50~ 74	-	-	1	91	8	-	-	-	-	100
			0.3	25.9	2.3					28.4
75~ 99	-	-	3	52	3	-	-	-	-	58
			0.9	14.8	0.9					16.5
100~124	-	-	-	41	1	-	-	-	-	42
			-	11.6	0.3					11.9
125~149	-	-	-	8	-	-	-	-	-	8
			-	2.3	-					2.3
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	4	326	22	-	-	-	-	352
			1.1	92.6	6.2					100.0

Number of Obtained Data 352 (94.6 %)
 Number of Not Obtained 20

Upper : Number of Times
 Lower : (%)

Nov. 1991

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	1	80	5	-	-	-	-	86
			0.3	22.3	1.4					24.0
50~ 74	-	-	5	188	9	-	-	-	-	202
			1.4	52.4	2.5					56.3
75~ 99	-	-	1	50	1	-	-	-	-	52
			0.3	13.9	0.3					14.5
100~124	-	-	6	2	-	-	-	-	-	8
			1.7	0.6	-					2.2
125~149	-	-	3	4	-	-	-	-	-	7
			0.8	1.1	-					1.9
150~174	-	-	3	1	-	-	-	-	-	4
			0.8	0.3	-					1.1
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	19	325	15	-	-	-	-	359
			5.3	90.5	4.2					100.0

Number of Obtained Data 359 (99.7 %)
 Number of Not Obtained 1

Upper : Number of Times
 Lower : (%)

Dec. 1991

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	2	-	-	-	-	-	2
				0.6	-					0.6
25~ 49	-	-	-	103	15	-	-	-	-	118
				28.5	4.2					32.7
50~ 74	-	-	2	81	7	-	-	-	-	90
			0.6	22.4	1.9					24.9
75~ 99	-	-	30	56	-	-	-	-	-	86
			8.3	15.5	-					23.8
100~124	-	-	35	19	-	-	-	-	-	54
			9.7	5.3	-					15.0
125~149	-	-	5	5	-	-	-	-	-	10
			1.4	1.4	-					2.8
150~174	-	-	-	1	-	-	-	-	-	1
			-	0.3	-					0.3
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	72	267	22	-	-	-	-	361
			19.9	74.0	6.1					100.0

Number of Obtained Data 361 (97.0 %)
 Number of Not Obtained 11

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Height

Station : East No. 0

Jan. 1992

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	1	-	-	-	-	1
					0.3					0.3
25~ 49	-	-	3	44	20	4	-	-	-	71
			1.0	14.4	6.5	1.3				23.2
50~ 74	-	-	29	45	-	-	-	-	-	74
			9.5	14.7						24.2
75~ 99	-	-	65	61	-	-	-	-	-	127
			21.6	19.9						41.5
100~124	-	-	19	11	-	-	-	-	-	30
			6.2	3.6						9.8
125~149	-	-	3	-	-	-	-	-	-	3
			1.0							1.0
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	120	161	21	4	-	-	-	306
			39.2	52.6	6.9	1.3				100.0

Number of Obtained Data 306 (82.3 %)
 Number of Not Obtained 66

Upper : Number of Times
 Lower : (%)

Feb. 1992

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	16	16	3	-	-	-	35
				4.6	4.6	0.9				10.1
25~ 49	-	-	2	108	119	7	1	-	-	237
			0.6	31.0	34.2	2.0	0.3			68.1
50~ 74	-	-	5	19	51	-	-	-	-	75
			1.4	5.5	14.7					21.6
75~ 99	-	-	-	-	1	-	-	-	-	1
					0.3					0.3
100~124	-	-	-	-	-	-	-	-	-	-
125~149	-	-	-	-	-	-	-	-	-	-
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	7	143	187	10	1	-	-	348
			2.0	41.1	53.7	2.9	0.3			100.0

Number of Obtained Data 348 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Mar. 1992

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	51	46	-	-	-	-	97
				13.7	12.4					26.1
50~ 74	-	-	-	108	86	-	-	-	-	194
				29.0	23.1					52.2
75~ 99	-	-	-	20	30	-	-	-	-	50
				5.4	8.1					13.4
100~124	-	-	-	8	20	-	-	-	-	28
				2.2	5.4					7.5
125~149	-	-	-	-	3	-	-	-	-	3
					0.8					0.8
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	187	185	-	-	-	-	372
				50.3	49.7					100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Height

Station : East No. 0

Apr. 1992

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	112	65	-	-	-	-	177
				31.1	18.1					49.2
50~ 74	-	-	-	85	75	-	-	-	-	160
				23.6	20.8					44.4
75~ 99	-	-	-	10	13	-	-	-	-	23
				2.8	3.6					6.4
100~124	-	-	-	-	-	-	-	-	-	-
125~149	-	-	-	-	-	-	-	-	-	-
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	207	153	-	-	-	-	360
				57.5	42.5					100.0

Number of Obtained Data 360 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

May 1992

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	4	85	11	-	-	-	-	100
			1.1	22.8	3.0					26.9
50~ 74	-	-	-	148	38	-	-	-	-	186
				39.8	10.2					50.0
75~ 99	-	-	-	53	21	-	-	-	-	74
				14.2	5.6					19.9
100~124	-	-	-	11	1	-	-	-	-	12
				3.0	0.3					3.2
125~149	-	-	-	-	-	-	-	-	-	-
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	4	297	71	-	-	-	-	372
			1.1	79.8	19.1					100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Jun. 1992

Direct Height	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	1	26	7	-	-	-	-	34
			0.3	7.2	1.9					9.4
50~ 74	-	-	1	150	52	-	-	-	-	203
			0.3	41.7	14.4					56.4
75~ 99	-	-	1	66	10	-	-	-	-	77
			0.3	18.3	2.8					21.4
100~124	-	-	-	32	-	-	-	-	-	32
				8.9	-					8.9
125~149	-	-	-	12	2	-	-	-	-	14
				3.3	0.6					3.9
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	3	286	71	-	-	-	-	360
			0.8	79.4	19.7					100.0

Number of Obtained Data 360 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Height

Station : East No. 0

Jul. 1992

Direct Height	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	0.3	41	4	-	-	-	-	46
50~ 74	-	-	-	135	15	-	-	-	-	150
75~ 99	-	-	0.3	36.3	4.0	-	-	-	-	40.3
100~124	-	-	-	139	15	-	-	-	-	155
125~149	-	-	-	37.4	4.0	-	-	-	-	41.7
150~174	-	-	-	17	2	-	-	-	-	19
175~199	-	-	-	4.6	0.5	-	-	-	-	5.1
200~ cm	-	-	-	2	-	-	-	-	-	2
Total	-	-	0.5	334	36	-	-	-	-	372

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Aug. 1992

Direct Height	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	Total
~ 24	-	-	-	2	-	-	-	-	-	2
25~ 49	-	-	-	0.5	-	-	-	-	-	0.5
50~ 74	-	-	-	25	26	3	-	-	-	54
75~ 99	-	-	-	6.7	7.0	0.8	-	-	-	14.5
100~124	-	-	-	61	37	-	-	-	-	98
125~149	-	-	-	16.4	9.9	-	-	-	-	26.3
150~174	-	-	-	79	14	-	-	-	-	93
175~199	-	-	-	21.2	3.8	-	-	-	-	25.0
200~ cm	-	-	-	77	13	-	-	-	-	90
Total	-	-	-	20.7	3.5	-	-	-	-	24.2
	-	-	-	27	4	-	-	-	-	31
	-	-	-	7.3	1.1	-	-	-	-	8.3
	-	-	-	2	0.5	-	-	-	-	4
	-	-	-	0.5	0.5	-	-	-	-	1.1
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	273	96	3	-	-	-	372
	-	-	-	73.4	25.8	0.8	-	-	-	100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

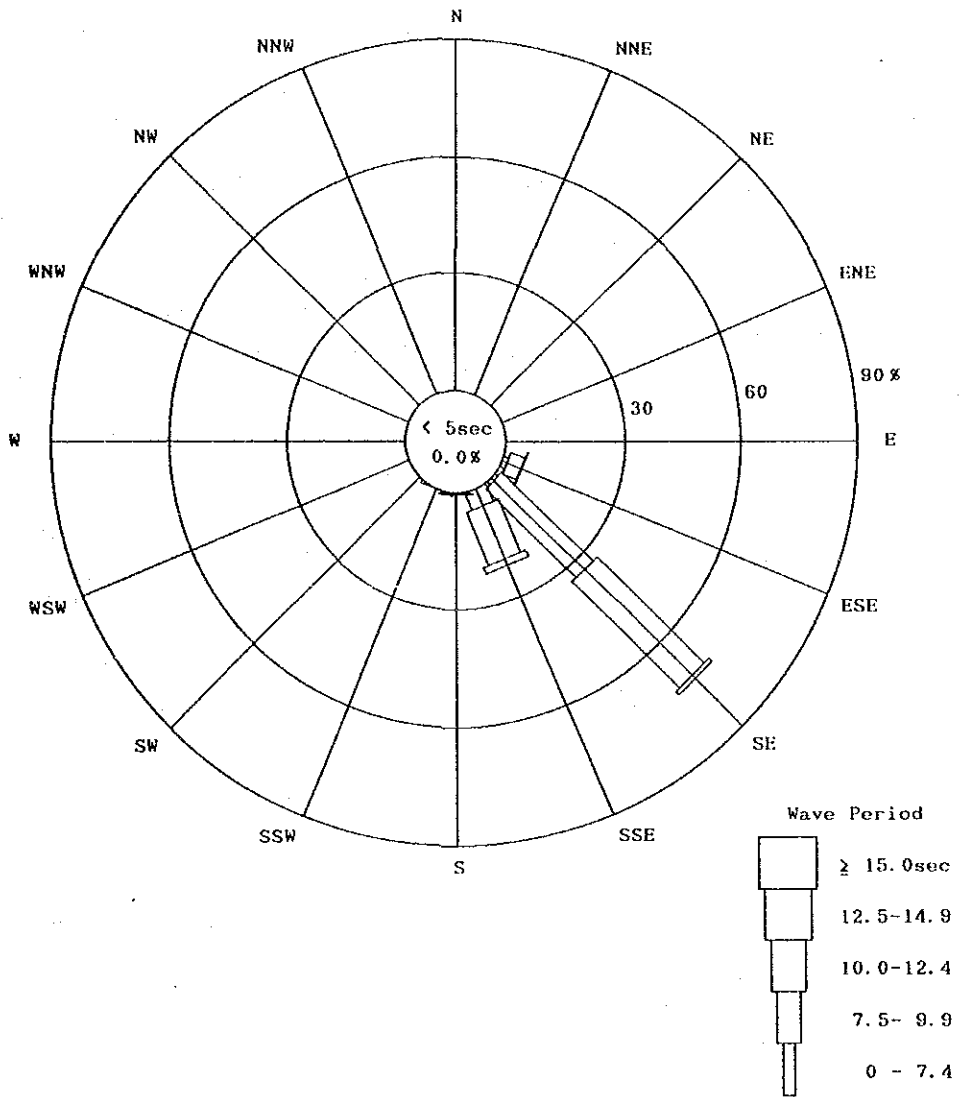
Sep. 1991

Direct Height	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	2	3	-	-	-	-	5
50~ 74	-	-	-	0.6	0.9	-	-	-	-	1.4
75~ 99	-	-	-	58	8	-	-	-	-	66
100~124	-	-	-	16.6	2.3	-	-	-	-	18.9
125~149	-	-	-	114	17	-	-	-	-	131
150~174	-	-	-	32.6	4.9	-	-	-	-	37.4
175~199	-	-	-	117	7	-	-	-	-	124
200~ cm	-	-	-	33.4	2.0	-	-	-	-	35.4
Total	-	-	-	18	1	-	-	-	-	19
	-	-	-	5.1	0.3	-	-	-	-	5.4
	-	-	-	2	-	-	-	-	-	2
	-	-	-	0.6	-	-	-	-	-	0.6
	-	-	-	2	-	-	-	-	-	2
	-	-	-	0.6	-	-	-	-	-	0.6
	-	-	-	1	-	-	-	-	-	1
200~ cm	-	-	-	0.3	-	-	-	-	-	0.3
Total	-	-	-	314	36	-	-	-	-	350
	-	-	-	89.7	10.3	-	-	-	-	100.0

Number of Obtained Data 350 (97.2 %)
 Number of Not Obtained 10

Upper : Number of Times
 Lower : (%)

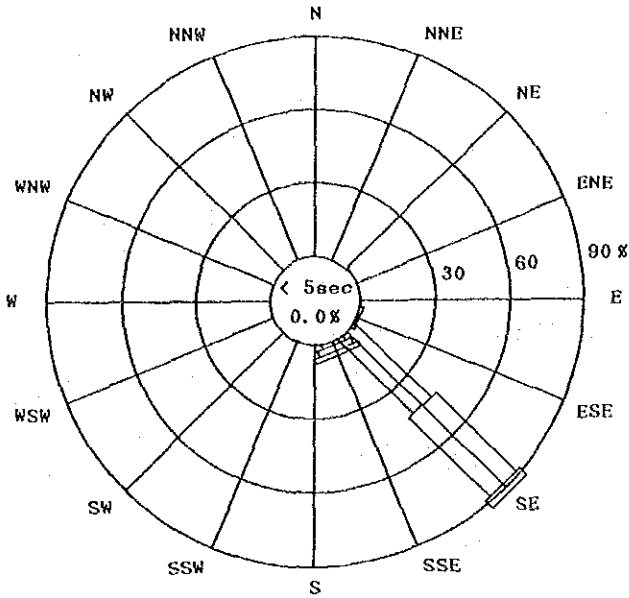
All Terms (Oct. 1 1991 - Sep.30 1992)



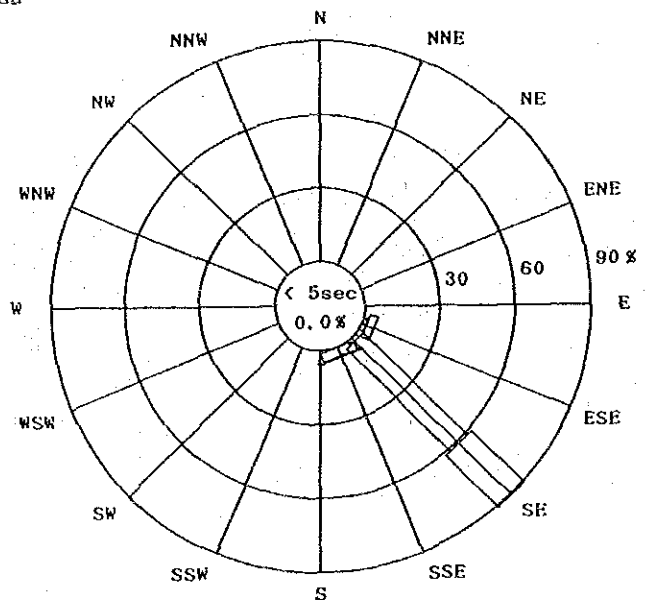
Station : East No.0

Distribution of Wave Direction and Wave Period

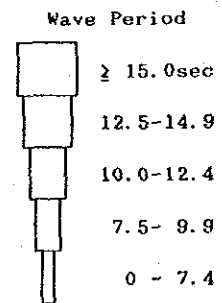
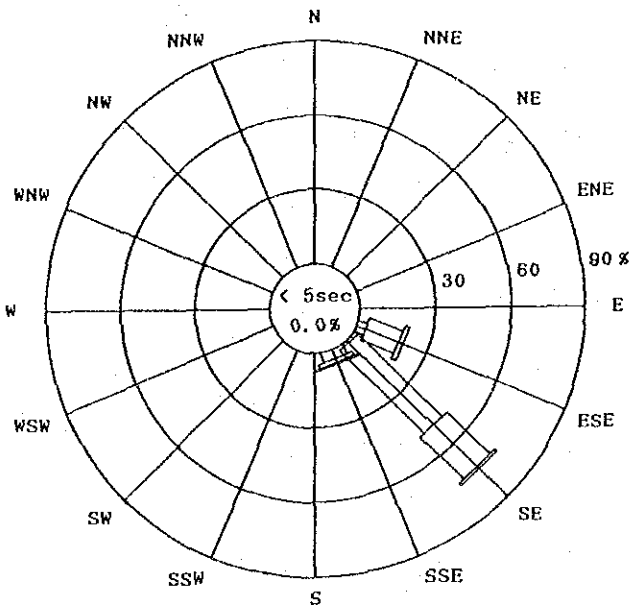
Oct. 1991



Nov. 1991



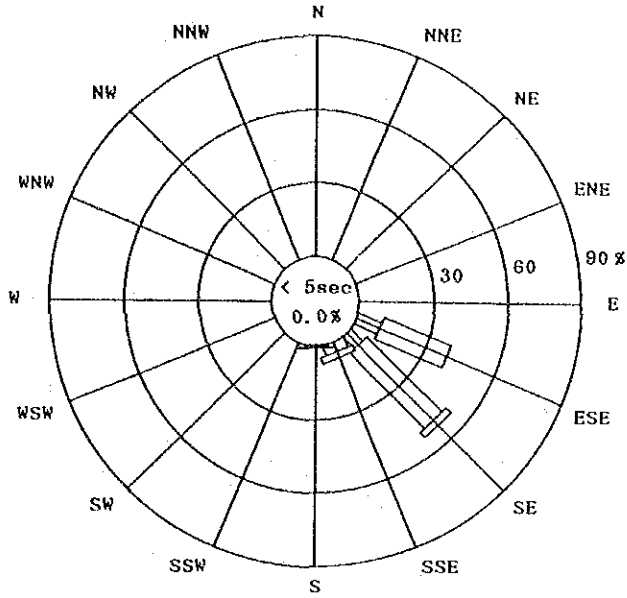
Dec. 1991



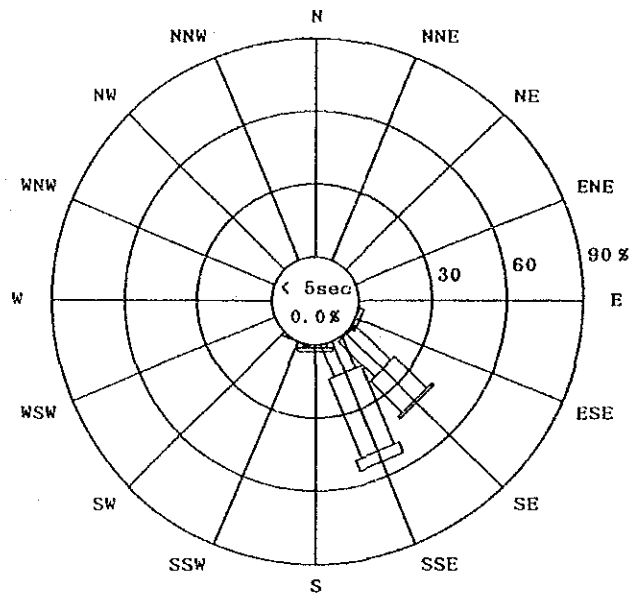
Station : East No.0

Distribution of Wave Direction and Wave Period

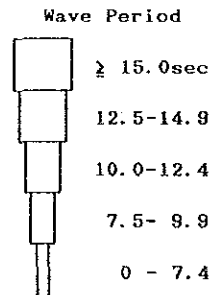
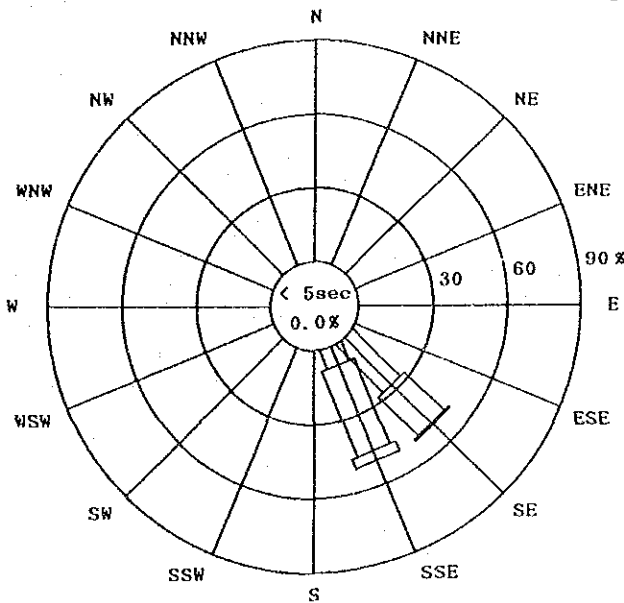
Jan. 1992



Feb. 1992



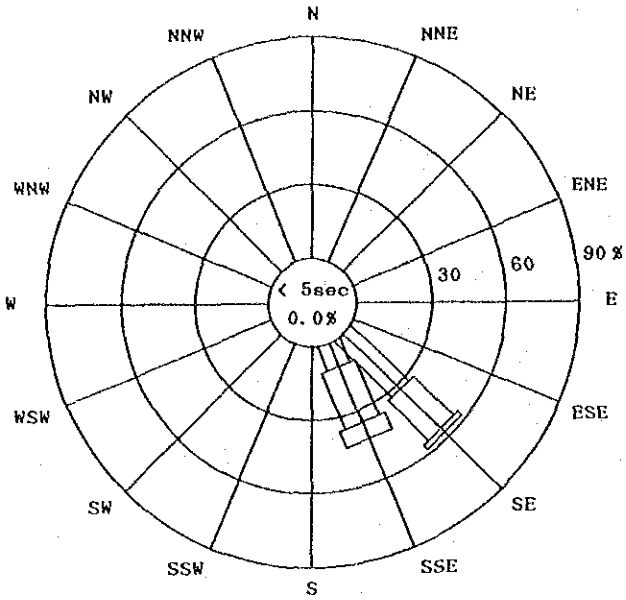
Mar. 1992



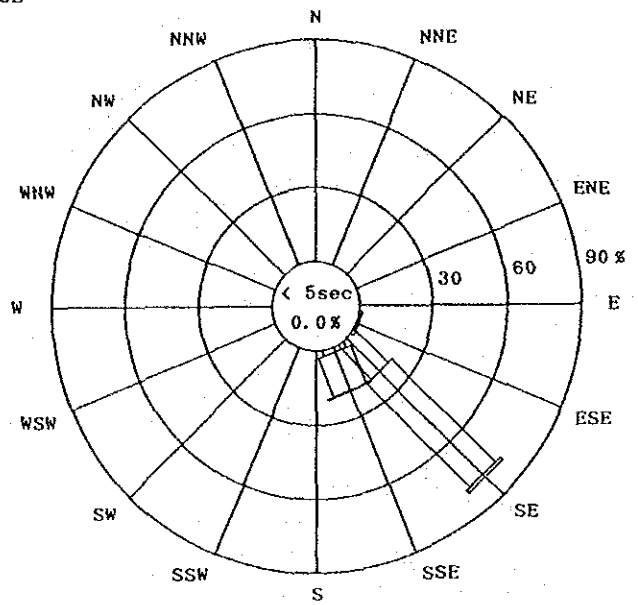
Station : East No.0

Distribution of Wave Direction and Wave Period

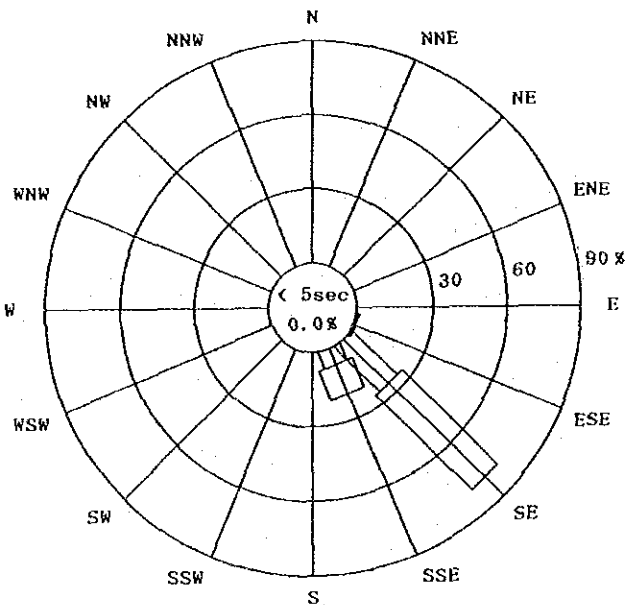
Apr. 1992



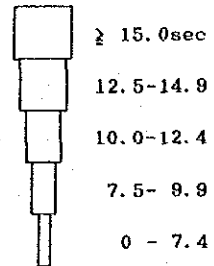
May 1992



Jun. 1992



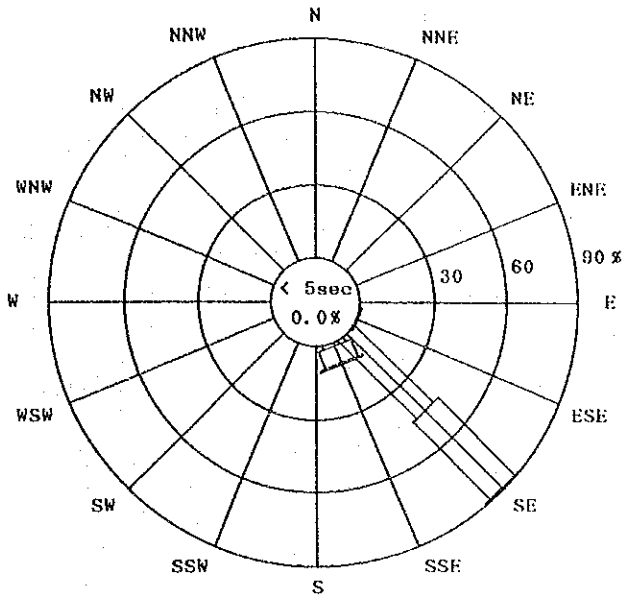
Wave Period



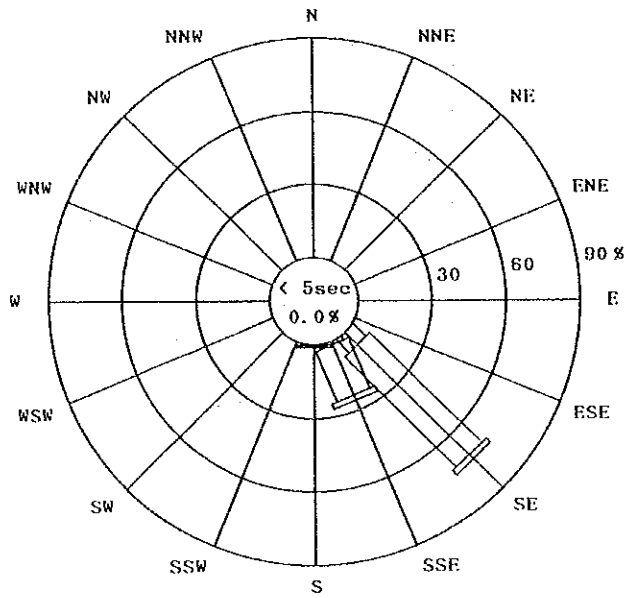
Station : East No.0

Distribution of Wave Direction and Wave Period

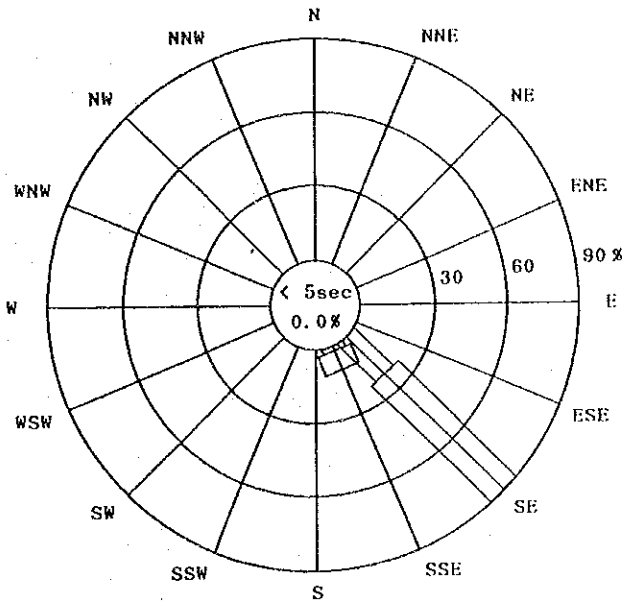
Jul. 1992



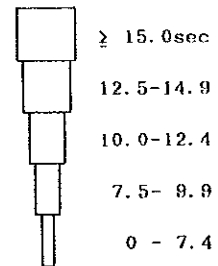
Aug. 1992



Sep. 1991



Wave Period



Station : East No.0

Distribution of Wave Direction and Wave Period

Frequency of Wave Direction and Wave Period

Station : East No. 0

All Terms (Oct. 1 1991 - Sep. 30 1992)

Direct Period	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	54 1.3	37 0.9	-	-	-	-	-	91 2.1
7.5~ 9.9	-	-	170 4.0	1390 32.4	200 4.7	8 0.2	-	-	-	1768 41.3
10.0~12.4	-	-	7 0.2	1644 38.4	635 14.8	9 0.2	1 0.0	-	-	2296 53.6
12.5~14.9	-	-	-	49 1.1	80 1.9	-	-	-	-	129 3.0
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	231 5.4	3120 72.8	915 21.4	17 0.4	1 0.0	-	-	4284 100.0

Number of Obtained Data 4284 (97.5 %)
 Number of Not Obtained 108

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Period

Station : East No. 0

Oct. 1991

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	4	152	6	-	-	-	-	162
10.0~12.4	-	-	1.1	43.2	1.7	-	-	-	-	46.0
12.5~14.9	-	-	-	160	9	-	-	-	-	169
15.0~17.4	-	-	-	45.5	2.6	-	-	-	-	48.0
17.5~19.9	-	-	-	14	7	-	-	-	-	21
20.0~ sec	-	-	-	4.0	2.0	-	-	-	-	6.0
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	4	326	22	-	-	-	-	352
	-	-	1.1	92.6	6.2	-	-	-	-	100.0

Number of Obtained Data 352 (94.6 %)
 Number of Not Obtained 20

Upper : Number of Times
 Lower : (%)

Nov. 1991

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	7	7	-	-	-	-	-	14
7.5~ 9.9	-	-	1.9	1.9	-	-	-	-	-	3.9
10.0~12.4	-	-	12	212	1	-	-	-	-	225
12.5~14.9	-	-	3.3	59.1	0.3	-	-	-	-	62.7
15.0~17.4	-	-	-	106	13	-	-	-	-	119
17.5~19.9	-	-	-	29.5	3.6	-	-	-	-	33.1
20.0~ sec	-	-	-	-	1	-	-	-	-	1
15.0~17.4	-	-	-	-	0.3	-	-	-	-	0.3
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	19	325	15	-	-	-	-	359
	-	-	5.3	90.5	4.2	-	-	-	-	100.0

Number of Obtained Data 359 (99.7 %)
 Number of Not Obtained 1

Upper : Number of Times
 Lower : (%)

Dec. 1991

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	14	5	-	-	-	-	-	19
7.5~ 9.9	-	-	3.9	1.4	-	-	-	-	-	5.3
10.0~12.4	-	-	51	172	14	-	-	-	-	237
12.5~14.9	-	-	14.1	47.6	3.9	-	-	-	-	65.7
15.0~17.4	-	-	7	86	6	-	-	-	-	99
17.5~19.9	-	-	1.9	23.8	1.7	-	-	-	-	27.4
20.0~ sec	-	-	-	4	2	-	-	-	-	6
15.0~17.4	-	-	-	1.1	0.6	-	-	-	-	1.7
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	72	267	22	-	-	-	-	361
	-	-	19.9	74.0	6.1	-	-	-	-	100.0

Number of Obtained Data 361 (97.0 %)
 Number of Not Obtained 11

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Period

Station : East No. 0

Jan. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	32 10.5	22 7.2	-	-	-	-	-	54 17.6
7.5~ 9.9	-	-	88 28.8	130 42.5	13 4.2	3 1.0	-	-	-	234 76.5
10.0~12.4	-	-	-	9 2.9	8 2.6	1 0.3	-	-	-	18 5.9
12.5~14.9	-	-	-	-	-	-	-	-	-	-
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	120 39.2	161 52.6	21 6.9	4 1.3	-	-	-	306 100.0

Number of Obtained Data 306 (82.3 %)
 Number of Not Obtained 66

Upper : Number of Times
 Lower : (%)

Feb. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	1 0.3	3 0.9	-	-	-	-	-	4 1.1
7.5~ 9.9	-	-	6 1.7	72 20.7	48 13.8	4 1.1	-	-	-	130 37.4
10.0~12.4	-	-	-	64 18.4	122 35.1	6 1.7	1 0.3	-	-	193 55.5
12.5~14.9	-	-	-	4 1.1	17 4.9	-	-	-	-	21 6.0
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	7 2.0	143 41.1	187 53.7	10 2.9	1 0.3	-	-	348 100.0

Number of Obtained Data 348 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Mar. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	-	102 27.4	30 8.1	-	-	-	-	132 35.5
10.0~12.4	-	-	-	82 22.0	139 37.4	-	-	-	-	221 59.4
12.5~14.9	-	-	-	3 0.8	16 4.3	-	-	-	-	19 5.1
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	187 50.3	185 49.7	-	-	-	-	372 100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Frequency of Wave Direction and Wave Period

Station : East No. 0

Apr. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	-	117 32.5	38 19.6	-	-	-	-	155 43.1
10.0~12.4	-	-	-	82 22.8	89 24.7	-	-	-	-	171 47.5
12.5~14.9	-	-	-	8 2.2	26 7.2	-	-	-	-	34 9.4
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	207 57.5	153 42.5	-	-	-	-	360 100.0

Number of Obtained Data 360 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

May 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	4 1.1	72 19.4	7 1.9	-	-	-	-	83 22.3
10.0~12.4	-	-	-	220 59.1	63 16.9	-	-	-	-	283 76.1
12.5~14.9	-	-	-	5 1.3	1 0.3	-	-	-	-	6 1.6
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	4 1.1	297 79.8	71 19.1	-	-	-	-	372 100.0

Number of Obtained Data 372 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Jun. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	3 0.8	92 25.6	25 6.9	-	-	-	-	120 33.3
10.0~12.4	-	-	-	194 53.9	46 12.8	-	-	-	-	240 66.7
12.5~14.9	-	-	-	-	-	-	-	-	-	-
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	3 0.8	286 79.4	71 19.7	-	-	-	-	360 100.0

Number of Obtained Data 360 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Frequency of Wave Direction and Wave Period

Station : East No. 0

Jul. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	2	166	6	-	-	-	-	174
	-	-	0.5	44.6	1.6	-	-	-	-	46.8
10.0~12.4	-	-	-	166	28	-	-	-	-	194
	-	-	-	44.6	7.5	-	-	-	-	52.2
12.5~14.9	-	-	-	2	2	-	-	-	-	4
	-	-	-	0.5	0.5	-	-	-	-	1.1
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	2	334	36	-	-	-	-	372
	-	-	0.5	89.8	9.7	-	-	-	-	100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Aug. 1992

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	-	27	5	1	-	-	-	33
	-	-	-	7.3	1.3	0.3	-	-	-	8.9
10.0~12.4	-	-	-	237	83	2	-	-	-	322
	-	-	-	63.7	22.3	0.5	-	-	-	86.6
12.5~14.9	-	-	-	9	8	-	-	-	-	17
	-	-	-	2.4	2.2	-	-	-	-	4.6
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	273	96	3	-	-	-	372
	-	-	-	73.4	25.8	0.8	-	-	-	100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

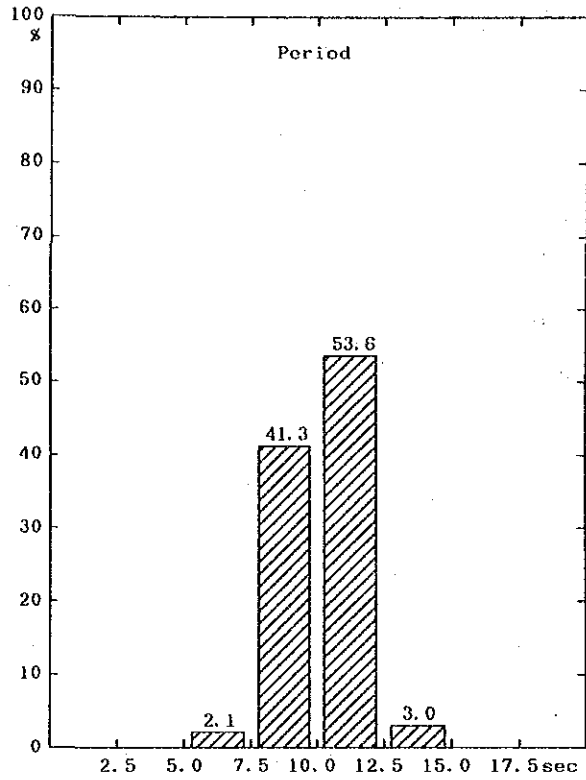
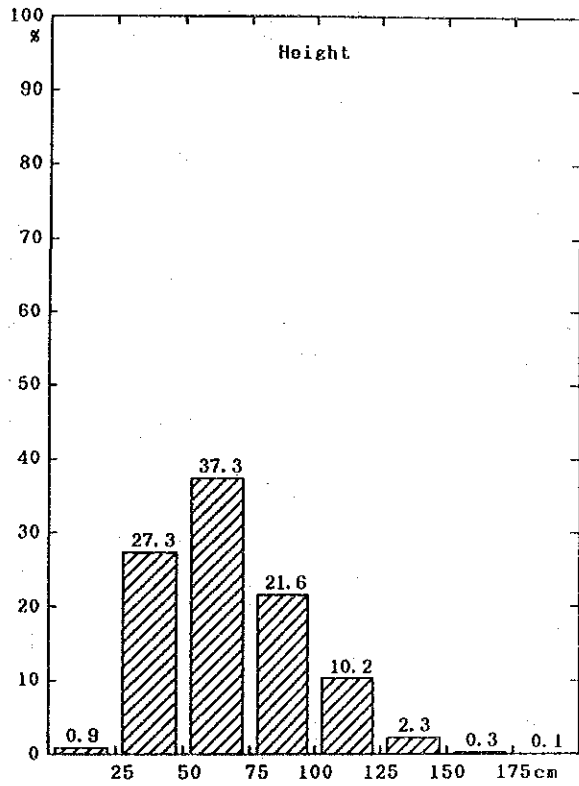
Sep. 1991

Direct Period	ENE	E	ESE	S E	SSE	S	SSW	S W	WSW	Total
~ 2.4	-	-	-	-	-	-	-	-	-	-
2.5~ 4.9	-	-	-	-	-	-	-	-	-	-
5.0~ 7.4	-	-	-	-	-	-	-	-	-	-
7.5~ 9.9	-	-	-	76	7	-	-	-	-	83
	-	-	-	21.7	2.0	-	-	-	-	23.7
10.0~12.4	-	-	-	238	29	-	-	-	-	267
	-	-	-	68.0	8.3	-	-	-	-	76.3
12.5~14.9	-	-	-	-	-	-	-	-	-	-
15.0~17.4	-	-	-	-	-	-	-	-	-	-
17.5~19.9	-	-	-	-	-	-	-	-	-	-
20.0~ sec	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	314	36	-	-	-	-	350
	-	-	-	89.7	10.3	-	-	-	-	100.0

Number of Obtained Data 350 (97.2 %)
 Number of Not Obtained 10

Upper : Number of Times
 Lower : (%)

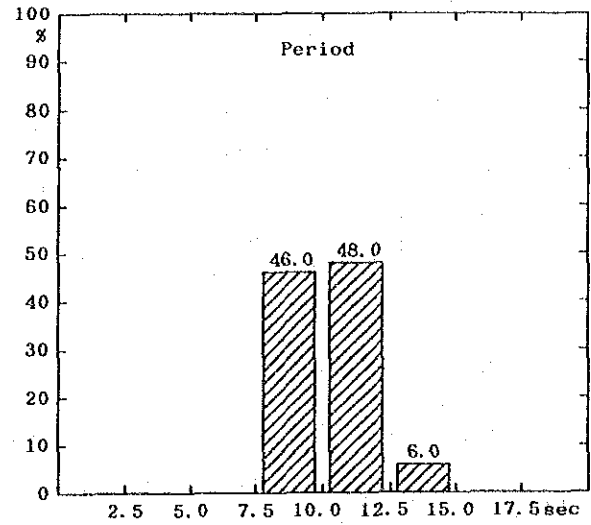
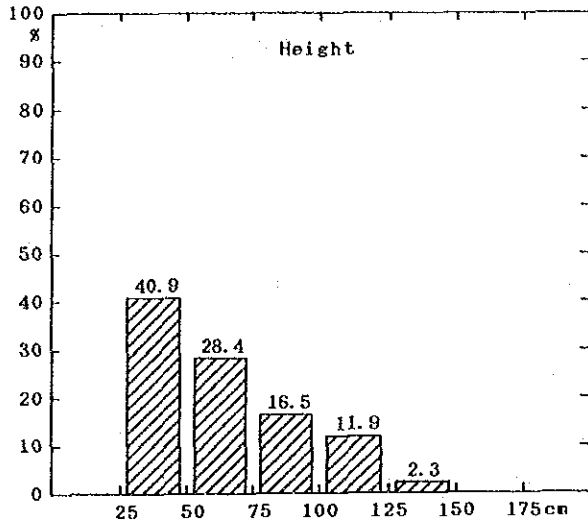
All Terms (Oct. 1 1991 - Sep.30 1992)



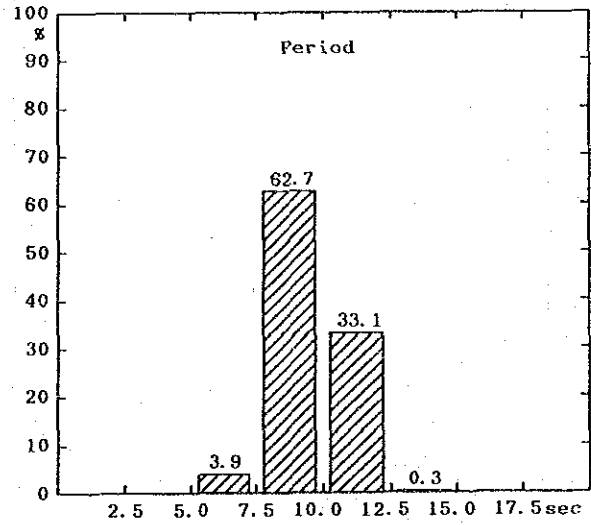
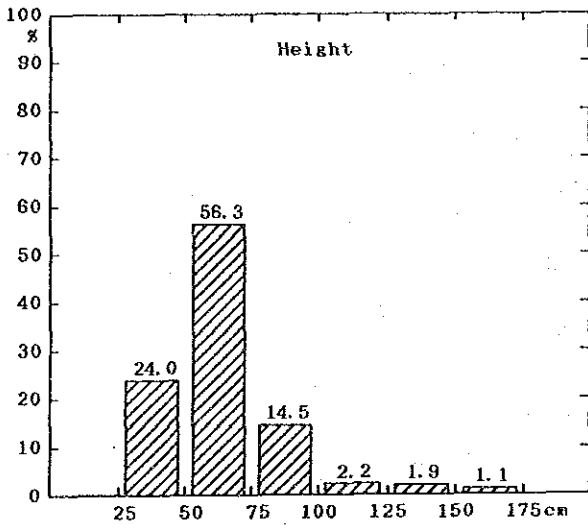
Station : East No.0

Frequency of Wave Height and Wave Period

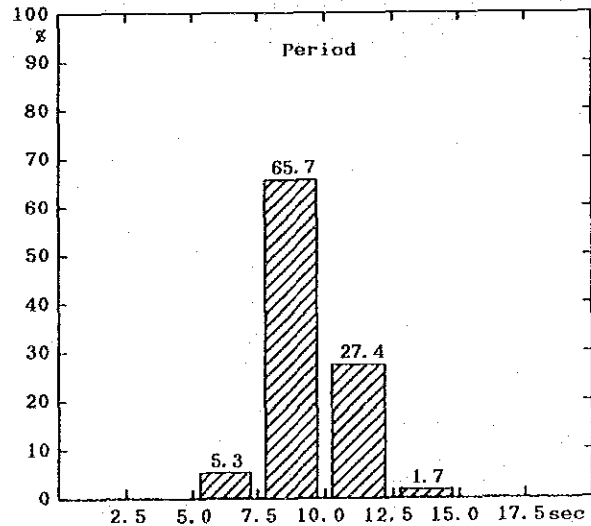
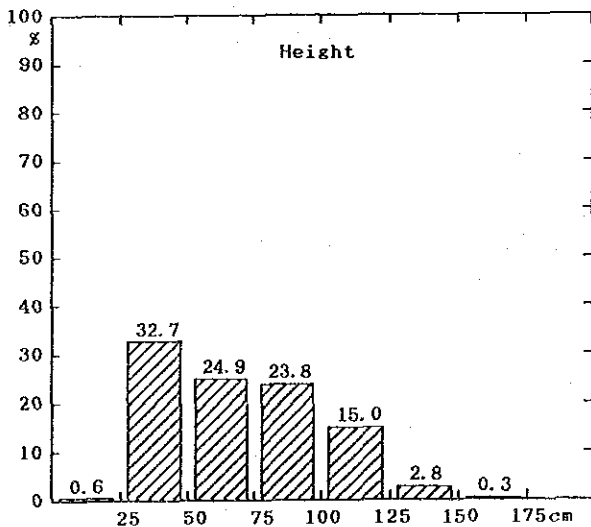
Oct. 1991



Nov. 1991



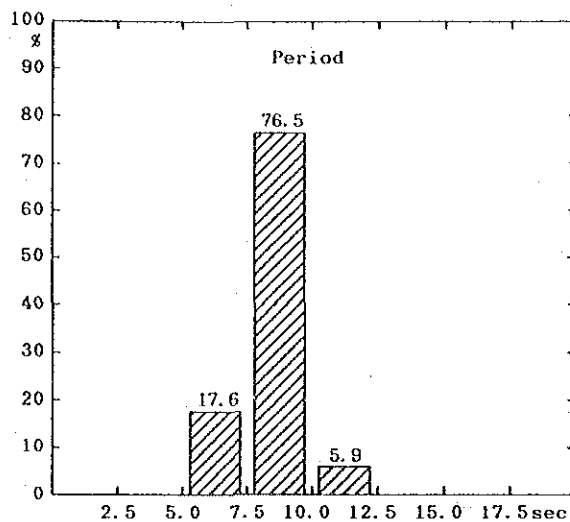
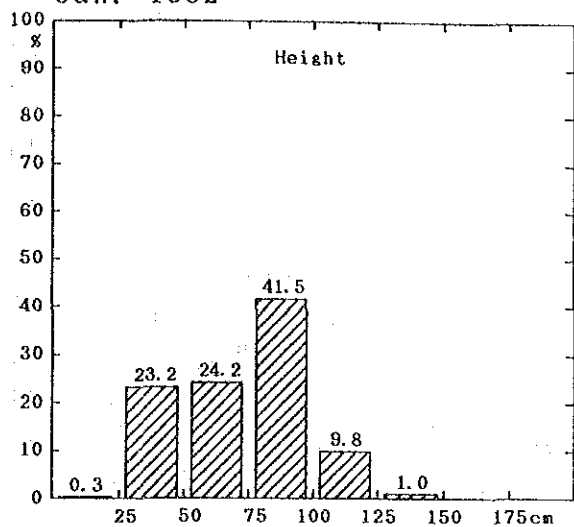
Dec. 1991



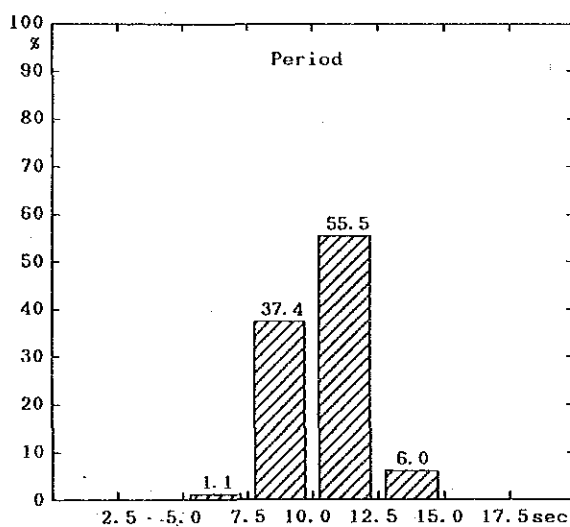
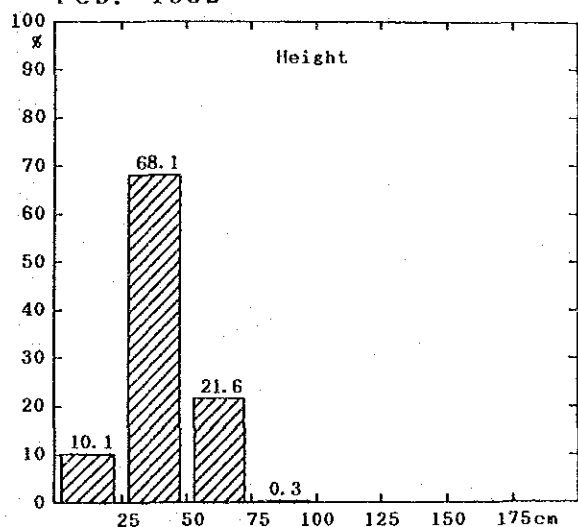
Station : East No.0

Frequency of Wave Height and Wave Period

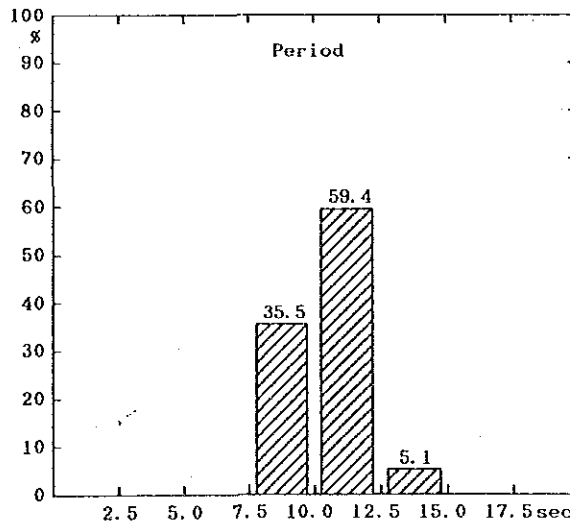
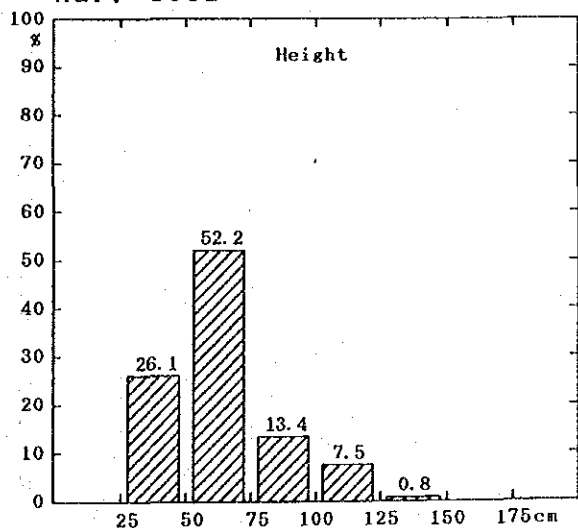
Jan. 1992



Feb. 1992



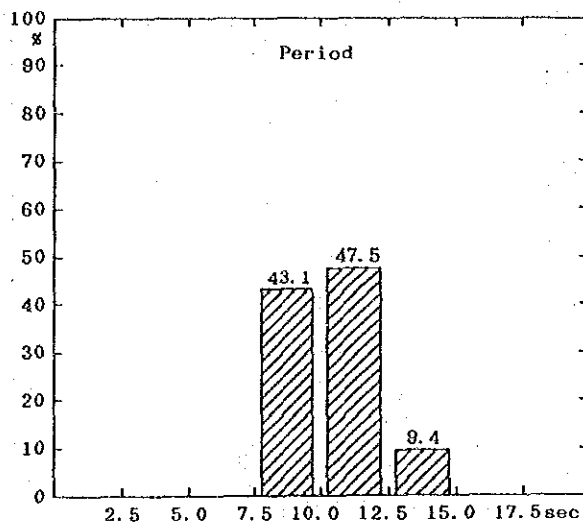
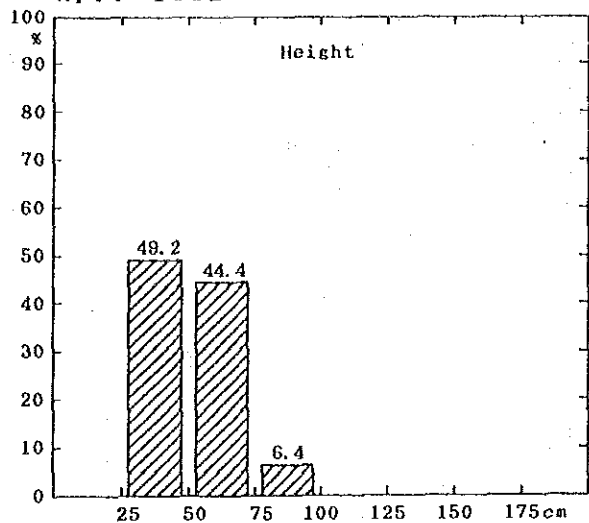
Mar. 1992



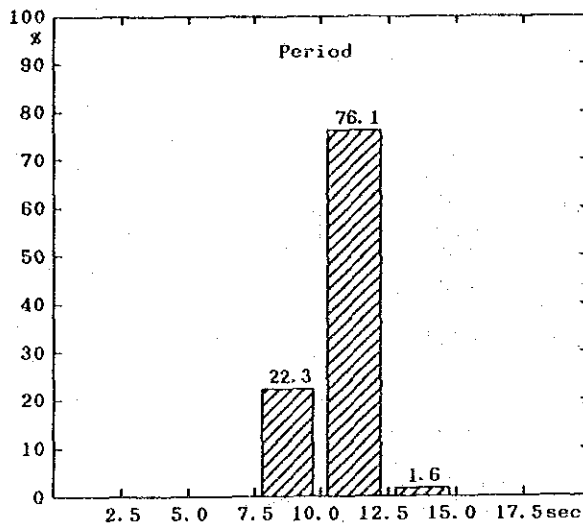
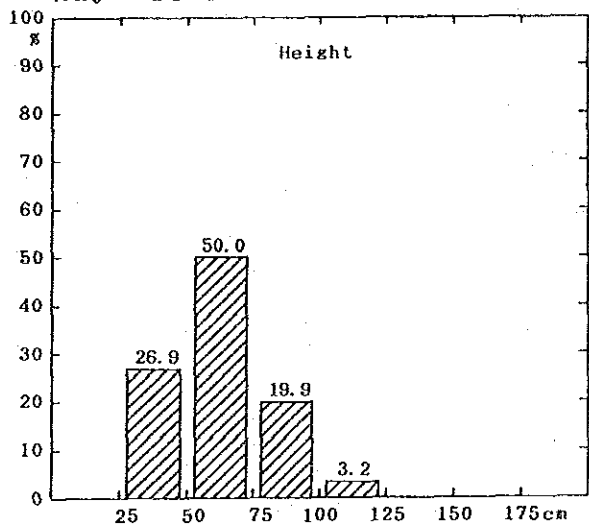
Station : East No. 0

Frequency of Wave Height and Wave Period.

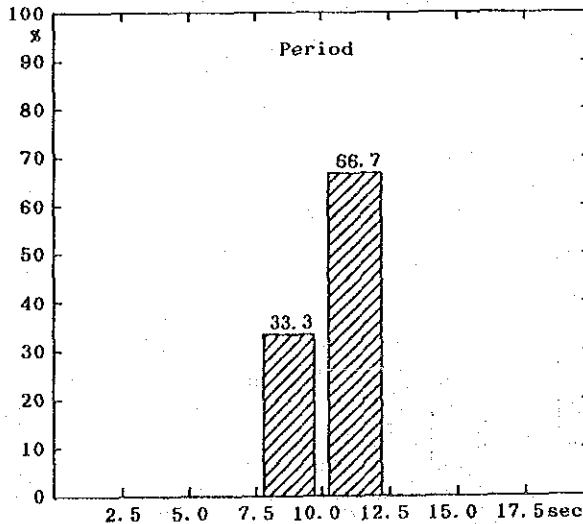
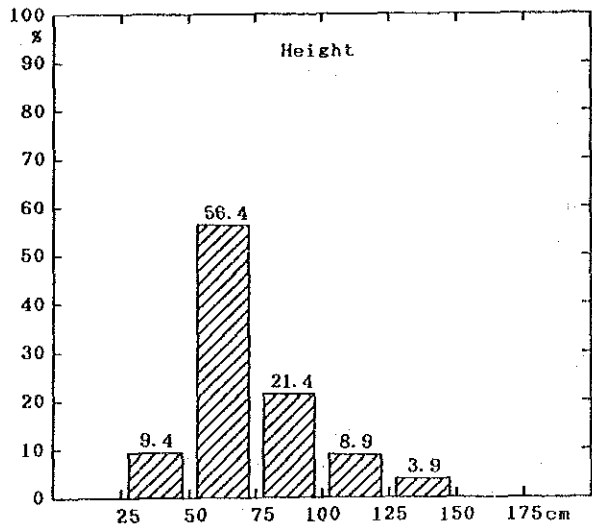
Apr. 1992



May 1992



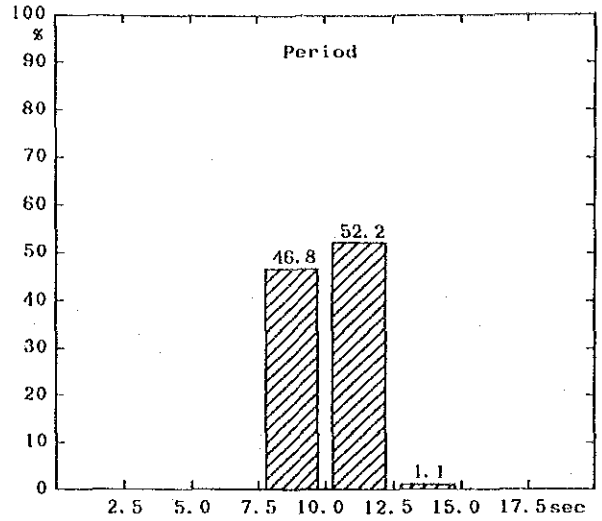
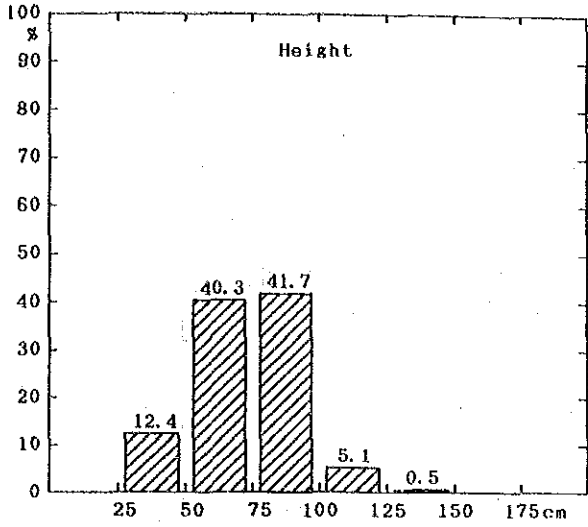
Jun. 1992



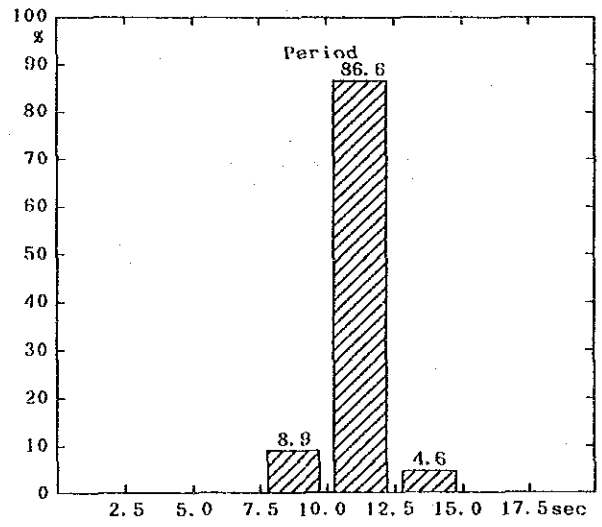
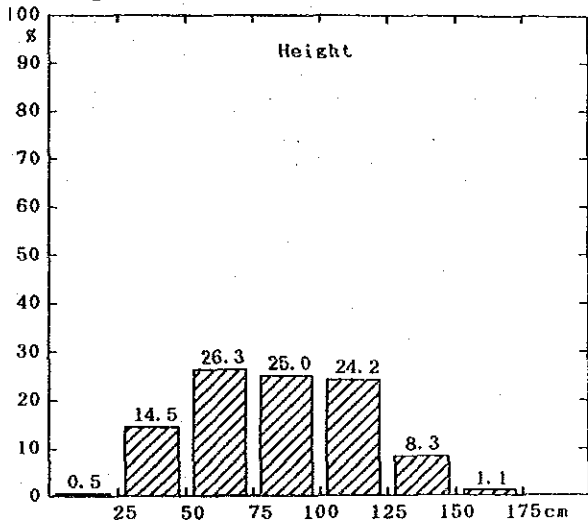
Station : East No.0

Frequency of Wave Height and Wave Period

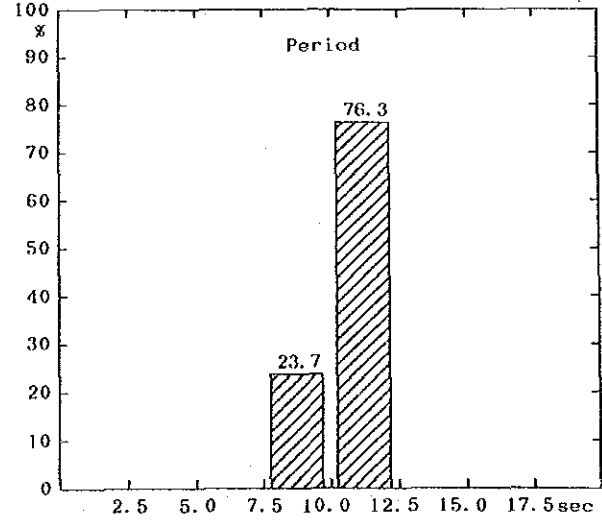
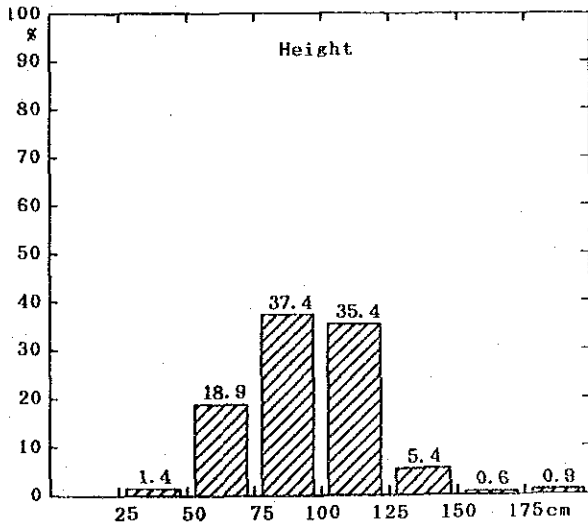
Jul. 1992



Aug. 1992



Sep. 1991



Station : East No.0

Frequency of Wave Height and Wave Period

Frequency of Wave Height and Wave Period

Station : East No. 0

All Terms (Oct. 1 1991 - Sep. 30 1992)

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	9	29	2	-	-	-	40
	-	-	-	0.2	0.7	0.0	-	-	-	0.9
25~ 49	-	-	2	548	588	31	-	-	-	1169
	-	-	0.0	12.8	13.7	0.7	-	-	-	27.3
50~ 74	-	-	26	689	827	56	-	-	-	1598
	-	-	0.6	16.1	19.3	1.3	-	-	-	37.3
75~ 99	-	-	31	395	478	23	-	-	-	927
	-	-	0.7	9.2	11.2	0.5	-	-	-	21.6
100~124	-	-	17	115	293	14	-	-	-	439
	-	-	0.4	2.7	6.8	0.3	-	-	-	10.2
125~149	-	-	10	12	72	3	-	-	-	97
	-	-	0.2	0.3	1.7	0.1	-	-	-	2.3
150~174	-	-	5	-	6	-	-	-	-	11
	-	-	0.1	-	0.1	-	-	-	-	0.3
175~199	-	-	-	-	2	-	-	-	-	2
	-	-	-	-	0.0	-	-	-	-	0.0
200~ ca	-	-	-	-	1	-	-	-	-	1
	-	-	-	-	0.0	-	-	-	-	0.0
Total	-	-	91	1768	2296	129	-	-	-	4284
	-	-	2.1	41.3	53.6	3.0	-	-	-	100.0

Number of Obtained Data : 4284 (97.5 %)
 Number of Not Obtained : 108

Upper : Number of Times
 Lower : (%)

Frequency of Wave Height and Wave Period

Station : East No. 0

Oct. 1991

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	65	77	2	-	-	-	144
50~ 74	-	-	-	18.5	21.9	0.6	-	-	-	40.9
75~ 99	-	-	-	53	38	9	-	-	-	100
100~124	-	-	-	15.1	10.8	2.6	-	-	-	28.4
125~149	-	-	-	34	17	7	-	-	-	58
150~174	-	-	-	9.7	4.8	2.0	-	-	-	16.5
175~199	-	-	-	10	29	3	-	-	-	42
200~ cm	-	-	-	2.8	8.2	0.9	-	-	-	11.9
Total	-	-	-	162	169	21	-	-	-	352
				46.0	48.0	6.0	-	-	-	100.0

Number of Obtained Data 352 (94.6 %)
 Number of Not Obtained 20

Upper : Number of Times
 Lower : (%)

Nov. 1991

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	57	28	1	-	-	-	86
50~ 74	-	-	-	15.9	7.8	0.3	-	-	-	24.0
75~ 99	-	-	-	126	76	-	-	-	-	202
100~124	-	-	-	35.1	21.2	-	-	-	-	56.3
125~149	-	-	2	35	15	-	-	-	-	52
150~174	-	-	0.6	9.7	4.2	-	-	-	-	14.5
175~199	-	-	3	5	-	-	-	-	-	8
200~ cm	-	-	0.8	1.4	-	-	-	-	-	2.2
Total	-	-	5	2	-	-	-	-	-	7
			1.4	0.6	-	-	-	-	-	1.9
			4	-	-	-	-	-	-	4
			1.1	-	-	-	-	-	-	1.1
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
			14	225	119	1	-	-	-	359
Total	-	-	3.9	62.7	33.1	0.3	-	-	-	100.0

Number of Obtained Data 359 (99.7 %)
 Number of Not Obtained 1

Upper : Number of Times
 Lower : (%)

Dec. 1991

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	1	1	-	-	-	-	2
25~ 49	-	-	-	0.3	0.3	-	-	-	-	0.6
50~ 74	-	-	-	63	53	2	-	-	-	118
75~ 99	-	-	-	17.5	14.7	0.6	-	-	-	32.7
100~124	-	-	-	73	13	4	-	-	-	90
125~149	-	-	-	20.2	3.6	1.1	-	-	-	24.9
150~174	-	-	3	64	19	-	-	-	-	86
175~199	-	-	0.8	17.7	5.3	-	-	-	-	23.8
200~ cm	-	-	11	33	10	-	-	-	-	54
Total	-	-	3.0	9.1	2.8	-	-	-	-	15.0
			4	3	3	-	-	-	-	10
			1.1	0.8	0.8	-	-	-	-	2.8
			1	-	-	-	-	-	-	1
			0.3	-	-	-	-	-	-	0.3
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-
			19	237	99	6	-	-	-	361
Total	-	-	5.3	65.7	27.4	1.7	-	-	-	100.0

Number of Obtained Data 361 (97.0 %)
 Number of Not Obtained 11

Upper : Number of Times
 Lower : (%)

Frequency of Wave Height and Wave Period

Station : East No. 0

Jan. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	1 0.3	-	-	-	-	-	1 0.3
25~ 49	-	-	1 0.3	53 17.3	17 5.6	-	-	-	-	71 23.2
50~ 74	-	-	23 7.5	50 16.3	1 0.3	-	-	-	-	74 24.2
75~ 99	-	-	26 8.5	101 33.0	-	-	-	-	-	127 41.5
100~124	-	-	3 1.0	27 8.8	-	-	-	-	-	30 9.8
125~149	-	-	1 0.3	2 0.7	-	-	-	-	-	3 1.0
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	54 17.6	234 76.5	18 5.9	-	-	-	-	306 100.0

Number of Obtained Data 306 (82.3 %)
Number of Not Obtained 66

Upper : Number of Times
Lower : (%)

Feb. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	7 2.0	27 7.8	1 0.3	-	-	-	35 10.1
25~ 49	-	-	1 0.3	107 30.7	118 33.9	11 3.2	-	-	-	237 68.1
50~ 74	-	-	3 0.9	16 4.6	47 13.5	9 2.6	-	-	-	75 21.6
75~ 99	-	-	-	-	1 0.3	-	-	-	-	1 0.3
100~124	-	-	-	-	-	-	-	-	-	-
125~149	-	-	-	-	-	-	-	-	-	-
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	4 1.1	130 37.4	193 55.5	21 6.0	-	-	-	348 100.0

Number of Obtained Data 348 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Mar. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	39 10.5	58 15.6	-	-	-	-	97 26.1
50~ 74	-	-	-	88 23.7	106 28.5	-	-	-	-	194 52.2
75~ 99	-	-	-	5 1.3	40 10.8	5 1.3	-	-	-	50 13.4
100~124	-	-	-	-	17 4.6	11 3.0	-	-	-	28 7.5
125~149	-	-	-	-	-	3 0.8	-	-	-	3 0.8
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	132 35.5	221 59.4	19 5.1	-	-	-	372 100.0

Number of Obtained Data 372 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Frequency of Wave Height and Wave Period

Station : East No. 0

Apr. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	92 25.6	81 22.5	4 1.1	-	-	-	177 49.2
50~ 74	-	-	-	61 16.9	77 21.4	22 6.1	-	-	-	160 44.4
75~ 99	-	-	-	2 0.6	13 3.6	8 2.2	-	-	-	23 6.4
100~124	-	-	-	-	-	-	-	-	-	-
125~149	-	-	-	-	-	-	-	-	-	-
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	155 43.1	171 47.5	34 9.4	-	-	-	360 100.0

Number of Obtained Data 360 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

May 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	36 9.7	61 16.4	3 0.8	-	-	-	100 26.9
50~ 74	-	-	-	39 10.5	145 39.0	2 0.5	-	-	-	186 50.0
75~ 99	-	-	-	8 2.2	65 17.5	1 0.3	-	-	-	74 19.9
100~124	-	-	-	-	12 3.2	-	-	-	-	12 3.2
125~149	-	-	-	-	-	-	-	-	-	-
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	83 22.3	283 76.1	6 1.6	-	-	-	372 100.0

Number of Obtained Data 372 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Jun. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	6 1.7	28 7.8	-	-	-	-	34 9.4
50~ 74	-	-	-	80 22.2	123 34.2	-	-	-	-	203 56.4
75~ 99	-	-	-	26 7.2	51 14.2	-	-	-	-	77 21.4
100~124	-	-	-	7 1.9	25 6.9	-	-	-	-	32 8.9
125~149	-	-	-	1 0.3	13 3.6	-	-	-	-	14 3.9
150~174	-	-	-	-	-	-	-	-	-	-
175~199	-	-	-	-	-	-	-	-	-	-
200~ cm	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	120 33.3	240 66.7	-	-	-	-	360 100.0

Number of Obtained Data 360 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Frequency of Wave Height and Wave Period

Station : East No. 0

Jul. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	24	19	3	-	-	-	46
50~ 74	-	-	-	6.5	5.1	0.8	-	-	-	12.4
75~ 99	-	-	-	63	86	1	-	-	-	150
100~124	-	-	-	16.9	23.1	0.3	-	-	-	40.3
125~149	-	-	-	76	79	-	-	-	-	155
150~174	-	-	-	20.4	21.2	-	-	-	-	41.7
175~199	-	-	-	10	9	-	-	-	-	19
200~ cm	-	-	-	2.7	2.4	-	-	-	-	5.1
Total	-	-	-	1	1	-	-	-	-	2
Total	-	-	-	0.3	0.3	-	-	-	-	0.5
Total	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	174	194	4	-	-	-	372
Total	-	-	-	46.8	52.2	1.1	-	-	-	100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Aug. 1992

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	1	1	-	-	-	2
25~ 49	-	-	-	4	45	5	-	-	-	54
50~ 74	-	-	-	1.1	12.1	1.3	-	-	-	14.5
75~ 99	-	-	-	4	85	9	-	-	-	98
100~124	-	-	-	1.1	22.8	2.4	-	-	-	26.3
125~149	-	-	-	7	84	2	-	-	-	93
150~174	-	-	-	1.9	22.6	0.5	-	-	-	25.0
175~199	-	-	-	15	75	-	-	-	-	90
200~ cm	-	-	-	4.0	20.2	-	-	-	-	24.2
Total	-	-	-	3	28	-	-	-	-	31
Total	-	-	-	0.8	7.5	-	-	-	-	8.3
Total	-	-	-	-	4	-	-	-	-	4
Total	-	-	-	-	1.1	-	-	-	-	1.1
Total	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	33	322	17	-	-	-	372
Total	-	-	-	8.9	86.6	4.6	-	-	-	100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

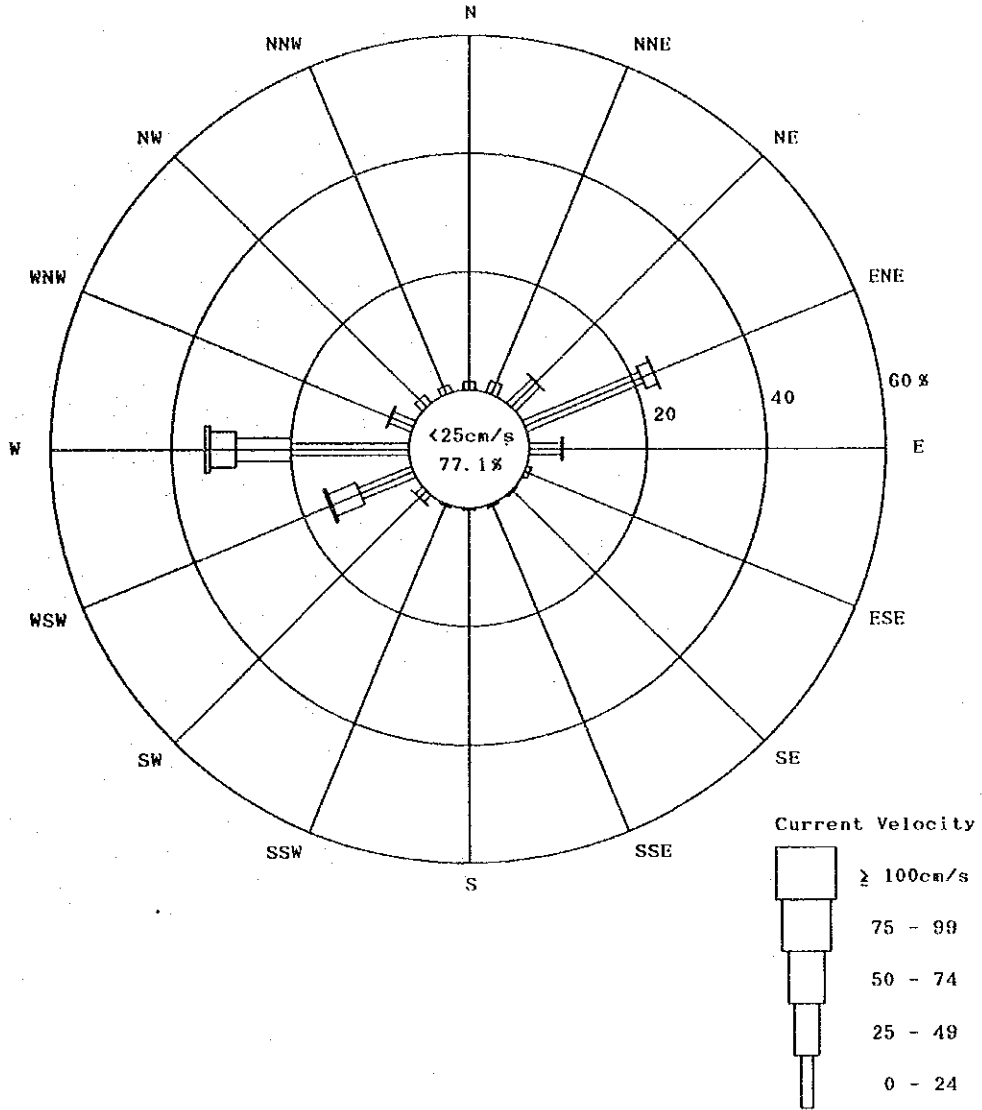
Sep. 1991

Period Height	~ 2.4	2.5~ 4.9	5.0~ 7.4	7.5~ 9.9	10.0~ 12.4	12.5~ 14.9	15.0~ 17.4	17.5~ 19.9	20.0~ sec	Total
~ 24	-	-	-	-	-	-	-	-	-	-
25~ 49	-	-	-	2	3	-	-	-	-	5
50~ 74	-	-	-	0.6	0.9	-	-	-	-	1.4
75~ 99	-	-	-	36	30	-	-	-	-	66
100~124	-	-	-	10.3	8.6	-	-	-	-	18.9
125~149	-	-	-	37	94	-	-	-	-	131
150~174	-	-	-	10.6	26.9	-	-	-	-	37.4
175~199	-	-	-	8	116	-	-	-	-	124
200~ cm	-	-	-	2.3	33.1	-	-	-	-	35.4
Total	-	-	-	19	19	-	-	-	-	38
Total	-	-	-	-	5.4	-	-	-	-	5.4
Total	-	-	-	-	2	-	-	-	-	2
Total	-	-	-	-	0.6	-	-	-	-	0.6
Total	-	-	-	-	2	-	-	-	-	2
Total	-	-	-	-	0.6	-	-	-	-	0.6
Total	-	-	-	-	1	-	-	-	-	1
Total	-	-	-	-	0.3	-	-	-	-	0.3
Total	-	-	-	83	267	-	-	-	-	350
Total	-	-	-	23.7	76.3	-	-	-	-	100.0

Number of Obtained Data 350 (97.2 %)
 Number of Not Obtained 10

Upper : Number of Times
 Lower : (%)

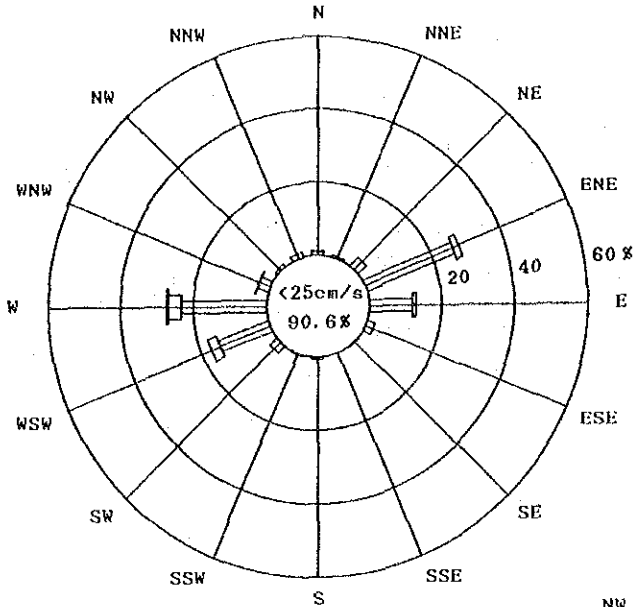
All Terms (Oct. 1 1991 - Sep. 30 1992)



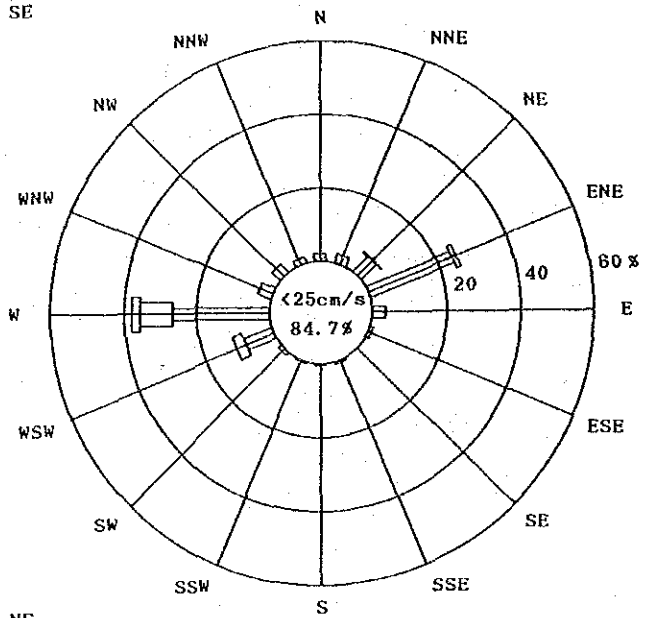
Station : East No. 0

Distribution of Current

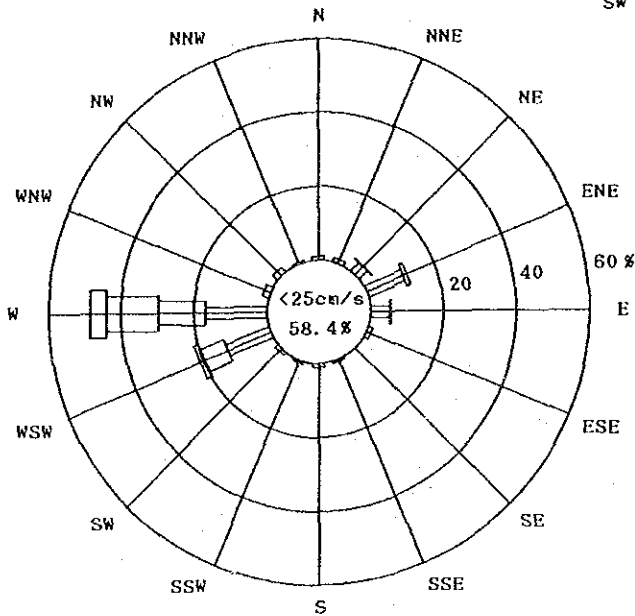
Oct. 1991



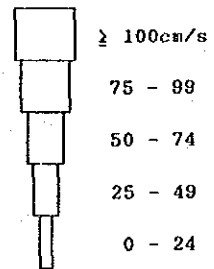
Nov. 1991



Dec. 1991



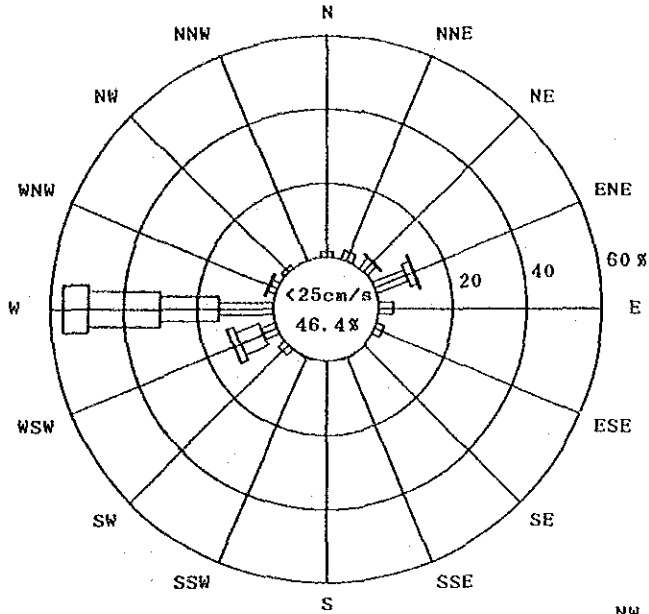
Current Velocity



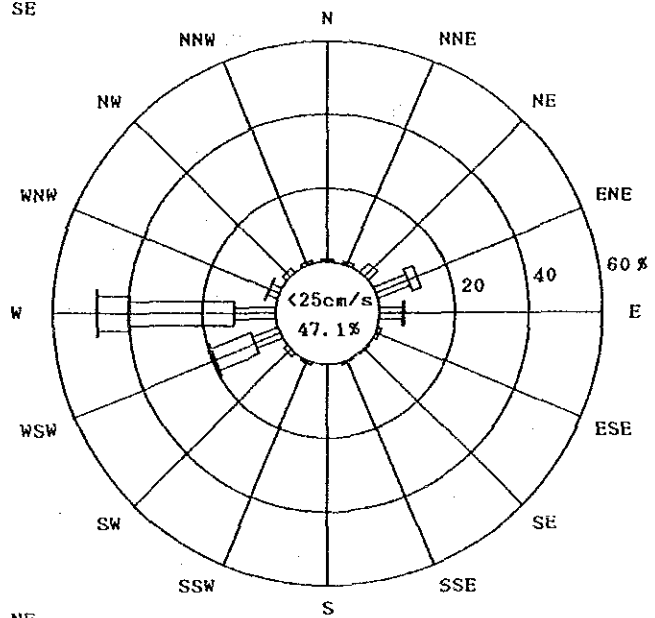
Station : East No.0

Distribution of Current

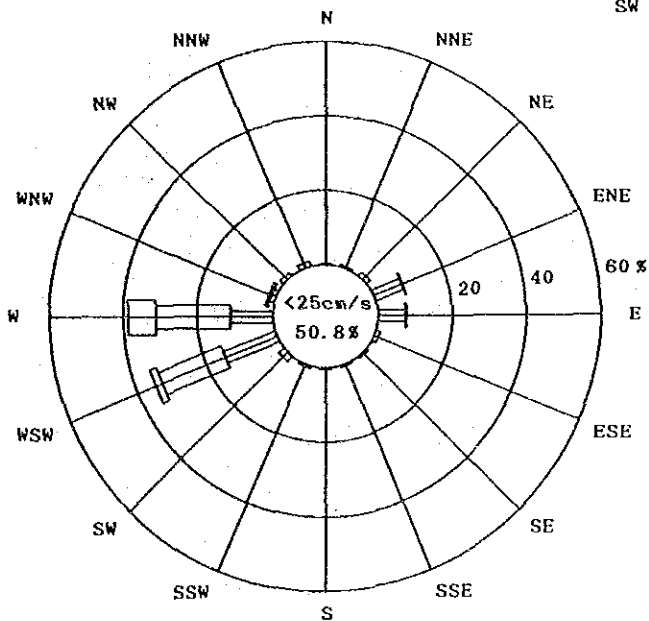
Jan. 1992



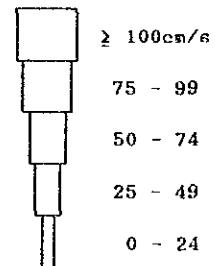
Feb. 1992



Mar. 1992



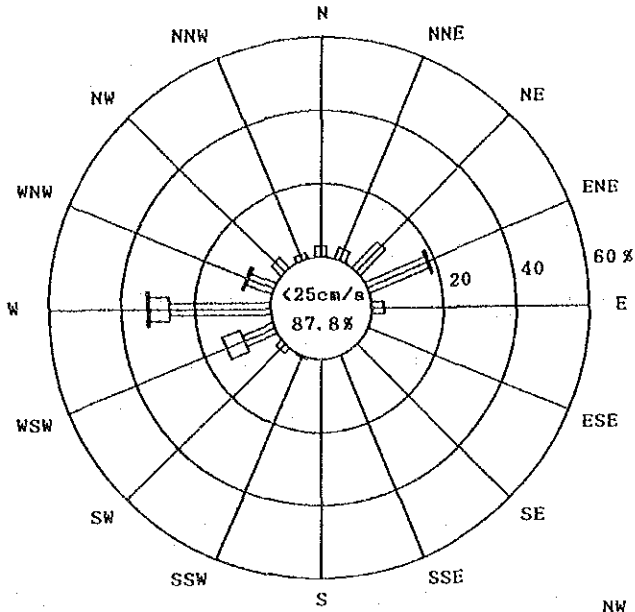
Current Velocity



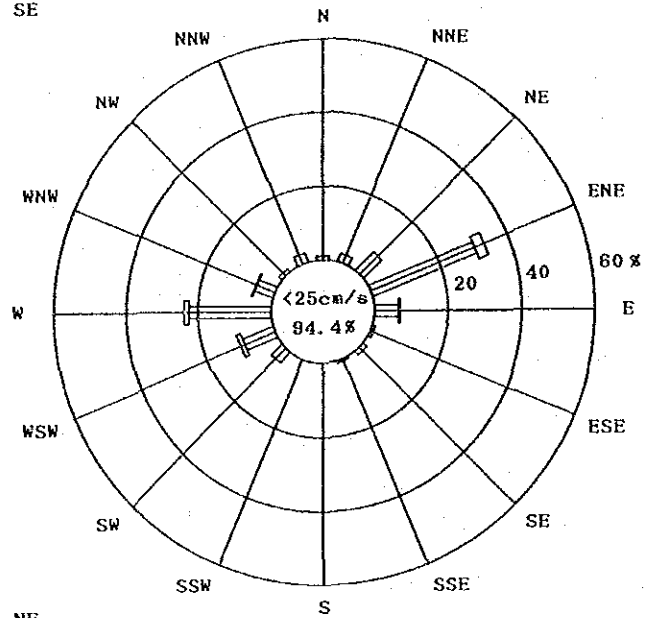
Station : East No.0

Distribution of Current

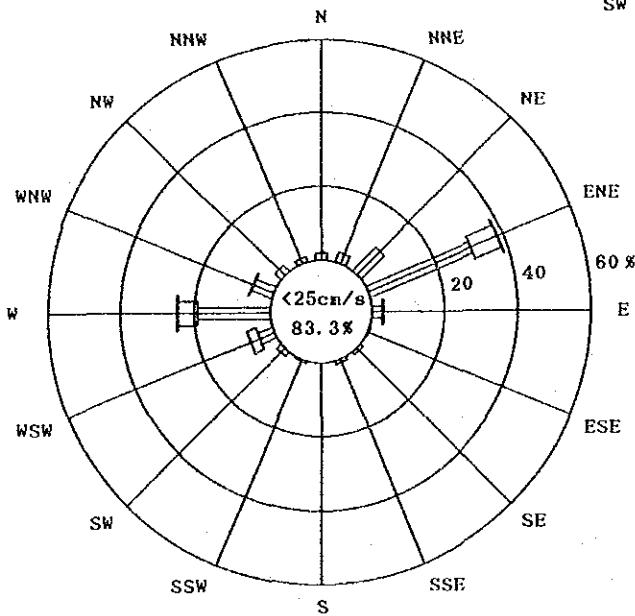
Apr. 1992



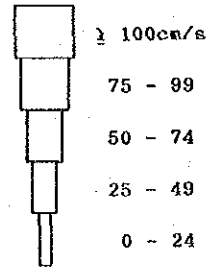
May 1992



Jun. 1992



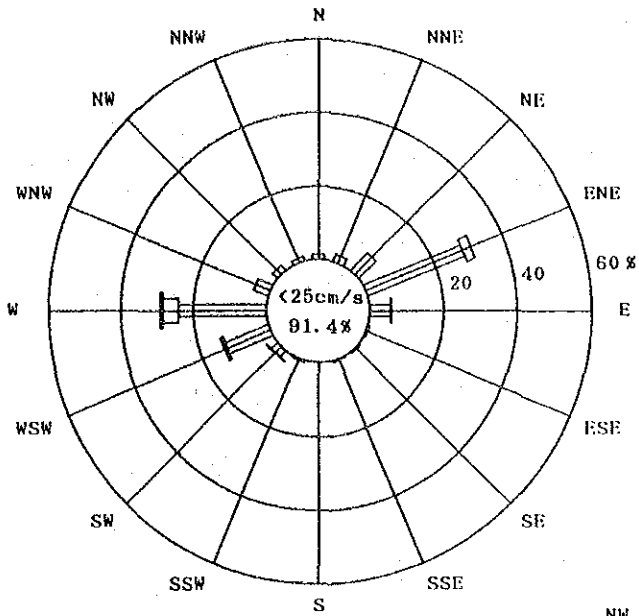
Current Velocity



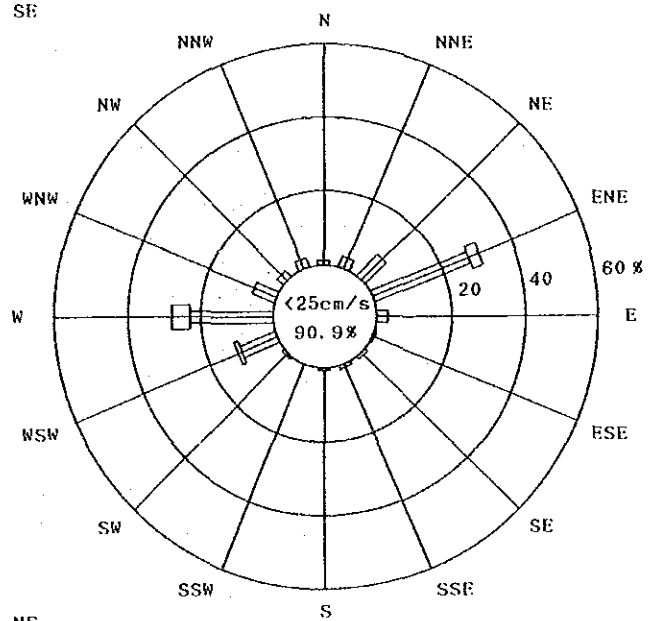
Station : East No. 0

Distribution of Current

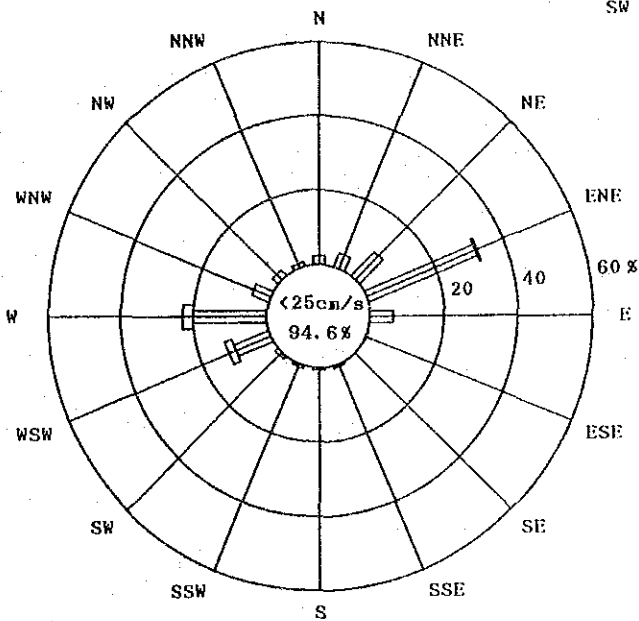
Jul. 1992



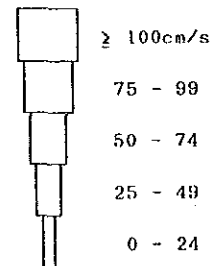
Aug. 1992



Sep. 1991



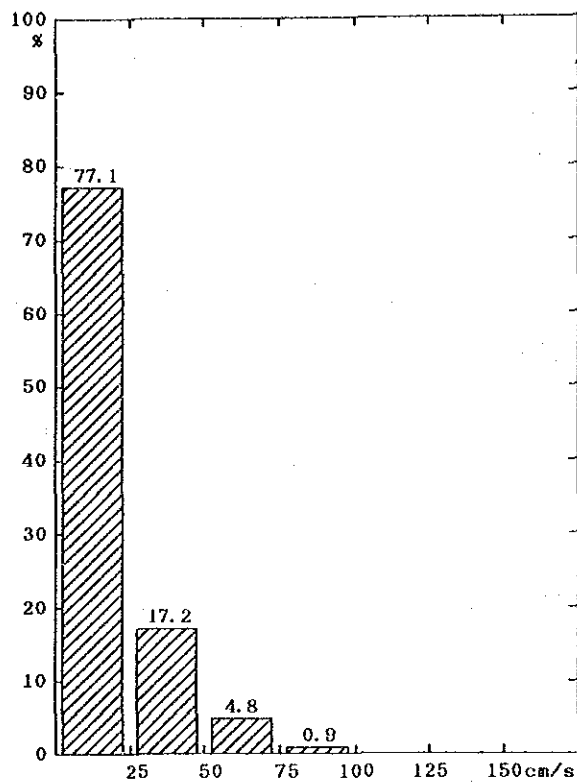
Current Velocity



Station : East No. 0

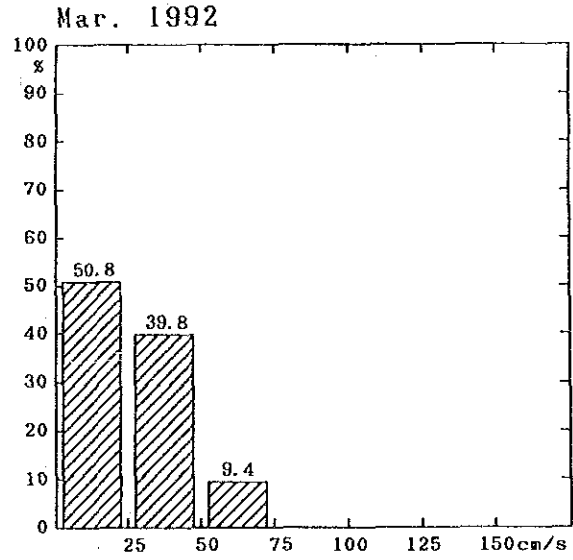
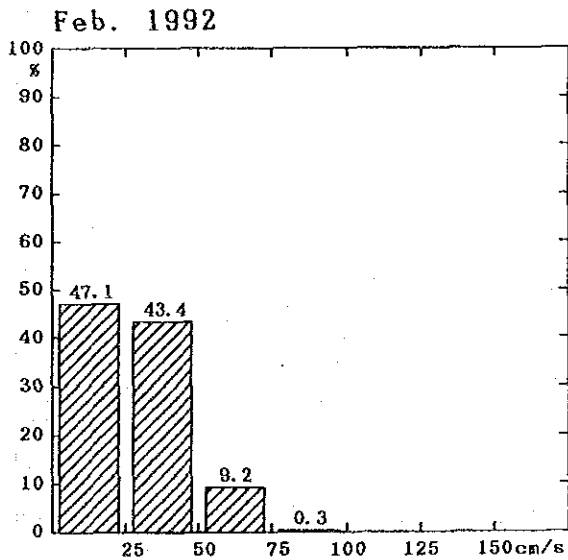
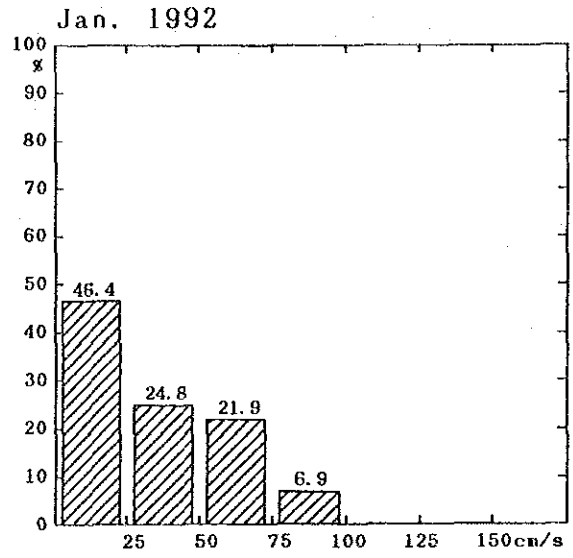
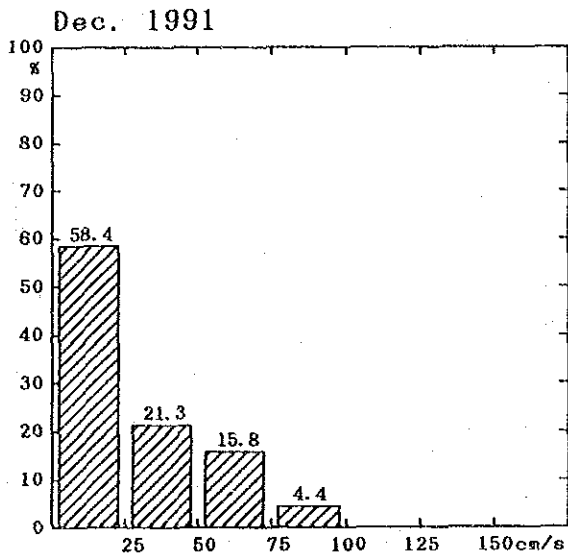
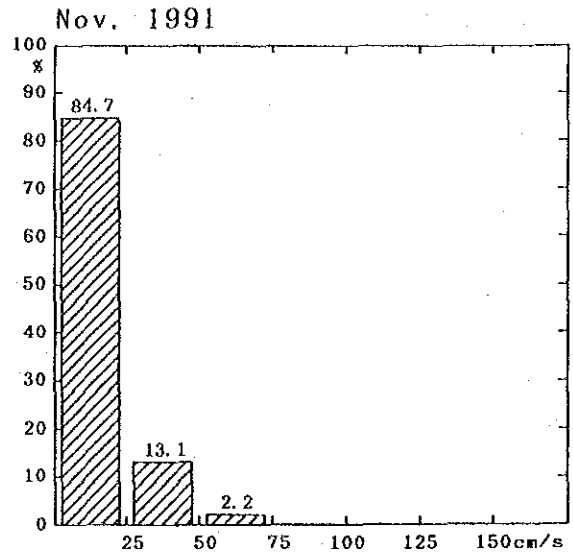
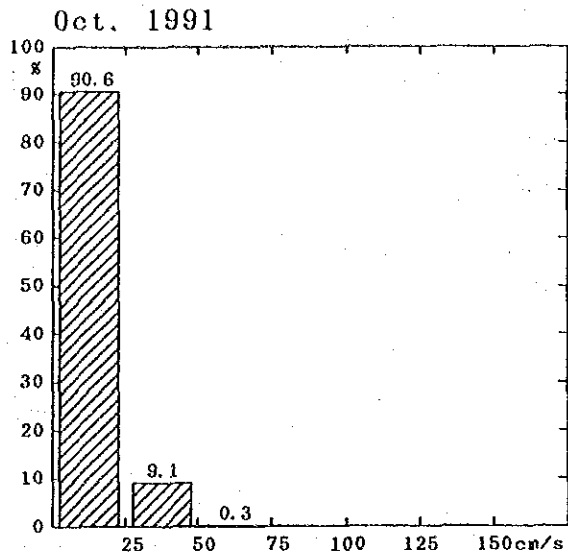
Distribution of Current

All Terms (Oct. 1 1991 - Sep. 30 1992)



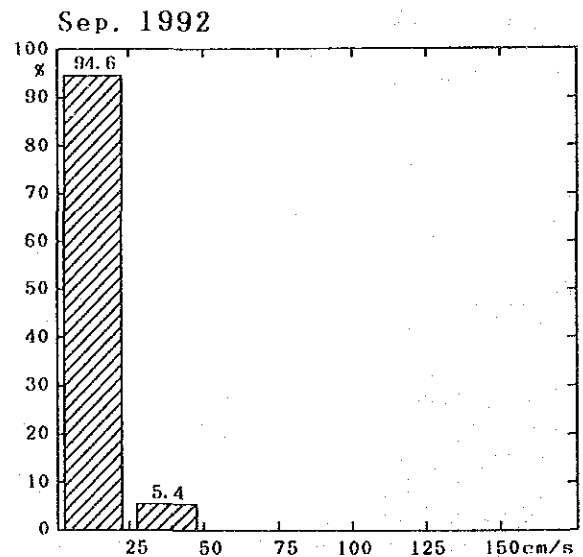
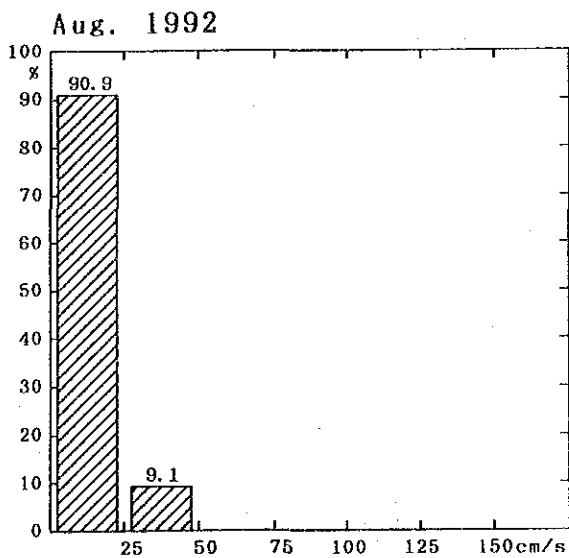
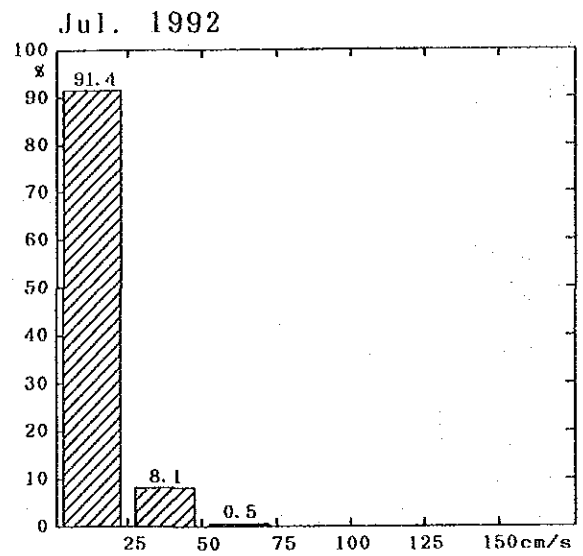
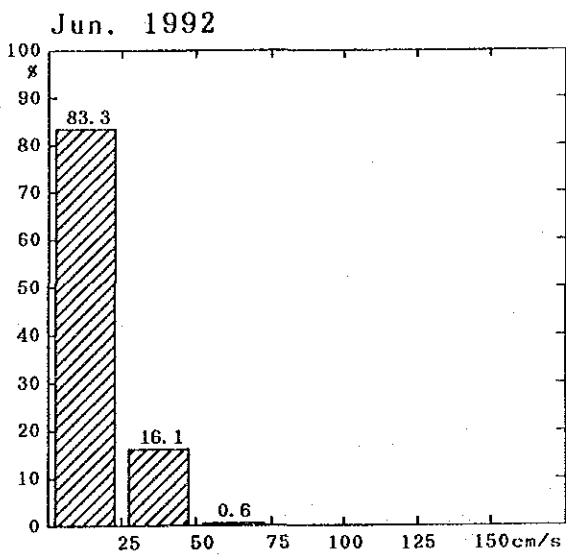
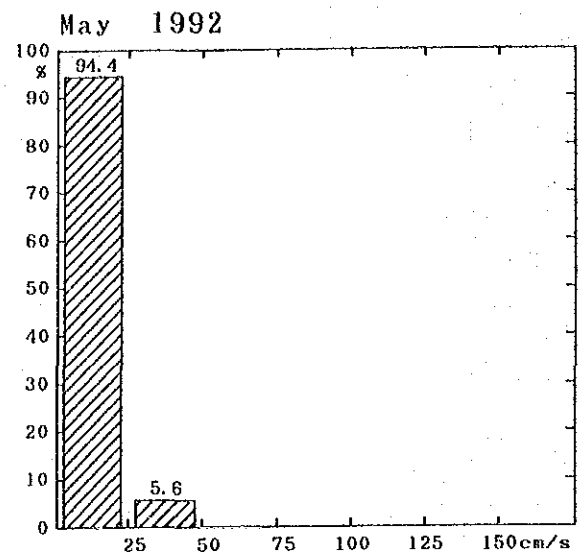
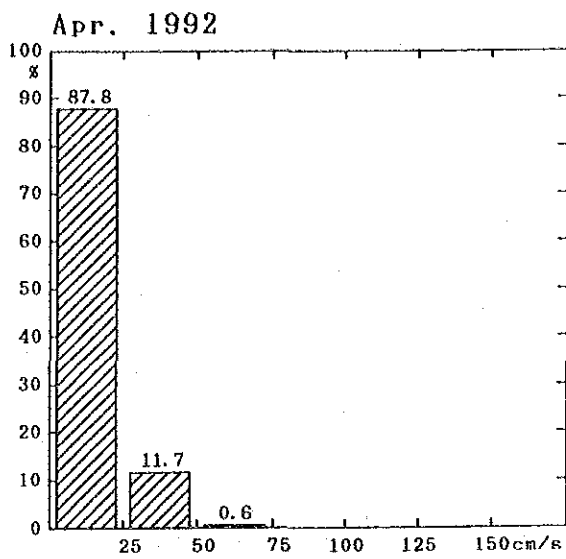
Station : East No. 0

Frequency of Current Velocity



Station : East No.0

Frequency of Current Velocity



Station : East No. 0

Frequency of Current Velocity

Frequency of Current Direction and Current Velocity

Station : East No.0

All Terms (Oct. 1 1991 - Sep.30 1992)

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	89 2.1	249 5.8	917 21.4	234 5.5	38 0.9	17 0.4	19 0.4	12 0.3	16 0.4	71 1.7	418 9.8	858 20.0	172 4.0	77 1.8	58 1.4	60 1.4	3305 77.1
25.0~49.9	-	0.1	92 2.1	11 0.3	-	-	-	-	-	1 0.0	217 5.1	401 9.4	10 0.2	-	-	-	735 17.2
50.0~74.9	-	-	2 0.0	-	-	-	-	-	-	20 0.5	184 4.3	38 0.9	-	-	-	-	206 4.8
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38 0.9
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	89 2.1	252 5.9	1011 23.6	245 5.7	38 0.9	17 0.4	19 0.4	12 0.3	16 0.4	72 1.7	655 15.3	1381 34.6	182 4.2	77 1.8	58 1.4	60 1.4	4284 100.0

Number of Obtained Data 4284 (97.5 %)
 Number of Not Obtained 108

Upper : Number of Times
 Lower : (%)

Frequency of Current Direction and Current Velocity

Station : East No.0

Oct. 1991

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	1	11	92	42	8	1	1	2	0.6	2.6	5.1	82	10	2	4	3	319
	0.3	3.1	26.1	11.9	2.3	0.3	-	0.6	0.3	2.6	14.5	23.3	2.8	0.6	1.1	0.9	90.6
25.0~49.9	-	-	6	3	-	-	-	-	-	9	13	13	1	-	-	-	32
	-	-	1.7	0.9	-	-	-	-	-	2.6	3.7	3.7	0.3	-	-	-	9.1
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	0.3
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0.3	3.1	27.8	12.8	2.3	0.3	-	0.6	0.3	2.6	17.0	27.3	3.1	0.6	1.1	0.9	352

Number of Obtained Data 352 (94.6 %)
 Number of Not Obtained 20

Upper : Number of Times
 Lower : (%)

Nov. 1991

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	10	20	87	13	3	-	2	1	1	3	29	96	14	11	6	8	304
	2.8	5.6	24.2	3.6	0.8	-	0.6	0.3	0.3	0.8	8.1	26.7	3.9	3.1	1.7	2.2	84.7
25.0~49.9	-	1	4	-	-	-	-	-	-	10	32	32	-	-	-	-	47
	-	0.3	1.1	-	-	-	-	-	-	2.8	8.9	8.9	-	-	-	-	13.1
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	8
	-	-	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	2.2
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	21	91	13	3	-	2	1	1	3	39	136	14	11	6	8	359
	2.8	5.8	25.3	3.6	0.8	-	0.6	0.3	0.3	0.8	10.9	37.9	3.9	3.1	1.7	2.2	100.0

Number of Obtained Data 359 (99.7 %)
 Number of Not Obtained 1

Upper : Number of Times
 Lower : (%)

Frequency of Current Direction and Current Velocity

Station : East No.0

Dec. 1991

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	4 1.1	11 3.0	39 10.8	19 5.3	4 1.1	-	2 0.6	3 0.8	2 0.6	3 0.8	45 12.5	61 16.9	6 1.7	6 1.7	2 0.6	4 1.1	211 52.4
25.0~49.9	-	1 0.3	4 1.1	1 0.3	-	-	-	-	-	-	25 6.9	46 12.7	-	-	-	-	77 21.3
50.0~74.9	-	-	-	-	-	-	-	-	-	-	5 1.4	52 14.4	-	-	-	-	57 15.8
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	16 4.4	-	-	-	-	16 4.4
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	4 1.1	12 3.3	43 11.9	20 5.5	4 1.1	-	2 0.6	3 0.8	2 0.6	3 0.8	75 20.8	175 48.5	6 1.7	6 1.7	2 0.6	4 1.1	361 100.0

Number of Obtained Data 361 (97.0 %)
 Number of Not Obtained 11

Upper : Number of Times
 Lower : (%)

Jan. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	7 2.3	10 3.3	28 9.2	12 3.9	7 2.3	-	1 0.3	-	1 0.3	7 2.3	12 3.9	44 14.4	6 2.0	3 1.0	-	4 1.3	142 46.4
25.0~49.9	-	1 0.3	6 2.0	-	-	-	-	-	-	-	20 6.5	48 15.7	1 0.3	-	-	-	76 24.8
50.0~74.9	-	-	1 0.3	-	-	-	-	-	-	-	6 2.0	60 19.6	-	-	-	-	67 21.9
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	21 6.9	-	-	-	-	21 6.9
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7 2.3	11 3.6	35 11.4	12 3.9	7 2.3	-	1 0.3	-	1 0.3	7 2.3	38 12.4	173 56.5	7 2.3	3 1.0	-	4 1.3	306 100.0

Number of Obtained Data 306 (82.3 %)
 Number of Not Obtained 66

Upper : Number of Times
 Lower : (%)

Frequency of Current Direction and Current Velocity

Station : East No.0

Feb. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	MNW	NW	NNW	N	Total
~ 24.9	3 0.9	12 3.4	32 9.2	21 6.0	3 0.9	1 0.3	2 0.6	-	2 0.6	4 1.1	26 7.5	39 11.2	9 2.6	5 1.4	3 0.9	2 0.6	164 47.1
25.0~49.9	-	-	2.6 0.6	2 0.6	-	-	-	-	-	-	40 11.5	89 28.4	1 0.3	-	-	-	151 43.4
50.0~74.9	-	-	-	-	-	-	-	-	-	-	2 0.6	30 8.8	-	-	-	-	32 9.2
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	1 0.3	-	-	-	-	1 0.3
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3 0.9	12 3.4	41 11.8	23 6.6	3 0.9	1 0.3	2 0.6	-	2 0.6	4 1.1	68 19.5	169 48.6	10 2.9	5 1.4	3 0.9	2 0.6	348 100.0

Number of Obtained Data 348 (100.0 %)

Number of Not Obtained 0

Upper : Number of Times

Lower : (%)

Mar. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	MNW	NW	NNW	N	Total
~ 24.9	2 0.5	5 1.3	30 8.1	27 7.3	4 1.1	2 0.5	1 0.3	1 0.3	2 0.5	6 1.6	54 14.5	41 11.0	4 1.1	4 1.1	5 1.3	1 0.3	189 50.8
25.0~49.9	-	-	1 0.3	1 0.3	-	-	-	-	-	-	88 20.2	75 20.2	3 0.8	-	-	-	148 39.8
50.0~74.9	-	-	-	-	-	-	-	-	-	-	7 1.9	28 7.5	-	-	-	-	35 9.4
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2 0.5	5 1.3	31 8.3	28 7.5	4 1.1	2 0.5	1 0.3	1 0.3	2 0.5	6 1.6	129 34.7	144 38.7	7 1.8	4 1.1	5 1.3	1 0.3	372 100.0

Number of Obtained Data 372 (100.0 %)

Number of Not Obtained 0

Upper : Number of Times

Lower : (%)

Frequency of Current Direction and Current Velocity

Station : East No.0

Apr. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	MNW	N	Total
~ 24.9	11 3.1	35 9.7	64 17.8	12 3.3	-	-	-	1 0.3	2 0.6	7 1.9	32 8.9	97 26.9	27 7.5	13 3.6	5 1.4	10 2.8	316 87.8
25.0~49.9	-	-	0.6	-	-	-	-	-	-	-	18 5.0	20 5.6	2 0.6	-	-	-	42 11.7
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	2 0.5	-	-	-	-	2 0.5
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	11 3.1	35 9.7	66 18.3	12 3.3	-	-	-	1 0.3	2 0.6	7 1.9	50 13.9	119 33.1	29 8.1	13 3.6	5 1.4	10 2.8	360 100.0

Number of Obtained Data 360 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

May 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	MNW	N	Total
~ 24.9	9 2.4	26 7.0	114 30.6	24 6.5	3 0.8	5 1.3	2 0.5	-	-	14 3.8	33 8.9	84 22.6	19 5.1	4 1.1	10 2.7	4 1.1	351 94.4
25.0~49.9	-	-	10 2.7	2 0.5	-	-	-	-	-	-	4 1.1	4 1.1	1 0.3	-	-	-	21 5.6
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	9 2.4	26 7.0	124 33.3	26 7.0	3 0.8	5 1.3	2 0.5	-	-	14 3.8	37 9.9	88 23.7	20 5.4	4 1.1	10 2.7	4 1.1	372 100.0

Number of Obtained Data 372 (100.0 %)
Number of Not Obtained 0

Upper : Number of Times
Lower : (%)

Frequency of Current Direction and Current Velocity

Station : East No.0

Jun. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	10 2.8	32 8.9	110 30.6	10 2.8	1 0.3	3 0.8	3 0.8	-	1 0.3	5 1.4	15 4.2	59 19.2	21 5.8	8 2.2	5 1.4	7 1.9	300 83.3
25.0~49.9	-	-	28 7.8	1 0.3	-	-	-	-	-	-	2.5 0.7	19 5.3	1 0.3	-	-	-	58 16.1
50.0~74.9	-	-	1 0.3	-	-	-	-	-	-	-	-	1 0.3	-	-	-	-	2 0.6
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	10 2.8	32 8.9	139 38.6	11 3.1	1 0.3	3 0.8	3 0.8	-	1 0.3	5 1.4	24 6.7	89 24.7	22 6.1	8 2.2	5 1.4	7 1.9	360 100.0

Number of Obtained Data 360 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Jul. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	7 1.9	25 6.7	106 28.5	21 5.8	2 0.5	2 0.5	1 0.3	-	2 0.5	8 2.2	47 12.6	90 24.2	15 4.0	6 1.6	4 1.1	4 1.1	340 91.4
25.0~49.9	-	-	9 2.4	1 0.3	-	-	-	-	-	1 0.3	3 0.8	16 4.3	-	-	-	-	30 8.1
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	2 0.5	-	-	-	-	2 0.5
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7 1.9	25 6.7	115 30.9	22 5.9	2 0.5	2 0.5	1 0.3	-	2 0.5	9 2.4	50 13.4	108 29.0	15 4.0	6 1.6	4 1.1	4 1.1	372 100.0

Number of Obtained Data 372 (100.0 %)
 Number of Not Obtained 0

Upper : Number of Times
 Lower : (%)

Frequency of Current Direction and Current Velocity

Station : East No.0

Aug. 1992

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	11 3.0	30 8.1	103 27.7	11 3.0	2 0.5	3 0.8	3 0.8	2 0.5	2 0.5	39 10.5	85 22.8	24 6.5	8 2.2	10 2.7	5 1.3	338 90.9	
25.0~49.9	-	-	11 3.0	-	-	-	-	-	-	4 1.1	19 5.1	-	-	-	-	34 9.1	
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	11 3.0	30 8.1	114 30.6	11 3.0	2 0.5	3 0.8	3 0.8	2 0.5	2 0.5	43 11.6	104 28.0	24 6.5	8 2.2	10 2.7	5 1.3	372 100.0	

Number of Obtained Data 372 (100.0 %)
Number of Not Obtained 0

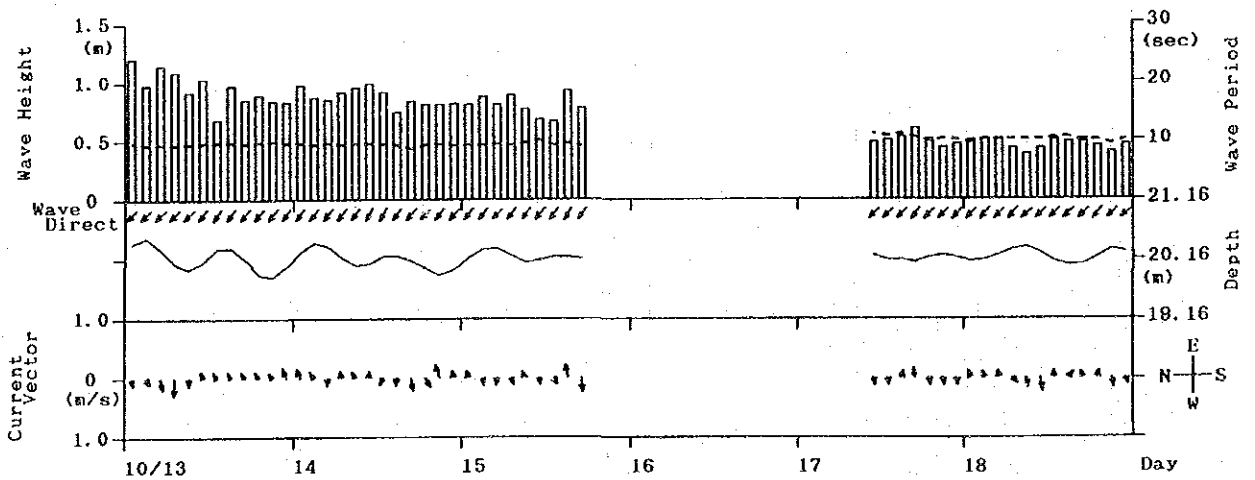
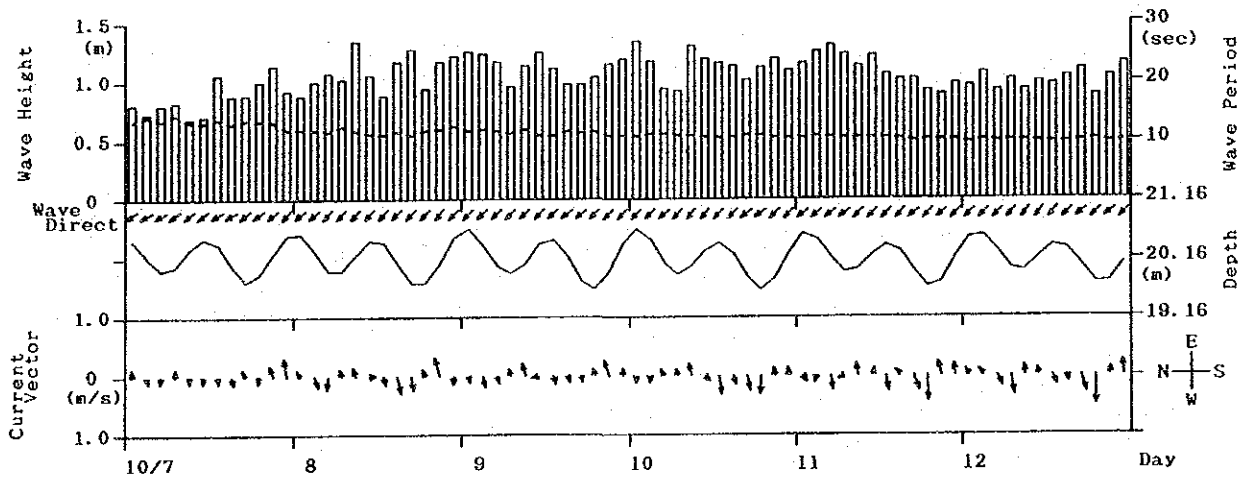
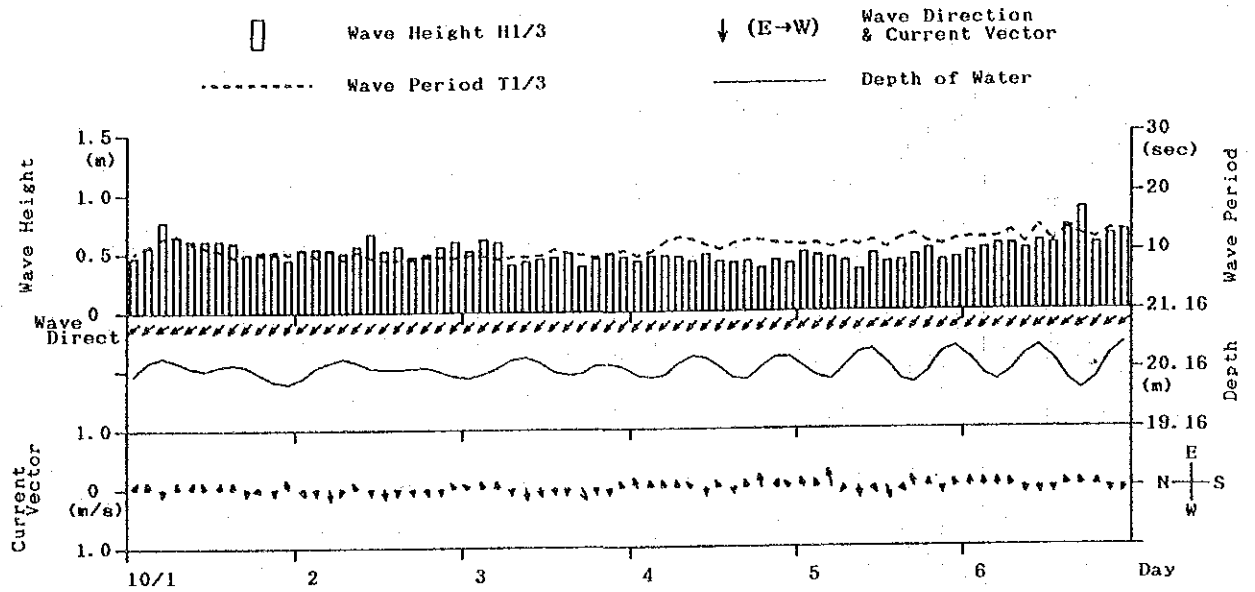
Upper : Number of Times
Lower : (%)

Sep. 1991

Direct Velocity	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	N	Total
~ 24.9	14 4.0	32 8.1	112 32.0	22 6.3	1 0.3	-	2 0.6	2 0.6	2 0.6	35 10.0	70 20.0	17 4.9	7 2.0	4 1.1	8 2.3	331 94.6	
25.0~49.9	-	-	2 0.6	-	-	-	-	-	-	7 2.0	10 2.9	-	-	-	-	19 5.4	
50.0~74.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75.0~99.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100.0~124.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125.0~149.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
150.0~ cm/s	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	14 4.0	32 9.1	114 32.6	22 6.3	1 0.3	-	2 0.6	2 0.6	2 0.6	42 12.0	80 22.9	17 4.9	7 2.0	4 1.1	8 2.3	350 100.0	

Number of Obtained Data 350 (97.2 %)
Number of Not Obtained 10

Upper : Number of Times
Lower : (%)

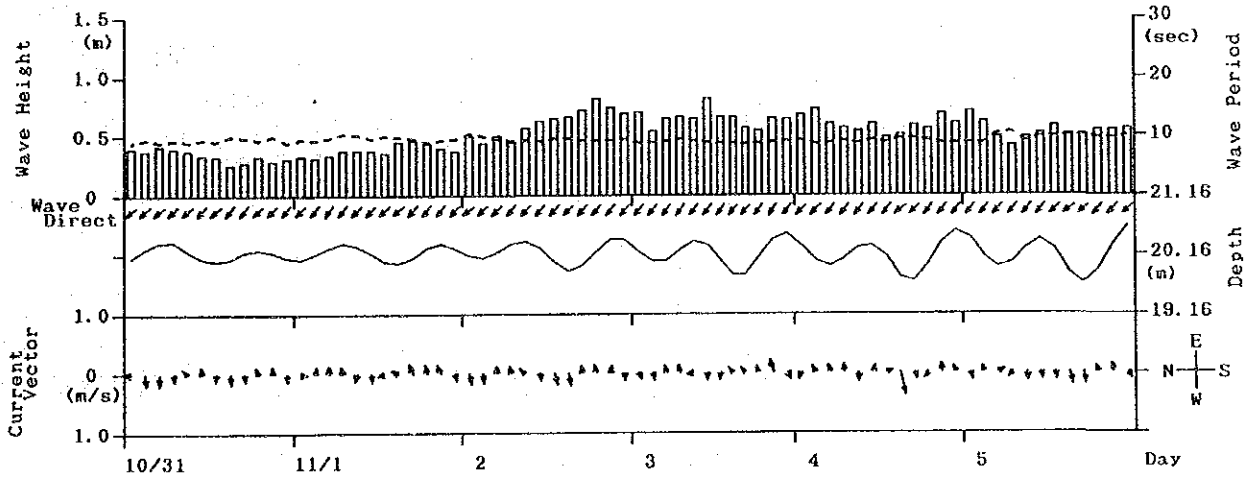
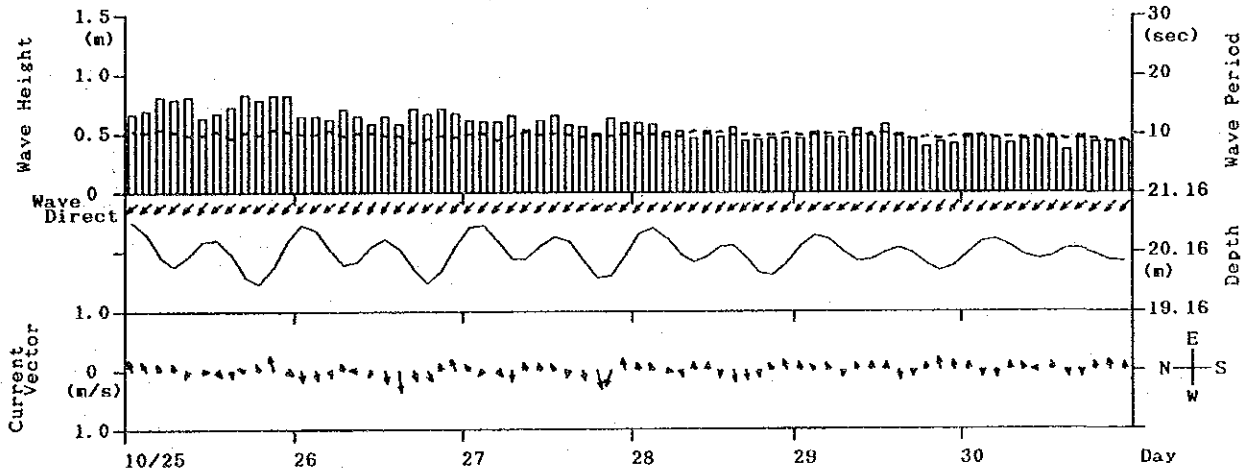
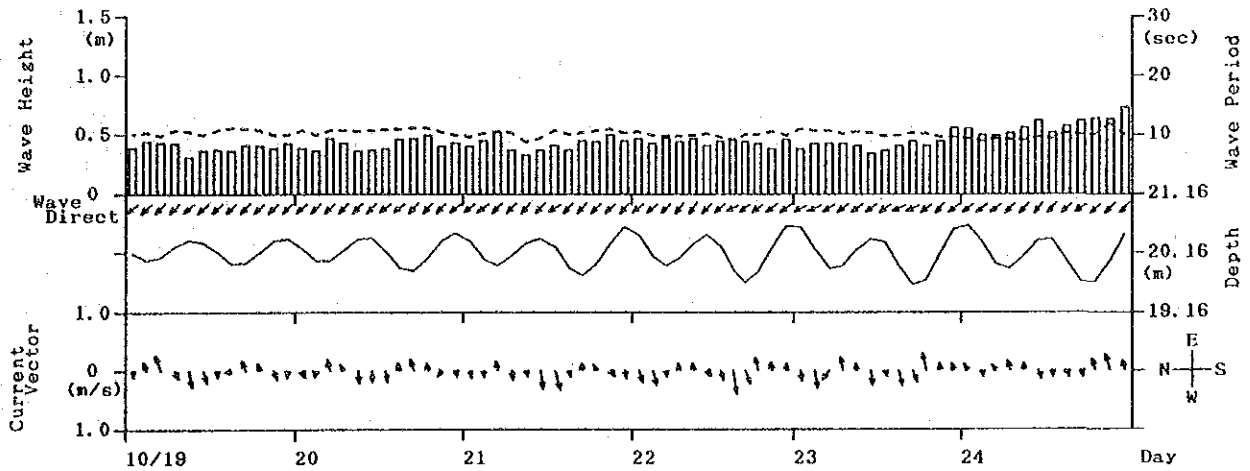


Oct. 1 1991 - Oct.18 1991

Station : East No.0

Sequence of Wave and Current

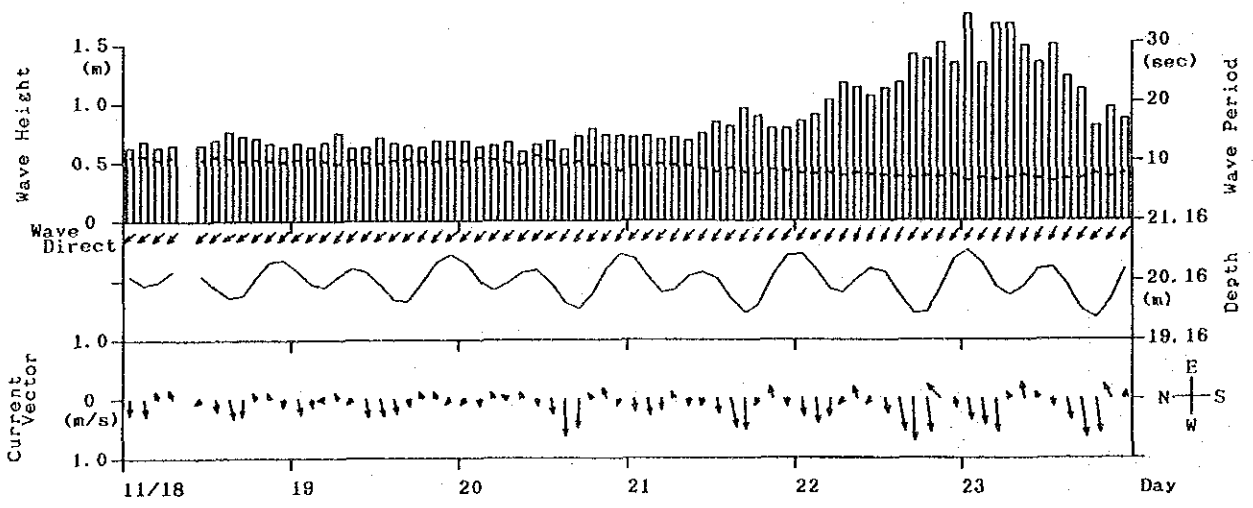
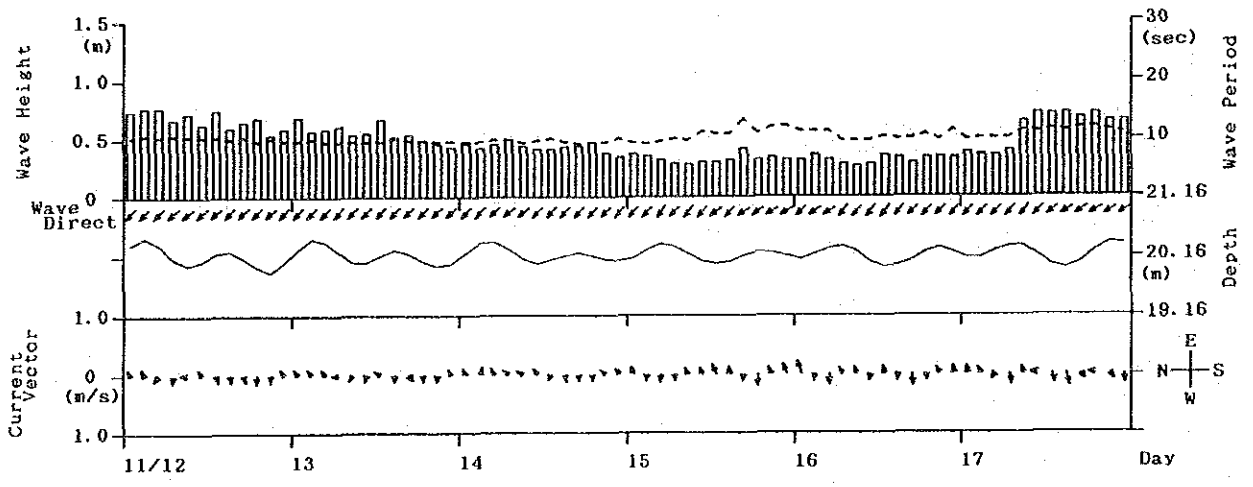
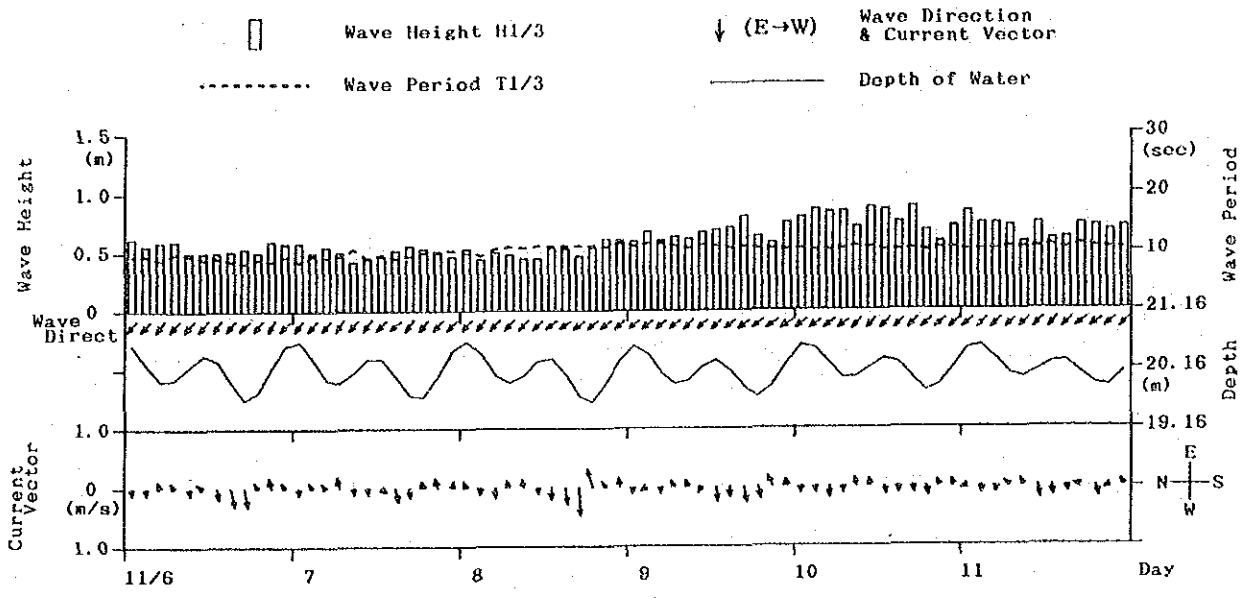
Wave Height H1/3 ↓ (E→W) Wave Direction & Current Vector
 Wave Period T1/3 ——— Depth of Water



Oct. 19 1991 - Nov. 5 1991

Station : East No. 0

Sequence of Wave and Current

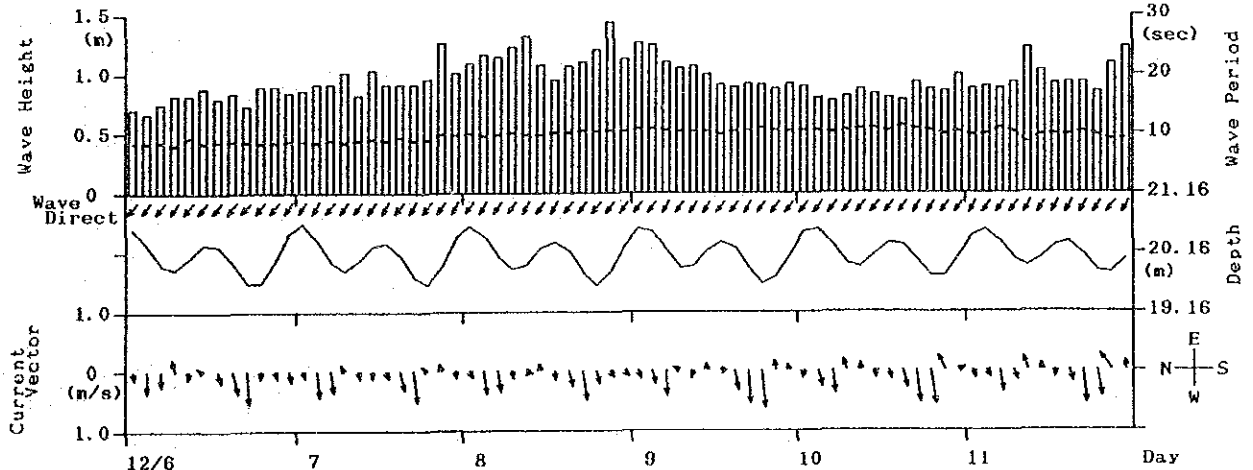
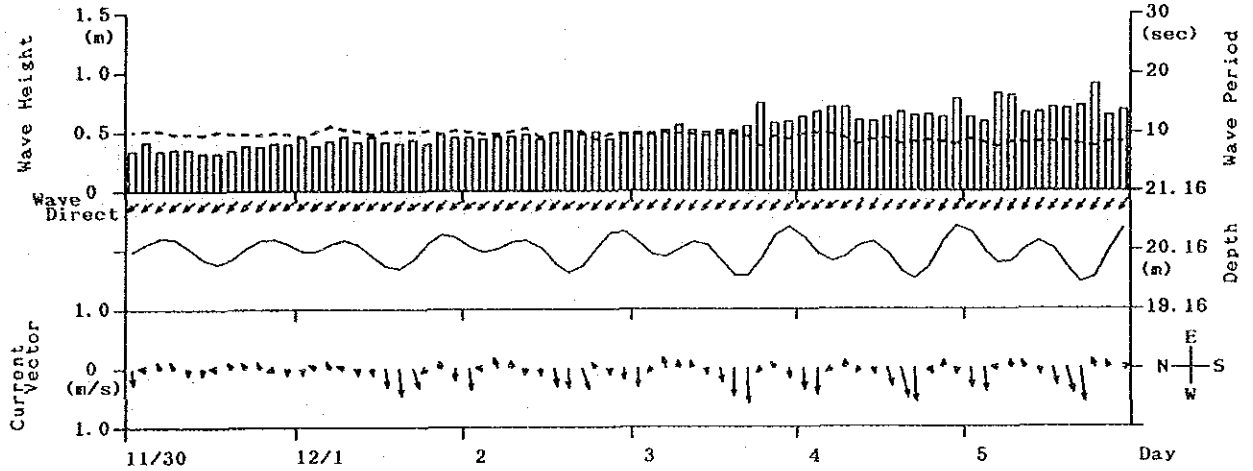
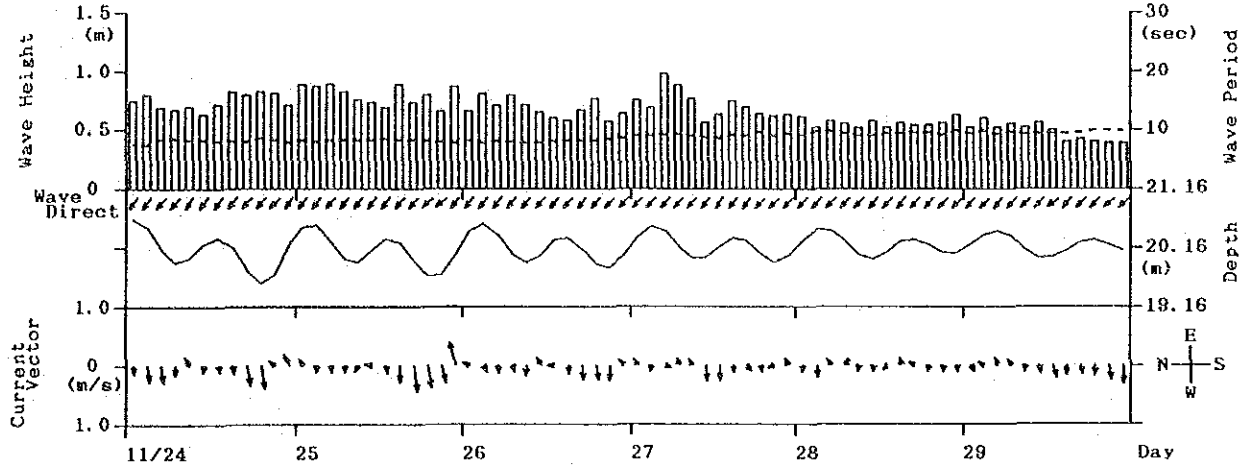


Nov. 6 1991 - Nov. 23 1991

Station : East No. 0

Sequence of Wave and Current

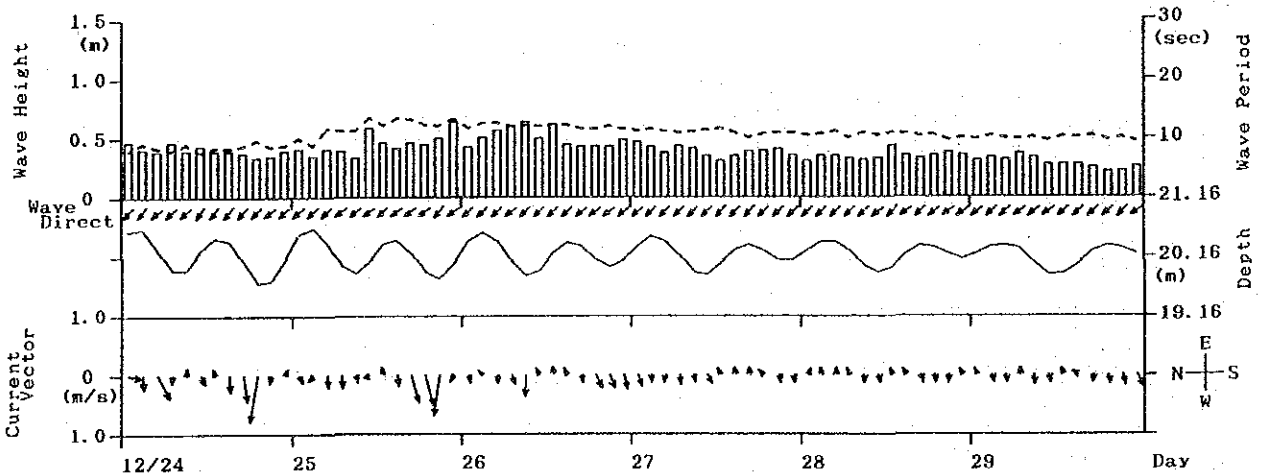
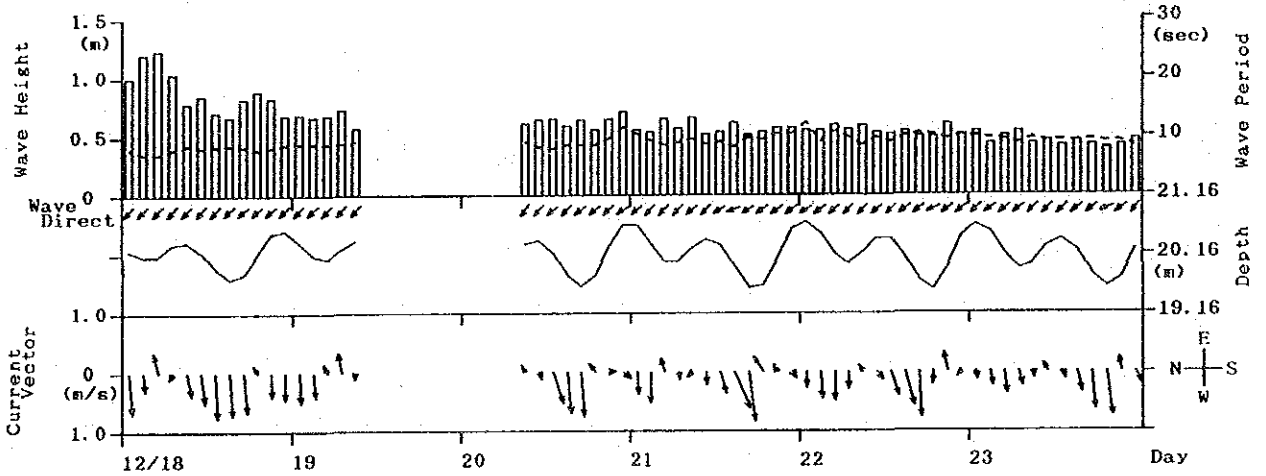
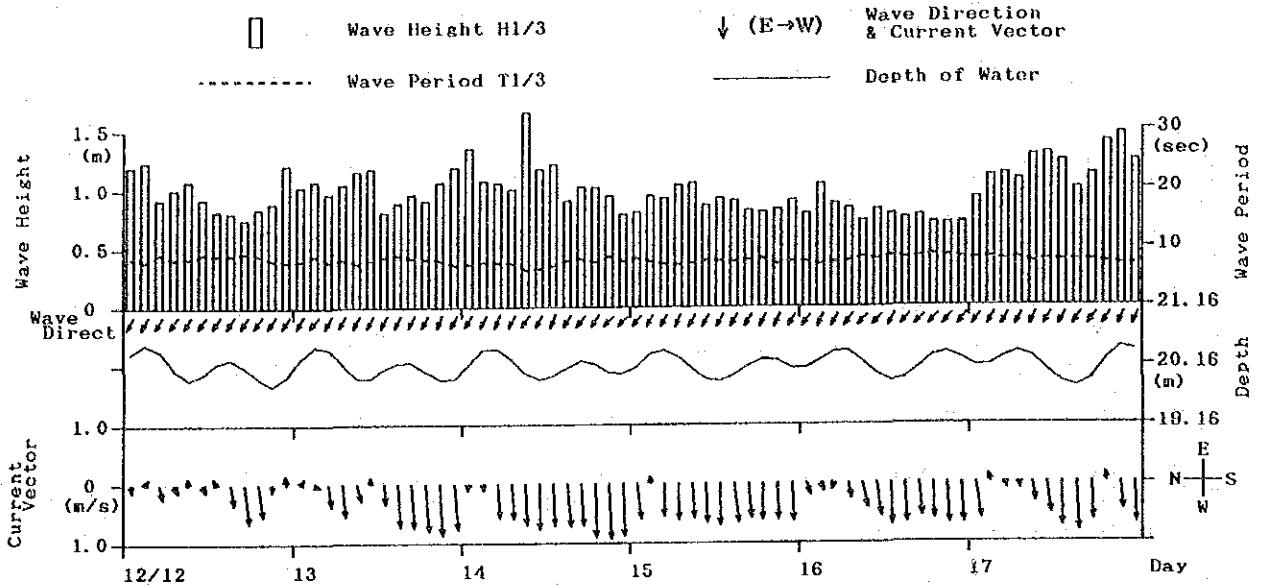
Wave Height $H_{1/3}$
 (E→W) Wave Direction & Current Vector
 Wave Period $T_{1/3}$
 Depth of Water



Nov. 24 1991 - Dec. 11 1991

Station : East No. 0

Sequence of Wave and Current

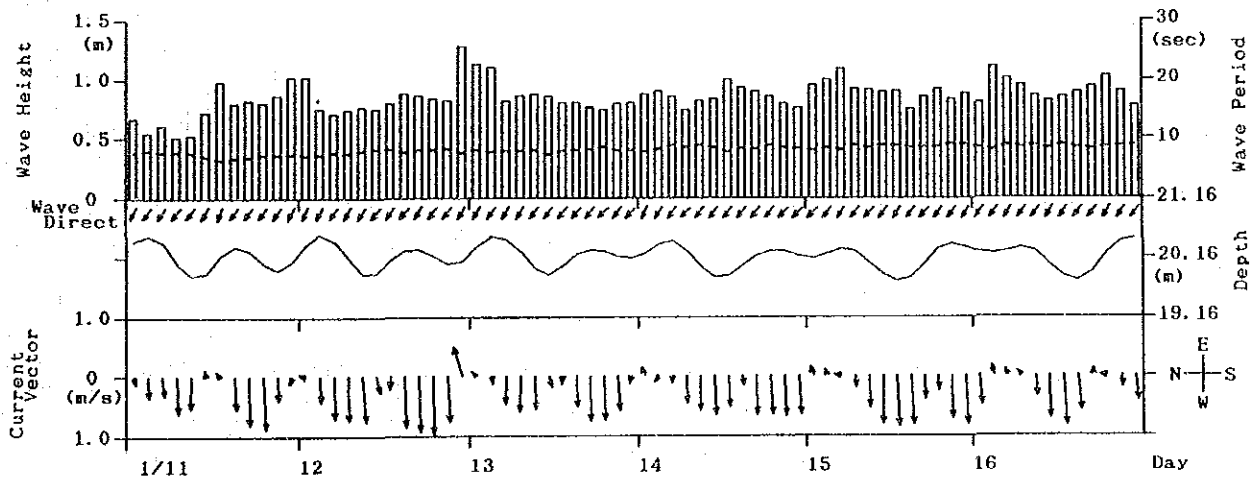
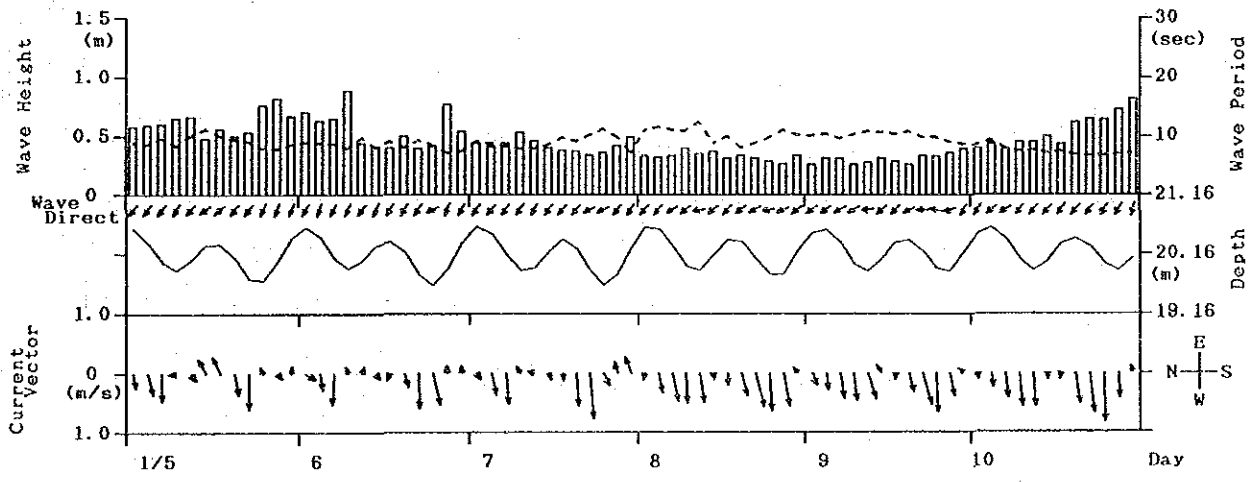
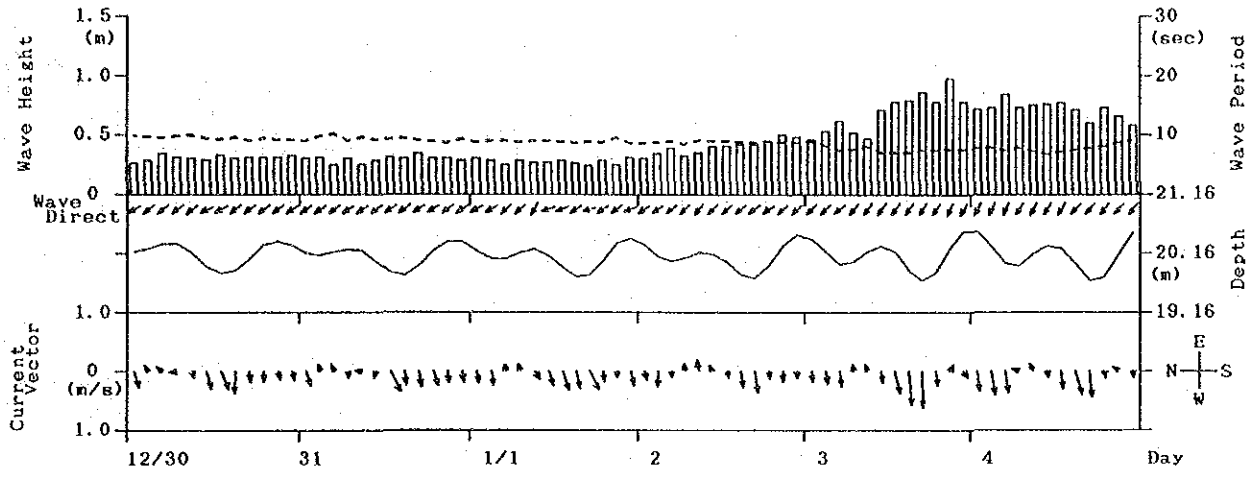


Dec. 12 1991 - Dec. 29 1991

Station : East No. 0

Sequence of Wave and Current

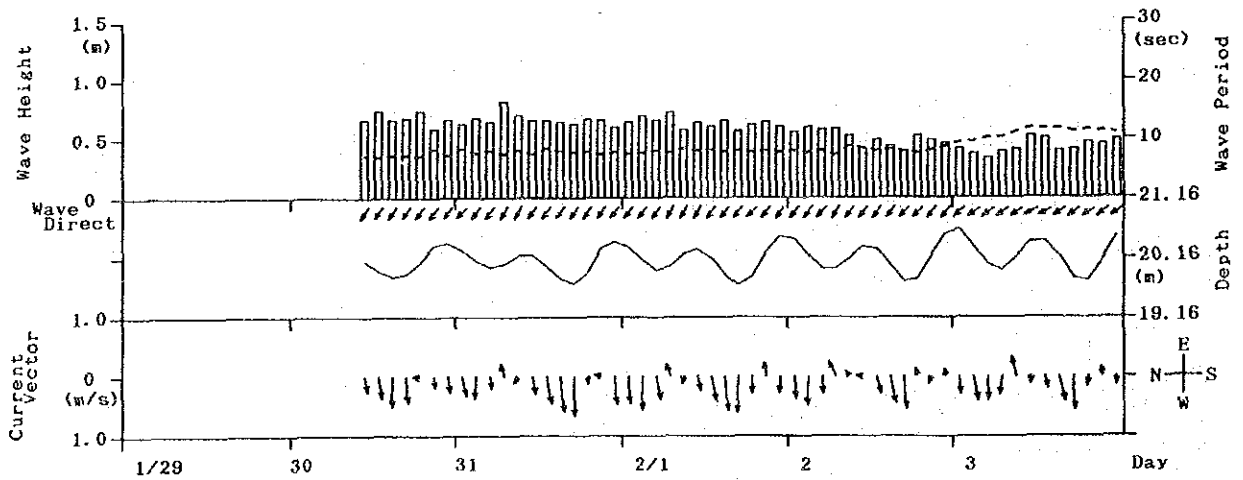
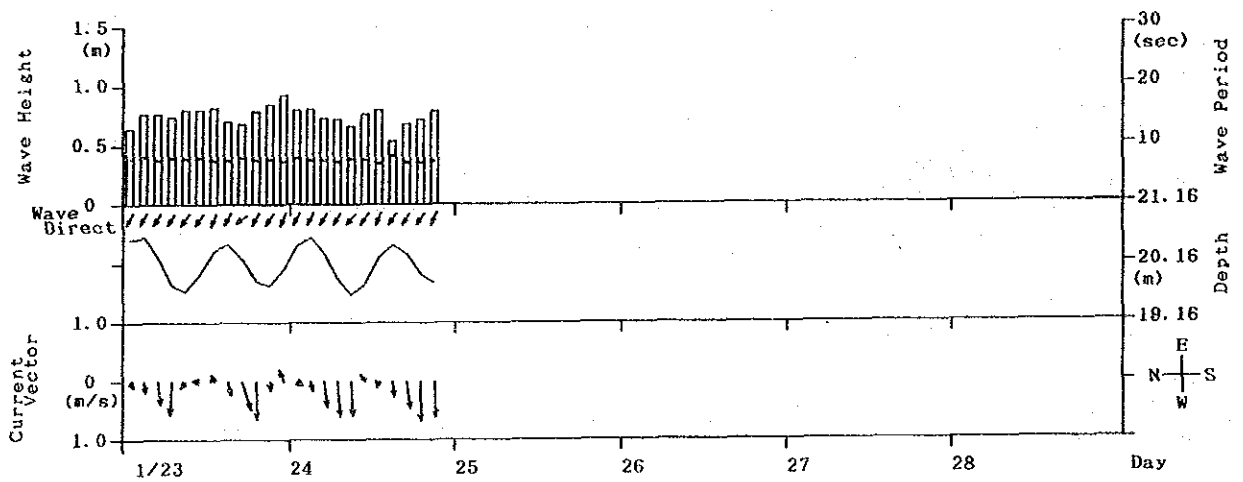
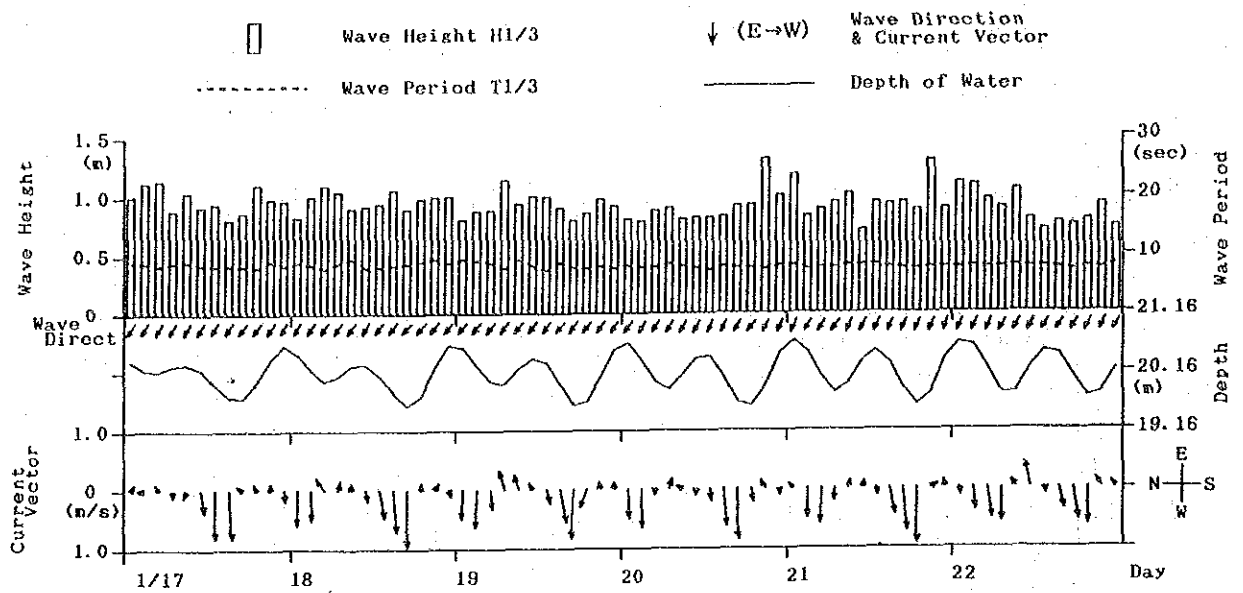
Wave Height H1/3 ↓ (E→W) Wave Direction & Current Vector
 - - - - - Wave Period T1/3 ——— Depth of Water



Dec. 30 1991 - Jan. 16 1992

Station : East No. 0

Sequence of Wave and Current

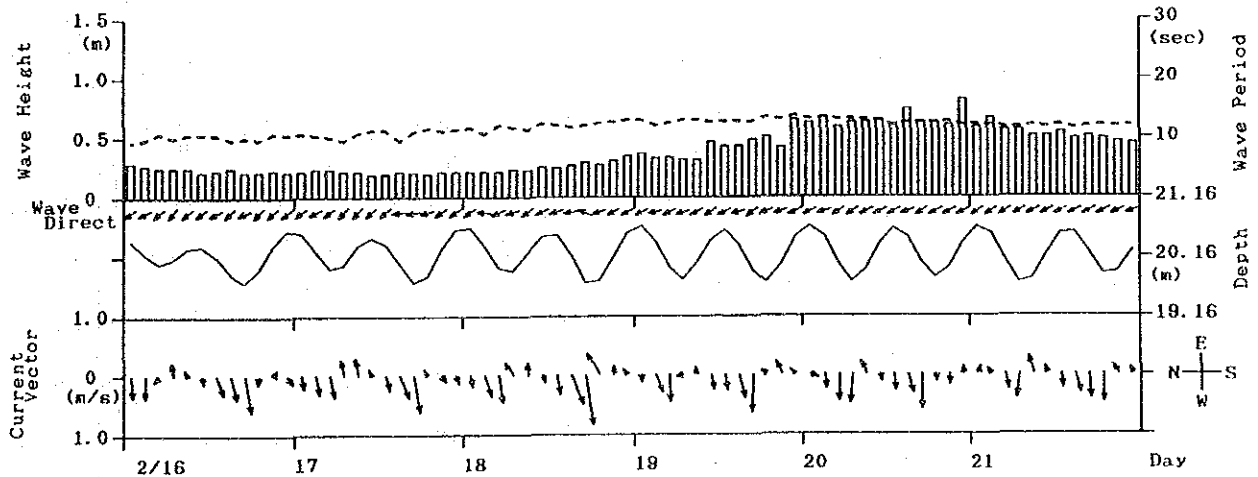
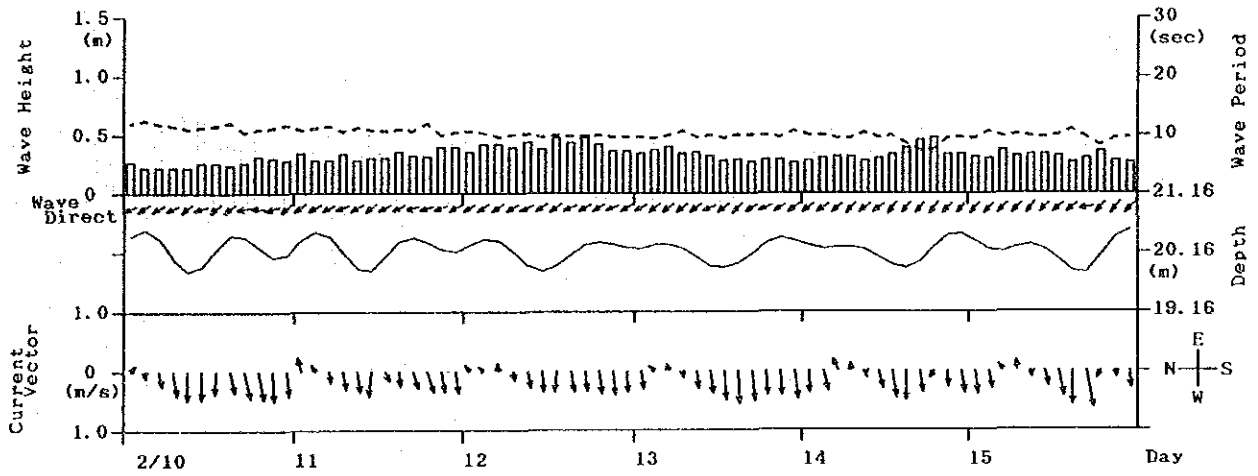
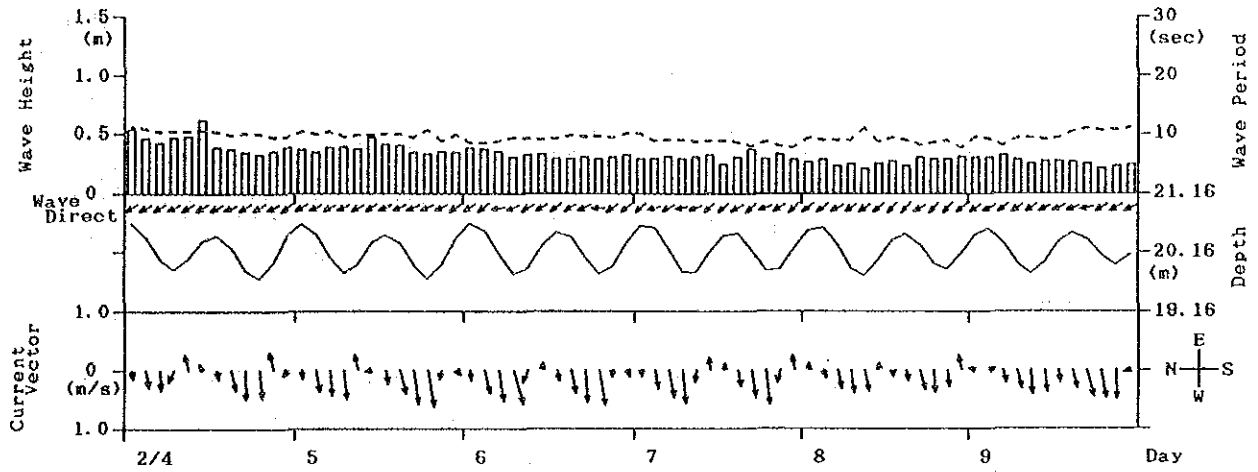


Jan. 17 1992 - Feb. 3 1992

Station : East No. 0

Sequence of Wave and Current

Wave Height $H_{1/3}$
 \downarrow (E \rightarrow W) Wave Direction & Current Vector
 Wave Period $T_{1/3}$
 Depth of Water

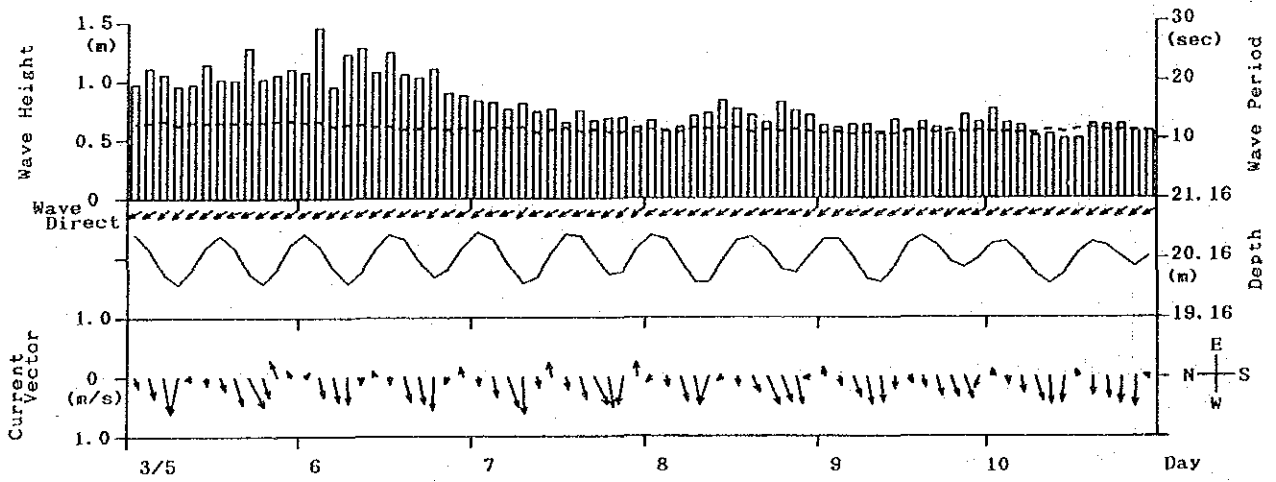
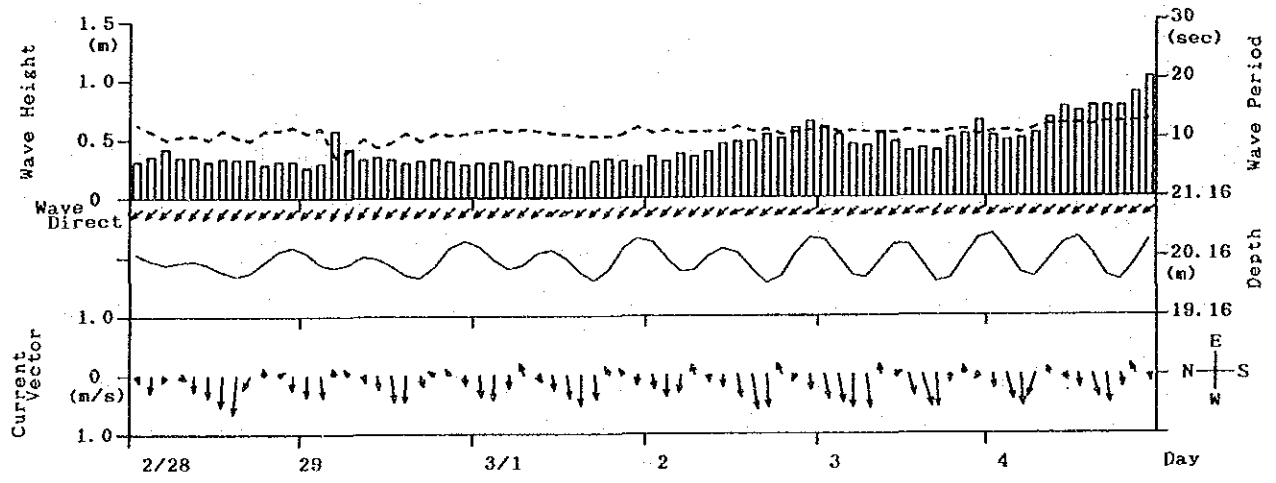
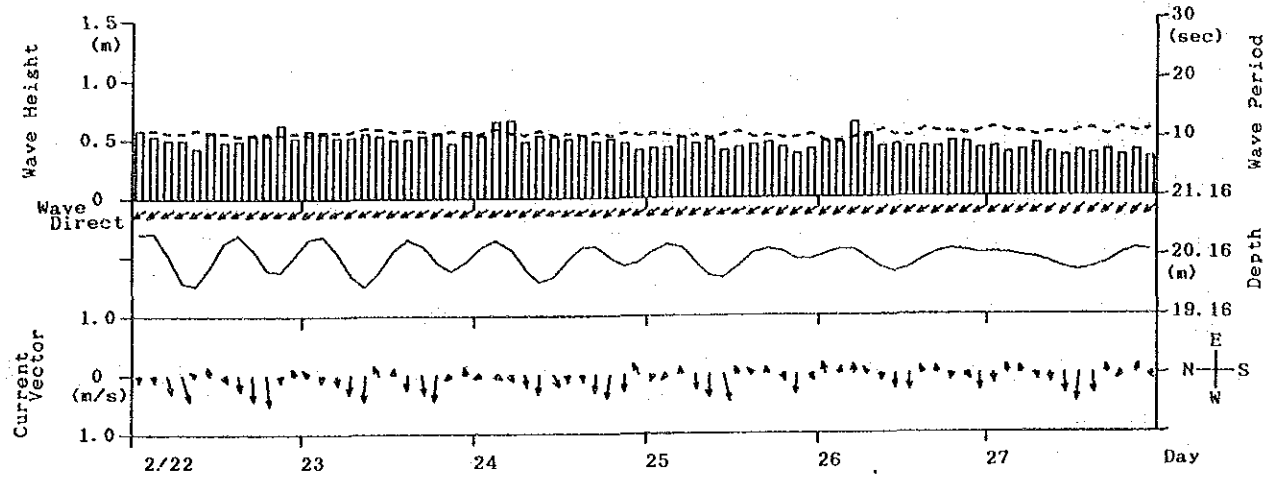


Feb. 4 1992 - Feb. 21 1992

Station : East No. 0

Sequence of Wave and Current

Wave Height $H_{1/3}$
 ↓ (E→W) Wave Direction & Current Vector
 - - - - - Wave Period $T_{1/3}$
 Depth of Water

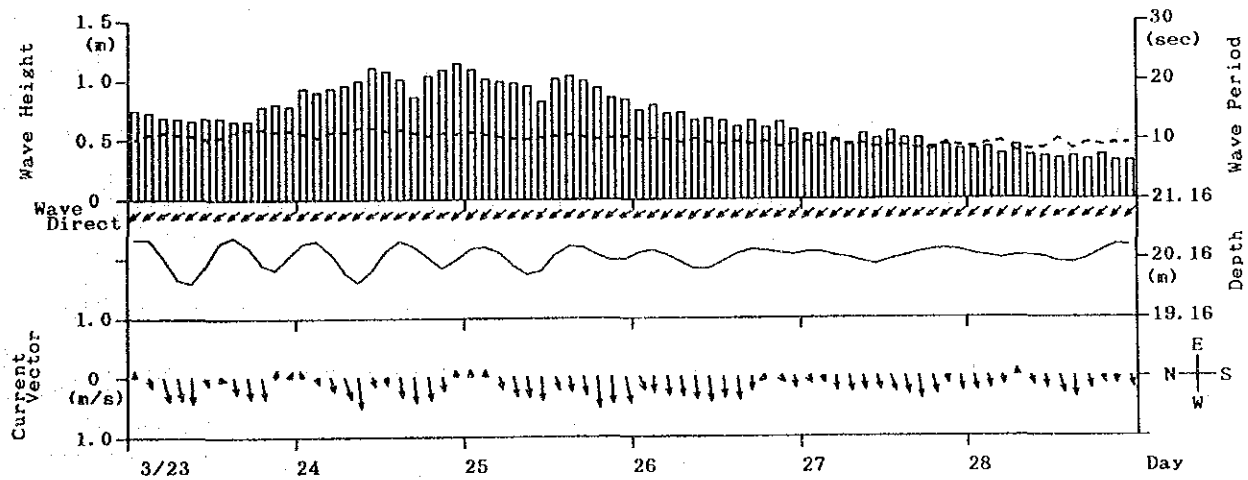
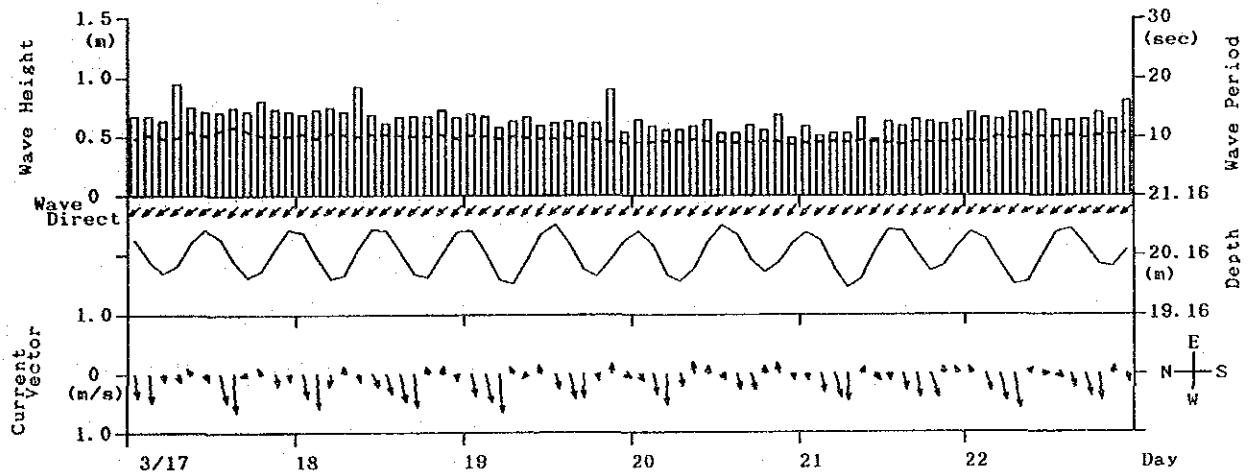
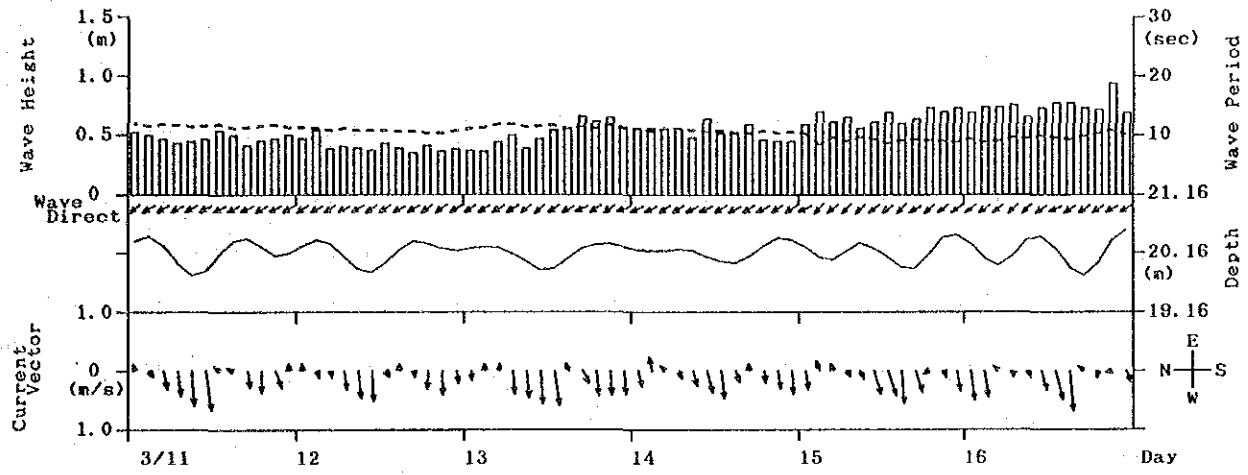


Feb. 22 1992 - Mar. 10 1992

Station : East No. 0

Sequence of Wave and Current

Wave Height $H_{1/3}$
 Wave Direction & Current Vector
 Wave Period $T_{1/3}$
 Depth of Water

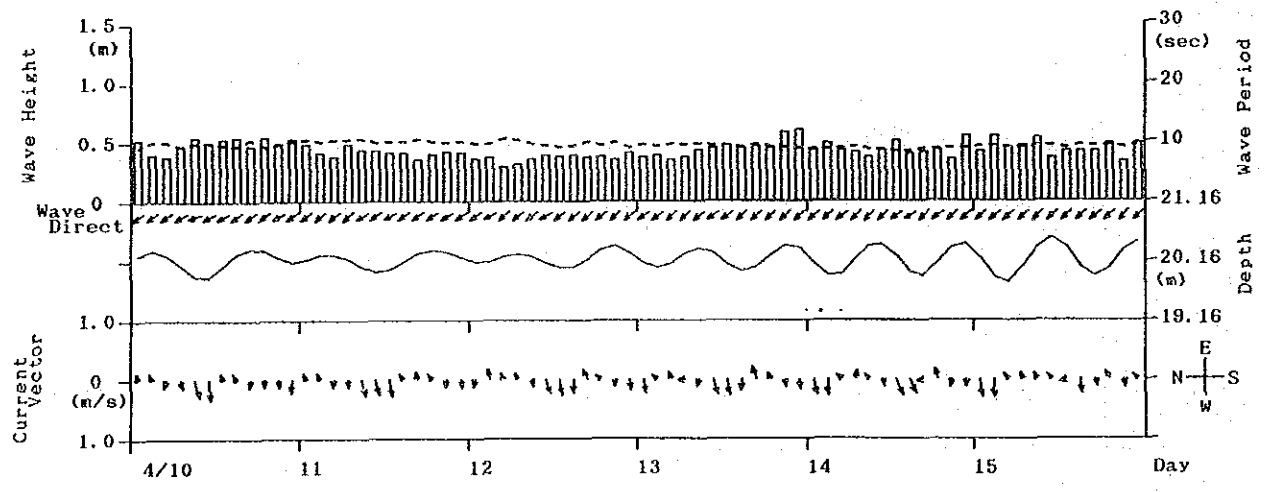
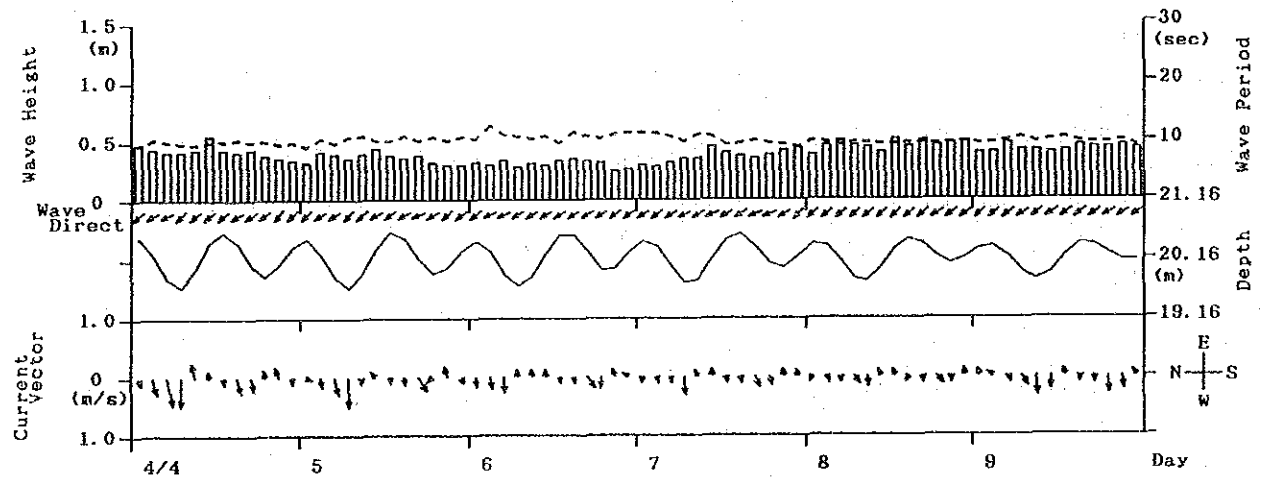
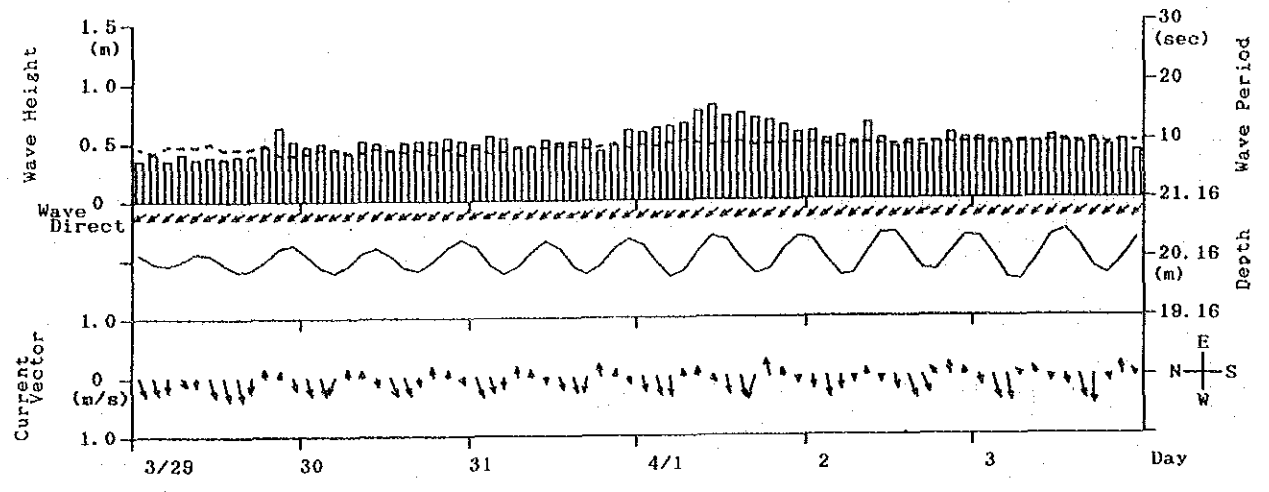


Mar. 11 1992 - Mar. 28 1992

Station : East No. 0

Sequence of Wave and Current

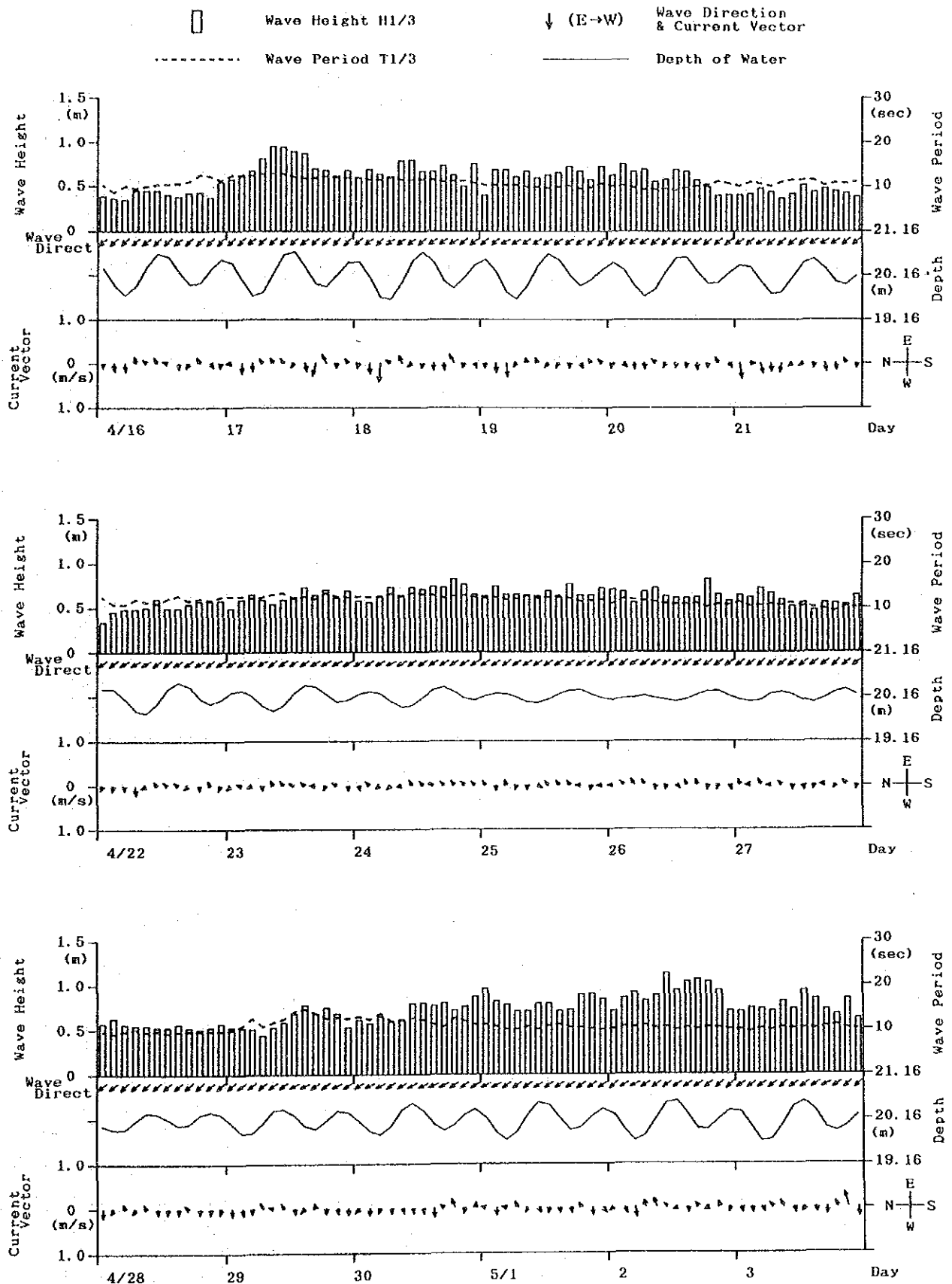
Wave Height $H_{1/3}$ \downarrow (E→W) Wave Direction & Current Vector
 Wave Period $T_{1/3}$ Depth of Water



Mar. 29 1992 - Apr. 15 1992

Station : East No. 0

Sequence of Wave and Current



Apr. 16 1992 - May 3 1992

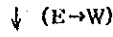
Station : East No. 0

Sequence of Wave and Current

2-153



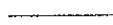
Wave Height H1/3



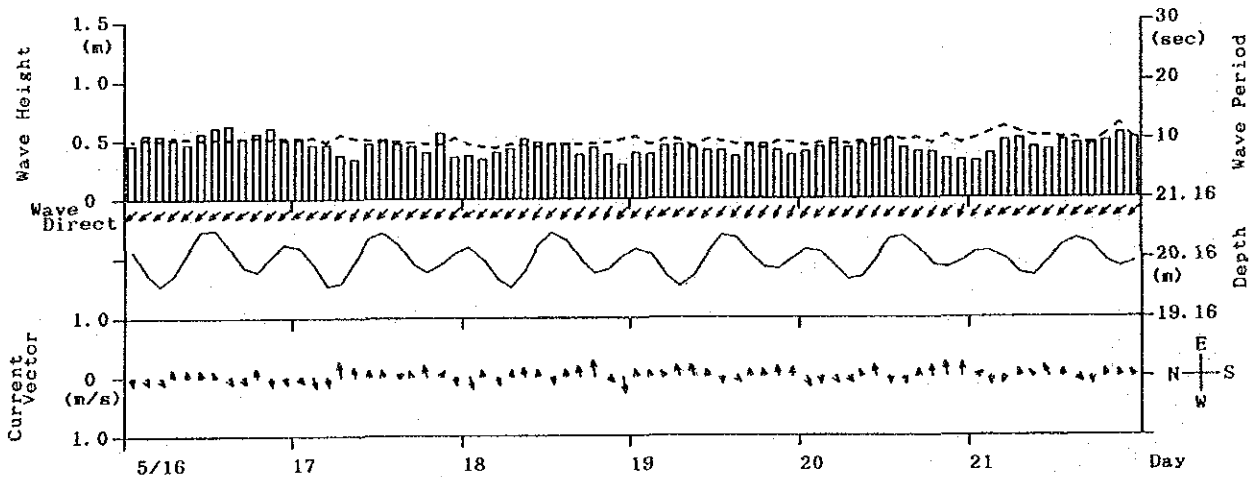
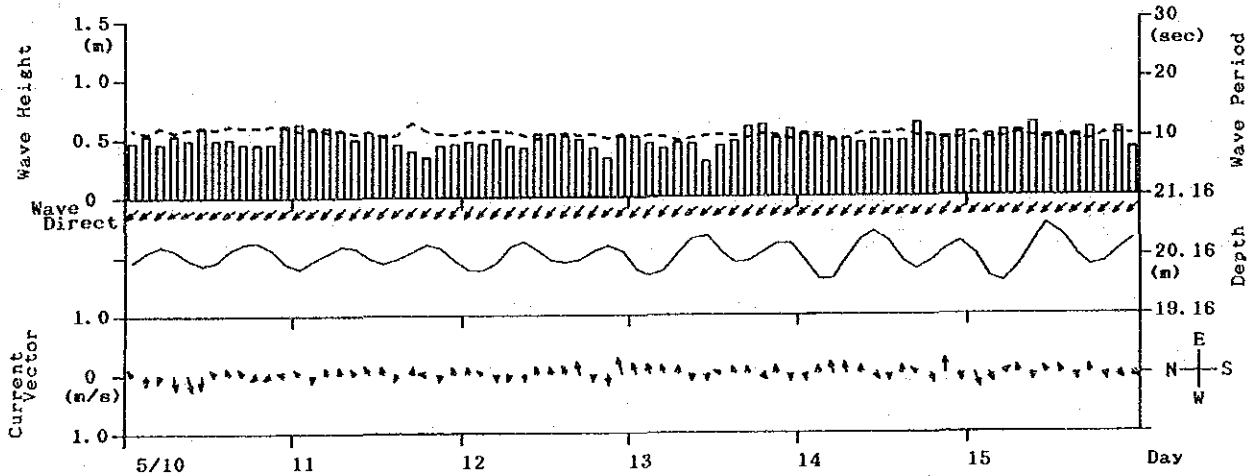
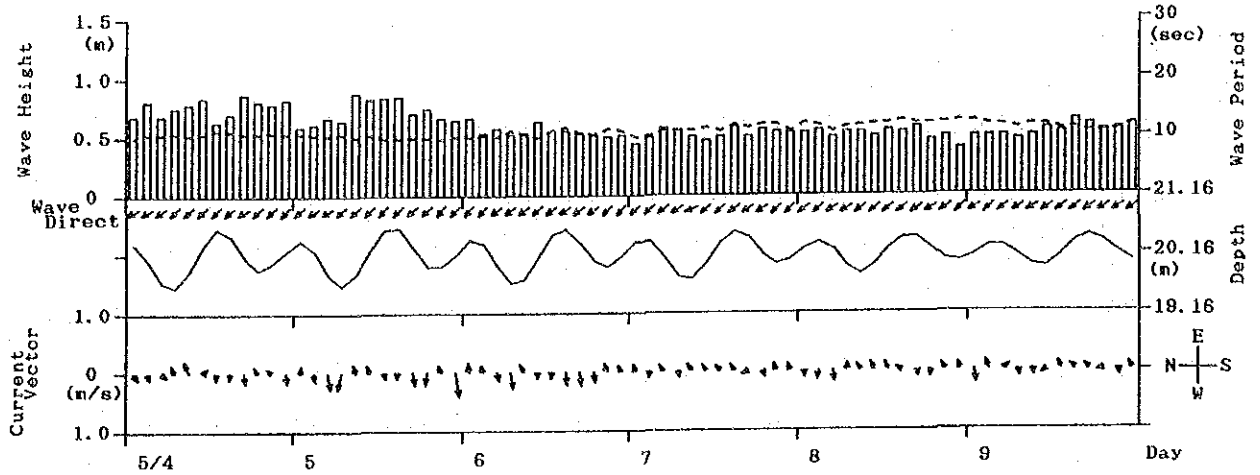
Wave Direction & Current Vector



Wave Period T1/3



Depth of Water

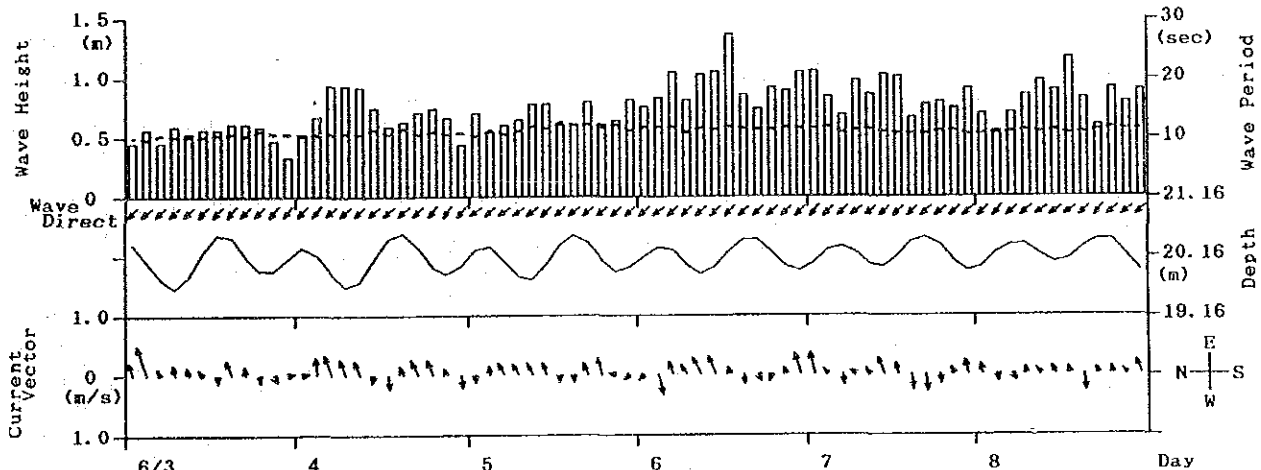
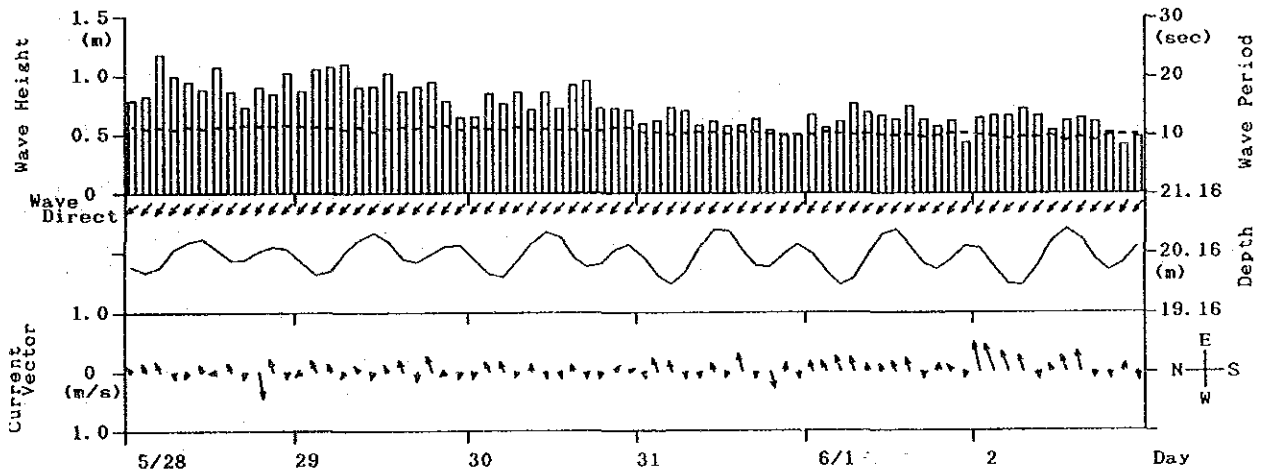
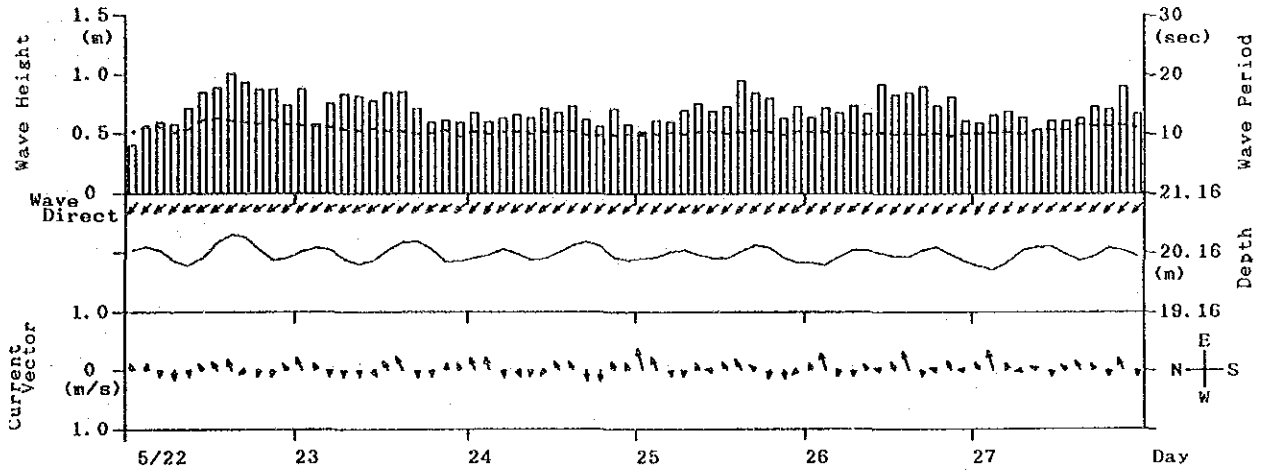


May 4 1992 - May 21 1992

Station : East No.0

Sequence of Wave and Current

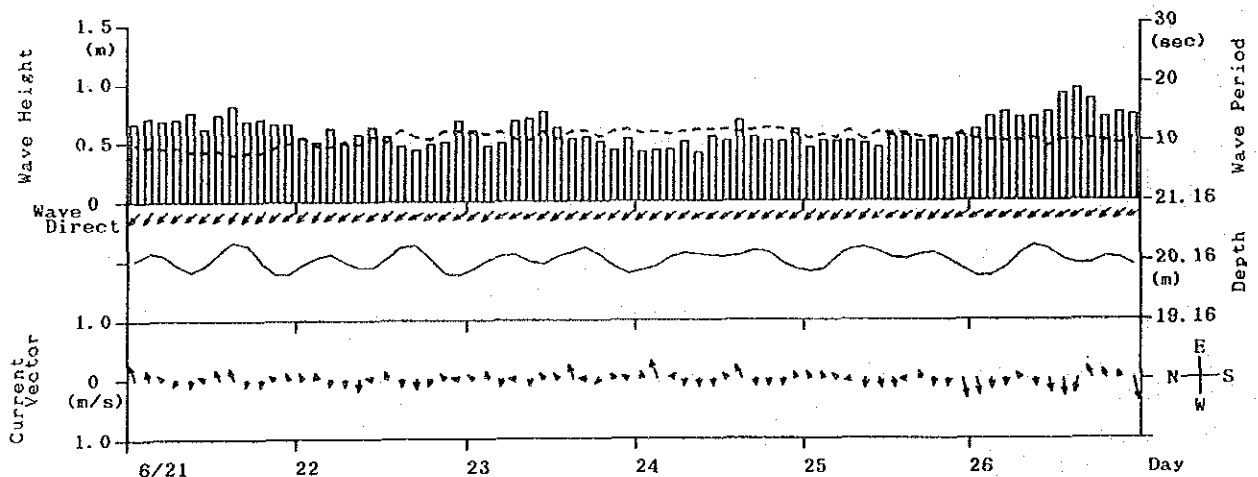
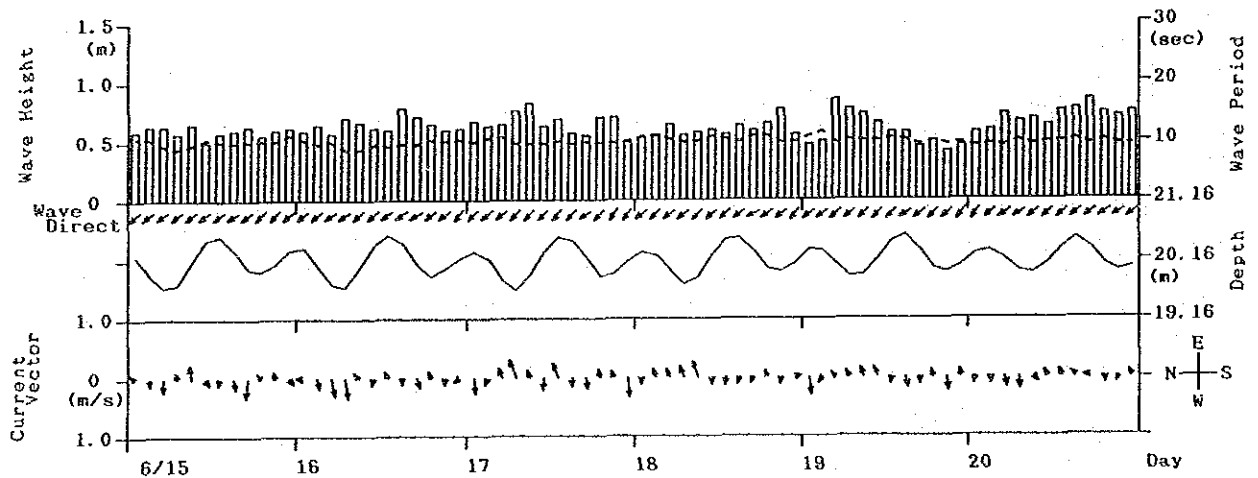
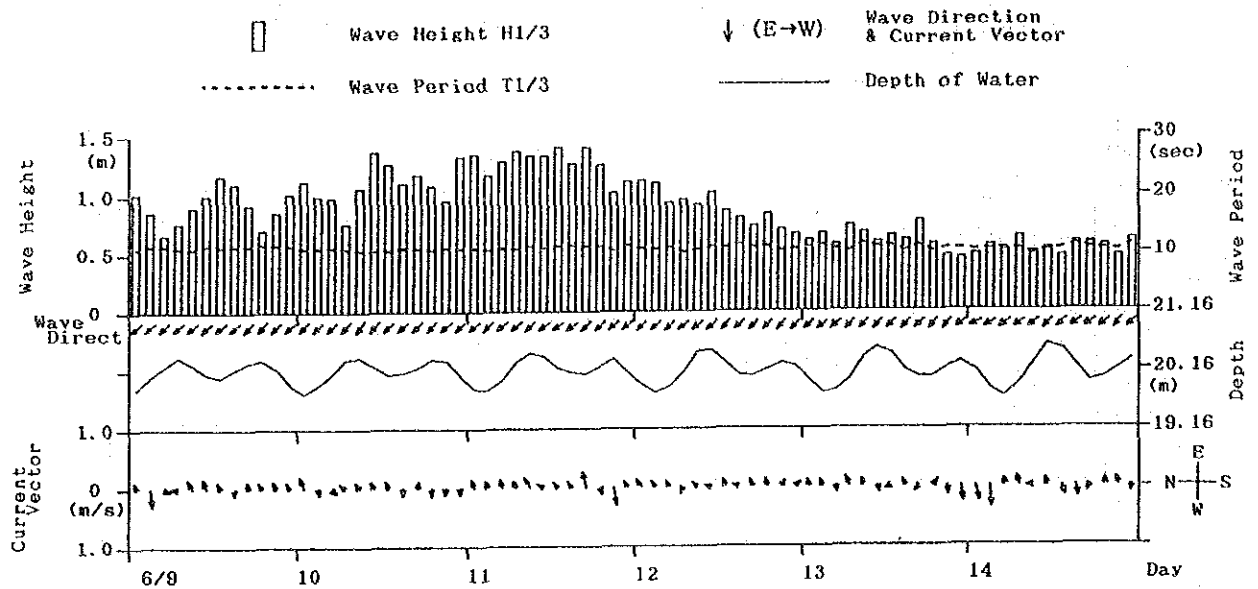
Wave Height H1/3 ↓ (E→W) Wave Direction & Current Vector
 Wave Period T1/3 ——— Depth of Water



May 22 1992 - Jun. 8 1992

Station : East No.0

Sequence of Wave and Current

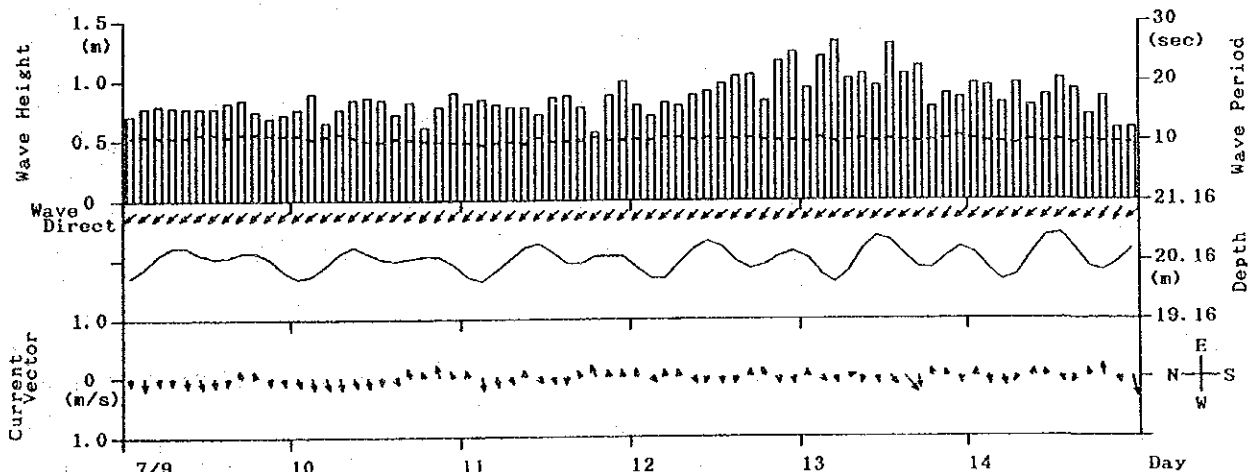
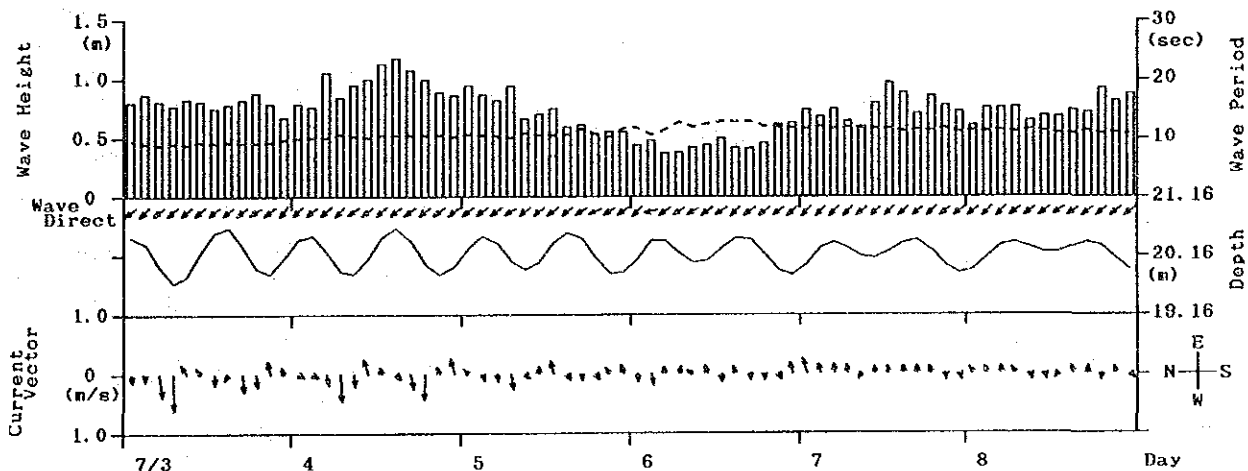
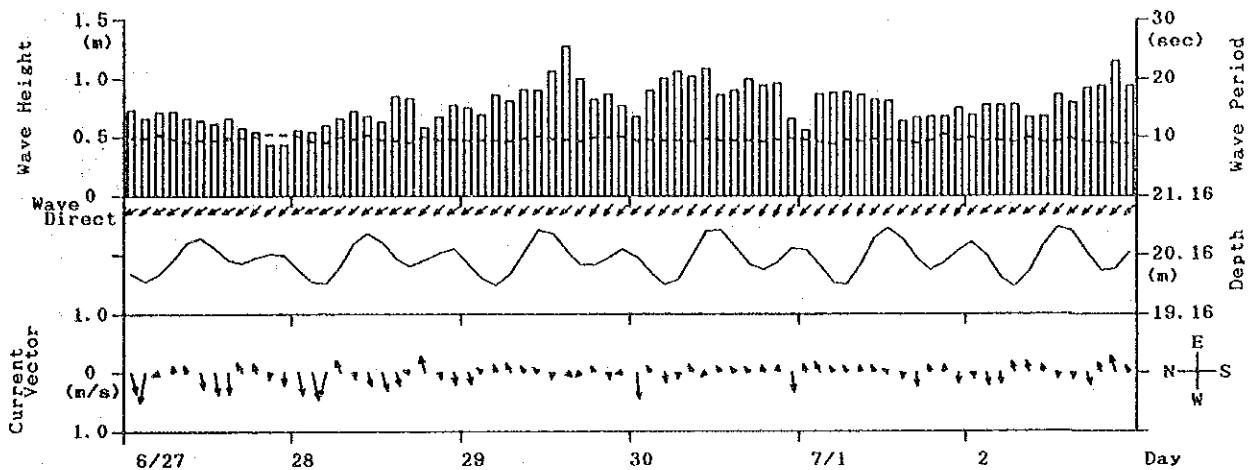


Jun. 9 1992 - Jun. 26 1992

Station : East No.0

Sequence of Wave and Current

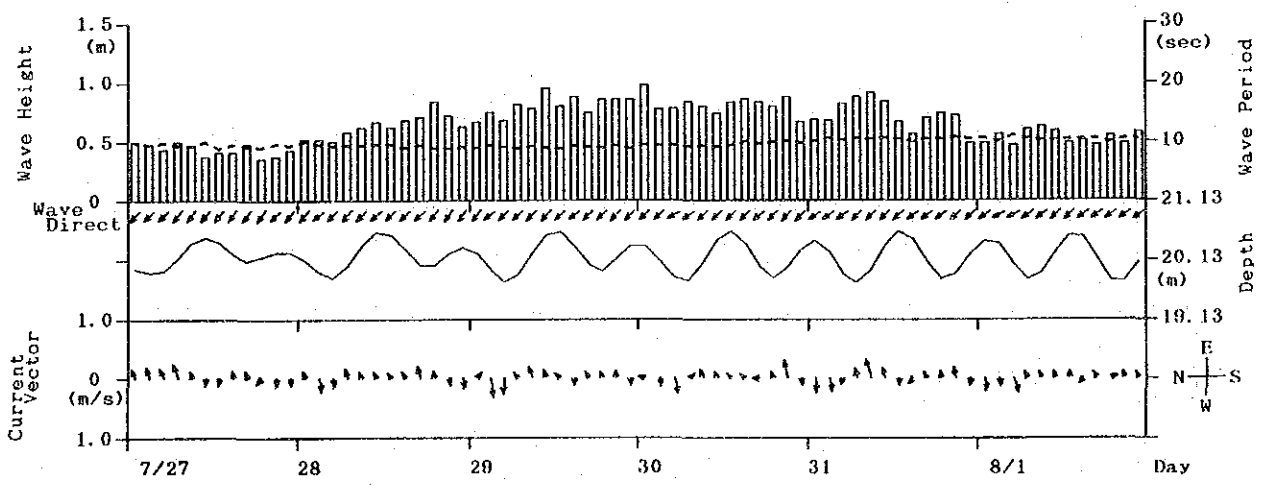
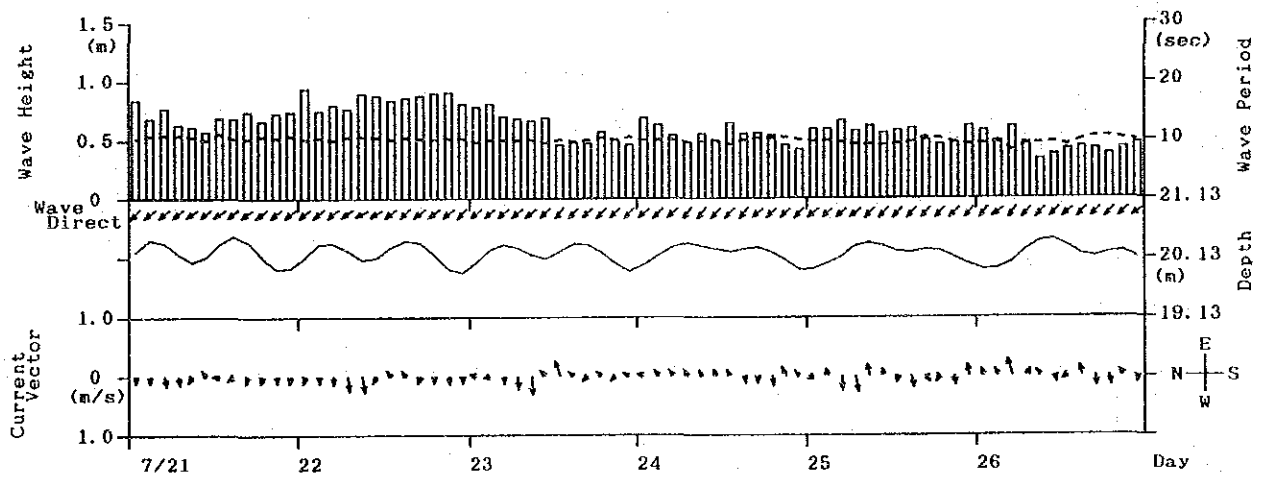
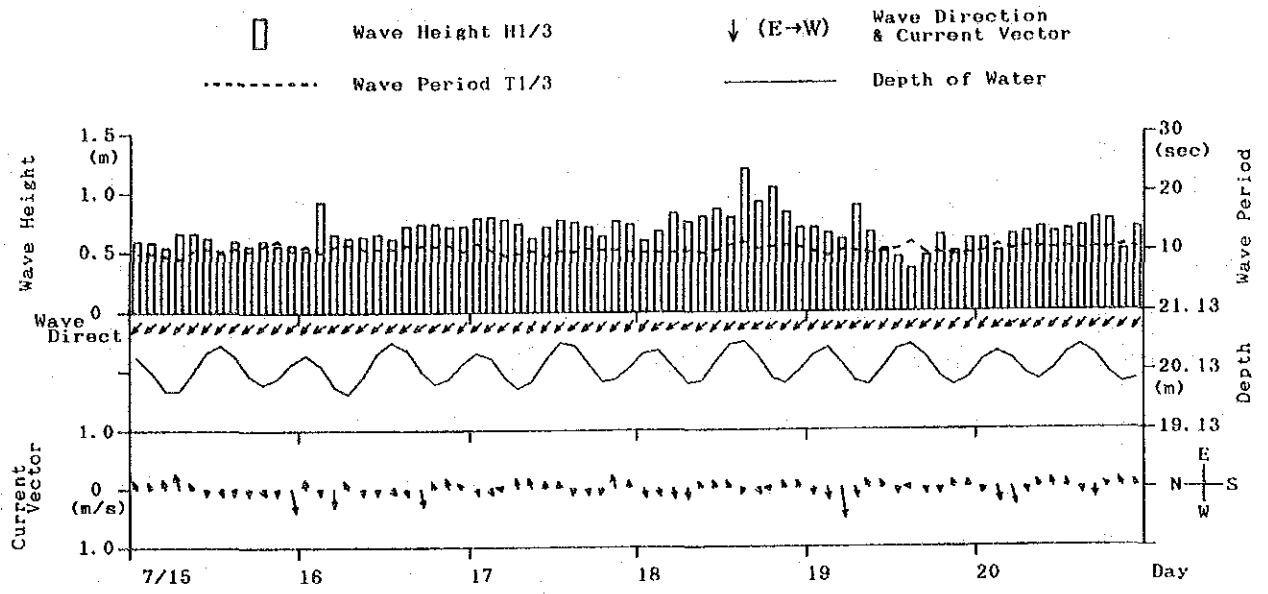
Wave Height $H_{1/3}$
 \downarrow (E \rightarrow W) Wave Direction & Current Vector
 Wave Period $T_{1/3}$
 Depth of Water



Jun. 27 1992 - Jul. 14 1992

Station : East No. 0

Sequence of Wave and Current



Jul. 15 1992 - Aug. 1 1992

Station : East No. 0

Sequence of Wave and Current



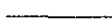
Wave Height $H_{1/3}$



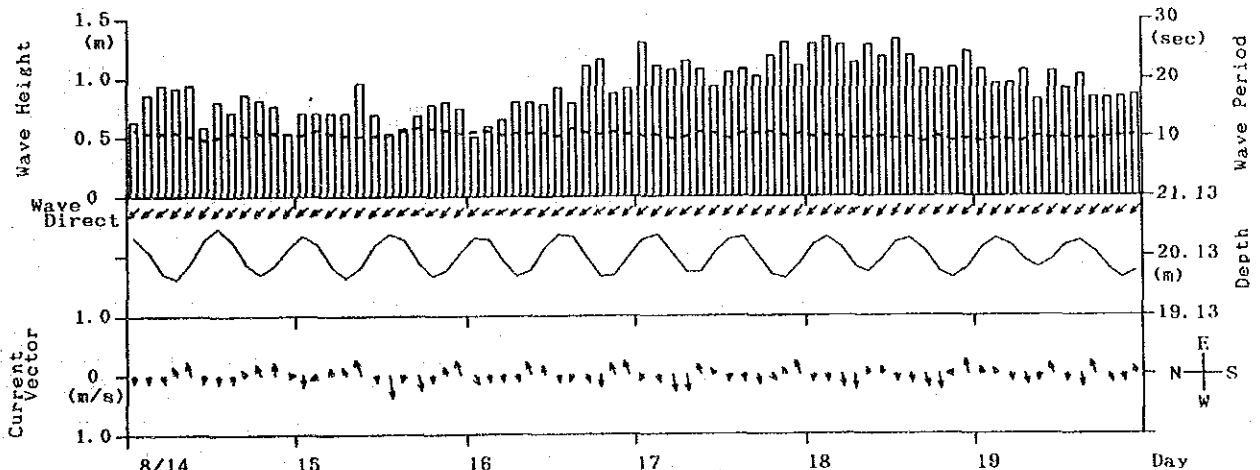
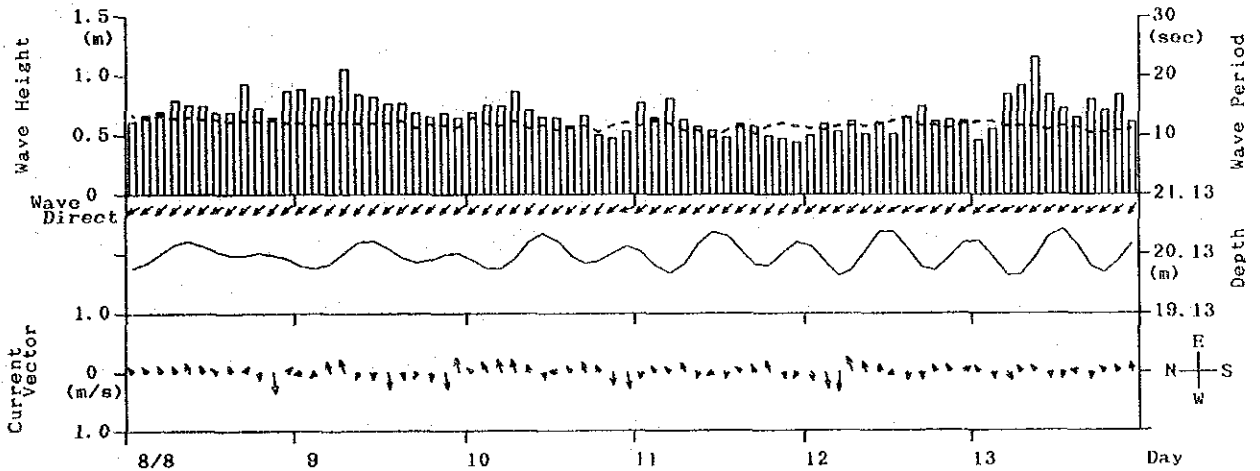
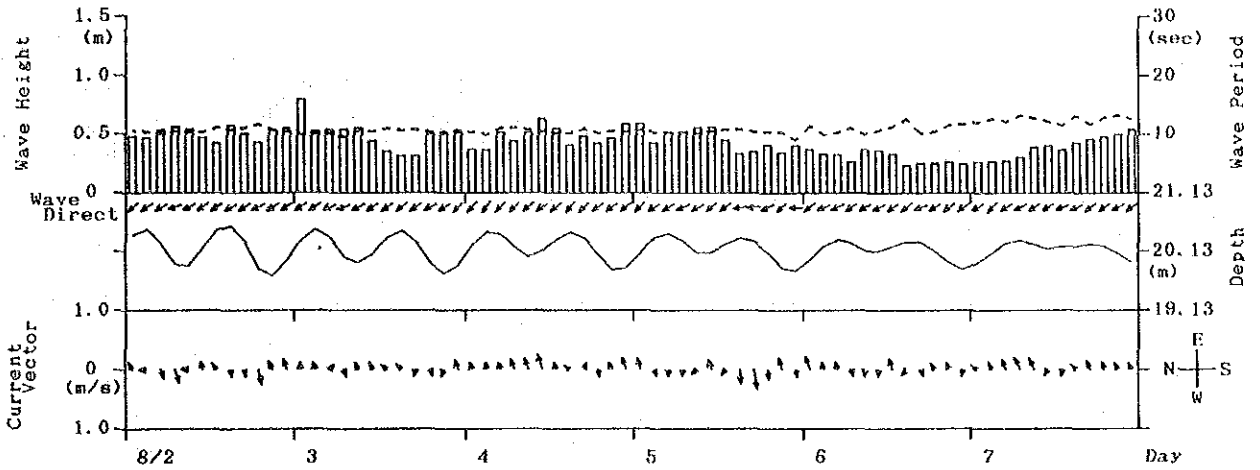
Wave Direction & Current Vector



Wave Period $T_{1/3}$



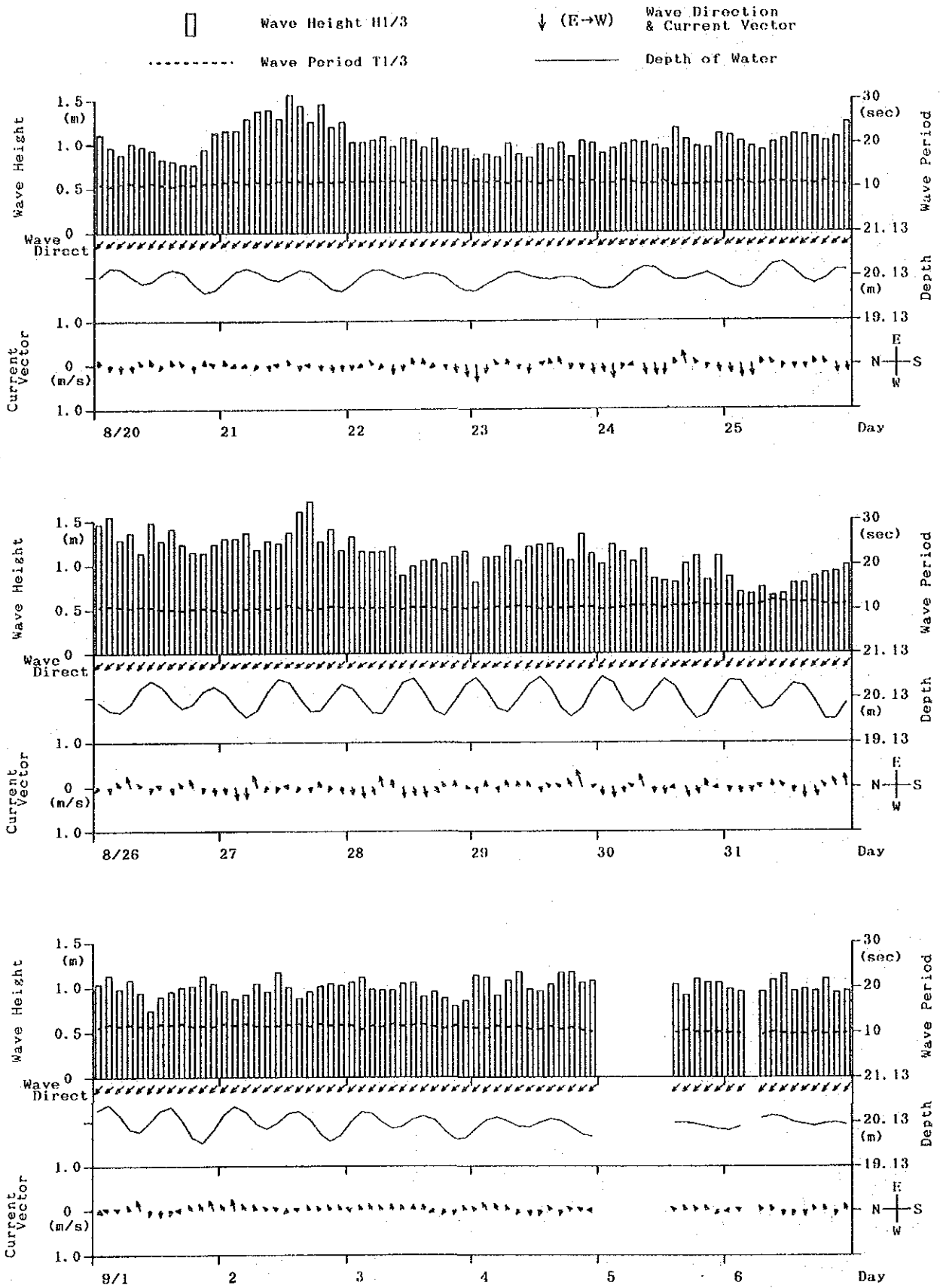
Depth of Water



Aug. 2 1992 - Aug. 19 1992

Station : East No.0

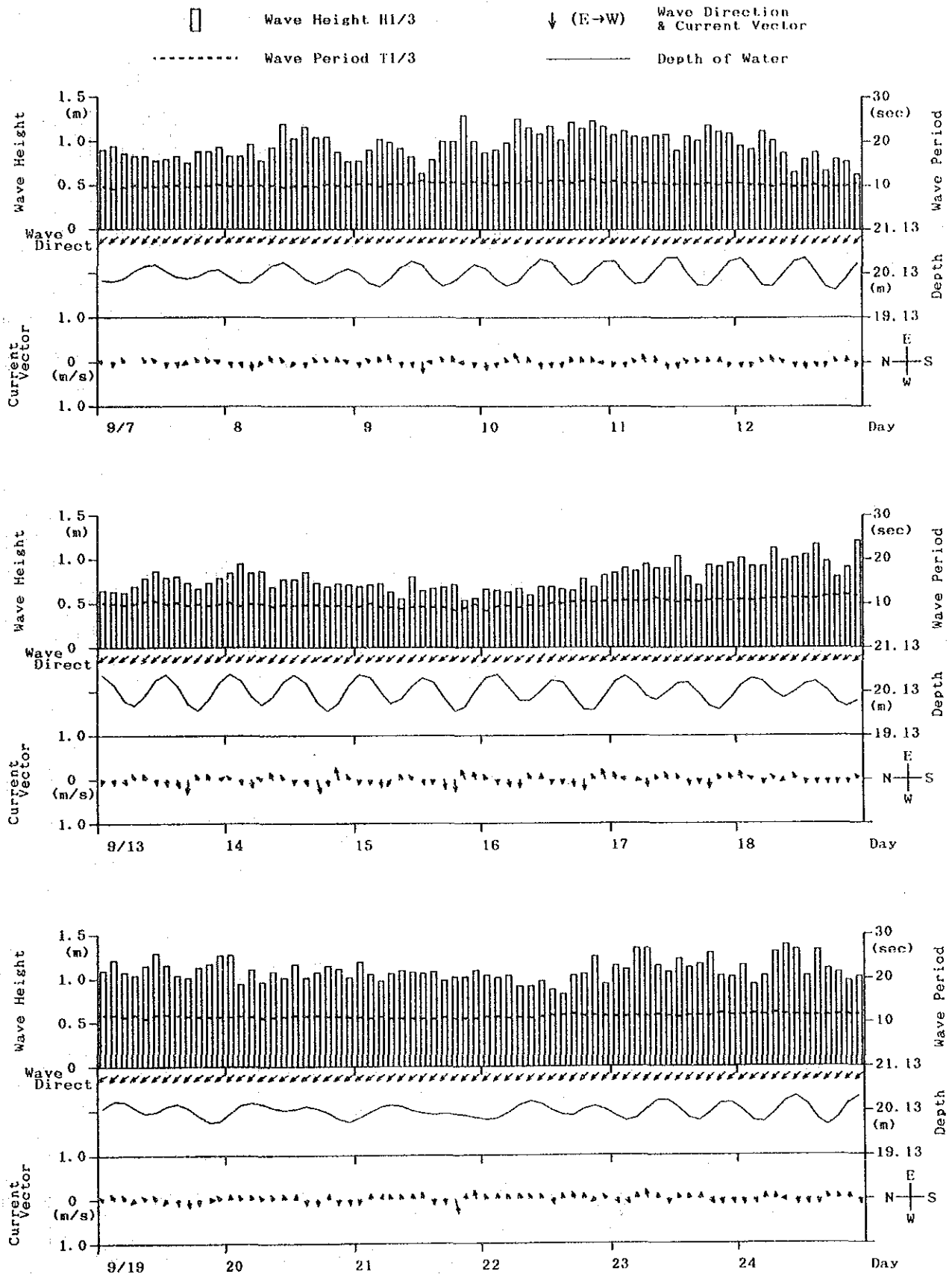
Sequence of Wave and Current



Aug. 20 1992 - Sep. 6 1992

Station : East No. 0

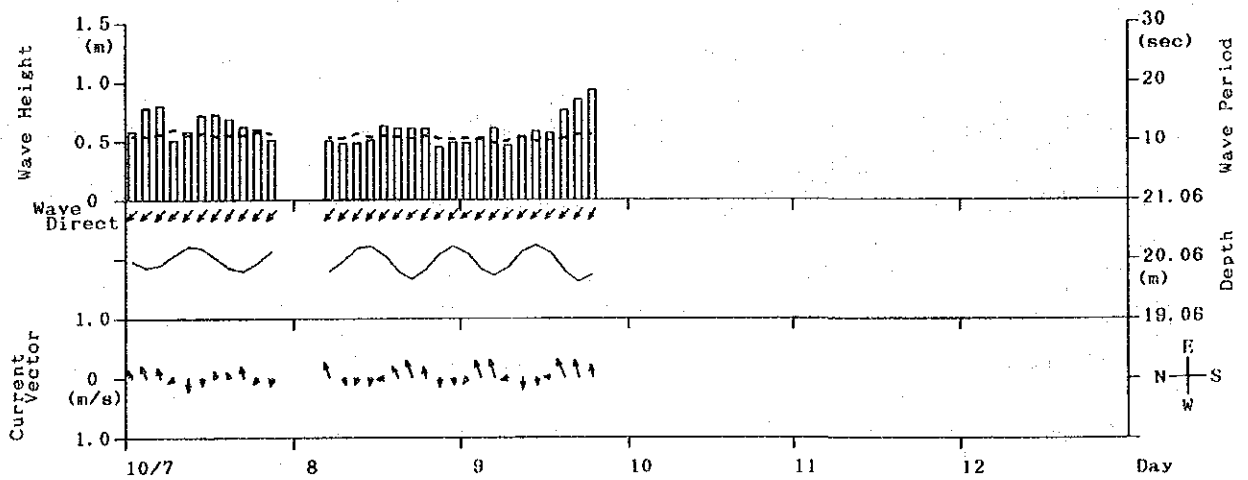
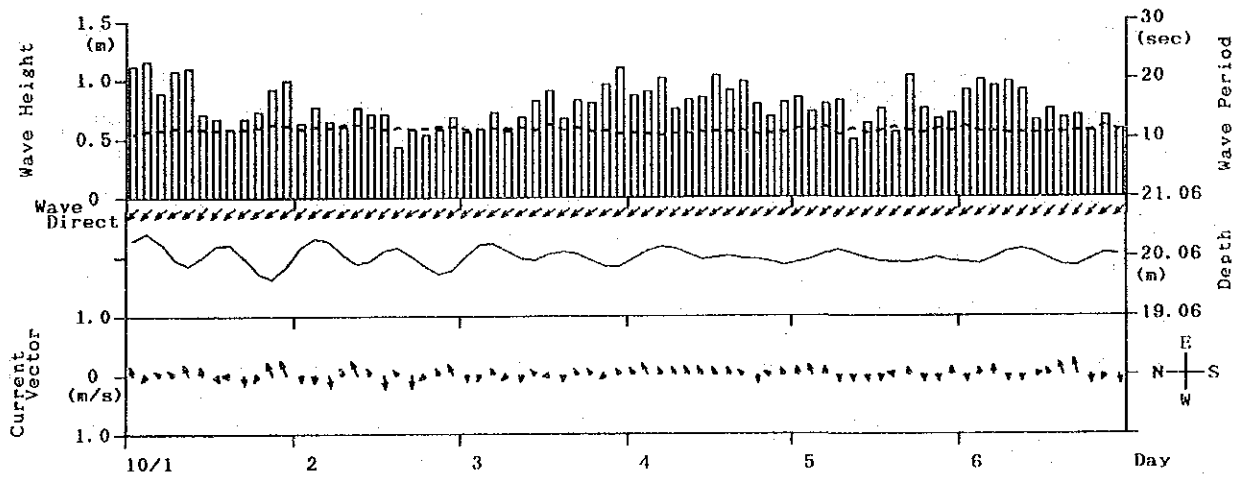
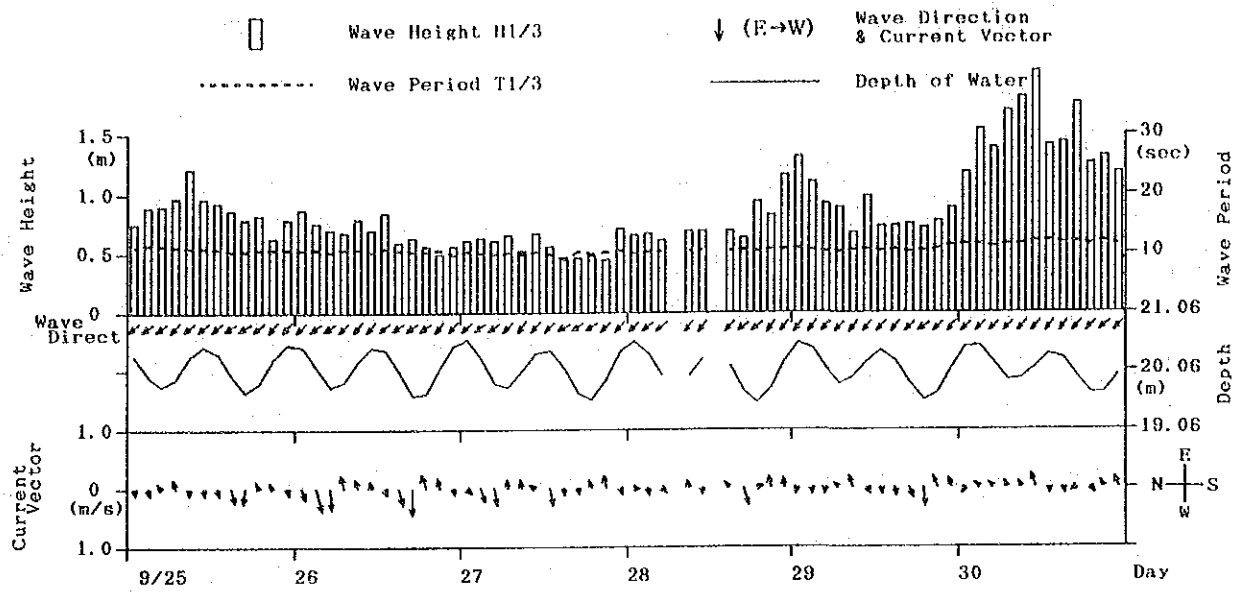
Sequence of Wave and Current



Sep. 7 1992 - Sep. 24 1992

Station : East No.0

Sequence of Wave and Current



Sep. 25 1992 - Oct. 9 1992

Station : East No. 0

Sequence of Wave and Current

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 24 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			VELOCITY (CM/S)	DIRECTION (DEG)	
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	109	9.9	85	10.2	66	10.4	46	10.9	108	142 (S E)	30.25	255 (WSW)	20.23
18	129	10.0	97	10.3	77	10.1	50	10.4	114	149 (SSE)	24.89	256 (WSW)	19.86
20	102	10.2	82	10.3	67	10.0	44	10.5	113	137 (S E)	11.86	80 (E)	19.82
22	89	10.7	69	10.7	57	10.7	38	11.1	105	138 (S E)	2.00	345 (NNW)	20.13
24	74	11.3	69	10.1	56	10.1	38	10.6	112	131 (S E)	13.34	265 (W)	20.54

SEP. 25 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			VELOCITY (CM/S)	DIRECTION (DEG)	
2	103	11.0	76	11.1	58	10.8	37	10.9	109	137 (S E)	9.06	240 (WSW)	20.68
4	83	9.6	65	10.3	50	10.5	34	11.3	105	142 (S E)	32.71	252 (WSW)	20.42
6	76	10.3	65	10.5	52	10.5	34	11.0	107	145 (S E)	31.77	257 (WSW)	20.04
8	85	11.2	65	10.2	53	10.3	36	10.8	108	142 (S E)	8.71	78 (ENE)	18.90
10	87	11.9	64	9.8	51	10.7	35	10.4	114	136 (S E)	9.93	271 (W)	20.17
12	77	10.8	61	10.6	49	10.5	34	10.8	110	137 (S E)	27.23	260 (W)	20.46
14	68	10.4	54	10.5	42	11.1	29	10.6	111	133 (S E)	6.97	111 (ESE)	20.56
16	71	10.5	59	10.5	48	10.2	33	10.4	114	138 (S E)	27.03	262 (W)	20.27
18	92	11.2	63	10.6	54	10.5	37	10.8	109	146 (S E)	31.96	254 (WSW)	19.83
20	87	11.0	68	10.1	52	10.3	36	11.1	105	146 (S E)	3.78	327 (NNW)	19.67
22	87	11.2	62	9.2	49	9.3	33	10.2	115	141 (S E)	17.12	75 (ENE)	19.98
24	64	11.0	54	11.0	43	10.8	29	11.1	106	139 (S E)	2.30	216 (S W)	20.41

SEP. 26 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			VELOCITY (CM/S)	DIRECTION (DEG)	
2	62	10.0	56	10.4	46	10.3	31	11.6	101	138 (S E)	5.95	246 (WSW)	20.64
4	76	9.8	68	9.0	55	9.6	38	10.2	114	140 (S E)	18.66	258 (WSW)	20.48
6	66	10.6	57	10.3	47	10.2	32	11.0	104	142 (S E)	17.88	258 (WSW)	20.09
8	77	8.8	61	9.6	50	9.6	34	10.7	109	144 (S E)	18.16	74 (ENE)	19.88
10	83	9.5	62	9.6	50	9.8	35	10.4	111	135 (S E)	11.80	81 (E)	20.06
12	60	10.3	49	10.7	39	10.6	27	11.4	103	140 (S E)	24.32	251 (WSW)	20.35
14	83	10.0	68	10.6	54	10.0	36	11.3	103	140 (S E)	2.37	216 (S W)	20.53
16	83	11.4	70	10.8	52	10.3	36	10.9	105	141 (S E)	19.78	250 (WSW)	20.32
18	67	11.0	58	10.5	47	9.8	32	10.8	110	145 (S E)	45.73	256 (WSW)	19.91
20	57	10.6	59	10.2	50	10.3	35	10.4	113	150 (SSE)	37.33	266 (W)	19.66
22	68	11.3	57	10.6	47	10.2	32	11.1	106	145 (S E)	10.43	68 (ENE)	19.84
24	99	10.9	62	10.1	49	10.1	33	10.7	109	142 (S E)	3.34	231 (S W)	20.31

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

SEP. 27 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	70	9.1	60	10.4	50	9.9	34	10.4	113	141 (S E)	17.68	256 (WSW)	20.60
4	56	10.3	49	11.0	41	10.8	30	11.7	100	144 (S E)	34.88	255 (WSW)	20.58
6	57	10.4	51	10.2	42	9.7	30	10.6	110	148 (SSE)	44.60	254 (WSW)	20.26
8	76	9.7	61	10.2	46	10.3	31	10.6	109	149 (SSE)	54.58	270 (W)	19.95
10	61	11.5	50	8.9	42	10.0	30	10.3	114	139 (S E)	25.31	65 (ENE)	20.01
12	80	10.1	67	10.3	54	10.3	37	10.7	109	141 (S E)	3.78	87 (E)	20.31
14	67	9.2	55	9.6	45	9.6	30	10.7	111	139 (S E)	13.21	68 (ENE)	20.50
16	66	8.8	58	8.8	47	8.4	31	10.3	113	136 (S E)	2.05	305 (N W)	20.38
18	86	8.7	71	8.4	55	8.9	37	10.0	118	151 (SSE)	31.61	252 (WSW)	19.99
20	78	9.7	69	9.2	61	9.3	41	9.8	120	149 (SSE)	41.46	254 (WSW)	19.68
22	78	10.2	63	8.2	51	9.3	35	9.8	120	144 (S E)	6.24	293 (WNW)	18.75
24	71	10.4	58	9.6	46	9.3	31	10.6	110	140 (S E)	21.29	71 (ENE)	20.17

SEP. 28 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	62	10.3	51	9.5	40	9.3	27	10.3	112	132 (S E)	18.22	70 (ENE)	20.50
4	79	9.8	62	9.0	51	9.3	35	10.0	116	139 (S E)	6.67	69 (ENE)	20.56
6	92	10.3	70	9.6	58	9.5	39	9.9	119	138 (S E)	15.13	246 (WSW)	20.32
8	77	9.4	70	9.1	55	9.7	35	10.7	110	142 (S E)	12.97	267 (W)	20.06
10	79	10.7	70	10.2	56	10.0	38	10.6	112	139 (S E)	2.62	62 (ENE)	20.04
12	92	9.9	65	9.8	49	9.7	32	11.1	107	135 (S E)	2.80	284 (WNW)	20.24
14	75	10.2	62	10.1	49	9.8	35	10.0	117	134 (S E)	6.60	271 (W)	20.41
16	89	10.2	60	9.8	46	9.8	32	10.5	113	130 (S E)	25.13	261 (W)	20.35
18	69	8.9	56	8.4	47	9.4	33	10.5	114	141 (S E)	19.96	252 (WSW)	20.07
20	66	10.1	58	9.2	47	9.5	33	10.1	117	142 (S E)	15.29	263 (W)	19.76
22	78	9.5	61	9.3	48	9.6	33	10.4	114	142 (S E)	1.86	86 (E)	19.73
24	90	8.9	69	8.6	52	8.8	33	10.5	112	122 (ESE)	27.20	74 (ENE)	20.02

SEP. 29 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	105	9.4	85	9.6	67	9.3	46	10.1	116	126 (S E)	14.87	96 (E)	20.34
4	81	10.2	72	9.1	58	9.3	39	9.8	120	132 (S E)	9.27	231 (S W)	20.49
6	83	9.3	69	9.3	53	9.4	37	9.8	120	132 (S E)	12.59	264 (W)	20.36
8	60	9.6	56	8.5	48	8.9	33	9.6	122	132 (S E)	9.52	80 (E)	20.14
10	77	9.6	64	9.9	55	9.2	38	10.1	115	138 (S E)	6.23	82 (E)	20.04
12	118	8.5	72	9.4	56	9.2	38	10.2	114	132 (S E)	1.99	232 (S W)	20.17
14	65	9.6	53	8.8	44	9.1	30	10.3	114	126 (S E)	45.57	259 (W)	20.29
16	62	9.7	54	8.0	45	8.7	30	10.2	116	131 (S E)	35.11	262 (W)	20.31
18	51	8.5	45	8.9	37	8.3	24	10.2	113	127 (S E)	5.45	87 (E)	20.10
20	80	9.5	60	7.8	47	9.4	31	10.3	114	140 (S E)	10.37	222 (S W)	19.85
22	54	10.5	48	9.7	41	9.6	29	10.7	108	137 (S E)	4.42	68 (ENE)	18.75
24	82	10.8	67	9.1	54	9.0	38	10.1	117	122 (ESE)	30.21	86 (E)	19.92

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

SEP. 30 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	79	11.4	62	8.8	51	9.3	35	10.6	110	136 (S E)	21.46	72 (ENE)	20.22
4	69	8.2	60	8.6	49	9.1	33	10.1	116	136 (S E)	15.23	257 (WSW)	20.42
6	61	9.6	45	7.6	37	8.8	24	10.8	107	137 (S E)	11.84	258 (WSW)	20.40
8	58	10.0	50	8.5	43	8.9	31	10.2	112	140 (S E)	16.28	260 (W)	20.24
10	83	8.1	71	9.2	53	9.0	34	10.2	114	141 (S E)	9.69	260 (W)	20.11
12	80	10.3	61	8.6	48	9.4	33	10.4	113	136 (S E)	10.23	76 (ENE)	20.15
14	90	8.5	64	8.8	51	9.1	35	10.1	116	131 (S E)	14.02	262 (W)	20.28
16	73	10.2	64	9.4	52	8.9	37	9.9	117	139 (S E)	7.48	212 (SSW)	20.31
18	80	9.0	65	8.8	55	8.9	39	10.5	112	140 (S E)	3.85	250 (WSW)	20.21
20	71	11.0	60	7.3	45	8.9	30	10.8	108	137 (S E)	17.58	262 (W)	19.98
22	71	14.5	61	9.3	51	9.3	34	11.3	103	140 (S E)	20.55	252 (WSW)	19.85
24	75	9.1	67	9.2	54	9.2	39	11.4	102	140 (S E)	1.29	332 (NNW)	19.91

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 1 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	61	9.2	56	8.1	47	10.1	32	11.0	104	140 (S E)	9.79	113 (ESE)	20.10
4	98	10.2	71	10.6	56	11.2	40	11.8	88	144 (S E)	12.95	78 (ENE)	20.32
6	106	14.4	81	12.8	78	12.8	54	13.8	85	151 (SSE)	6.37	276 (W)	20.40
8	93	13.3	81	12.2	65	13.2	44	13.4	88	150 (SSE)	0.91	92 (E)	20.33
10	95	10.0	79	12.0	61	11.7	43	12.2	97	146 (S E)	2.30	108 (ESE)	20.22
12	107	13.5	77	10.4	61	11.1	41	12.1	98	145 (S E)	9.64	69 (ENE)	20.18
14	82	12.7	78	10.3	61	10.5	40	11.6	101	137 (S E)	5.70	103 (ESE)	20.24
16	92	9.9	72	9.8	59	9.5	40	10.9	108	132 (S E)	10.22	86 (E)	20.28
18	67	10.1	59	9.1	49	8.8	34	11.1	106	135 (S E)	5.20	272 (W)	20.23
20	93	11.5	63	9.2	51	9.7	35	10.1	116	139 (S E)	2.31	345 (NNW)	20.12
22	67	12.5	57	11.0	48	10.3	34	10.8	106	138 (S E)	4.41	268 (W)	19.98
24	63	9.8	58	9.3	45	9.9	30	11.1	105	128 (S E)	16.15	79 (E)	19.95

OCT. 2 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	76	9.3	65	9.7	53	10.6	37	11.2	104	142 (S E)	1.90	237 (WSW)	20.05
4	77	11.0	68	9.0	54	9.4	36	10.6	110	139 (S E)	9.74	262 (W)	20.22
6	76	12.0	66	10.7	53	10.5	38	11.0	106	142 (S E)	19.90	260 (W)	20.31
8	80	8.5	61	9.0	50	8.8	34	10.4	112	140 (S E)	0.92	296 (WNW)	20.38
10	86	9.6	68	10.3	56	10.3	39	10.6	110	136 (S E)	5.03	58 (ENE)	20.31
12	112	9.6	88	9.5	67	9.2	44	10.3	115	137 (S E)	3.86	262 (W)	20.21
14	79	8.5	65	8.6	52	8.8	35	10.3	115	137 (S E)	17.66	260 (W)	20.19
16	97	9.6	71	9.7	56	8.8	38	9.6	121	133 (S E)	6.83	273 (W)	20.19
18	66	11.0	57	8.0	47	8.9	33	10.2	115	135 (S E)	7.75	253 (WSW)	20.20
20	77	9.7	61	9.4	49	9.3	35	10.4	112	134 (S E)	12.53	252 (WSW)	20.22
22	84	9.4	71	10.2	55	9.4	39	10.6	111	136 (S E)	8.38	264 (W)	20.15
24	88	9.6	76	9.3	60	9.2	39	9.8	120	132 (S E)	6.74	62 (ENE)	20.08

OCT. 3 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	74	9.5	66	9.0	52	9.6	35	10.7	109	138 (S E)	3.82	36 (N E)	20.05
4	105	10.4	77	9.1	62	8.5	43	10.7	111	138 (S E)	10.93	65 (ENE)	20.11
6	94	9.9	75	8.3	59	9.0	39	10.4	113	134 (S E)	12.38	78 (ENE)	20.20
8	59	9.0	48	9.0	40	8.4	28	11.0	103	131 (S E)	9.14	265 (W)	20.35
10	63	10.9	53	9.5	43	9.3	31	10.7	111	135 (S E)	18.81	262 (W)	20.39
12	72	8.9	58	9.4	45	9.5	32	10.8	108	135 (S E)	15.38	252 (WSW)	20.30
14	75	9.0	57	9.7	46	10.5	32	11.5	102	138 (S E)	7.33	258 (WSW)	20.14
16	81	9.9	61	8.5	50	8.9	34	11.0	107	139 (S E)	8.01	277 (W)	20.10
18	66	10.0	46	8.3	38	8.6	27	11.3	103	138 (S E)	21.47	248 (WSW)	20.12
20	63	9.6	54	9.1	45	9.1	32	10.4	113	131 (S E)	1.64	253 (WSW)	20.24
22	73	12.3	62	9.4	49	8.7	34	10.5	112	136 (S E)	12.67	268 (W)	20.26
24	61	10.4	55	10.9	46	10.2	31	11.6	102	135 (S E)	5.46	63 (ENE)	20.21

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 4 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	60	11.1	51	9.8	43	8.3	29	10.7	109	133 (S E)	17.66	70 (ENE)	20.08
4	64	9.7	55	10.2	47	10.0	33	11.6	101	139 (S E)	3.04	81 (E)	20.03
6	71	12.8	58	11.9	47	11.7	30	12.1	96	144 (S E)	11.11	70 (ENE)	20.07
8	62	11.5	56	12.3	46	12.5	31	12.5	93	140 (S E)	2.08	69 (ENE)	20.27
10	67	11.6	56	11.3	42	12.1	29	12.2	96	139 (S E)	4.87	45 (N E)	20.39
12	71	11.2	61	10.3	48	11.2	35	11.2	103	138 (S E)	15.00	262 (W)	20.36
14	65	12.7	51	11.2	42	10.4	30	11.3	103	131 (S E)	6.57	59 (ENE)	20.21
16	67	12.3	53	10.6	41	11.5	28	13.0	90	145 (S E)	2.55	264 (W)	20.02
18	58	10.6	50	11.8	42	12.0	30	11.7	100	137 (S E)	9.38	69 (ENE)	20.01
20	60	12.4	47	12.2	36	12.0	24	13.4	86	131 (S E)	21.78	82 (E)	20.21
22	73	11.4	59	10.5	43	11.4	30	11.8	99	135 (S E)	0.25	114 (ESE)	20.38
24	56	12.7	49	10.1	40	11.3	28	12.1	97	136 (S E)	3.94	50 (N E)	20.38

OCT. 5 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	86	11.8	62	10.4	49	11.2	33	12.1	97	142 (S E)	15.21	74 (ENE)	20.21
4	78	11.4	60	11.3	47	11.3	33	11.4	103	139 (S E)	4.06	65 (ENE)	20.05
6	63	10.0	55	11.1	45	10.6	30	11.2	105	125 (S E)	28.51	79 (E)	20.00
8	57	13.9	52	12.1	42	13.4	30	11.6	101	135 (S E)	7.08	306 (N W)	20.21
10	47	11.0	41	11.0	34	11.0	24	11.8	98	137 (S E)	18.52	264 (W)	20.44
12	56	11.0	58	11.4	48	11.9	33	11.8	100	143 (S E)	4.19	235 (S W)	20.49
14	50	11.6	48	11.0	41	10.5	29	11.2	104	143 (S E)	22.17	254 (WSW)	20.27
16	61	11.1	50	11.7	42	12.1	30	11.8	98	141 (S E)	2.54	229 (S W)	19.99
18	65	10.3	58	11.7	47	12.9	33	12.2	95	134 (S E)	18.31	71 (ENE)	18.93
20	72	12.5	66	11.6	52	11.5	35	12.3	97	129 (S E)	11.59	96 (E)	20.12
22	60	12.0	50	10.4	42	11.0	29	12.2	94	137 (S E)	11.29	267 (W)	20.44
24	61	13.0	52	10.5	44	11.9	31	12.1	96	141 (S E)	8.59	69 (ENE)	20.54

OCT. 6 1981

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	70	13.3	59	12.7	49	12.2	35	12.6	92	136 (S E)	14.80	86 (E)	20.35
4	70	12.1	61	12.7	52	12.1	37	12.9	91	139 (S E)	13.63	81 (E)	20.07
6	76	11.5	67	11.1	55	12.2	39	11.7	101	140 (S E)	13.69	80 (E)	19.97
8	73	10.8	66	13.2	55	13.4	40	12.7	92	139 (S E)	9.77	71 (ENE)	20.13
10	78	12.0	63	11.6	51	11.2	35	12.5	94	139 (S E)	7.51	272 (W)	20.40
12	89	14.5	68	13.4	58	14.4	41	13.7	85	145 (S E)	13.73	262 (W)	20.54
14	80	13.1	66	12.2	56	11.4	41	12.7	93	145 (S E)	7.25	265 (W)	20.34
16	108	12.5	89	12.0	71	13.8	50	12.1	96	143 (S E)	9.53	72 (ENE)	20.00
18	125	13.1	104	12.8	86	12.7	57	12.8	93	146 (S E)	13.69	72 (ENE)	19.81
20	78	10.7	66	11.3	56	12.0	39	12.0	98	133 (S E)	9.39	102 (ESE)	19.99
22	113	12.9	78	13.7	64	13.6	43	13.1	90	147 (SSE)	9.77	274 (W)	20.39
24	104	12.7	81	13.6	67	13.4	47	13.2	89	144 (S E)	2.53	288 (WNW)	20.59

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 7 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	115	12.7	99	11.7	81	13.2	55	12.6	84	146 (S E)	6.42	82 (E)	20.47
4	126	14.1	89	14.7	73	14.0	49	12.9	91	149 (SSE)	9.49	259 (W)	20.19
6	114	12.7	95	12.5	80	13.2	56	13.2	85	150 (SSE)	6.13	273 (W)	19.96
8	102	12.6	98	14.0	83	14.5	55	13.9	85	145 (S E)	3.14	90 (E)	20.03
10	105	12.9	84	14.0	68	13.1	47	13.1	90	143 (S E)	1.01	271 (W)	20.33
12	103	14.7	87	12.4	70	13.0	48	12.4	96	143 (S E)	8.64	275 (W)	20.51
14	147	13.9	131	13.4	106	13.7	74	13.8	86	151 (SSE)	12.13	264 (W)	20.41
16	146	12.1	109	12.1	88	12.9	62	12.8	92	151 (SSE)	15.53	255 (WSW)	20.05
18	145	11.3	109	13.1	89	13.4	61	12.7	93	143 (S E)	12.08	67 (ENE)	19.75
20	141	13.9	118	13.2	100	13.2	69	13.0	81	146 (S E)	6.66	281 (W)	19.89
22	169	11.6	140	12.0	114	13.1	75	12.6	95	140 (S E)	19.16	72 (ENE)	20.24
24	141	13.1	115	11.4	92	11.8	65	11.5	102	131 (S E)	30.26	81 (E)	20.56

OCT. 8 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	127	12.2	109	11.8	88	11.8	62	12.2	97	140 (S E)	4.08	57 (ENE)	20.57
4	161	10.7	122	11.2	100	11.7	69	11.6	102	142 (S E)	20.32	251 (WSW)	20.28
6	158	10.4	134	11.3	107	11.4	72	11.7	101	137 (S E)	23.11	276 (W)	19.95
8	131	10.7	121	11.9	102	12.4	69	12.4	96	136 (S E)	10.09	74 (ENE)	19.95
10	191	12.0	167	11.5	134	11.5	87	11.9	99	133 (S E)	16.15	72 (ENE)	20.21
12	217	11.2	145	11.3	106	11.0	68	11.2	105	132 (S E)	3.11	176 (S)	20.47
14	104	13.9	98	11.2	88	10.9	64	11.7	101	132 (S E)	15.63	256 (WSW)	20.44
16	170	13.0	147	10.8	117	11.4	79	11.9	89	138 (S E)	29.99	256 (WSW)	20.08
18	242	11.5	176	10.8	128	10.9	81	11.1	108	134 (S E)	24.90	259 (W)	19.74
20	131	10.1	114	11.6	94	11.7	64	12.0	99	136 (S E)	7.10	65 (ENE)	19.74
22	186	10.3	150	11.4	117	11.8	77	11.4	104	129 (S E)	32.50	75 (ENE)	20.07
24	213	12.8	163	11.3	122	12.3	80	12.2	96	136 (S E)	15.48	272 (W)	20.52

OCT. 9 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	219	12.3	159	11.7	126	11.5	83	11.1	107	136 (S E)	8.71	254 (WSW)	20.66
4	200	13.1	152	12.2	124	11.8	86	11.6	102	138 (S E)	20.56	258 (WSW)	20.39
6	200	12.3	151	11.7	117	11.5	77	11.3	105	139 (S E)	13.62	254 (WSW)	20.04
8	145	10.3	117	11.0	96	11.2	66	11.0	107	136 (S E)	9.71	74 (ENE)	19.91
10	182	11.8	148	11.4	114	11.8	76	12.0	99	138 (S E)	21.43	78 (ENE)	20.07
12	207	11.0	155	11.1	125	10.8	82	11.6	102	132 (S E)	5.21	346 (NNW)	20.41
14	195	10.6	149	10.3	111	10.8	70	11.3	104	138 (S E)	15.48	252 (WSW)	20.48
16	161	10.8	133	11.4	98	11.4	63	11.4	104	143 (S E)	12.07	250 (WSW)	20.20
18	141	11.5	124	10.8	98	11.3	64	11.2	106	140 (S E)	12.62	262 (W)	19.78
20	155	11.2	136	11.4	104	11.4	67	11.4	106	135 (S E)	10.89	72 (ENE)	19.63
22	178	11.8	144	11.0	115	10.7	80	10.9	109	134 (S E)	27.92	73 (ENE)	19.93
24	198	11.1	146	11.0	119	10.7	81	11.0	108	134 (S E)	9.25	90 (E)	20.41

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 10 1991

OBS. TIME	MAX. H (CM)	WAVE T (SEC)	1/10 H (CM)	WAVE T (SEC)	1/3 H (CM)	WAVE T (SEC)	MEAN H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	205	10.6	169	10.7	134	10.6	88	11.0	108	133 (S E)	7.89	276 (W)	20.67
4	179	11.1	149	11.1	117	11.0	78	11.1	107	139 (S E)	10.82	272 (W)	20.49
6	130	10.8	111	11.3	94	11.0	63	10.9	107	142 (S E)	1.63	62 (ENE)	20.10
8	140	11.4	114	10.9	92	10.7	63	10.9	109	137 (S E)	3.33	72 (ENE)	19.89
10	217	11.0	169	11.1	130	10.8	88	10.8	109	131 (S E)	20.95	78 (ENE)	20.03
12	171	9.5	146	10.1	119	10.5	83	10.9	108	131 (S W)	7.38	221 (S W)	20.30
14	184	9.8	145	10.5	116	10.5	75	10.7	111	133 (S E)	32.19	261 (W)	20.43
16	158	12.4	136	10.9	113	10.5	74	10.4	114	135 (S E)	17.29	250 (WSW)	20.26
18	148	10.4	125	10.7	101	10.7	68	11.0	107	144 (S E)	25.92	256 (WSW)	19.86
20	181	11.0	146	10.7	112	10.8	73	10.9	108	146 (S E)	31.68	271 (W)	19.62
22	203	10.6	157	10.3	118	10.3	77	10.8	110	136 (S E)	8.98	80 (E)	19.82
24	165	11.3	139	10.3	109	10.4	69	10.7	110	133 (S E)	12.61	81 (E)	20.26

OCT. 11 1991

OBS. TIME	MAX. H (CM)	WAVE T (SEC)	1/10 H (CM)	WAVE T (SEC)	1/3 H (CM)	WAVE T (SEC)	MEAN H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	148	9.4	137	10.6	115	10.4	82	10.7	111	141 (S E)	8.14	238 (WSW)	20.58
4	212	10.2	168	10.7	125	10.6	78	11.0	107	140 (S E)	5.76	283 (WNW)	20.49
6	203	10.7	170	10.3	130	10.5	90	10.7	111	144 (S E)	25.84	262 (W)	20.17
8	187	10.8	148	10.5	123	10.3	81	10.4	114	145 (S E)	2.34	336 (NNW)	19.92
10	181	10.7	136	10.7	113	10.4	76	10.5	113	137 (S E)	19.60	76 (ENE)	19.98
12	207	10.3	154	9.8	122	10.3	80	10.1	118	132 (S E)	7.37	108 (ESE)	20.21
14	140	10.1	125	10.5	106	10.3	72	10.5	113	133 (S E)	26.26	264 (W)	20.39
16	185	10.4	129	10.0	101	10.2	67	10.1	116	132 (S E)	8.13	49 (N E)	20.29
18	139	9.5	121	9.9	102	8.8	70	10.0	119	145 (S E)	27.31	252 (WSW)	19.95
20	154	10.5	113	8.6	92	10.1	61	10.5	113	137 (S E)	43.61	269 (W)	19.67
22	126	10.4	105	10.2	89	9.9	61	10.3	114	140 (S E)	23.55	72 (ENE)	19.76
24	128	10.8	117	10.0	98	10.0	68	10.6	112	137 (S E)	19.39	79 (E)	20.17

OCT. 12 1991

OBS. TIME	MAX. H (CM)	WAVE T (SEC)	1/10 H (CM)	WAVE T (SEC)	1/3 H (CM)	WAVE T (SEC)	MEAN H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	123	10.0	114	9.1	96	9.5	66	10.5	113	137 (S E)	3.15	55 (N E)	20.52
4	141	9.8	130	9.6	107	10.0	74	10.1	117	136 (S E)	1.80	50 (N E)	20.54
6	123	10.3	109	9.9	92	9.7	64	10.1	117	134 (S E)	20.79	249 (WSW)	20.30
8	148	10.6	125	10.0	101	9.8	69	10.2	115	132 (S E)	33.36	261 (W)	19.99
10	160	8.8	124	8.8	83	8.8	62	10.4	114	128 (S E)	16.32	82 (E)	19.95
12	134	9.2	119	9.1	99	9.7	66	10.3	116	130 (S E)	4.52	77 (ENE)	20.18
14	146	10.7	115	10.0	97	9.6	68	9.9	120	130 (S E)	19.04	251 (WSW)	20.38
16	157	10.4	137	8.4	104	8.6	67	9.9	119	133 (S E)	12.86	259 (W)	20.34
18	179	9.8	143	10.0	110	9.8	72	10.0	119	141 (S E)	30.45	255 (WSW)	20.04
20	141	9.6	110	10.0	88	10.1	62	10.0	119	135 (S E)	50.82	270 (W)	19.74
22	150	10.1	130	8.5	104	8.6	71	9.7	123	140 (S E)	4.54	94 (E)	19.76
24	155	9.6	140	8.9	115	8.8	76	9.9	121	136 (S E)	25.23	83 (E)	20.09

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 13 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	WAVE DIRECTION (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)	
2	203	9.6	164	9.6	120	8.7	76	9.9	119	137	(S E)	10.32	260	(W)	20.42
4	162	9.0	122	9.2	98	8.2	67	9.8	120	136	(S E)	11.80	234	(S W)	20.52
6	214	8.1	150	8.4	114	8.4	71	9.8	121	138	(S E)	19.89	256	(WSW)	20.32
8	145	8.7	134	8.5	109	8.3	68	9.8	121	135	(S E)	29.23	271	(W)	20.08
10	154	9.0	117	8.6	92	8.4	60	10.0	118	138	(S E)	5.36	267	(W)	18.99
12	162	8.6	129	8.7	103	8.5	68	9.7	123	128	(S E)	10.36	75	(ENE)	20.12
14	100	11.5	85	9.9	68	8.6	46	10.1	118	123	(ESE)	4.24	61	(ENE)	20.34
16	149	9.2	117	9.4	87	8.7	68	9.8	120	127	(S E)	12.24	63	(ENE)	20.34
18	132	8.2	111	8.7	85	8.4	54	10.2	116	130	(S E)	6.91	62	(ENE)	20.14
20	129	8.7	110	8.5	89	8.6	61	9.6	124	134	(S E)	2.76	63	(ENE)	19.90
22	138	8.7	98	8.8	84	8.8	57	10.3	115	130	(S E)	6.48	57	(ENE)	18.86
24	118	8.8	104	8.6	83	8.5	52	10.1	118	127	(S E)	18.40	69	(ENE)	20.03

OCT. 14 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	WAVE DIRECTION (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)	
2	162	9.3	125	8.9	98	8.5	64	10.1	118	128	(S E)	17.69	75	(ENE)	20.28
4	147	9.2	114	9.6	87	9.3	57	10.0	120	129	(S E)	3.36	59	(ENE)	20.43
6	136	10.5	108	9.3	85	9.5	58	9.8	122	132	(S E)	4.20	275	(W)	20.37
8	144	8.9	121	8.5	92	8.2	58	9.5	125	131	(S E)	8.25	82	(E)	20.18
10	127	8.2	114	9.3	96	9.5	62	9.8	119	129	(S E)	9.22	66	(ENE)	20.05
12	153	8.6	130	8.3	99	8.5	65	9.7	122	119	(ESE)	10.97	89	(E)	20.08
14	139	9.1	114	9.3	92	9.4	61	10.2	117	122	(ESE)	2.11	292	(WNW)	20.21
16	148	9.1	95	9.4	75	9.2	50	9.6	123	127	(S E)	10.44	272	(W)	20.21
18	119	10.2	107	8.6	84	8.6	56	9.7	121	132	(S E)	22.03	260	(W)	20.13
20	145	9.3	104	8.0	81	8.3	53	9.9	120	135	(S E)	18.39	237	(WSW)	20.01
22	135	9.9	102	8.8	81	9.4	54	10.1	118	127	(S E)	23.93	75	(ENE)	19.90
24	103	9.4	97	9.1	82	9.1	57	9.5	125	133	(S E)	12.13	79	(E)	19.98

OCT. 15 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	1/10 WAVE H (CM)	1/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	WAVE DIRECTION (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)	
2	145	9.6	103	9.4	81	9.3	55	9.6	124	128	(S E)	6.79	78	(ENE)	20.18
4	138	9.9	113	9.6	86	9.3	58	10.0	118	129	(S E)	5.56	259	(W)	20.33
6	129	8.8	103	9.1	81	9.4	55	10.2	116	135	(S E)	4.98	277	(W)	20.34
8	151	8.6	108	8.7	89	8.3	58	9.9	120	127	(S E)	11.94	249	(WSW)	20.22
10	125	9.1	95	9.4	77	9.6	52	10.4	115	125	(S E)	10.14	70	(ENE)	20.10
12	90	10.1	81	9.8	68	10.1	47	10.2	116	132	(S E)	11.61	263	(W)	20.14
14	107	10.0	87	9.9	67	9.3	46	10.0	117	130	(S E)	6.55	239	(WSW)	20.20
16	134	8.0	116	9.2	93	8.5	62	9.6	123	119	(ESE)	23.75	81	(E)	20.20
18	104	8.4	93	8.6	78	9.1	52	9.8	120	126	(S E)	24.15	265	(W)	20.17
20	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 16 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	***	***	***	***	***	***	***	***	***	***	***	***	***
14	***	***	***	***	***	***	***	***	***	***	***	***	***
16	***	***	***	***	***	***	***	***	***	***	***	***	***
18	***	***	***	***	***	***	***	***	***	***	***	***	***
20	***	***	***	***	***	***	***	***	***	***	***	***	***
22	***	***	***	***	***	***	***	***	***	***	***	***	***
24	***	***	***	***	***	***	***	***	***	***	***	***	***

OCT. 17 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	***	***	***	***	***	***	***	***	***	***	***	***	***
4	***	***	***	***	***	***	***	***	***	***	***	***	***
6	***	***	***	***	***	***	***	***	***	***	***	***	***
8	***	***	***	***	***	***	***	***	***	***	***	***	***
10	***	***	***	***	***	***	***	***	***	***	***	***	***
12	65	11.5	58	10.9	48	11.7	34	11.7	101	135 (S E)	12.87	263 (W)	20.22
14	92	10.8	64	10.2	50	10.7	34	11.1	106	138 (S E)	5.81	259 (W)	20.15
16	79	11.3	65	11.2	53	11.1	37	11.6	102	140 (S E)	1.77	105 (ESE)	20.14
18	94	10.1	76	9.6	60	10.4	41	10.8	109	128 (S E)	16.15	78 (ENE)	20.10
20	74	11.3	63	9.3	51	9.8	35	10.7	109	133 (S E)	4.65	260 (W)	20.19
22	73	8.8	55	9.1	44	10.2	31	10.8	108	137 (S E)	11.33	262 (W)	20.23
24	74	10.0	58	9.4	47	10.0	32	10.7	110	133 (S E)	12.45	265 (W)	20.18

OCT. 18 1991

OBS. TIME	MAX. WAVE H (CM)	WAVE T (SEC)	1/10 WAVE H (CM)	WAVE T (SEC)	1/3 WAVE H (CM)	WAVE T (SEC)	MEAN WAVE H (CM)	WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG)	DEPTH OF WATER (M)
2	72	8.8	62	9.0	50	9.5	34	10.2	116	133 (S E)	2.68	71 (ENE)	20.12
4	78	11.8	63	9.8	51	10.2	35	10.5	112	132 (S E)	7.21	66 (ENE)	20.14
6	75	10.5	64	10.1	51	10.0	34	11.2	105	133 (S E)	6.04	81 (E)	20.23
8	63	9.5	51	9.9	43	10.1	31	11.2	105	132 (S E)	2.29	227 (S W)	20.32
10	71	11.2	50	9.9	38	10.1	25	11.3	103	143 (S E)	16.76	264 (W)	20.36
12	65	11.1	53	9.7	43	10.0	29	10.7	110	140 (S E)	22.89	261 (W)	20.26
14	72	11.7	64	10.1	50	10.3	32	11.0	106	139 (S E)	5.80	80 (E)	20.12
16	68	11.8	59	10.9	48	10.4	33	11.3	104	141 (S E)	4.75	127 (S E)	20.05
18	69	10.8	62	10.0	51	9.6	35	10.4	113	136 (S E)	8.16	66 (ENE)	20.07
20	64	11.3	56	10.2	45	10.0	31	10.4	112	131 (S E)	1.86	102 (ESE)	20.19
22	65	9.8	49	9.6	40	9.3	28	10.5	112	139 (S E)	16.67	258 (WSW)	20.32
24	60	11.0	56	10.2	48	10.1	31	11.1	105	143 (S E)	3.29	251 (WSW)	20.28

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 19 1991

OBS. TIME	MAX. WAVE		L/10 WAVE		L/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	51	8.7	46	10.3	39	10.0	27	10.5	109	143 (S E)	5.05	266 (W)	20.15
4	77	8.2	56	9.6	44	10.3	30	10.8	110	138 (S E)	15.71	70 (ENE)	20.05
6	67	10.8	52	9.8	43	9.7	30	10.8	107	136 (S E)	28.44	72 (ENE)	20.09
8	67	9.9	51	9.4	42	10.6	29	11.3	103	137 (S E)	15.88	245 (WSW)	20.27
10	56	11.1	39	10.1	31	10.4	22	11.3	102	143 (S E)	28.61	260 (W)	20.38
12	52	11.6	43	9.9	36	9.8	24	11.3	104	139 (S E)	22.78	252 (WSW)	20.34
14	59	11.6	45	10.5	37	10.6	27	10.8	107	139 (S E)	5.00	266 (W)	20.18
16	59	11.6	44	11.8	36	11.1	24	11.3	102	138 (S E)	2.06	348 (NNW)	18.98
18	55	9.4	48	10.8	41	10.9	29	11.2	105	136 (S E)	18.14	89 (ENE)	18.99
20	82	9.6	51	10.2	40	10.7	28	11.1	104	137 (S E)	10.10	75 (ENE)	20.17
22	58	9.9	48	9.8	38	9.9	26	11.0	106	137 (S E)	16.23	250 (WSW)	20.36
24	60	10.4	51	9.8	42	9.9	28	10.5	109	138 (S E)	3.99	273 (W)	20.41

OCT. 20 1991

OBS. TIME	MAX. WAVE		L/10 WAVE		L/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	56	9.6	47	10.7	38	10.7	26	11.2	104	141 (S E)	10.09	246 (WSW)	20.24
4	51	10.8	43	10.4	36	9.8	26	10.4	111	137 (S E)	2.34	282 (WNW)	20.03
6	69	12.2	60	10.1	47	10.6	31	11.3	104	137 (S E)	18.53	75 (ENE)	20.03
8	63	10.4	54	10.6	43	10.7	30	10.9	107	136 (S E)	3.45	61 (ENE)	20.20
10	57	12.4	43	11.0	36	10.5	24	11.2	105	135 (S E)	22.05	265 (W)	20.39
12	55	11.3	47	10.5	37	10.6	25	10.9	106	136 (S E)	21.40	269 (W)	20.42
14	62	10.0	49	10.2	38	10.8	27	11.0	106	144 (S E)	20.61	260 (W)	20.19
16	73	10.7	58	10.8	46	10.9	32	11.2	105	143 (S E)	3.28	80 (E)	19.92
18	69	10.0	56	11.0	47	11.0	33	11.6	101	132 (S E)	20.73	72 (ENE)	18.86
20	89	11.4	49	10.9	48	11.0	32	11.1	106	133 (S E)	9.66	79 (E)	20.07
22	69	10.8	54	10.0	40	10.4	26	10.9	106	134 (S E)	4.27	301 (WNW)	20.36
24	67	10.5	54	9.9	43	9.9	29	10.5	111	142 (S E)	1.30	260 (W)	20.49

OCT. 21 1991

OBS. TIME	MAX. WAVE		L/10 WAVE		L/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY		DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)			(CM/S)	(DEG) (16DIR)	
2	55	10.5	48	9.5	40	9.6	28	11.0	108	142 (S E)	13.16	256 (WSW)	20.36
4	67	11.5	56	10.1	45	10.1	31	11.1	105	143 (S E)	6.91	269 (W)	20.06
6	74	11.9	62	9.7	52	10.5	35	10.9	107	136 (S E)	16.48	79 (E)	18.95
8	54	11.1	47	10.2	37	10.3	26	11.3	104	134 (S E)	16.68	265 (W)	20.12
10	50	9.2	42	8.7	33	8.7	22	10.3	113	130 (S E)	9.89	257 (WSW)	20.33
12	54	8.0	45	9.0	37	9.4	26	10.5	111	133 (S E)	32.98	262 (W)	20.40
14	54	10.6	48	10.0	41	10.6	29	11.2	104	152 (SSE)	35.42	254 (WSW)	20.27
16	58	11.4	47	10.4	37	10.0	25	10.9	106	136 (S E)	0.48	257 (WSW)	19.92
18	72	11.6	58	10.1	45	10.3	30	11.3	104	136 (S E)	10.55	81 (E)	18.79
20	66	10.5	55	11.2	44	10.6	31	10.7	109	134 (S E)	6.93	58 (ENE)	18.98
22	79	10.7	61	10.2	50	10.9	34	11.2	105	138 (S E)	3.01	236 (S W)	20.33
24	62	10.7	53	10.2	45	10.2	30	10.7	110	132 (S E)	15.40	257 (WSW)	20.60

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No.0

OCT. 22 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	78	10.7	57	9.9	47	10.5	33	10.7	109	144 (S E)	22.44	250 (WSW)	20.47
4	72	8.8	54	8.9	43	9.8	29	10.3	114	142 (S E)	27.09	256 (WSW)	20.12
6	80	10.0	64	9.4	49	9.5	32	10.7	109	137 (S E)	0.65	267 (W)	18.95
8	68	10.6	58	9.7	44	9.7	29	10.1	114	130 (S E)	11.23	71 (ENE)	20.07
10	58	8.6	58	9.3	47	9.9	33	10.6	109	127 (S E)	9.90	78 (ENE)	20.31
12	62	9.5	48	10.3	41	10.1	29	10.5	112	137 (S E)	6.89	237 (WSW)	20.47
14	69	10.5	55	9.2	45	9.6	31	10.7	110	144 (S E)	17.82	253 (WSW)	20.29
16	71	8.9	57	9.3	46	9.1	32	10.4	110	156 (SSE)	42.14	260 (W)	19.89
18	59	12.2	54	10.9	44	10.0	30	11.3	102	152 (SSE)	26.20	248 (WSW)	19.67
20	61	8.2	50	9.9	42	10.0	31	10.8	109	147 (SSE)	22.92	78 (ENE)	19.83
22	53	9.4	47	10.6	38	10.5	27	11.1	107	143 (S E)	13.40	80 (E)	20.25
24	61	11.0	57	10.3	46	9.9	32	11.1	106	142 (S E)	4.36	93 (E)	20.61

OCT. 23 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	54	10.8	47	11.0	38	10.9	26	11.7	100	153 (SSE)	19.26	260 (W)	20.60
4	65	9.6	51	10.6	42	10.6	29	11.2	102	155 (SSE)	31.91	261 (W)	20.22
6	62	10.5	55	10.5	43	10.7	31	10.9	108	152 (SSE)	20.33	303 (WNW)	19.90
8	60	11.0	53	9.7	43	10.1	30	10.9	107	144 (S E)	23.10	79 (E)	19.94
10	61	11.8	50	10.6	41	10.5	29	11.2	106	142 (S E)	2.09	75 (ENE)	20.22
12	50	8.4	43	11.0	34	10.3	23	11.3	103	143 (S E)	26.35	265 (W)	20.39
14	54	10.3	44	10.6	37	9.7	25	10.6	110	146 (S E)	8.33	255 (WSW)	20.35
16	59	10.0	50	9.5	41	9.9	29	10.5	111	155 (SSE)	28.35	257 (WSW)	19.94
18	64	11.3	55	10.2	45	10.3	30	10.2	115	159 (SSE)	21.86	251 (WSW)	19.63
20	89	9.5	51	10.2	41	10.1	28	10.8	108	147 (SSE)	30.11	76 (ENE)	19.71
22	81	9.5	57	8.9	45	9.6	32	10.1	115	132 (S E)	11.58	80 (E)	20.14
24	96	9.1	68	8.9	56	9.6	41	10.7	110	142 (S E)	12.59	67 (ENE)	20.56

OCT. 24 1991

OBS. TIME	MAX. WAVE		1/10 WAVE		1/3 WAVE		MEAN WAVE		NUMBER OF WAVES	WAVE DIRECTION (DEG) (16DIR)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (DEG) (16DIR)	DEPTH OF WATER (M)
	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)	H (CM)	T (SEC)					
2	82	10.4	66	8.8	55	9.3	39	10.3	114	142 (S E)	11.22	55 (N E)	20.63
4	82	9.4	62	9.3	50	8.9	35	10.2	114	143 (S E)	5.18	261 (W)	20.35
6	67	8.8	59	9.0	49	9.3	34	11.2	104	143 (S E)	4.67	52 (N E)	19.98
8	79	11.0	61	10.1	51	9.2	35	10.4	113	136 (S E)	16.68	76 (ENE)	19.90
10	82	9.8	70	9.4	56	9.1	37	10.4	113	134 (S E)	2.73	80 (E)	20.12
12	90	10.8	76	9.8	62	9.6	43	10.3	115	130 (S E)	17.15	252 (WSW)	20.38
14	72	8.9	64	8.6	52	9.3	39	11.2	116	131 (S E)	11.22	265 (W)	20.39
16	89	8.5	70	10.4	57	10.2	44	11.1	107	139 (S E)	5.91	256 (WSW)	20.03
18	97	10.7	76	10.2	62	10.0	44	11.1	107	147 (SSE)	11.22	251 (WSW)	19.68
20	89	9.6	76	9.8	64	10.0	42	10.8	109	137 (S E)	20.03	75 (ENE)	19.68
22	101	11.3	81	11.9	63	11.9	44	11.8	100	135 (S E)	28.58	73 (ENE)	20.02
24	109	10.3	92	9.9	73	10.0	49	10.4	114	132 (S E)	17.97	76 (ENE)	20.47

DAILY REPORT OF WAVES OBSERVATION

STATION : EAST No. 0

OCT. 25 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	L/10 WAVE H (CM)	L/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	102	10.6	81	8.0	66	10.3	46	11.5	102	140 (S E)	19.07	71 (ENE)	20.66
4	96	10.8	84	10.3	69	10.1	45	11.3	104	138 (S E)	17.68	64 (ENE)	20.46
6	114	9.6	104	10.4	81	10.6	54	10.9	108	141 (S E)	8.14	63 (ENE)	20.09
8	114	10.4	96	10.4	78	10.2	53	10.9	109	139 (S E)	8.89	71 (ENE)	18.91
10	130	10.6	104	9.5	81	9.6	52	10.5	112	135 (S E)	3.95	292 (WNW)	20.08
12	102	10.1	77	9.5	63	9.7	41	10.4	113	127 (S E)	6.19	184 (S)	20.34
14	100	11.3	82	10.6	67	10.3	45	10.9	109	141 (S E)	8.61	228 (S W)	20.36
16	113	10.8	91	9.2	72	9.2	48	10.2	116	138 (S E)	11.73	258 (WSW)	20.12
18	127	10.3	101	9.4	83	10.1	58	10.6	113	144 (S E)	3.68	23 (NNE)	19.74
20	127	10.6	104	9.2	78	9.7	50	11.1	107	140 (S E)	7.96	69 (ENE)	19.62
22	120	10.4	103	10.2	82	10.5	54	10.7	111	136 (S E)	26.85	75 (ENE)	19.88
24	163	11.6	109	9.7	82	10.2	53	11.4	104	134 (S E)	3.66	214 (S W)	20.32

OCT. 26 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	L/10 WAVE H (CM)	L/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	99	10.7	78	8.4	64	8.8	43	10.2	116	131 (S E)	19.05	261 (W)	20.61
4	95	9.7	78	9.6	64	9.8	44	10.2	115	142 (S E)	17.29	257 (WSW)	20.52
6	108	10.3	78	10.0	62	10.4	42	10.8	109	142 (S E)	6.71	253 (WSW)	20.19
8	127	9.7	90	8.8	70	9.6	47	10.1	117	130 (S E)	6.08	73 (ENE)	18.94
10	90	8.3	77	8.7	64	10.0	46	10.4	114	127 (S E)	3.09	4 (N)	18.99
12	86	9.4	71	9.1	58	10.0	39	10.6	111	125 (S E)	6.05	296 (WNW)	20.25
14	111	9.6	86	9.3	64	9.6	42	10.4	114	125 (S E)	22.76	259 (W)	20.37
16	89	9.4	70	8.3	58	9.5	39	10.7	110	132 (S E)	37.82	264 (W)	20.22
18	100	10.2	88	8.4	71	8.4	48	9.6	123	135 (S E)	17.97	251 (WSW)	19.87
20	95	8.8	81	8.6	66	9.1	47	9.8	120	141 (S E)	19.78	245 (WSW)	19.63
22	95	8.0	84	8.8	71	9.6	49	10.2	115	137 (S E)	3.95	76 (ENE)	18.83
24	94	10.3	82	8.8	67	9.3	46	10.2	116	131 (S E)	21.28	68 (ENE)	20.25

OCT. 27 1991

OBS. TIME	MAX. WAVE H (CM)	MAX. WAVE T (SEC)	L/10 WAVE H (CM)	L/10 WAVE T (SEC)	1/3 WAVE H (CM)	1/3 WAVE T (SEC)	MEAN WAVE H (CM)	MEAN WAVE T (SEC)	NUMBER OF WAVES	WAVE DIRECTION (DEG)	CURRENT VELOCITY (CM/S)	CURRENT DIRECTION (16DIR)	DEPTH OF WATER (M)
2	97	9.7	75	9.5	61	9.8	42	10.0	118	136 (S E)	4.35	51 (N E)	20.57
4	81	10.0	71	9.7	60	10.0	41	10.6	111	137 (S E)	2.65	316 (N W)	20.60
6	97	10.4	77	8.4	60	8.8	39	9.7	123	134 (S E)	4.64	231 (S W)	20.33
8	112	9.6	89	9.4	65	9.5	42	10.4	113	134 (S E)	19.30	267 (W)	20.05
10	89	11.1	64	10.4	53	10.2	37	10.6	112	139 (S E)	12.96	71 (ENE)	20.04
12	103	10.0	75	8.6	61	9.7	41	10.2	116	136 (S E)	12.51	75 (ENE)	20.25
14	104	10.4	83	10.1	65	10.0	42	10.5	113	138 (S E)	3.12	60 (ENE)	20.42
16	88	9.9	72	9.8	57	9.7	39	10.2	117	139 (S E)	5.65	288 (WNW)	20.34
18	87	10.7	73	9.9	56	9.4	38	10.2	115	147 (SSE)	18.52	254 (WSW)	20.02
20	82	9.8	63	9.3	50	9.6	34	11.0	107	152 (SSE)	32.77	256 (WSW)	18.73
22	97	8.7	79	9.8	63	9.5	41	10.0	117	147 (SSE)	29.49	288 (WNW)	19.75
24	89	10.4	73	9.8	59	9.8	40	10.4	112	138 (S E)	19.95	76 (ENE)	20.09